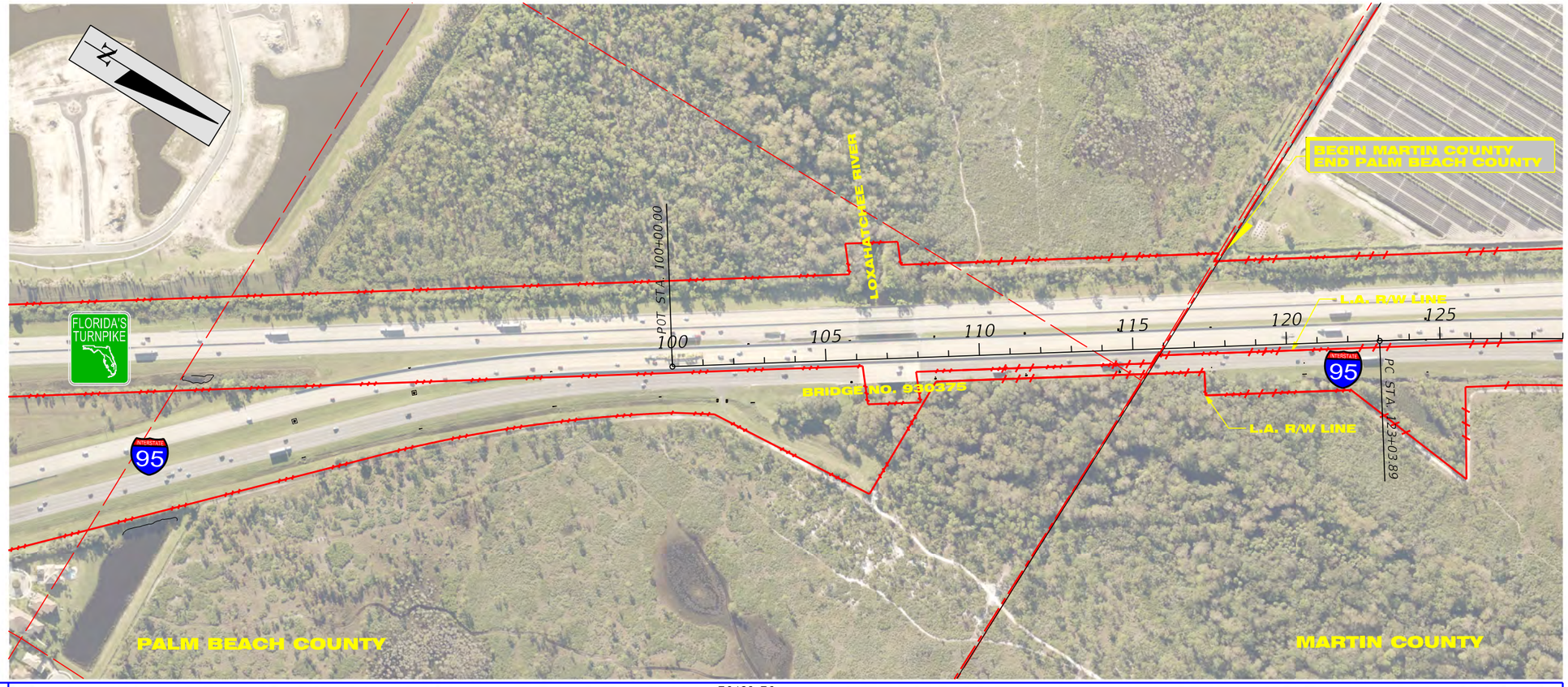
Appendix A

Existing I-95 Plans

SOUTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
	GRADE (%)		0.0818
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		11,459.16
	SUPERELEVATION		0.02
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)		3/12
	INSIDE SHOULDER WIDTH (ft)		12
	OUTSIDE SHOULDER WIDTH (ft)		12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		
	TOTAL MEDIAN WIDTH (ft)		88
	SB/NB R/W WIDTH (ft)		VARIES



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
	GRADE (%)		0.20
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		11,459.16
	SUPERELEVATION		0.02
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)		3/12
	INSIDE SHOULDER WIDTH (ft)		12
	OUTSIDE SHOULDER WIDTH (ft)		12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		

FDOT

I-95 Multimodal Master Plan

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

SHEET NO. 1

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SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70					
VERTICAL ALIGNMENT	GRADE (%)	0.0818		0.00	0.20	0.00	
	LENGTH OF CURVE (ft)						
	K VALUE						
	STOPPING SIGHT DISTANCE (ft)						
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	11,459.16			11,503.16		
	SUPERELEVATION	0.02			0.02		
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12					
	INSIDE SHOULDER WIDTH (ft)	12					
	OUTSIDE SHOULDER WIDTH (ft)	12					
INTER-CHANGE CROSS ROAD	RAMP TERMINAL						
	VERTICAL CLEARANCE (ft)						
	HORIZONTAL CLEARANCE (ft)						
	TOTAL MEDIAN WIDTH (ft)	88					
	SB/NB R/W WIDTH (ft)	VARIES					



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70						
VERTICAL ALIGNMENT	GRADE (%)	0.20	0.00	0.20	0.00	0.1988	0.00	
	LENGTH OF CURVE (ft)							
	K VALUE							
	STOPPING SIGHT DISTANCE (ft)							
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	11,459.16			11,503.16			
	SUPERELEVATION	0.02			0.02			
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12						
	INSIDE SHOULDER WIDTH (ft)	12						
	OUTSIDE SHOULDER WIDTH (ft)	12						
INTER-CHANGE CROSS ROAD	RAMP TERMINAL							
	VERTICAL CLEARANCE (ft)							
	HORIZONTAL CLEARANCE (ft)							

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

SHEET NO. 2

CGALLARD 5/1/2019 1:40:37 PM PW:\

SOUTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70						
	GRADE (%)	0.20	0.00			1.0375		
	LENGTH OF CURVE (ft)			800		1,200		
	K VALUE			771		1,156		
	STOPPING SIGHT DISTANCE (ft)			N/A		1,640		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄							
	SUPERELEVATION							
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12						
	INSIDE SHOULDER WIDTH (ft)	12						
	OUTSIDE SHOULDER WIDTH (ft)	12						
INTER-CHANGE CROSS ROAD	RAMP TERMINAL							
	VERTICAL CLEARANCE (ft)	N/A						
	HORIZONTAL CLEARANCE (ft)	N/A						
	TOTAL MEDIAN WIDTH (ft)	88						
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)						



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70						
	GRADE (%)	0.20	0.00			1.0375		
	LENGTH OF CURVE (ft)			800		1,200		
	K VALUE			771		1,156		
	STOPPING SIGHT DISTANCE (ft)			N/A		1,640		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄							
	SUPERELEVATION							
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12						
	INSIDE SHOULDER WIDTH (ft)	12						
	OUTSIDE SHOULDER WIDTH (ft)	12						
INTER-CHANGE CROSS ROAD	RAMP TERMINAL							
	VERTICAL CLEARANCE (ft)	N/A						
	HORIZONTAL CLEARANCE (ft)	N/A						

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

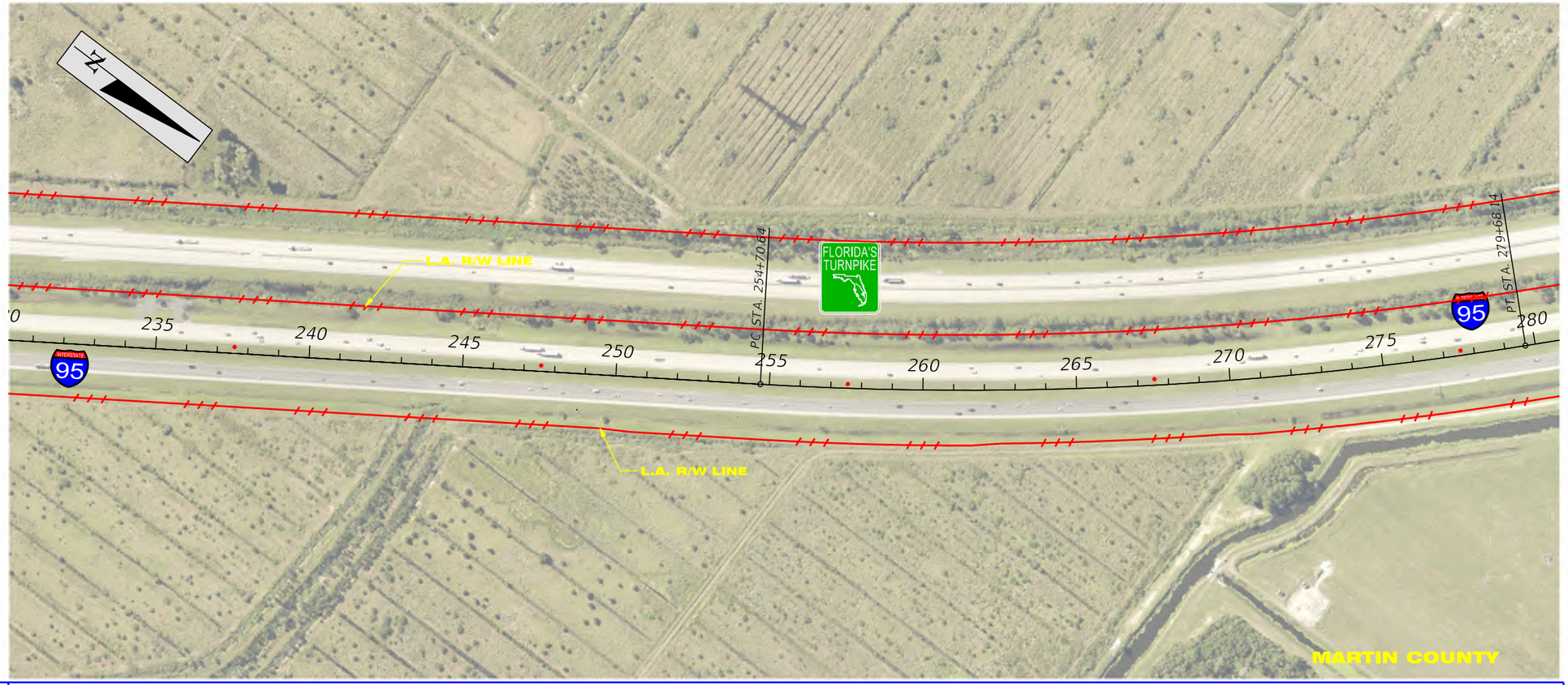
MAINLINE PLAN SHEETS

SHEET NO. 3

CGALLARD 5/1/2019 1:41:20 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)	-1.0542	0.00
	LENGTH OF CURVE (ft)	800	
	K VALUE	758	
	STOPPING SIGHT DISTANCE (ft)	1,423	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		11,459.156
	SUPERELEVATION		0.02
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		
	TOTAL MEDIAN WIDTH (ft)	88	
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)	



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)	-1.0542	0.00
	LENGTH OF CURVE (ft)	800	
	K VALUE	758	
	STOPPING SIGHT DISTANCE (ft)	1,423	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		11,459.156
	SUPERELEVATION		0.02
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

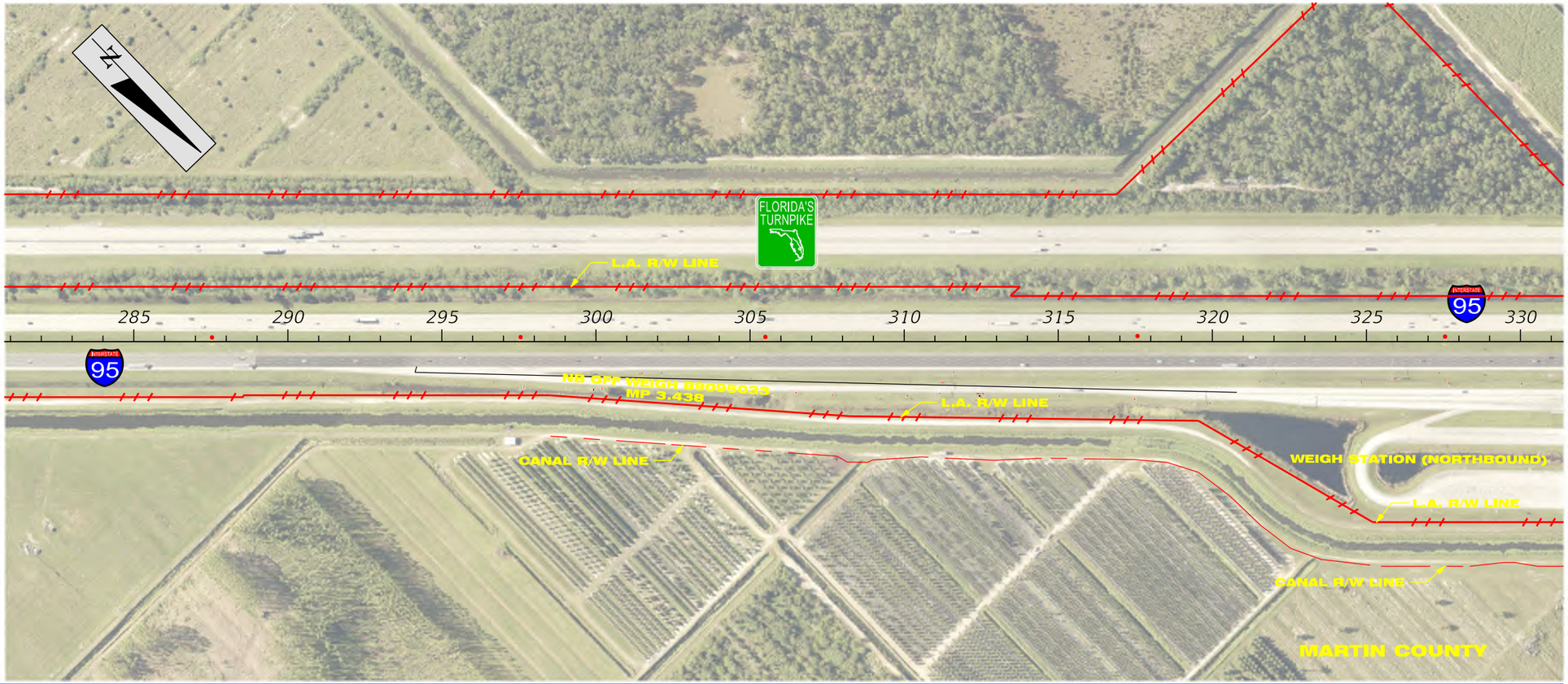
SHEET NO. 4

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SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)	0.05	0.00
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		
	SUPERELEVATION		
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		
	TOTAL MEDIAN WIDTH (ft)	88	
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)	

(1*) TAPER TYPE, SINGLE-LANE;
TAPER LENGTH=619'



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
VERTICAL ALIGNMENT	GRADE (%)	0.05		0.00
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄			
	SUPERELEVATION			
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		1*	
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

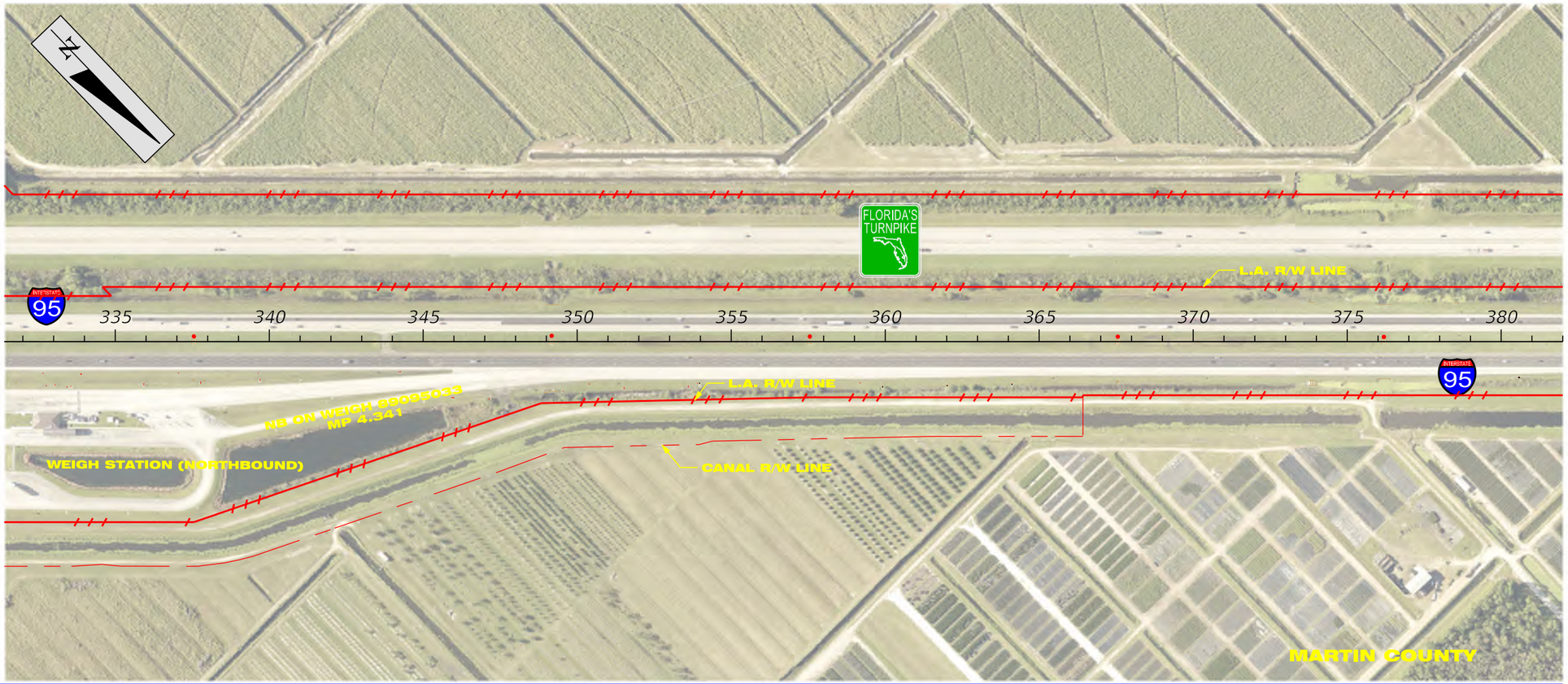
SHEET NO.
5

CGALLARD 5/1/2019 1:43:08 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)	0.00	0.0145
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		
	SUPERELEVATION		
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		
	TOTAL MEDIAN WIDTH (ft)	88	
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)	

(1*) PARALLEL TYPE, MULTI-LANE;
LANE LENGTH=2,481;
TAPER LENGTH=1,427



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
VERTICAL ALIGNMENT	GRADE (%)			0.0145
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄			
	SUPERELEVATION			
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		1*	
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

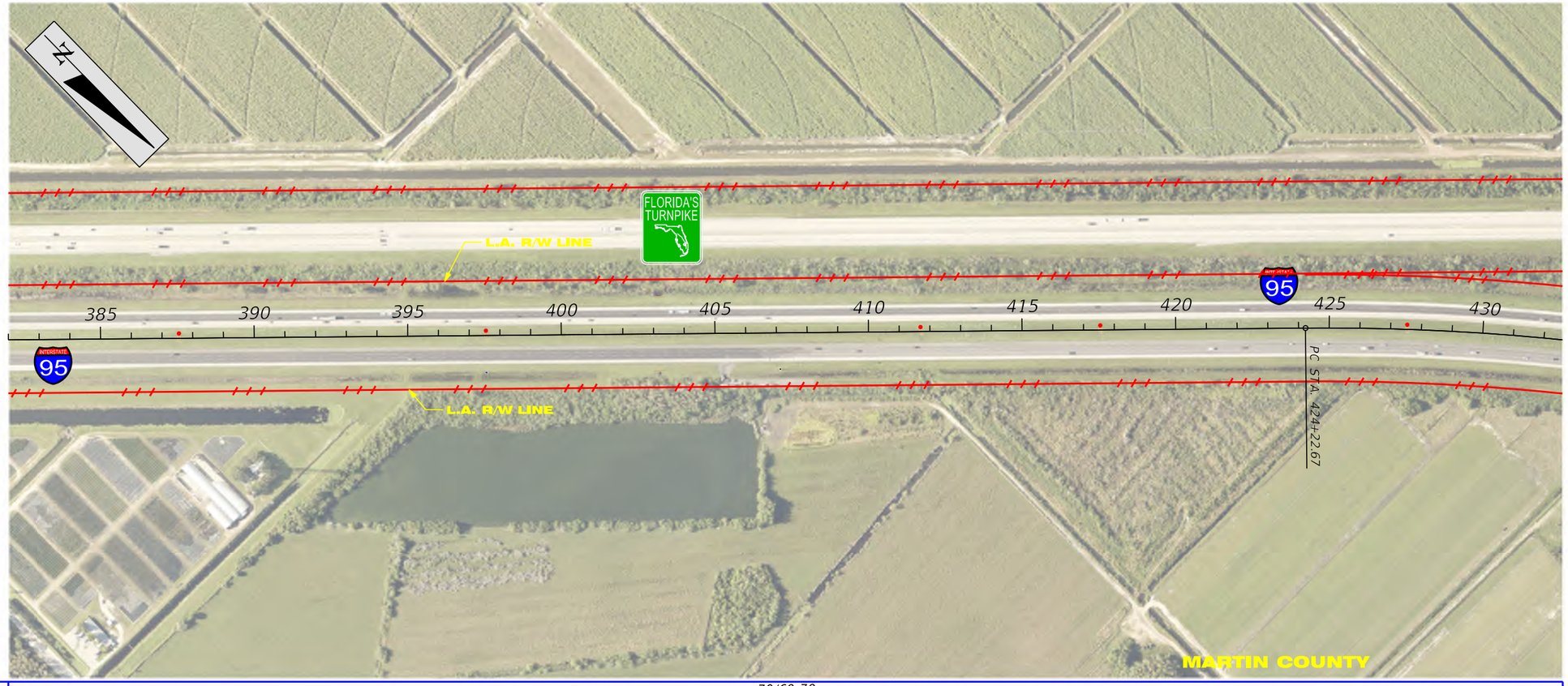
MAINLINE PLAN SHEETS

SHEET NO.
6

CGALLARD 5/1/2019 1:43:45 PM PW:\

SOUTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
	GRADE (%)	0.0145	0.0196
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		7,639.44
	SUPERELEVATION		0.029
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		
	TOTAL MEDIAN WIDTH (ft)	88	
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)	



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
	GRADE (%)	0.0145	0.0196
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		7,639.44
	SUPERELEVATION		0.029
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:
MAINLINE PLAN SHEETS

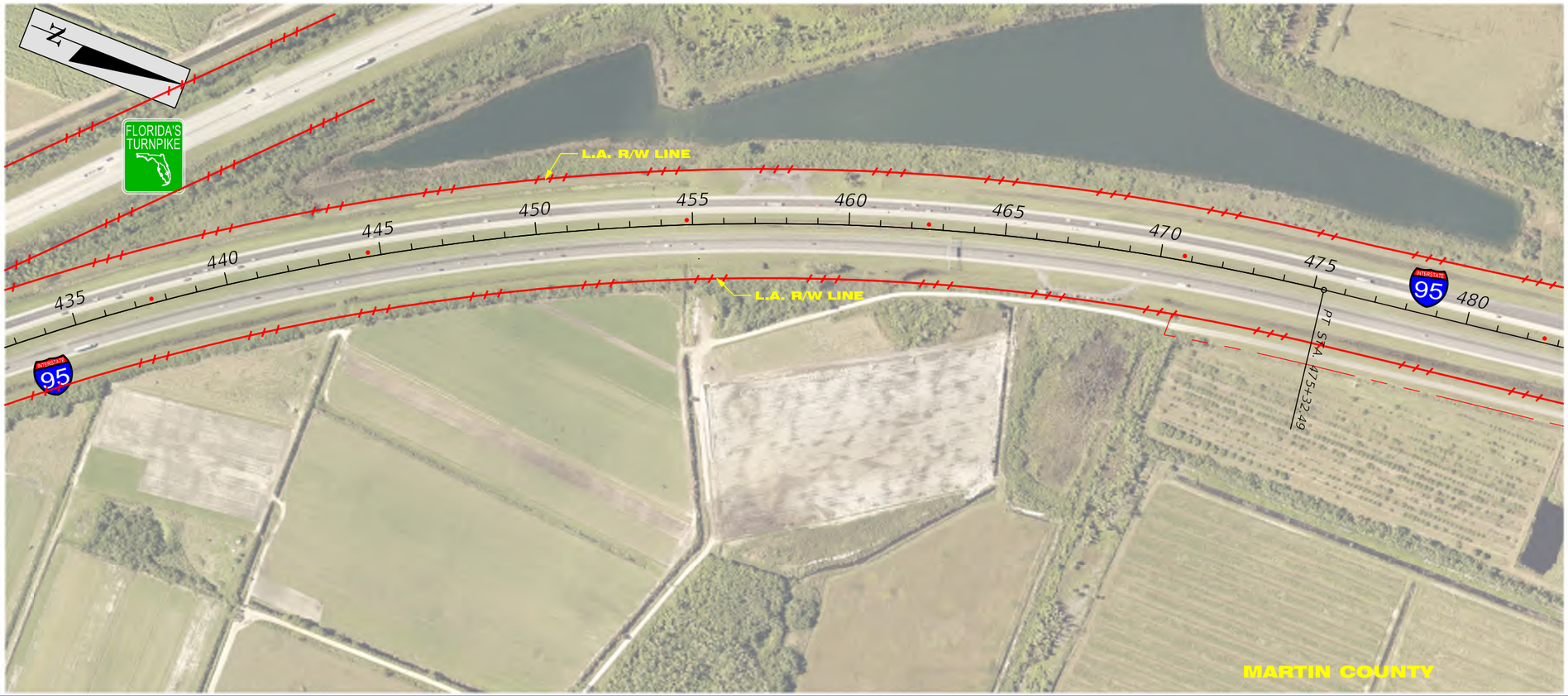
SHEET NO.
7

CGALLARD 5/1/2019 1:44:22 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)	0.0196	-0.0155
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	7,639.44	
	SUPERELEVATION	0.029	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		1*
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		
	TOTAL MEDIAN WIDTH (ft)	88	
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)	

(1*) TAPER TYPE, SINGLE-LANE;
TAPER LENGTH=1,155'



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)	0.0196	-0.0155
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	7,639.44	
	SUPERELEVATION	0.029	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
8

CGALLARD 5/1/2019 1:45:00 PM PW:\

SOUTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
	GRADE (%)	-0.0155	2.1980		-2.1840	-0.0133
	LENGTH OF CURVE (ft)	800	2,200			800
	K VALUE	361	502			369
	STOPPING SIGHT DISTANCE (ft)	N/A	1,040			N/A
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄					
	SUPERELEVATION					
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12			3	
	INSIDE SHOULDER WIDTH (ft)	12			12	
	OUTSIDE SHOULDER WIDTH (ft)	12			12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	1*				2*
	VERTICAL CLEARANCE (ft)			16.40		
	HORIZONTAL CLEARANCE (ft)			N/A		
	TOTAL MEDIAN WIDTH (ft)	88				88
	SB/NB R/W WIDTH (ft)	VARIES				174

(1*) TAPER TYPE, SINGLE-LANE; TAPER LENGTH=1,155'

(2*) TAPER TYPE, SINGLE-LANE; TAPER LENGTH= 1100'

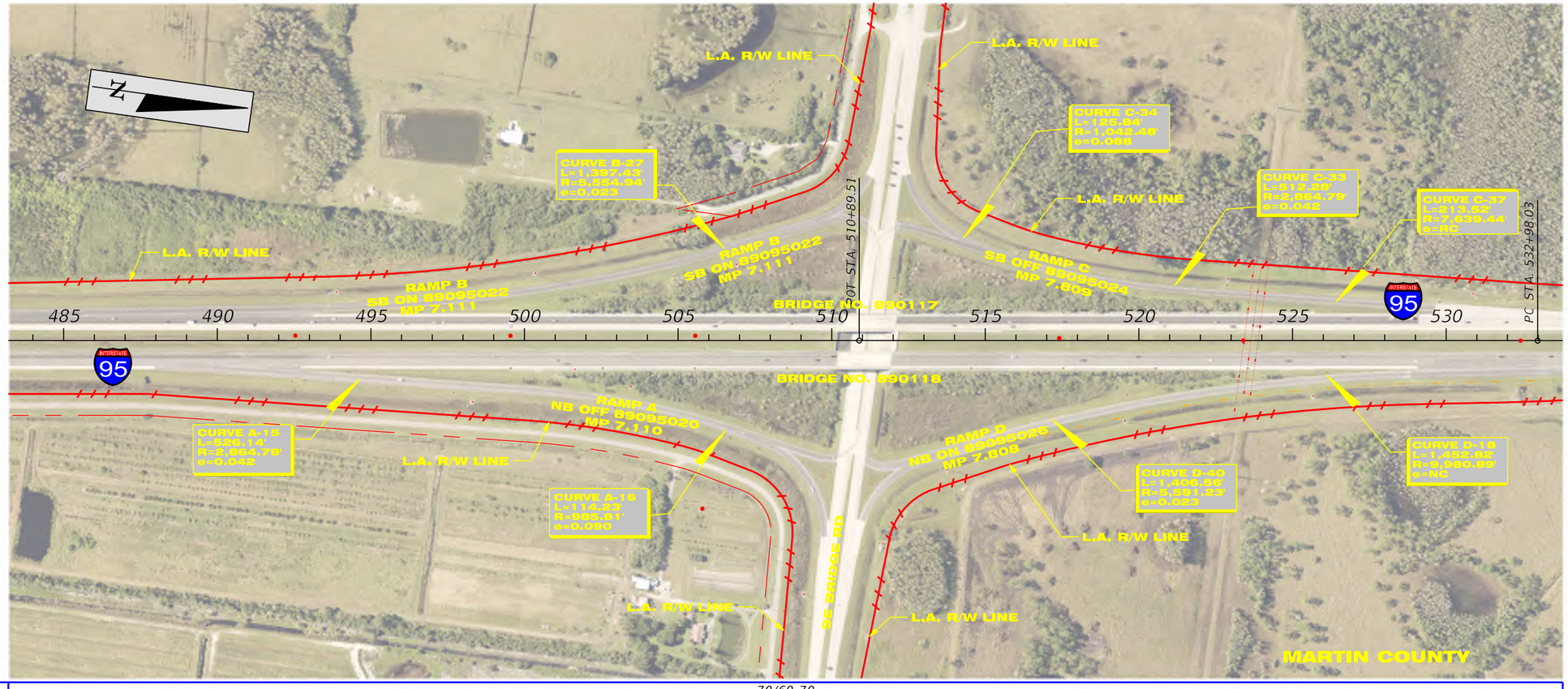
(3*) TAPER TYPE, SINGLE-LANE; TAPER LENGTH= 875'

RAMP	A	B
DS (mi/hr)	35-50	35-50
LANE WD (ft)	15	15
IN SHLDR WD (ft)	6	6
OUT SHLDR WD (ft)	6	6

RAMP	C	D
DS (mi/hr)	35-50	35-50
LANE WD (ft)	15	15
IN SHLDR WD (ft)	6	6
OUT SHLDR WD (ft)	6	6

0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET



NORTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
	GRADE (%)	-0.0155	2.1980		-2.1840	-0.0133
	LENGTH OF CURVE (ft)	800	2,200			800
	K VALUE	361	502			369
	STOPPING SIGHT DISTANCE (ft)	N/A	1,040			N/A
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄					
	SUPERELEVATION					
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12			3	
	INSIDE SHOULDER WIDTH (ft)	12			12	
	OUTSIDE SHOULDER WIDTH (ft)	12			12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	TAPER TYPE, SINGLE-LANE; TAPER LENGTH=1,050'				3*
	VERTICAL CLEARANCE (ft)			16.70		
	HORIZONTAL CLEARANCE (ft)			56.00		

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

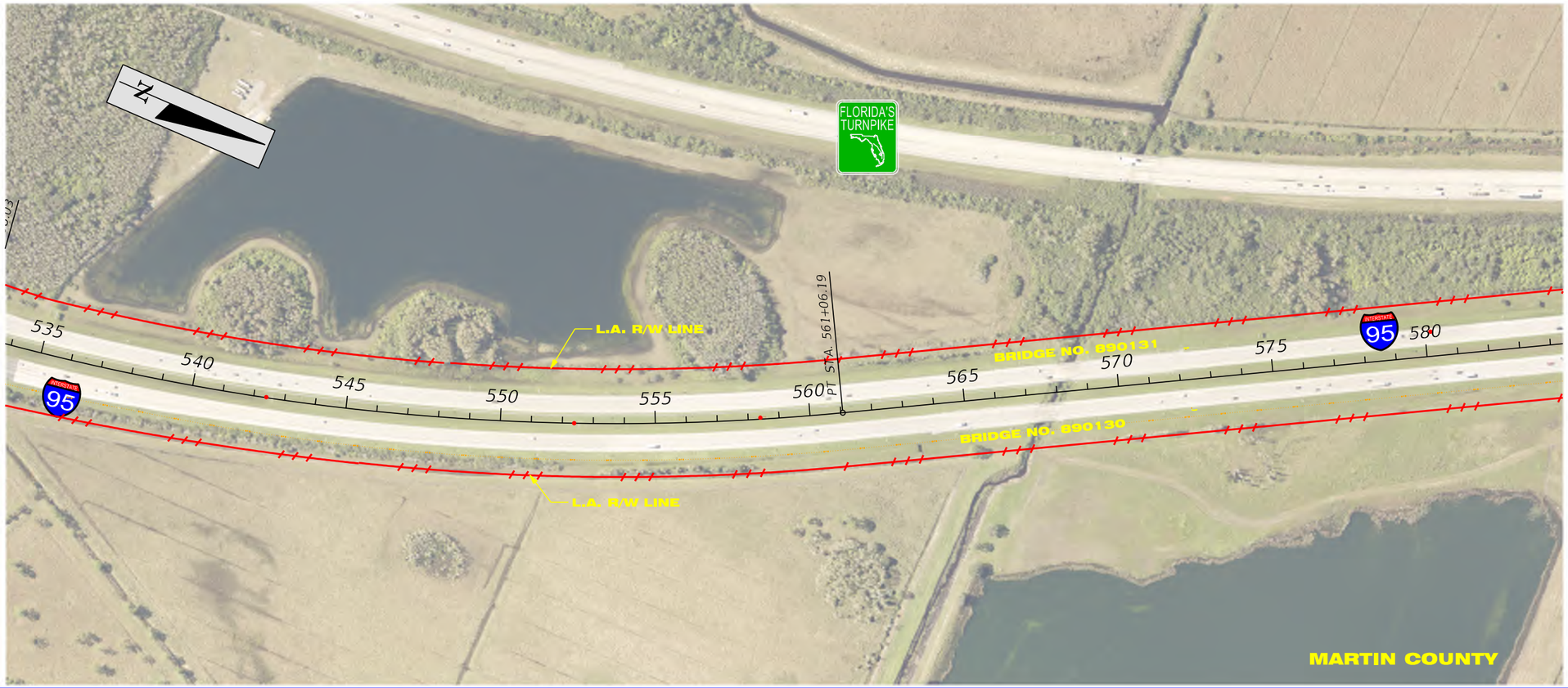
SHEET NO. 9

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SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)	-0.0133	
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	7,661.57	
	SUPERELEVATION	0.029	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		N/A
	HORIZONTAL CLEARANCE (ft)		N/A
	TOTAL MEDIAN WIDTH (ft)	88	
	SB/NB R/W WIDTH (ft)	174	

(1*) PARALLEL TYPE, SINGLE-LANE;
TAPER LENGTH=865'



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)	-0.0133	
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	7,661.57	
	SUPERELEVATION	0.029	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	1*	
	VERTICAL CLEARANCE (ft)		N/A
	HORIZONTAL CLEARANCE (ft)		N/A

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

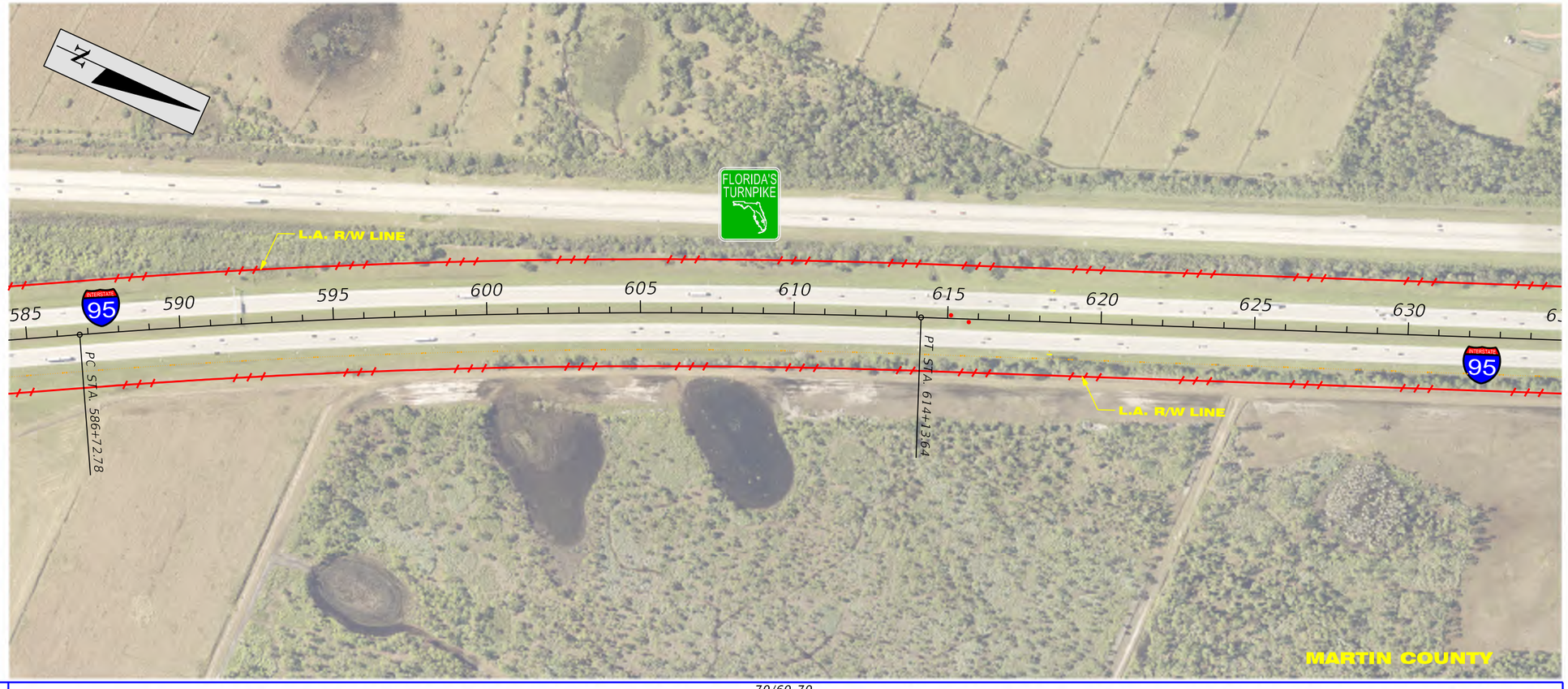
MAINLINE PLAN SHEETS

SHEET NO.
10

CGALLARD 5/1/2019 1:46:24 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
VERTICAL ALIGNMENT	GRADE (%)			
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		24,555.48	
	SUPERELEVATION			
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			
	TOTAL MEDIAN WIDTH (ft)	88		
	SB/NB R/W WIDTH (ft)	174		



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
VERTICAL ALIGNMENT	GRADE (%)			
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		24,555.48	
	SUPERELEVATION			
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

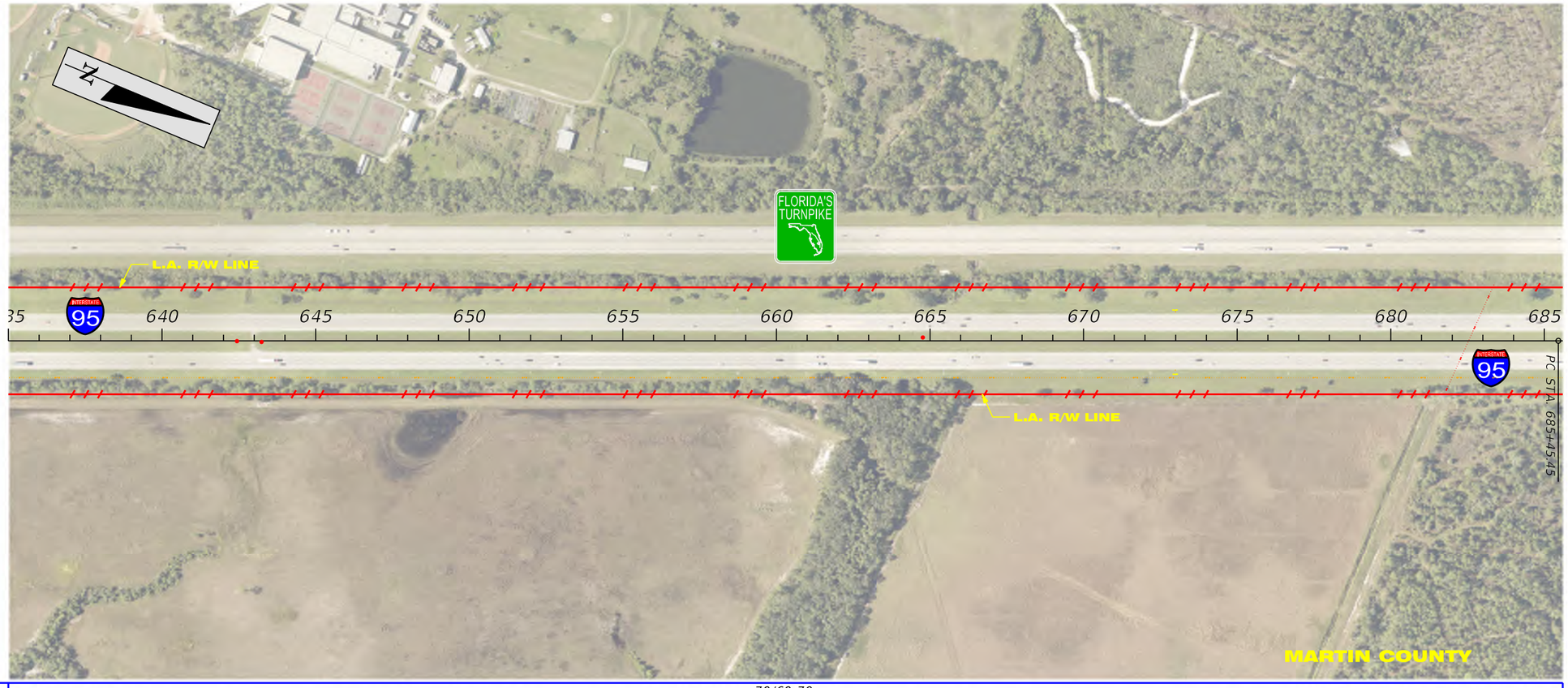
TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
11

CGALLARD 5/1/2019 1:47:01 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	
	SUPERELEVATION	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	
	HORIZONTAL CLEARANCE (ft)	
	TOTAL MEDIAN WIDTH (ft)	88
	SB/NB R/W WIDTH (ft)	174



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	
	SUPERELEVATION	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	
	HORIZONTAL CLEARANCE (ft)	

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

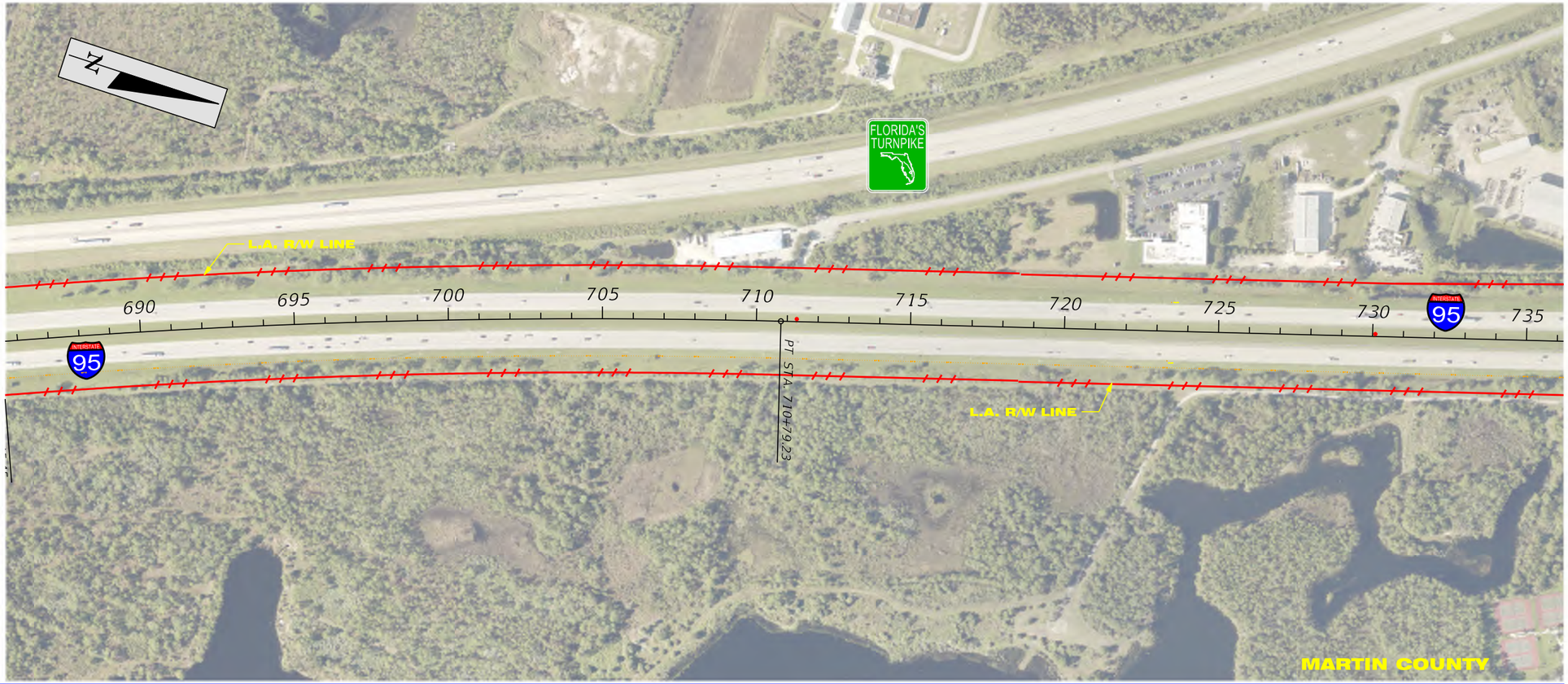
SHEET NO.

12

CGALLARD 5/1/2019 1:47:42 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
VERTICAL ALIGNMENT	GRADE (%)		-0.101	-0.042
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	24,555.56		
	SUPERELEVATION			
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			
	TOTAL MEDIAN WIDTH (ft)	88		
	SB/NB R/W WIDTH (ft)	174		



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
VERTICAL ALIGNMENT	GRADE (%)		-0.101	-0.042
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	24,555.56		
	SUPERELEVATION			
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

SHEET NO. 13

CGALLARD 5/3/2019 9:27:25 AM PW:\

SOUTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
	GRADE (%)	-0.042	2.10		-2.10	0.00
	LENGTH OF CURVE (ft)	800	2,200		800	
	K VALUE	373	524		381	
	STOPPING SIGHT DISTANCE (ft)	N/A	1,013		N/A	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	11,459.16				
	SUPERELEVATION	0.02				
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	1*				2*
	VERTICAL CLEARANCE (ft)	39.75				
	HORIZONTAL CLEARANCE (ft)	N/A				
	TOTAL MEDIAN WIDTH (ft)	88				
	SB/NB R/W WIDTH (ft)	VARIES / 174				

(1*) TAPER TYPE, SINGLE LANE;
TAPER LENGTH=720'

(2*) TAPER TYPE, SINGLE LANE;
TAPER LENGTH=645'

(3*) TAPER TYPE, SINGLE LANE;
TAPER LENGTH=415'

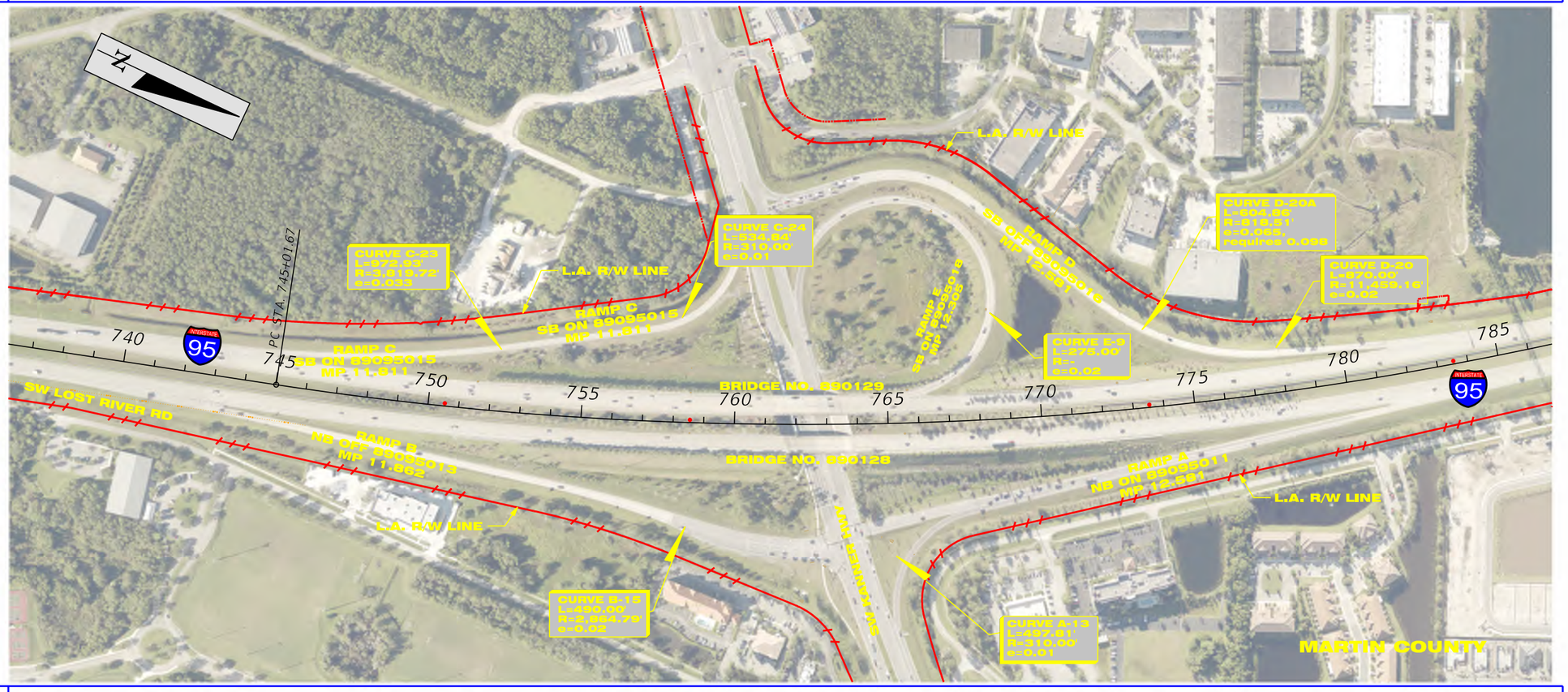
(4*) PARALLEL TYPE, SINGLE LANE;
TAPER LENGTH=923'

RAMP	A	B
DS (mi/hr)	35-70	35
LANE WD (ft)	12-15	15
IN SHLDR WD (ft)	6	6
OUT SHLDR WD (ft)	6	6

RAMP	C	D	E
DS (mi/hr)	35-70	35-50	35
LANE WD (ft)	15	15	15
IN SHLDR WD (ft)	6	6	6
OUT SHLDR WD (ft)	6	6	6

0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET



NORTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)					
	GRADE (%)	-0.042	2.10		-2.10	0.00
	LENGTH OF CURVE (ft)	800	2,200		800	
	K VALUE	373	524		381	
	STOPPING SIGHT DISTANCE (ft)	N/A	1013		N/A	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	11,459.16				
	SUPERELEVATION	0.02				
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	3*				4*
	VERTICAL CLEARANCE (ft)	39.75				
	HORIZONTAL CLEARANCE (ft)	N/A				

I-95 Multimodal Master Plan
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FDOT-District 4

TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
14

CGALLARD 5/3/2019 9:28:22 AM PW:\

SOUTHBOUND

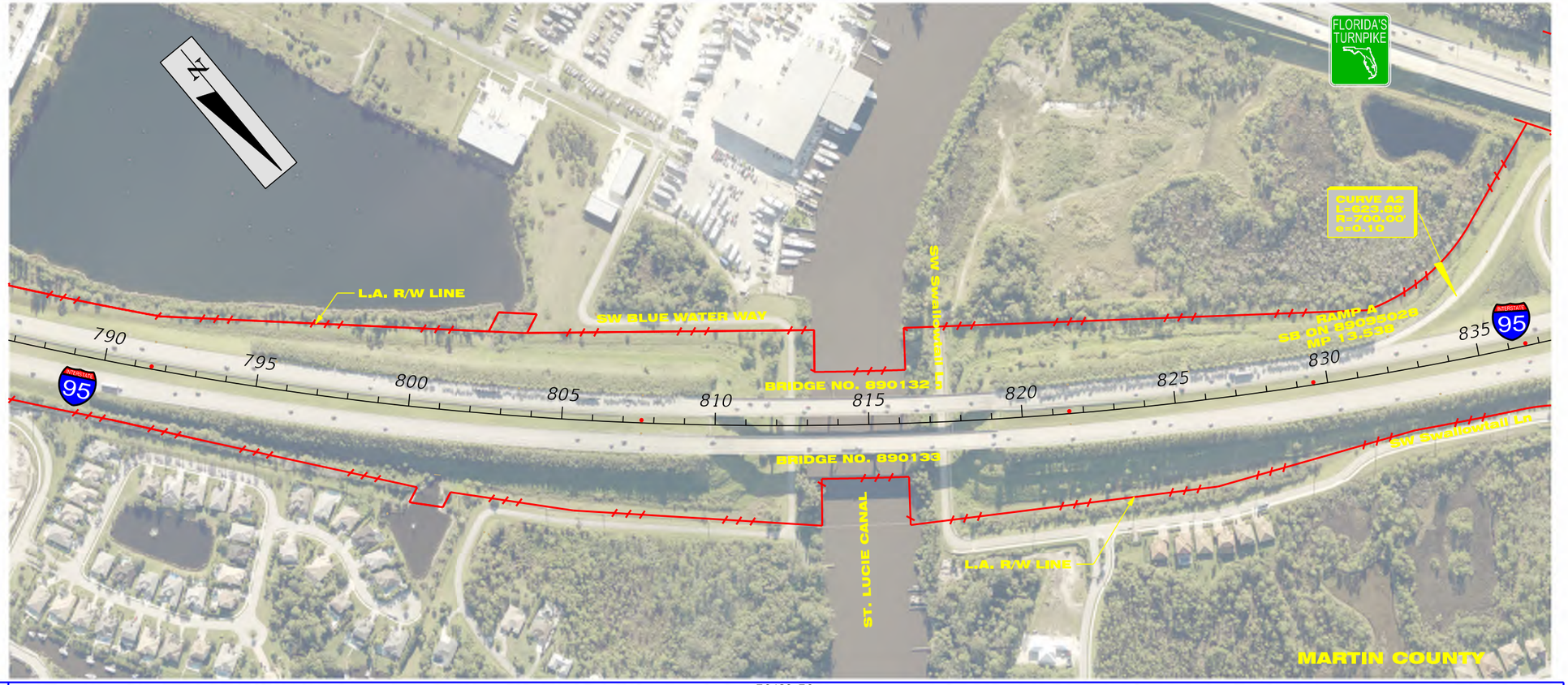
	DESIGN/POSTED SPEED (mi/hr)	70/60-70								
VERTICAL ALIGNMENT	GRADE (%)	0.00		2.75			-2.75			
	LENGTH OF CURVE (ft)		800			2,830				1000
	K VALUE		291			515				223
	STOPPING SIGHT DISTANCE (ft)		N/A			1,053				N/A
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	11,459.16								
	SUPERELEVATION	0.02								
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12								
	INSIDE SHOULDER WIDTH (ft)	12								
	OUTSIDE SHOULDER WIDTH (ft)	12								
INTER-CHANGE CROSS ROAD	RAMP TERMINAL							1*		
	VERTICAL CLEARANCE (ft)				N/A					
	HORIZONTAL CLEARANCE (ft)				N/A					
	TOTAL MEDIAN WIDTH (ft)	88								
	SB/NB R/W WIDTH (ft)	VARIES / (174-200)								

(1*) PARALLEL TYPE, SINGLE-LANE; TAPER LENGTH=810'

(2*) PARALLEL TYPE, SINGLE LANE; TAPER LENGTH=923'

(3*) PARALLEL TYPE, SINGLE-LANE; TAPER LENGTH=818'

RAMP	A
DS (mi/hr)	30-50
LANE WD (ft)	12-15
IN SHLDR WD (ft)	6
OUT SHLDR WD (ft)	6



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70								
VERTICAL ALIGNMENT	GRADE (%)	0.00		2.75			-2.75			
	LENGTH OF CURVE (ft)		800			2,830				1000
	K VALUE		291			515				223
	STOPPING SIGHT DISTANCE (ft)		N/A			1,053				N/A
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	11,459.16								
	SUPERELEVATION	0.02								
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12								
	INSIDE SHOULDER WIDTH (ft)	12								
	OUTSIDE SHOULDER WIDTH (ft)	12								
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	2*						3*		
	VERTICAL CLEARANCE (ft)				N/A					
	HORIZONTAL CLEARANCE (ft)				N/A					

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TITLE:

MAINLINE PLAN SHEETS

SHEET NO. 15

CGALLARD 5/3/2019 9:29:30 AM PW:\

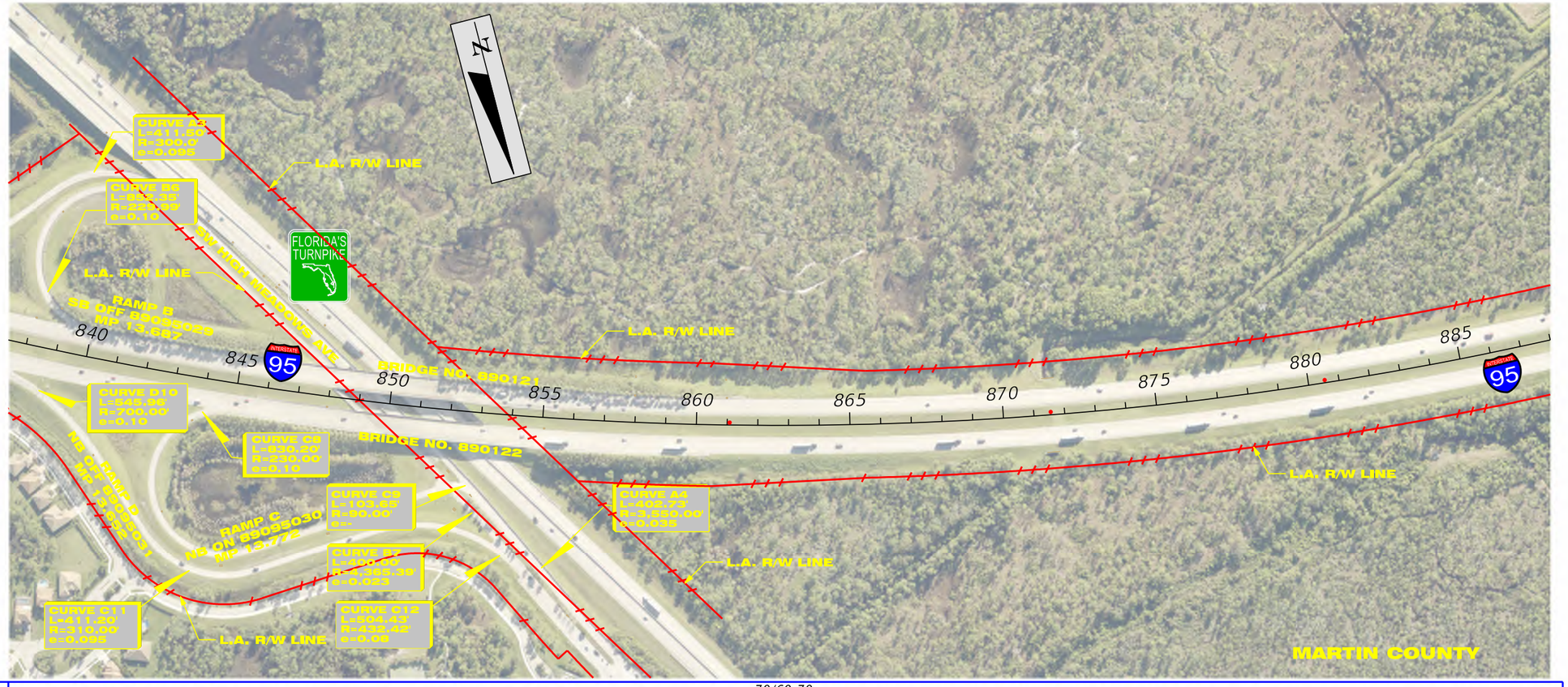
SOUTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
	GRADE (%)	1.73			-1.50	0.095
	LENGTH OF CURVE (ft)	1,000	1,700		1,000	
	K VALUE	223	526		627	
	STOPPING SIGHT DISTANCE (ft)	N/A	1,065		N/A	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	11,459.16				
	SUPERELEVATION	0.02				
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	PARALLEL TYPE, SINGLE-LANE; TAPER LENGTH=1475'				
	VERTICAL CLEARANCE (ft)	16.50				
	HORIZONTAL CLEARANCE (ft)	N/A				
	TOTAL MEDIAN WIDTH (ft)	88				
	SB/NB R/W WIDTH (ft)	VARIES (174-200)				

RAMP	B	C	D
DS (mi/hr)	30	30	35
LANE WD (ft)	15	15	15
IN SHLDR WD (ft)	6	6	6
OUT SHLDR WD (ft)	6	6	6

0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET



NORTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
	GRADE (%)	1.73			-1.50	0.095
	LENGTH OF CURVE (ft)	1,000	1,700		1,000	
	K VALUE	223	526		627	
	STOPPING SIGHT DISTANCE (ft)	N/A	1,065		N/A	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	11,459.16				
	SUPERELEVATION	0.02				
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	PARALLEL TYPE, SINGLE-LANE; TAPER LENGTH=1385'				
	VERTICAL CLEARANCE (ft)	16.83				
	HORIZONTAL CLEARANCE (ft)	N/A				

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
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FDOT-District 4

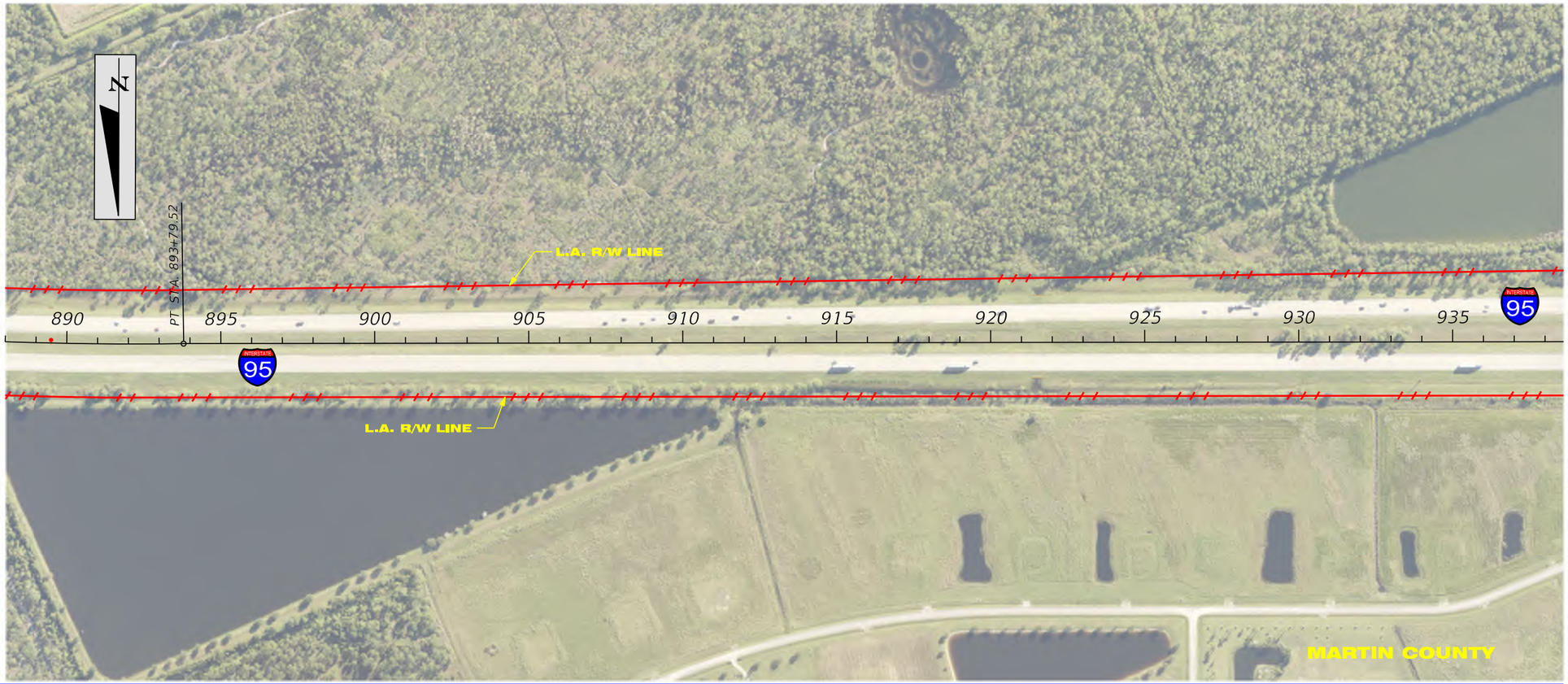
TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
16

CGALLARD 5/3/2019 9:30:29 AM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)	0.095	0.105
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	11,459.16	
	SUPERELEVATION	0.02	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		
	TOTAL MEDIAN WIDTH (ft)	88	88 – 263
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)	



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)	0.095	0.105
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	11,459.16	
	SUPERELEVATION	0.02	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		

FDOT

Multimodal Master Plan TREASURE COAST

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FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

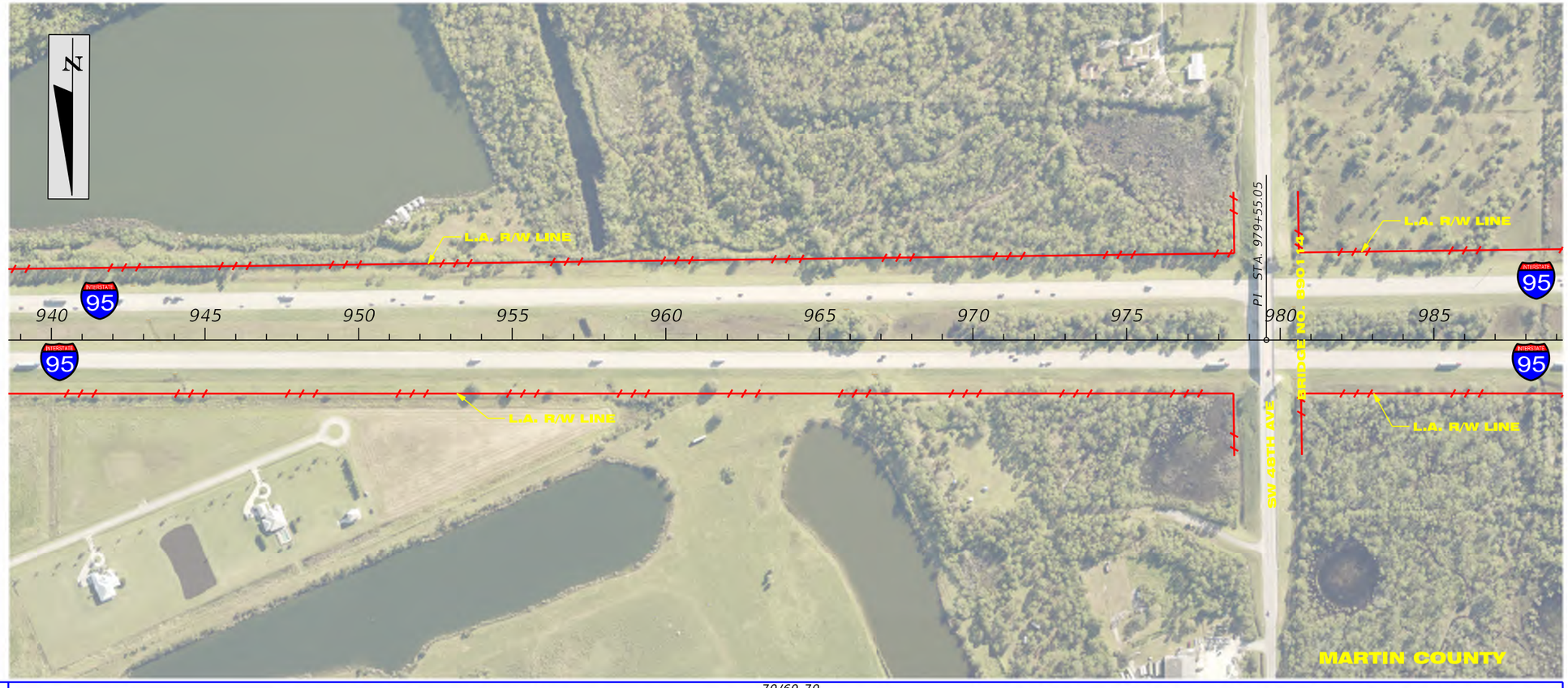
SHEET NO.
17

CGALLARD 5/3/2019 9:31:19 AM PW:\

SOUTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70																
	GRADE (%)	0.105		0.0415		0.09		0.00		0.23				0.00				
	LENGTH OF CURVE (ft)							800				1,000						
	K VALUE							3,478				4,348						
	STOPPING SIGHT DISTANCE (ft)							N/A				5,191						
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄																	
	SUPERELEVATION																	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12																
	INSIDE SHOULDER WIDTH (ft)	12																
	OUTSIDE SHOULDER WIDTH (ft)	12																
INTER-CHANGE CROSS ROAD	RAMP TERMINAL																	
	VERTICAL CLEARANCE (ft)															1*		
	HORIZONTAL CLEARANCE (ft)															2*		
	TOTAL MEDIAN WIDTH (ft)	88 - 263																
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)																

(1*) 16.50
(2*) NB-R(30)-L(42)
SB-R(30)-L(42)



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70																
	GRADE (%)	0.105		0.0415		0.09		0.00		0.23				0.00				
	LENGTH OF CURVE (ft)							800				1,000						
	K VALUE							3,478				4,348						
	STOPPING SIGHT DISTANCE (ft)							N/A				5.191						
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄																	
	SUPERELEVATION																	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12																
	INSIDE SHOULDER WIDTH (ft)	12																
	OUTSIDE SHOULDER WIDTH (ft)	12																
INTER-CHANGE CROSS ROAD	RAMP TERMINAL																	
	VERTICAL CLEARANCE (ft)															1*		
	HORIZONTAL CLEARANCE (ft)															2*		

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TITLE:

MAINLINE PLAN SHEETS

SHEET NO. 18

CGALLARD 5/3/2019 9:32:09 AM PW:\

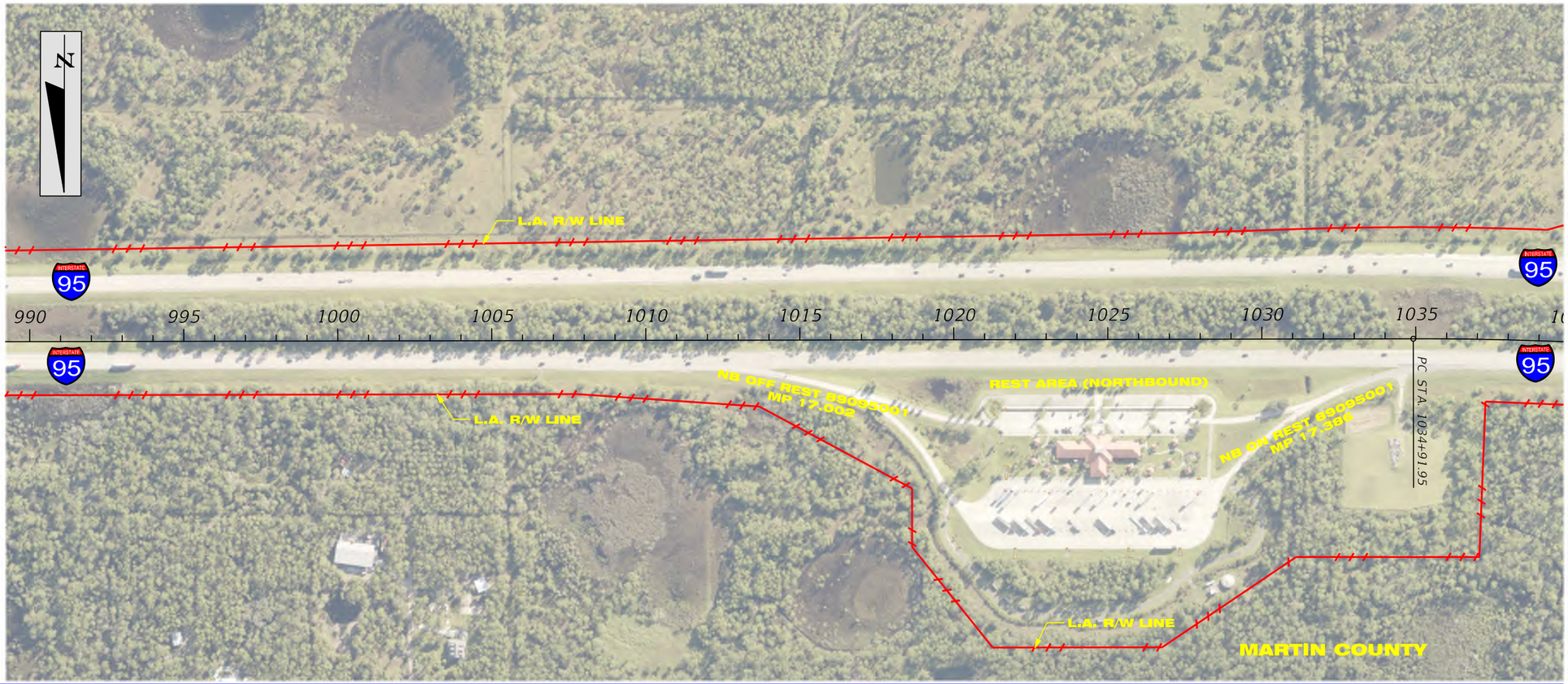
SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70			
VERTICAL ALIGNMENT	GRADE (%)	0.00	0.055	0.00	
	LENGTH OF CURVE (ft)				
	K VALUE				
	STOPPING SIGHT DISTANCE (ft)				
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄				11,459.156
	SUPERELEVATION				0.02
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12			
	INSIDE SHOULDER WIDTH (ft)	12			
	OUTSIDE SHOULDER WIDTH (ft)	12			
INTER-CHANGE CROSS ROAD	RAMP TERMINAL				1*
	VERTICAL CLEARANCE (ft)				
	HORIZONTAL CLEARANCE (ft)				
	TOTAL MEDIAN WIDTH (ft)	88 - 263			
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)			

(1*) PARALLEL TYPE, SINGLE-LANE;
TAPER LENGTH=657'

(2*) PARALLEL TYPE, SINGLE-LANE;
TAPER LENGTH=430'

(3*) PARALLEL TYPE, SINGLE-LANE;
TAPER LENGTH=530'



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70			
VERTICAL ALIGNMENT	GRADE (%)	0.00	0.055		
	LENGTH OF CURVE (ft)				
	K VALUE				
	STOPPING SIGHT DISTANCE (ft)				
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄				11,459.156
	SUPERELEVATION				0.02
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12			
	INSIDE SHOULDER WIDTH (ft)	12			
	OUTSIDE SHOULDER WIDTH (ft)	12			
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		2*		3*
	VERTICAL CLEARANCE (ft)				
	HORIZONTAL CLEARANCE (ft)				

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TITLE:

MAINLINE PLAN SHEETS

SHEET NO. 19

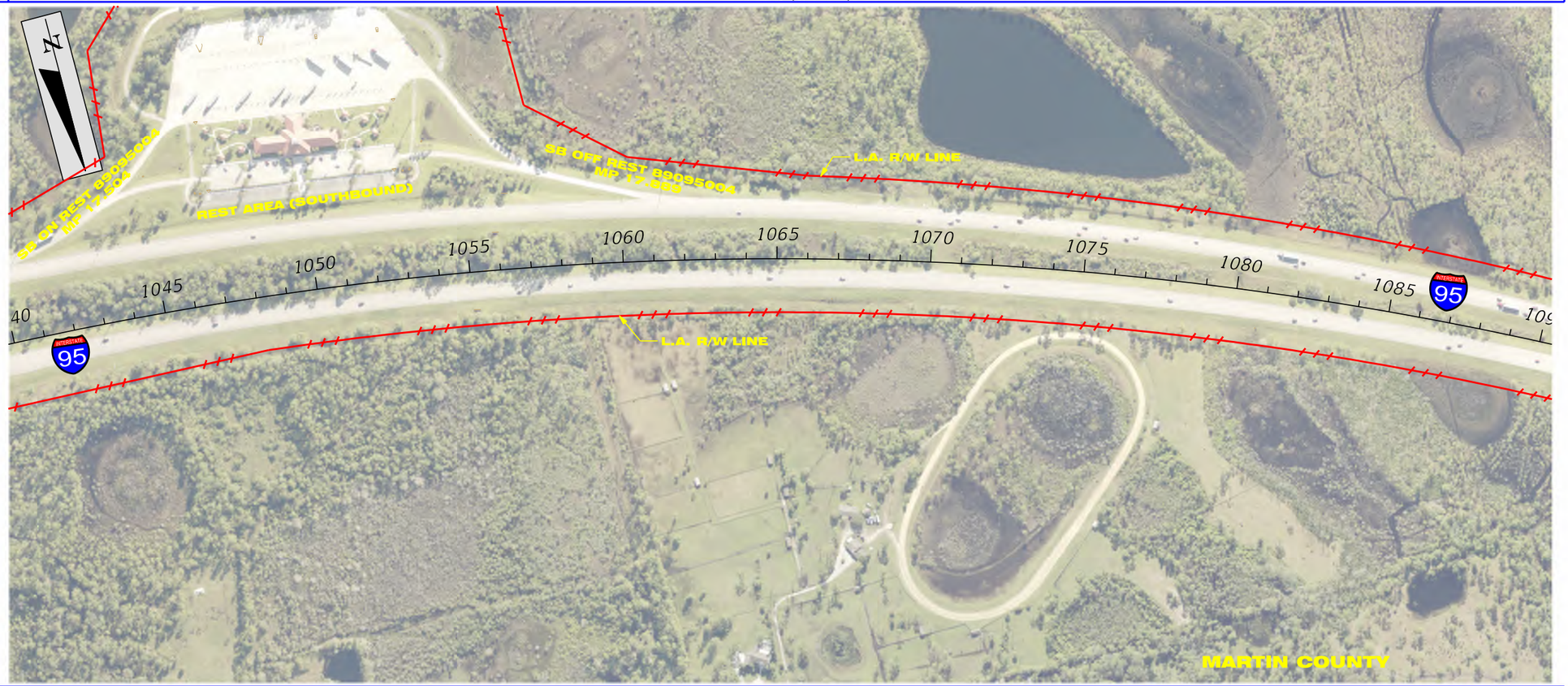
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SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	0.00		70/60-70		
VERTICAL ALIGNMENT	GRADE (%)			0.20		0.00
	LENGTH OF CURVE (ft)		800		1,000	
	K VALUE		4,000		5,000	
	STOPPING SIGHT DISTANCE (ft)		N/A		5,895	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	11,459.156				
	SUPERELEVATION	0.02				
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			1*		
	VERTICAL CLEARANCE (ft)					
	HORIZONTAL CLEARANCE (ft)					
	TOTAL MEDIAN WIDTH (ft)	88 - 263				
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)				

(1*) PARALLEL TYPE, SINGLE-LANE;
TAPER LENGTH=405'

(2*) PARALLEL TYPE, SINGLE-LANE;
TAPER LENGTH=530'



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
VERTICAL ALIGNMENT	GRADE (%)	0.055	0.00	-0.20		0.00
	LENGTH OF CURVE (ft)		800		1,000	
	K VALUE		4,000		5,000	
	STOPPING SIGHT DISTANCE (ft)		N/A		5,895	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	11,459.156				
	SUPERELEVATION	0.02				
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	2*				
	VERTICAL CLEARANCE (ft)					
	HORIZONTAL CLEARANCE (ft)					

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

SHEET NO.
20

CGALLARD 5/3/2019 9:33:49 AM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
VERTICAL ALIGNMENT	GRADE (%)	0.08	0.00		0.15	0.00
	LENGTH OF CURVE (ft)					
	K VALUE					
	STOPPING SIGHT DISTANCE (ft)					
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	11,459.156				
	SUPERELEVATION	0.02				
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL					
	VERTICAL CLEARANCE (ft)					
	HORIZONTAL CLEARANCE (ft)					
	TOTAL MEDIAN WIDTH (ft)	88 - 263	88			
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)				



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
VERTICAL ALIGNMENT	GRADE (%)	0.00			0.15	0.00
	LENGTH OF CURVE (ft)					
	K VALUE					
	STOPPING SIGHT DISTANCE (ft)					
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	11,459.156				
	SUPERELEVATION	0.02				
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL					
	VERTICAL CLEARANCE (ft)					
	HORIZONTAL CLEARANCE (ft)					

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

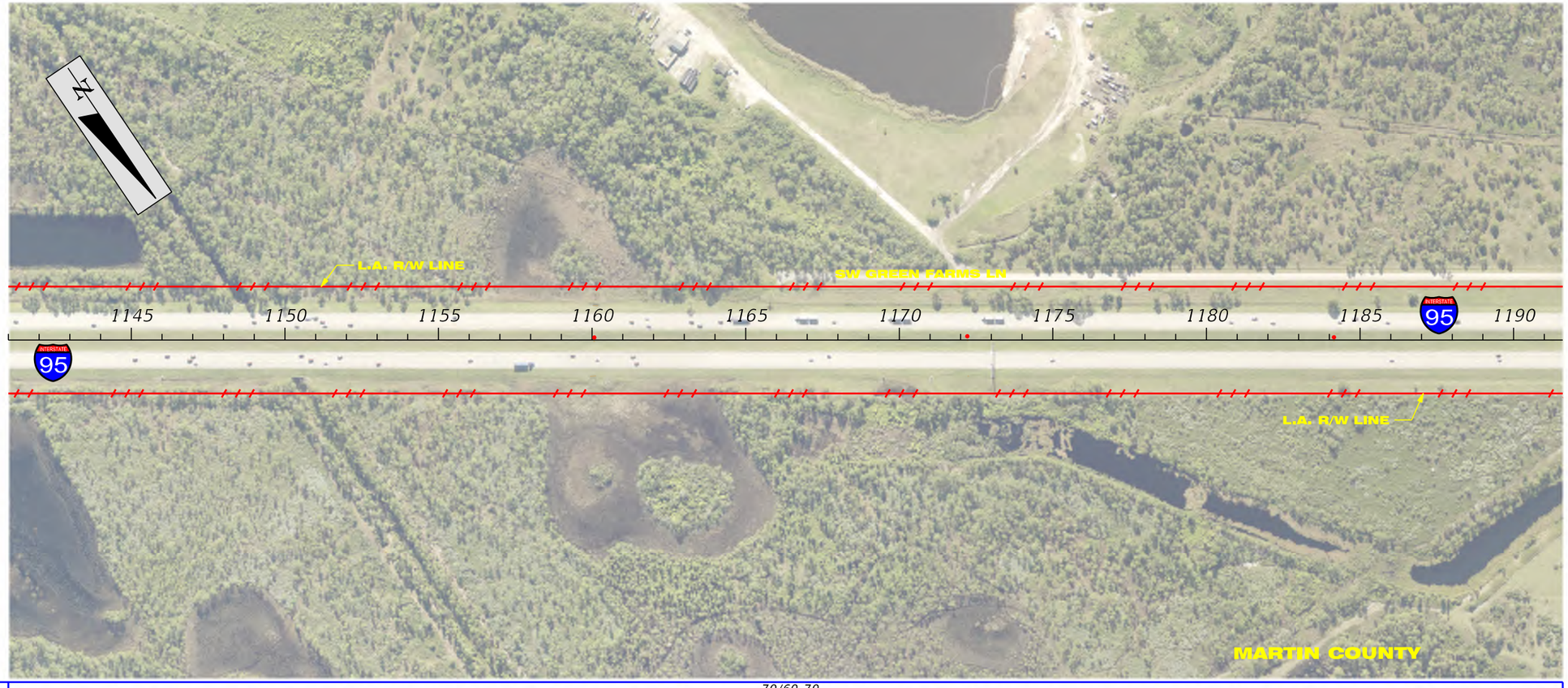
MAINLINE PLAN SHEETS

SHEET NO. 21

CGALLARD 5/3/2019 9:34:41 AM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
VERTICAL ALIGNMENT	GRADE (%)	0.00		0.22		0.00
	LENGTH OF CURVE (ft)	800			1,000	
	K VALUE	3,636			4,545	
	STOPPING SIGHT DISTANCE (ft)	N/A			5,404	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄					
	SUPERELEVATION					
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL					
	VERTICAL CLEARANCE (ft)					
	HORIZONTAL CLEARANCE (ft)					
	TOTAL MEDIAN WIDTH (ft)	88				
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)				



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
VERTICAL ALIGNMENT	GRADE (%)	0.00		0.22		
	LENGTH OF CURVE (ft)	800			1,000	
	K VALUE	3,636			4,545	
	STOPPING SIGHT DISTANCE (ft)	N/A			5,404	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄					
	SUPERELEVATION					
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL					
	VERTICAL CLEARANCE (ft)					
	HORIZONTAL CLEARANCE (ft)					

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
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TITLE:

MAINLINE PLAN SHEETS

SHEET NO. 22

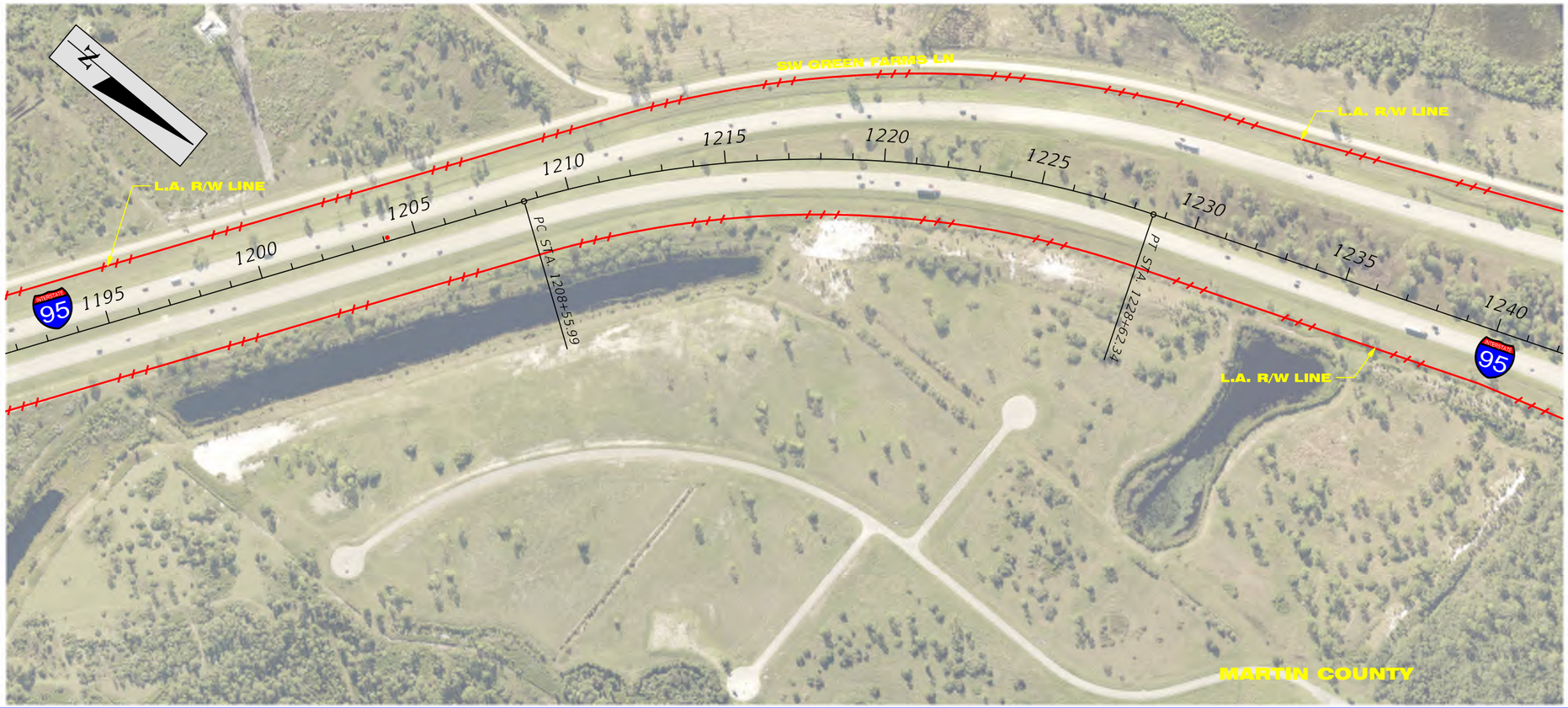
CGALLARD 5/3/2019 9:35:27 AM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70						
VERTICAL ALIGNMENT	GRADE (%)	0.00	-0.50	-0.115	0.00	0.50	0.00	
	LENGTH OF CURVE (ft)	1,000						
	K VALUE	4,545						
	STOPPING SIGHT DISTANCE (ft)	5,404						
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄			3,274.05				
	SUPERELEVATION			0.066				
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12						
	INSIDE SHOULDER WIDTH (ft)	12						
	OUTSIDE SHOULDER WIDTH (ft)	12						
INTER-CHANGE CROSS ROAD	RAMP TERMINAL							1*
	VERTICAL CLEARANCE (ft)							
	HORIZONTAL CLEARANCE (ft)							
	TOTAL MEDIAN WIDTH (ft)	88	88 - 582					
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)						

(1*) PARALLEL TYPE, SINGLE-LANE;
TAPER LENGTH=605'

(2*) TAPER TYPE, SINGLE-LANE;
TAPER LENGTH=305'



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70						
VERTICAL ALIGNMENT	GRADE (%)	0.00	-0.115	0.00	0.50	0.00		
	LENGTH OF CURVE (ft)	1,000						
	K VALUE	4,545						
	STOPPING SIGHT DISTANCE (ft)	5,404						
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		3,274.05					
	SUPERELEVATION		0.066					
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12						
	INSIDE SHOULDER WIDTH (ft)	12						
	OUTSIDE SHOULDER WIDTH (ft)	12						
INTER-CHANGE CROSS ROAD	RAMP TERMINAL							2*
	VERTICAL CLEARANCE (ft)							
	HORIZONTAL CLEARANCE (ft)							

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
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FDOT-District 4

TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
23

CGALLARD 5/3/2019 9:36:13 AM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70									
VERTICAL ALIGNMENT	GRADE (%)	0.00		2.27			-2.27			0.00	
	LENGTH OF CURVE (ft)		800		1,800			800			
	K VALUE		352		396			352			
	STOPPING SIGHT DISTANCE (ft)		N/A		924			N/A			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄										
	SUPERELEVATION										
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12									
	INSIDE SHOULDER WIDTH (ft)	12									
	OUTSIDE SHOULDER WIDTH (ft)	12									
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	1*							2*		
	VERTICAL CLEARANCE (ft)				16.36						
	HORIZONTAL CLEARANCE (ft)				N/A						
	TOTAL MEDIAN WIDTH (ft)	88 - 582									
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)									

(1*) PARALLEL TYPE, SINGLE-LANE;
TAPER LENGTH=605'

(2*) TAPER TYPE, SINGLE-LANE;
TAPER LENGTH=317'

(3*) TAPER TYPE, SINGLE-LANE;
TAPER LENGTH=305'

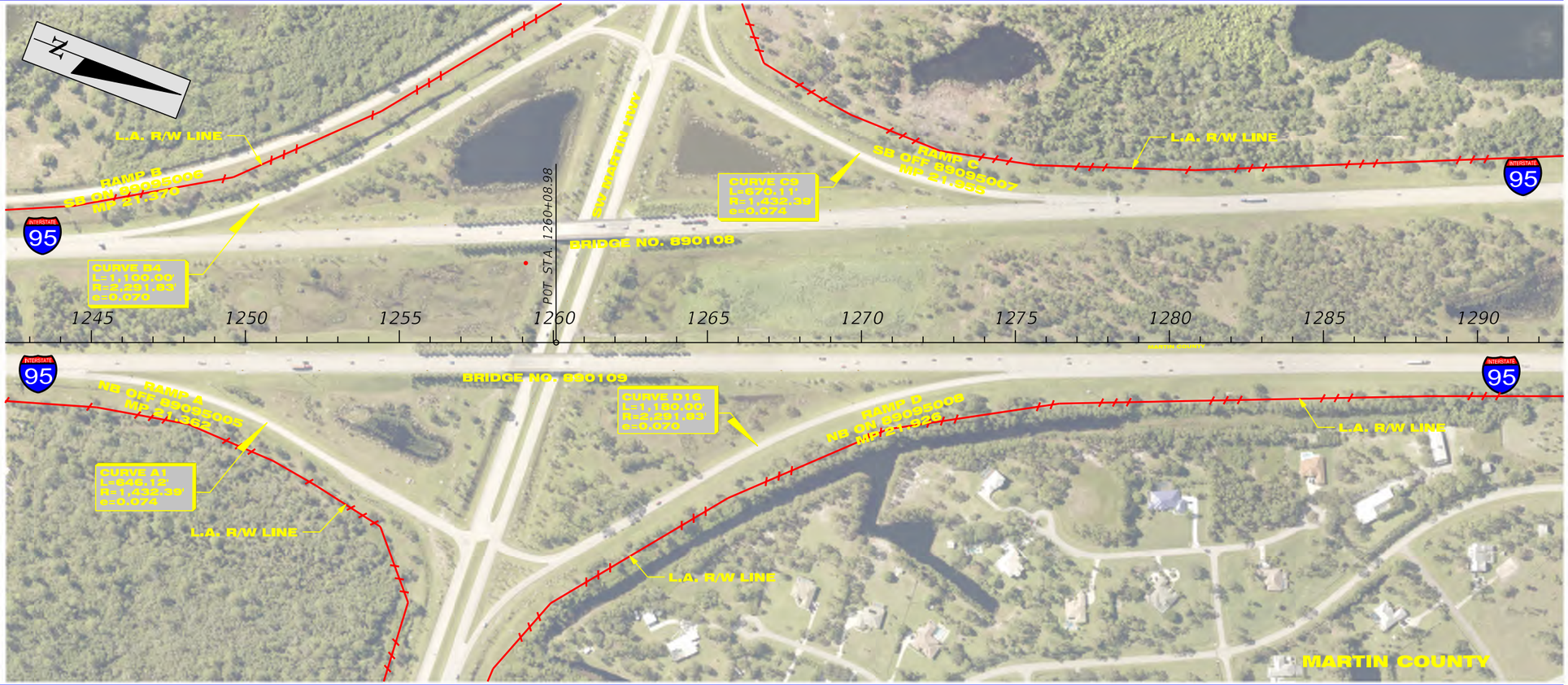
(4*) TAPER TYPE, SINGLE-LANE;
TAPER LENGTH=667'

RAMP	A	B
DS (mi/hr)	35-50	35-55
LANE WD (ft)	15	15
IN SHLDR WD (ft)	6	6
OUT SHLDR WD (ft)	6	6

RAMP	C	D
DS (mi/hr)	35-50	35-55
LANE WD (ft)	15	15
IN SHLDR WD (ft)	6	6
OUT SHLDR WD (ft)	6	6

0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET



NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70									
VERTICAL ALIGNMENT	GRADE (%)	0.00		2.27			-2.27			0.00	
	LENGTH OF CURVE (ft)		800		1,800			800			
	K VALUE		352		396			352			
	STOPPING SIGHT DISTANCE (ft)		N/A		924			N/A			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄										
	SUPERELEVATION										
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12									
	INSIDE SHOULDER WIDTH (ft)	12									
	OUTSIDE SHOULDER WIDTH (ft)	12									
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	3*							4*		
	VERTICAL CLEARANCE (ft)				16.32						
	HORIZONTAL CLEARANCE (ft)				N/A						

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TITLE:

MAINLINE PLAN SHEETS

SHEET NO.
24

CGALLARD 5/3/2019 9:38:31 AM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
VERTICAL ALIGNMENT	GRADE (%)	-0.057	-0.133	0.00
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT	11,459.156		
	SUPERELEVATION	RC		
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		PARALLEL TYPE, SINGLE-LANE; TAPER LENGTH=1946'	
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			
	TOTAL MEDIAN WIDTH (ft)	88 - 582		
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)		



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
VERTICAL ALIGNMENT	GRADE (%)	-0.069	-0.1379	0.00
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		24,555.33	
	SUPERELEVATION		NC	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			

FDOT

Multimodal Master Plan TREASURE COAST

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FDOT-District 4

TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
25

CGALLARD 5/3/2019 9:39:25 AM PW:\

SOUTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
	GRADE (%)			
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		24,555.33	
	SUPERELEVATION		NC	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	1*	2*	
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			
	TOTAL MEDIAN WIDTH (ft)	88 - 582		
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)		

(1*) PARALLEL TYPE, SINGLE-LANE;
TAPER LENGTH=1946'

(2*) PARALLEL TYPE, SINGLE-LANE;
TAPER LENGTH=747'



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
	GRADE (%)	0.00		-0.0726
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		17,188.73	
	SUPERELEVATION		NC	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
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FDOT-District 4

TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
26

CGALLARD 5/3/2019 9:40:11 AM PW:\

SOUTHBOUND

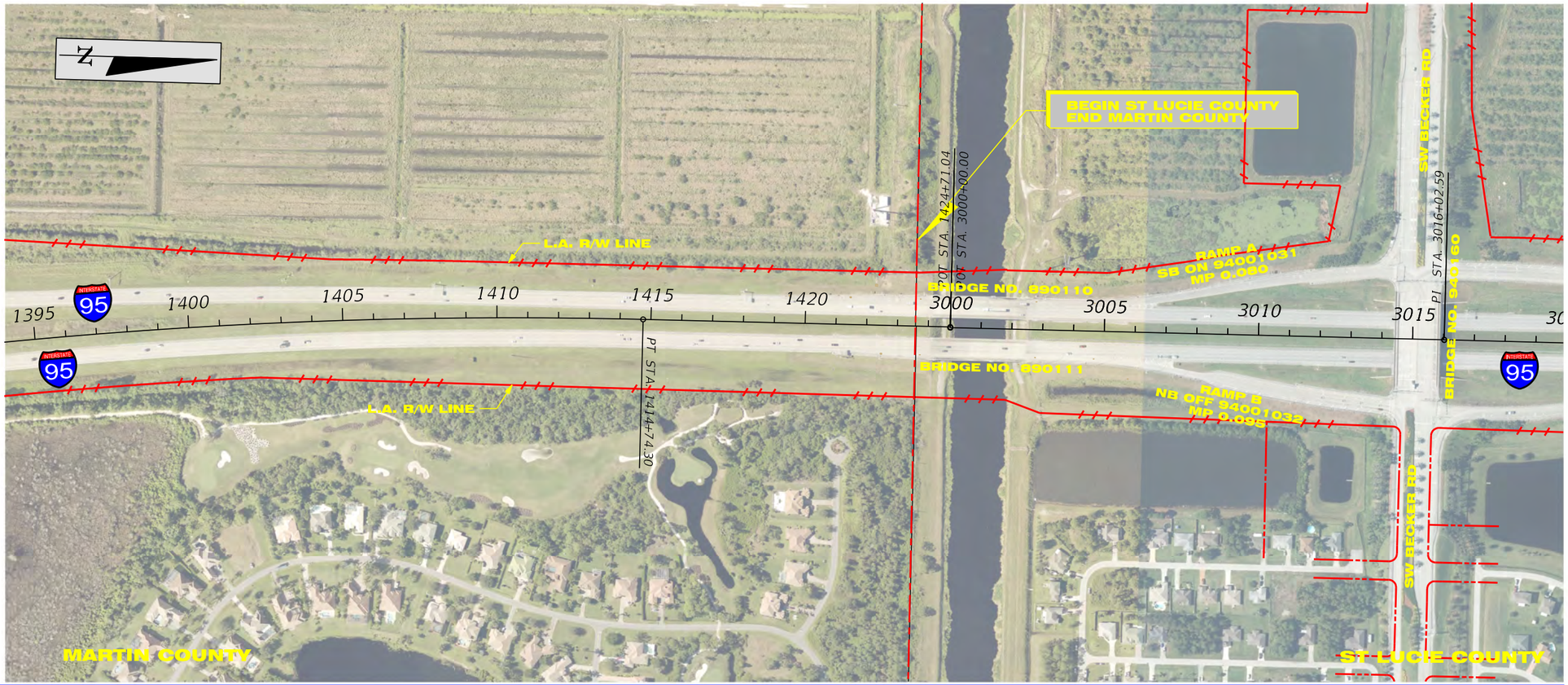
VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70							
	GRADE (%)	-0.0726			1.070		-1.070		
	LENGTH OF CURVE (ft)		1,000			2,000			
	K VALUE		875			935			
	STOPPING SIGHT DISTANCE (ft)		N/A			1,420			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	24,555.33							
	SUPERELEVATION	NC							
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12							
	INSIDE SHOULDER WIDTH (ft)	12							
	OUTSIDE SHOULDER WIDTH (ft)	12							
INTER-CHANGE CROSS ROAD	RAMP TERMINAL				1*				
	VERTICAL CLEARANCE (ft)				N/A			16.91	
	HORIZONTAL CLEARANCE (ft)				N/A			3*	
	TOTAL MEDIAN WIDTH (ft)	88 - 582		88					88 - 468
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)							

(1*) PARALLEL TYPE, SINGLE LANE; TAPER LENGTH=688'

(2*) PARALLEL TYPE, SINGLE LANE; TAPER LENGTH=575'

(3*) NB- R(36.92'); L(43.26')
SB- R(38.54'); L(42.13')

RAMP	A	B
DS (mi/hr)	-	-
LANE WD (ft)	12-15	15-12
IN SHLDR WD (ft)	10	10
OUT SHLDR WD (ft)	10	10



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70							
	GRADE (%)	-0.0726			1.070		-1.070		
	LENGTH OF CURVE (ft)		1,000			2,000			
	K VALUE		875			935			
	STOPPING SIGHT DISTANCE (ft)		N/A			1,420			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	17,188.73							
	SUPERELEVATION	NC							
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12							
	INSIDE SHOULDER WIDTH (ft)	12							
	OUTSIDE SHOULDER WIDTH (ft)	12							
INTER-CHANGE CROSS ROAD	RAMP TERMINAL				2*				
	VERTICAL CLEARANCE (ft)				N/A			16.91	
	HORIZONTAL CLEARANCE (ft)				N/A			3*	

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FDOT-District 4

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MAINLINE PLAN SHEETS

SHEET NO. 27

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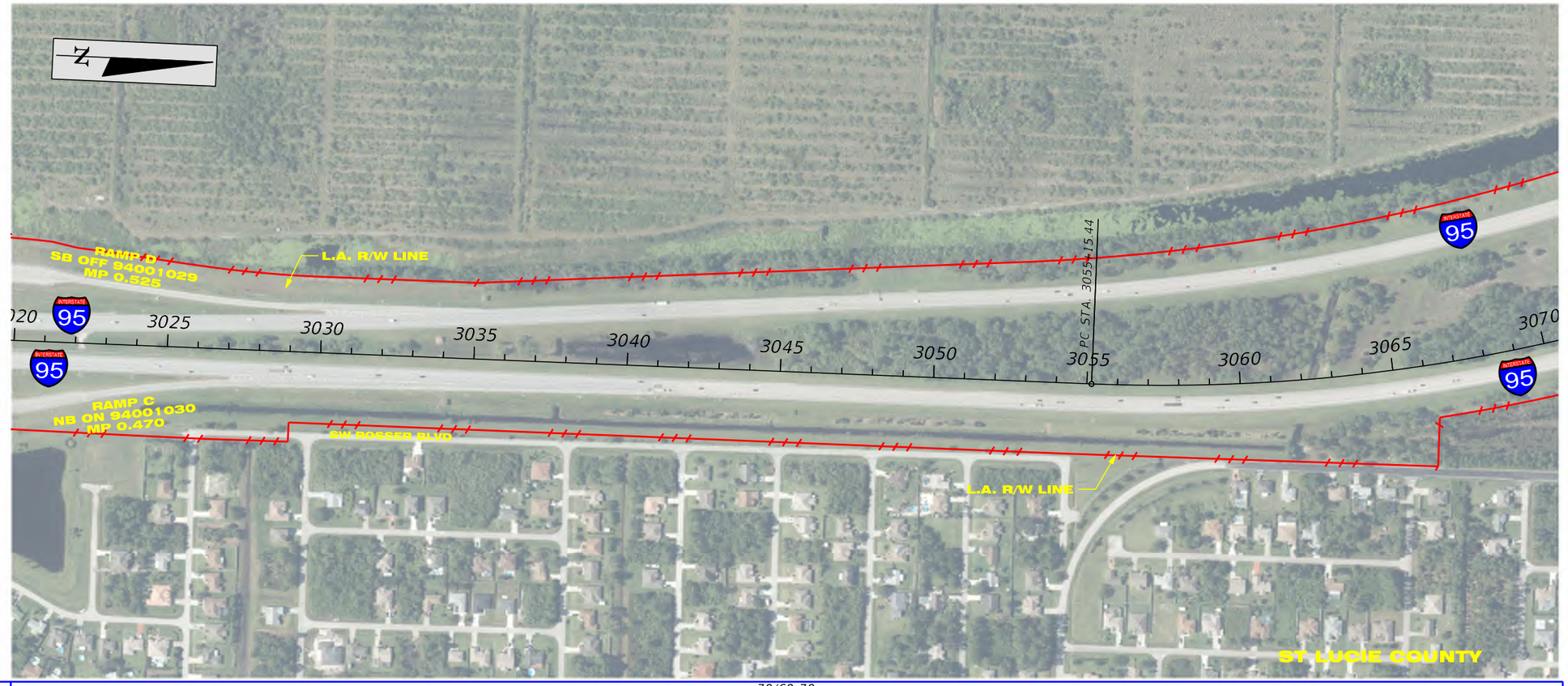
SOUTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)		70/60-70	
	GRADE (%)		NOT AVAILABLE	
	LENGTH OF CURVE (ft)	24,555.33	NOT AVAILABLE	
	K VALUE		NOT AVAILABLE	
	STOPPING SIGHT DISTANCE (ft)		NOT AVAILABLE	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT	24,555.33		7,161.97
	SUPERELEVATION	NC		-0.031
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)		3/12	
	INSIDE SHOULDER WIDTH (ft)		12	
	OUTSIDE SHOULDER WIDTH (ft)		12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	1*		
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			
	TOTAL MEDIAN WIDTH (ft)		88 - 468	
	SB/NB R/W WIDTH (ft)		VARIES (174 MIN)	

(1*) TAPER TYPE, SINGLE LANE;
TAPER LENGTH=513'

(2*) TAPER TYPE, SINGLE LANE;
TAPER LENGTH=799'

RAMP	C	D
DS (mi/hr)	-	-
LANE WD (ft)	15	15
IN SHLDR WD (ft)	6-10	10
OUT SHLDR WD (ft)	10	8



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)		70/60-70	
	GRADE (%)		NOT AVAILABLE	
	LENGTH OF CURVE (ft)		NOT AVAILABLE	
	K VALUE		NOT AVAILABLE	
	STOPPING SIGHT DISTANCE (ft)		NOT AVAILABLE	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄			5,729.58
	SUPERELEVATION			0.039
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)		3/12	
	INSIDE SHOULDER WIDTH (ft)		12	
	OUTSIDE SHOULDER WIDTH (ft)		12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	2*		
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			

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FPID No.: 436577-1-22-01
FDOT-District 4

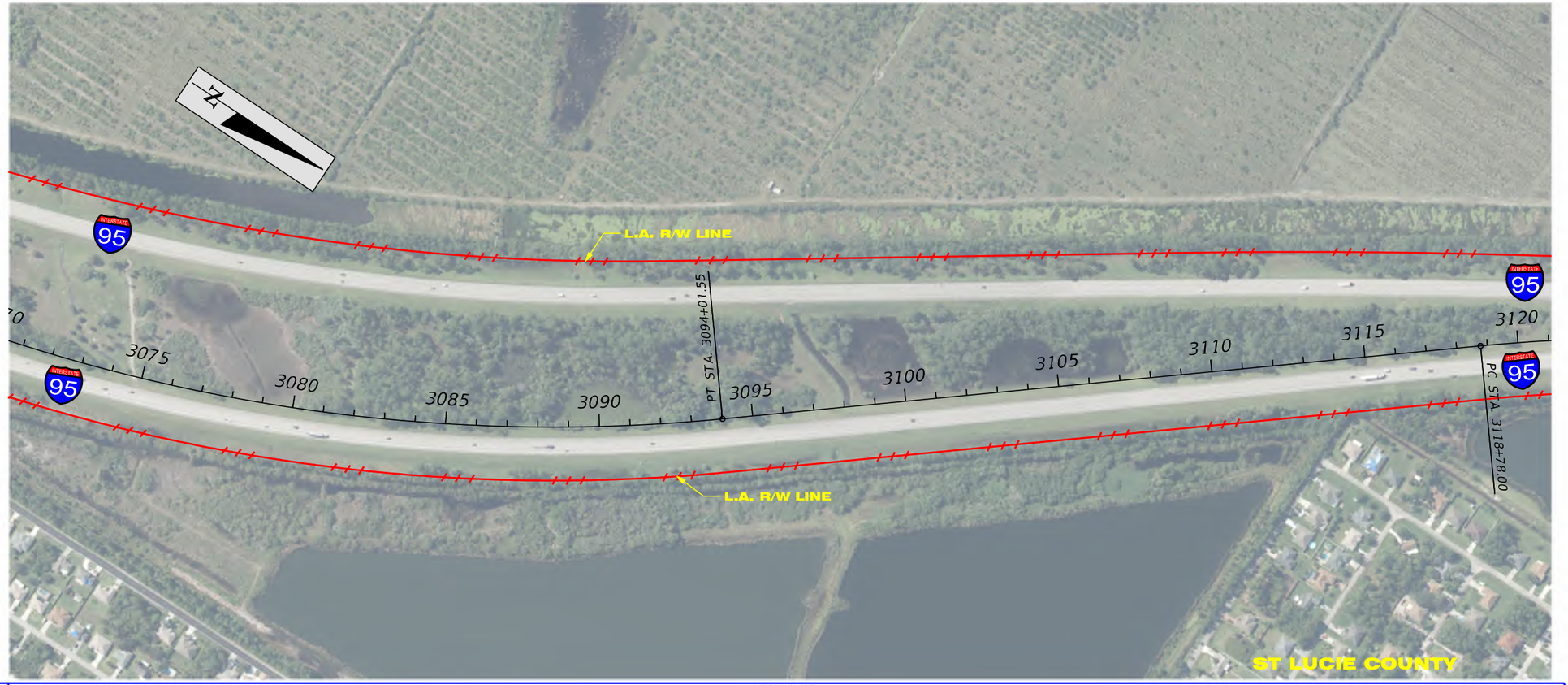
TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
28

CGALLARD 5/3/2019 9:42:18 AM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
VERTICAL ALIGNMENT	GRADE (%)			
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT	7,161.97	6,594.80	
	SUPERELEVATION	-0.031		NC
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			
	TOTAL MEDIAN WIDTH (ft)	88 – 468		
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)		



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
VERTICAL ALIGNMENT	GRADE (%)			
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	5,729.58		5,729.58
	SUPERELEVATION	0.039		-0.039
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			

FDOT

I-95 Multimodal Master Plan TREASURE COAST

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TITLE:

MAINLINE PLAN SHEETS

SHEET NO.
29

CGALLARD 5/3/2019 9:43:01 AM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT	6,594.80
	SUPERELEVATION	NC
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	
	HORIZONTAL CLEARANCE (ft)	
	TOTAL MEDIAN WIDTH (ft)	88 – 468
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)		
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	5,729.58	
	SUPERELEVATION	-0.039	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		

FDOT

Multimodal Master Plan TREASURE COAST

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FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

SHEET NO. 30

CGALLARD 5/3/2019 9:43:45 AM PW:\

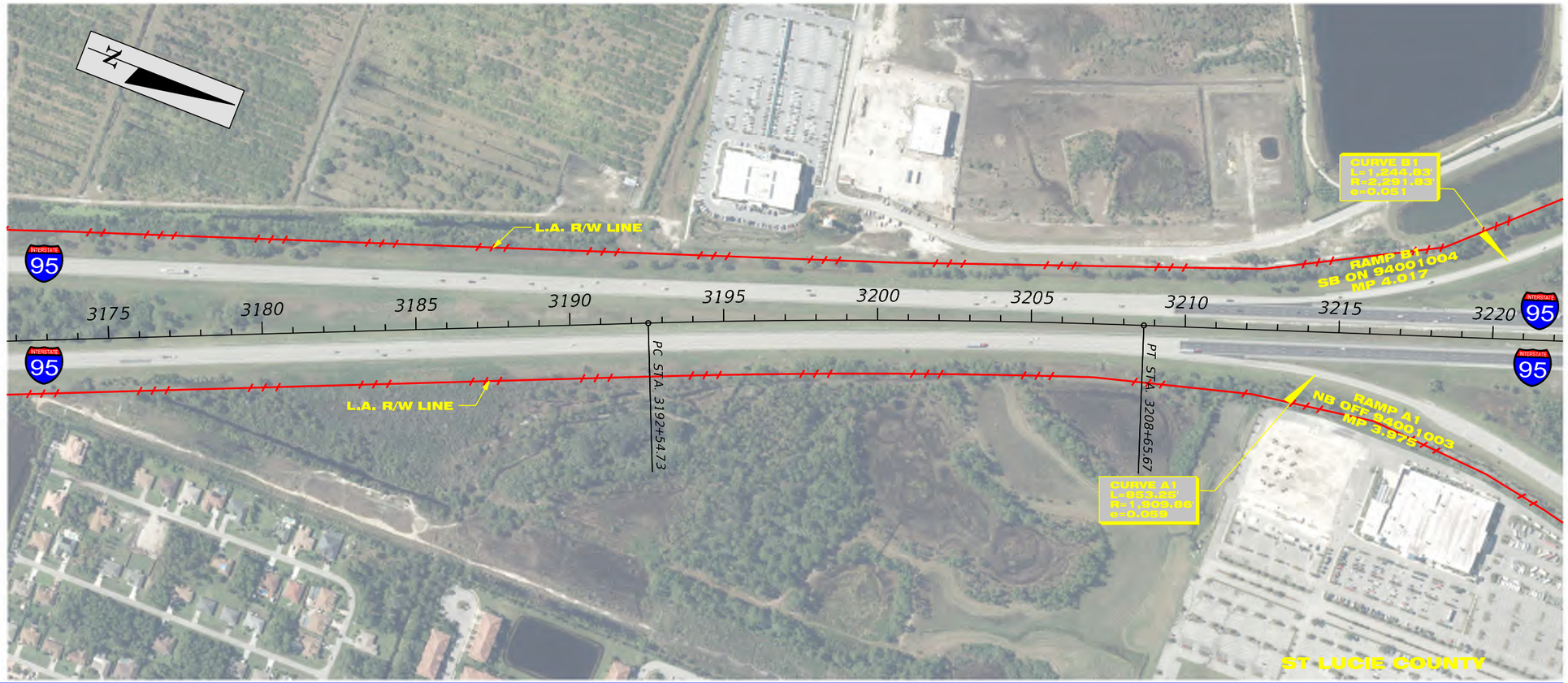
SOUTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
	GRADE (%)	0.000				2.0800
	LENGTH OF CURVE (ft)				900	2,200
	K VALUE				433	529
	STOPPING SIGHT DISTANCE (ft)				N/A	1,068
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	6,594.80				
	SUPERELEVATION	NC				
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL				1*	
	VERTICAL CLEARANCE (ft)					
	HORIZONTAL CLEARANCE (ft)					
	TOTAL MEDIAN WIDTH (ft)	88 – 468				88
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)				

(1*) TAPER TYPE, SINGLE LANE;
TAPER LENGTH=452'

(2*) TAPER TYPE, SINGLE LANE;
TAPER LENGTH=300'

RAMP	A1	B1
DS (mi/hr)	40	40
LANE WD (ft)	15	15
IN SHLDR WD (ft)	6-12	6-12
OUT SHLDR WD (ft)	6-12	6-12



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
	GRADE (%)	0.000				2.0800
	LENGTH OF CURVE (ft)				900	2,200
	K VALUE				433	529
	STOPPING SIGHT DISTANCE (ft)				N/A	1,068
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		24,555.33			
	SUPERELEVATION		NC			
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL				2*	
	VERTICAL CLEARANCE (ft)					
	HORIZONTAL CLEARANCE (ft)					

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

SHEET NO.
31

CGALLARD 5/3/2019 9:44:29 AM PW:\

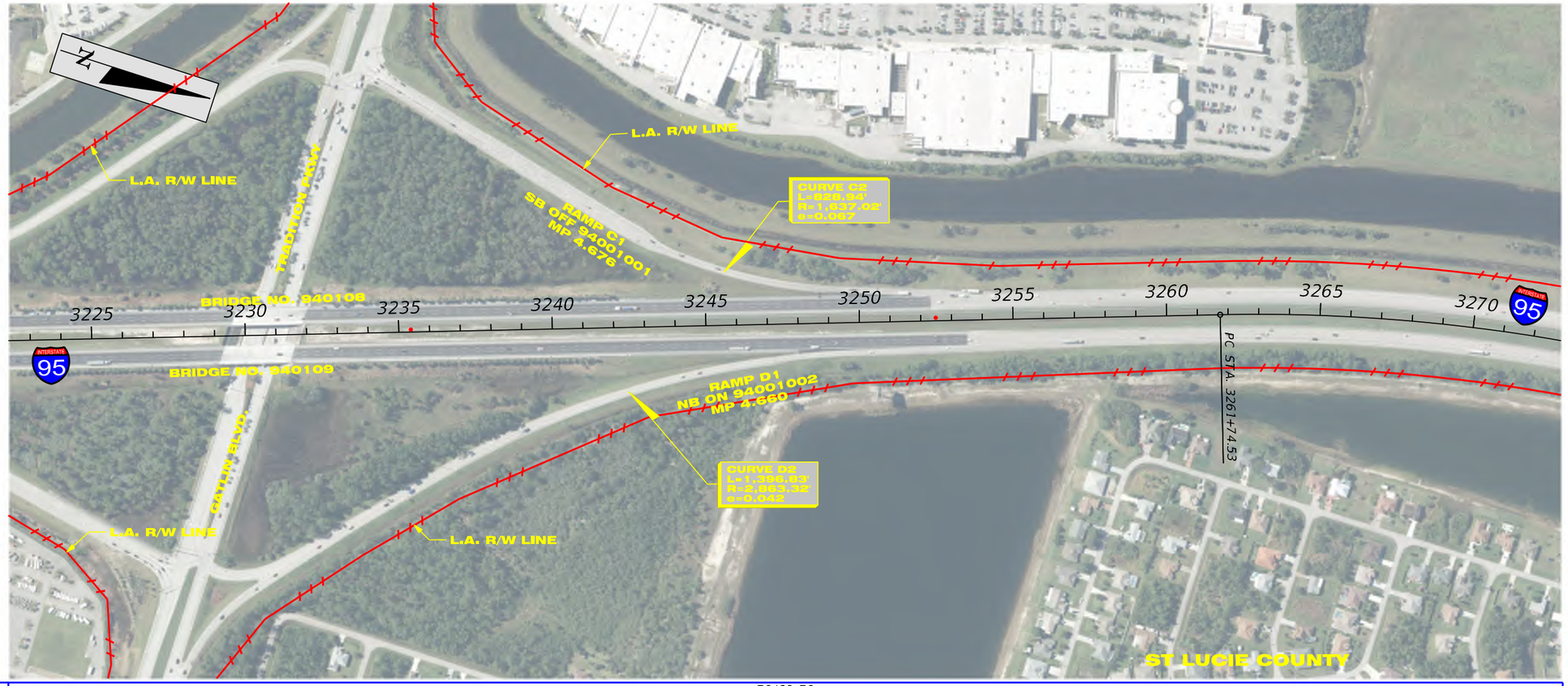
SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
VERTICAL ALIGNMENT	GRADE (%)	2.0800	-2.0800	0.0000		
	LENGTH OF CURVE (ft)	2,200		1,000		
	K VALUE	529		481		
	STOPPING SIGHT DISTANCE (ft)	1,068		N/A		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄				5,729.58	
	SUPERELEVATION				0.039	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			1*		
	VERTICAL CLEARANCE (ft)	16.35				
	HORIZONTAL CLEARANCE (ft)	N/A				
	TOTAL MEDIAN WIDTH (ft)	88				
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)				

(1*) TAPER TYPE, SINGLE LANE;
TAPER LENGTH=328'

(2*) PARALLEL TYPE, SINGLE LANE;
LANE LENGTH= 540'

RAMP	C1	D1
DS (mi/hr)	40	40
LANE WD (ft)	15	15
IN SHLDR WD (ft)	6-12	6-12
OUT SHLDR WD (ft)	6-12	6-12



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
VERTICAL ALIGNMENT	GRADE (%)	2.0800	-2.0800			
	LENGTH OF CURVE (ft)	2,200		1,000		
	K VALUE	529		481		
	STOPPING SIGHT DISTANCE (ft)	1,068		N/A		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄				5,729.58	
	SUPERELEVATION				0.039	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			2*		
	VERTICAL CLEARANCE (ft)	16.35				
	HORIZONTAL CLEARANCE (ft)	N/A				

FDOT

I-95 Multimodal Master Plan
TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

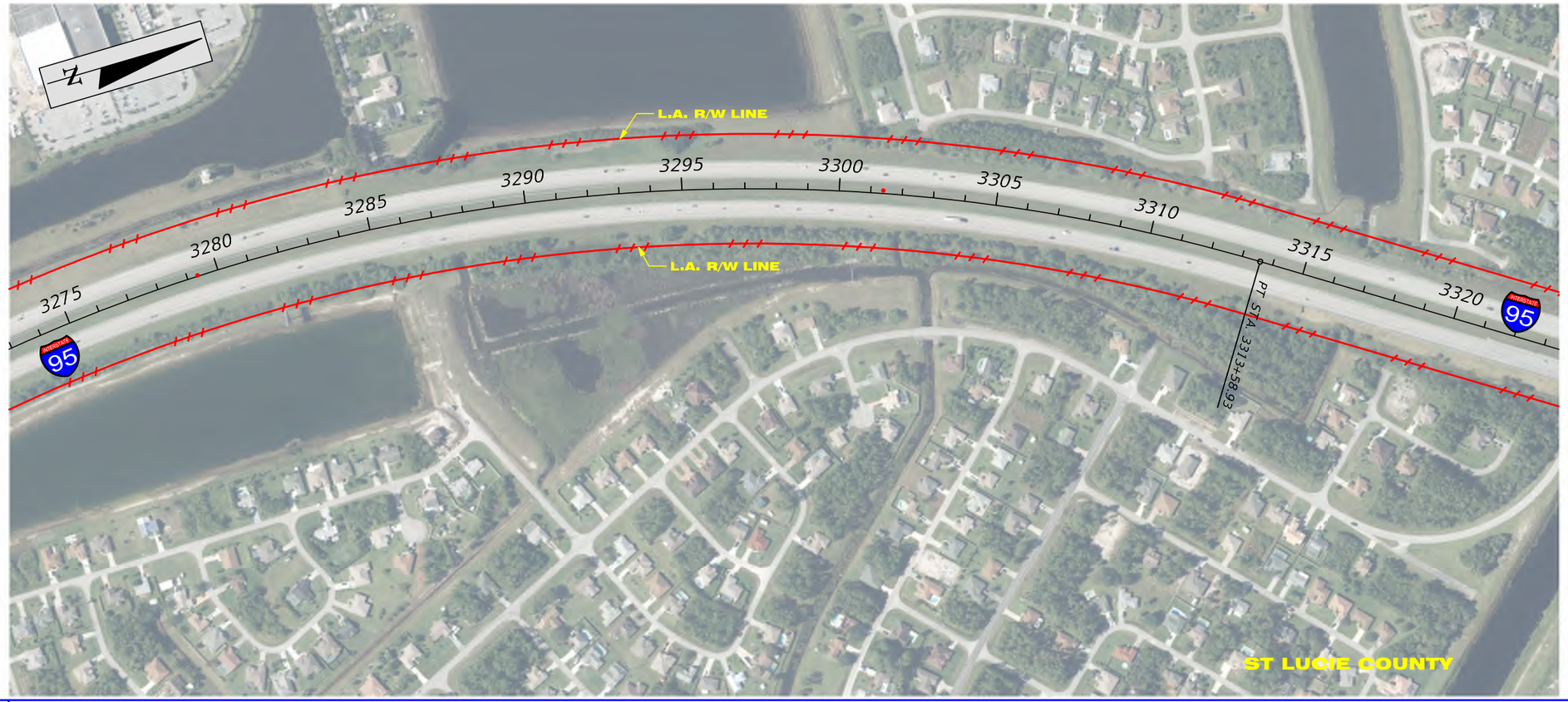
TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
32

CGALLARD 5/3/2019 9:45:24 AM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70			
VERTICAL ALIGNMENT	GRADE (%)	0.0200	0.0000		1.9500
	LENGTH OF CURVE (ft)			1,000	2,200
	K VALUE			513	564
	STOPPING SIGHT DISTANCE (ft)			1,053	1,103
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	5,729.58			
	SUPERELEVATION	0.039			
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12			
	INSIDE SHOULDER WIDTH (ft)	12			
	OUTSIDE SHOULDER WIDTH (ft)	12			
INTER-CHANGE CROSS ROAD	RAMP TERMINAL				
	VERTICAL CLEARANCE (ft)				
	HORIZONTAL CLEARANCE (ft)				
	TOTAL MEDIAN WIDTH (ft)	88			
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)			



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70			
VERTICAL ALIGNMENT	GRADE (%)	0.0200	0.0000		1.9500
	LENGTH OF CURVE (ft)			1,000	2,200
	K VALUE			513	564
	STOPPING SIGHT DISTANCE (ft)			1,053	1,103
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	5,729.58			
	SUPERELEVATION	0.039			
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12			
	INSIDE SHOULDER WIDTH (ft)	12			
	OUTSIDE SHOULDER WIDTH (ft)	12			
INTER-CHANGE CROSS ROAD	RAMP TERMINAL				
	VERTICAL CLEARANCE (ft)				
	HORIZONTAL CLEARANCE (ft)				

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
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FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

SHEET NO.
33

CGALLARD 5/3/2019 9:46:11 AM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
VERTICAL ALIGNMENT	GRADE (%)	-1.9500		0.0200		
	LENGTH OF CURVE (ft)	2,200	800			
	K VALUE	564	406			
	STOPPING SIGHT DISTANCE (ft)	1,103	947			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	7,639.44			5,729.58	
	SUPERELEVATION	-0.029			-0.039	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12			4/12	
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL				Auxiliary Lane; Auxiliary length = 3,898	
	VERTICAL CLEARANCE (ft)	16.33'		16.58		
	HORIZONTAL CLEARANCE (ft)			2*		
	TOTAL MEDIAN WIDTH (ft)	88			88 - 375	
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)				

(1*) TAPER TYPE, SINGLE LANE;
TAPER LENGTH=425'

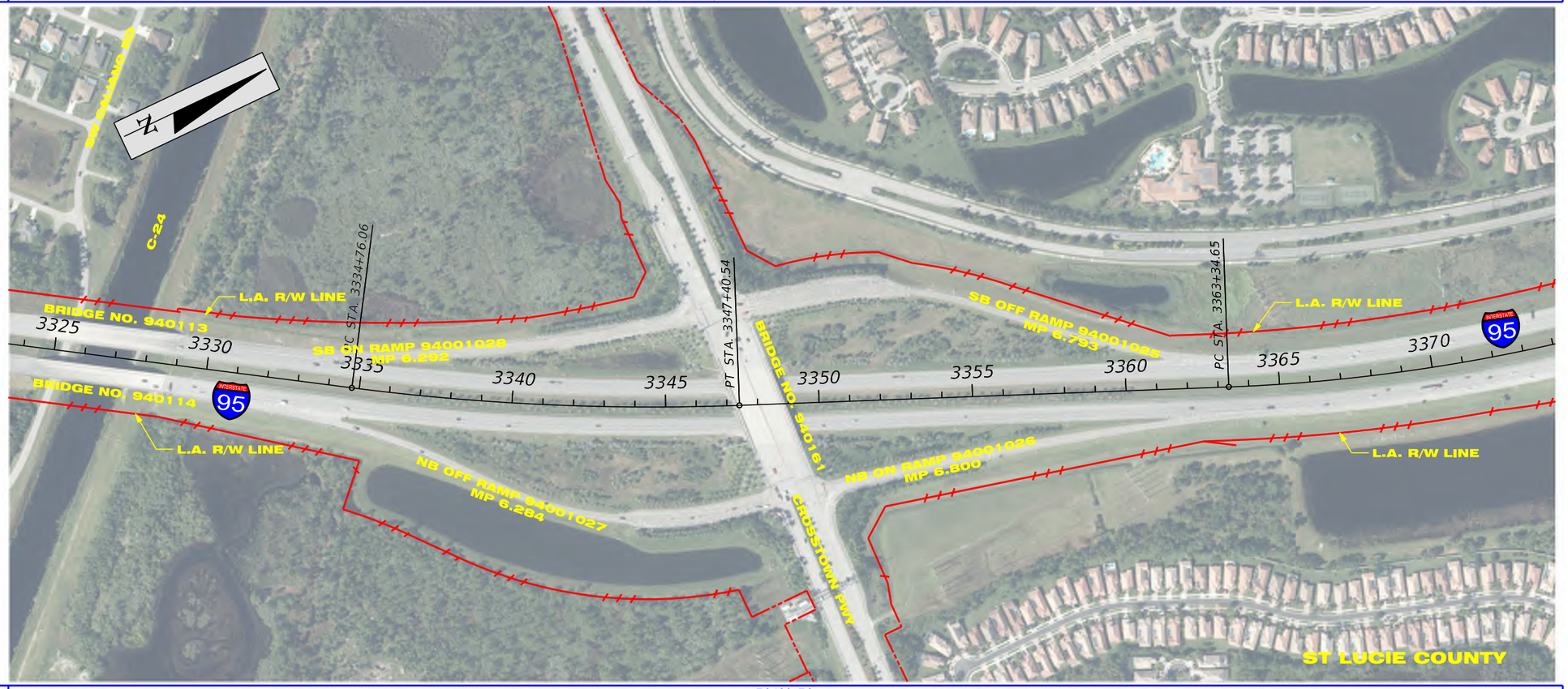
(2*) NB- R(38.7'); L(41.4')
SB- R(37.25'); L(42.8')

(3*) PARALLEL TYPE, SINGLE LANE;
LANE LENGTH=750'

RAMP	NB OFF	SB ON
DS (mi/hr)	-	-
LANE WD (ft)	12-15	12-15
IN SHLDR WD (ft)	3-10	4-10
OUT SHLDR WD (ft)	8-10	5-10

0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET



NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
VERTICAL ALIGNMENT	GRADE (%)	-1.9500		0.0200		
	LENGTH OF CURVE (ft)	2,200	800			
	K VALUE	564	406			
	STOPPING SIGHT DISTANCE (ft)	1,103	947			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	7,639.44			5,729.58	
	SUPERELEVATION	-0.029			-0.039	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12			4/12	
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	1*			Auxiliary Lane; Auxiliary length = 3,331	
	VERTICAL CLEARANCE (ft)	16.33'		16.58		
	HORIZONTAL CLEARANCE (ft)			2*		

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TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
34

CGALLARD 5/3/2019 9:47:00 AM PW:\

SOUTHBOUND

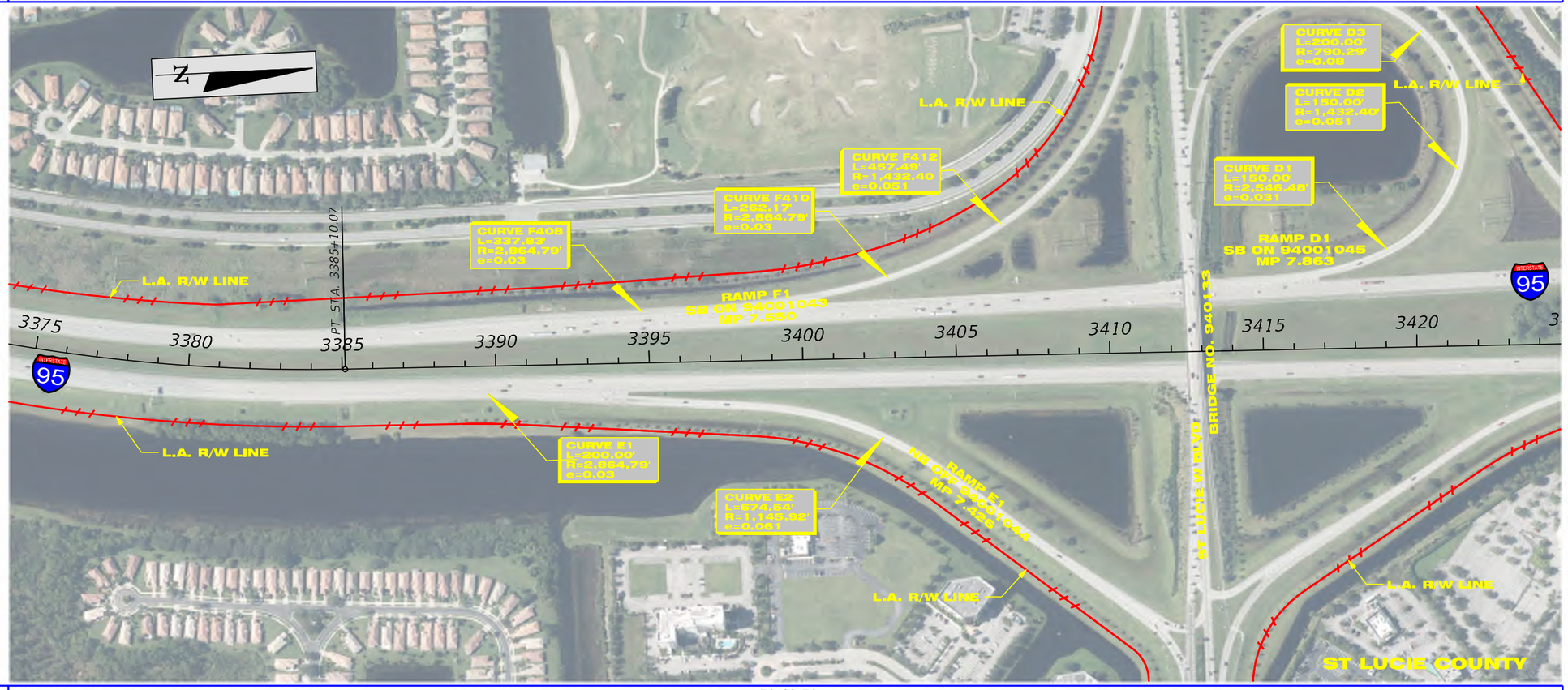
	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)	0.0200	0.0000
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	5,729.58	
	SUPERELEVATION	-0.039	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	4/12	3/12
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	Auxiliary lane; Auxiliary length = 3,898	1*
	VERTICAL CLEARANCE (ft)		2*
	HORIZONTAL CLEARANCE (ft)		3*
	TOTAL MEDIAN WIDTH (ft)	88 - 375	
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)	

(1*) PARALLEL TYPE, SINGLE LANE;
LANE LENGTH= 630'

(2*) 16.47

(3*) NB-R(30); L(44)
SB-R(30; L(44)

RAMP	E1	F1	D1
DS (mi/hr)	40	40	40
LANE WD (ft)	15	15	15
IN SHLDR WD (ft)	6-9	6-9	6-9
OUT SHLDR WD (ft)	6-9	6-9	6-9



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)	0.0200	0.0000
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	5,729.58	
	SUPERELEVATION	-0.039	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	4/12	3/12
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	Auxiliary lane; Auxiliary length = 3,331	2*
	VERTICAL CLEARANCE (ft)		3*
	HORIZONTAL CLEARANCE (ft)		

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TITLE:

MAINLINE PLAN SHEETS

SHEET NO.
35

CGALLARD 5/3/2019 11:50:38 AM PW:\

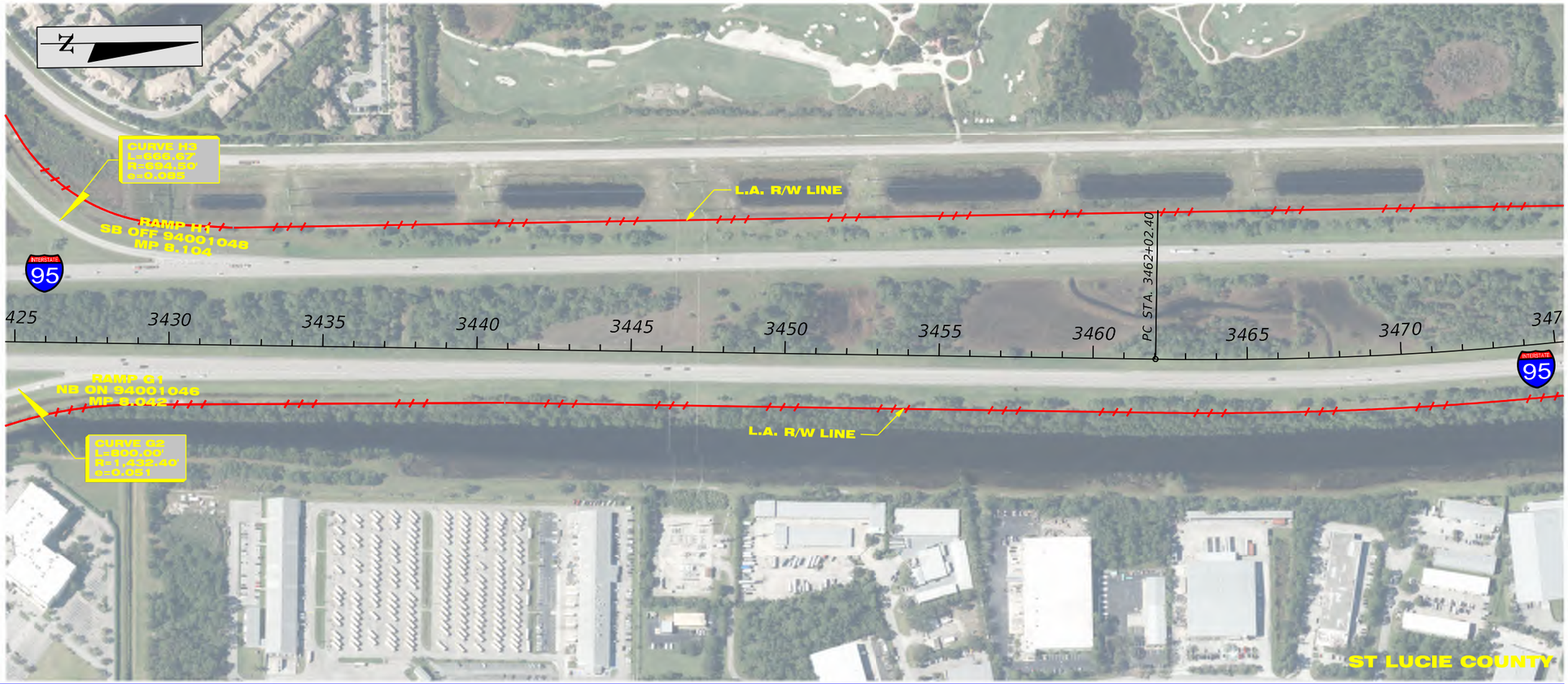
SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)	0.0000	-0.0200
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		
	SUPERELEVATION		
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	1*	
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		
	TOTAL MEDIAN WIDTH (ft)	88 - 375	
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)	

(1*) TYPER TYPE;
TAPER LENGTH=300'

(2*) PARALLEL TYPE, SINGLE LANE;
LANE LENGTH=990'

RAMP	G1	H1
DS (mi/hr)	40	40
LANE WD (ft)	15	15
IN SHLDR WD (ft)	6-9	6-9
OUT SHLDR WD (ft)	6-9	6-9



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)		
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		11,459.16
	SUPERELEVATION		RC
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	2*	
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		

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TITLE:

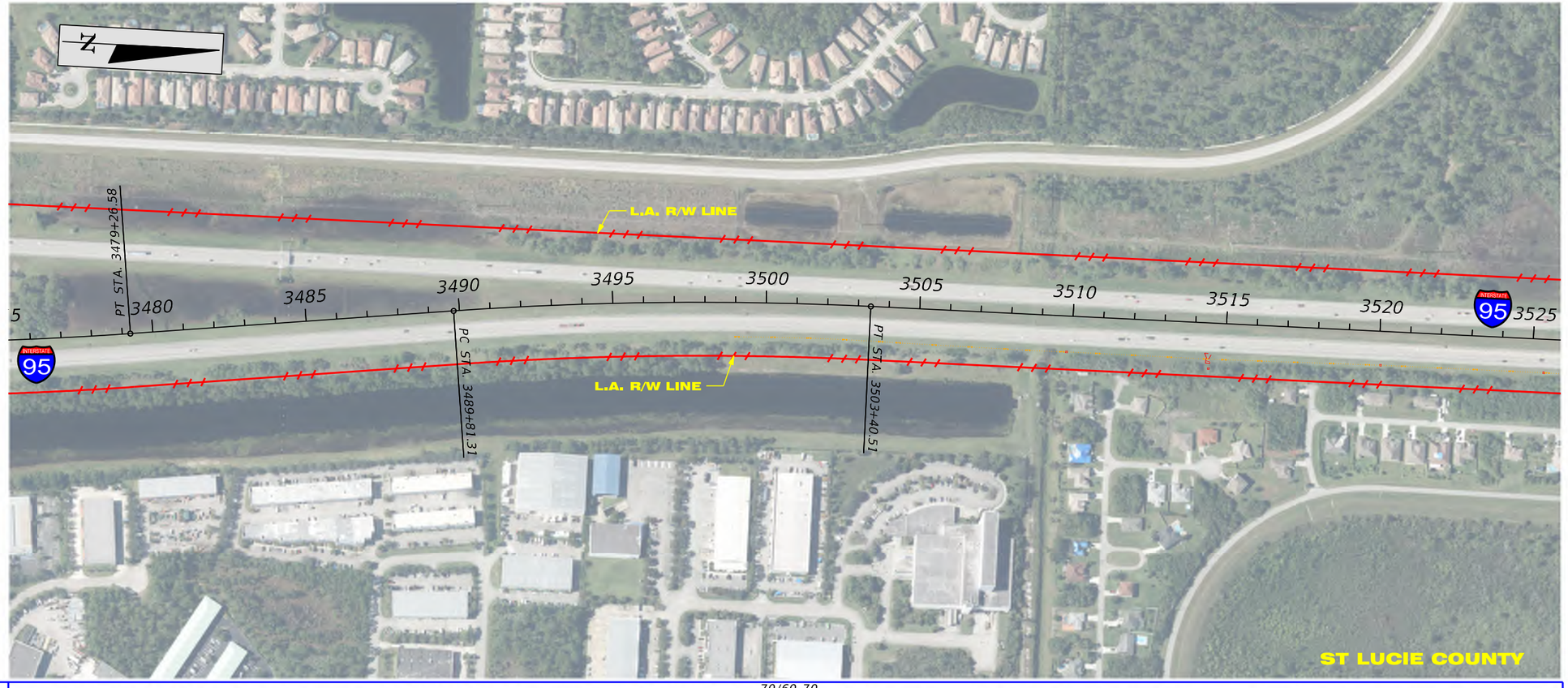
MAINLINE PLAN SHEETS

SHEET NO.
36

CGALLARD 5/3/2019 11:51:34 AM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)	-0.0200	-0.04
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		
	SUPERELEVATION		
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		
	TOTAL MEDIAN WIDTH (ft)	88 - 375	88
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)	



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
VERTICAL ALIGNMENT	GRADE (%)	-0.0200	-0.04	
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	11,459.16		
	SUPERELEVATION	RC	NC	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

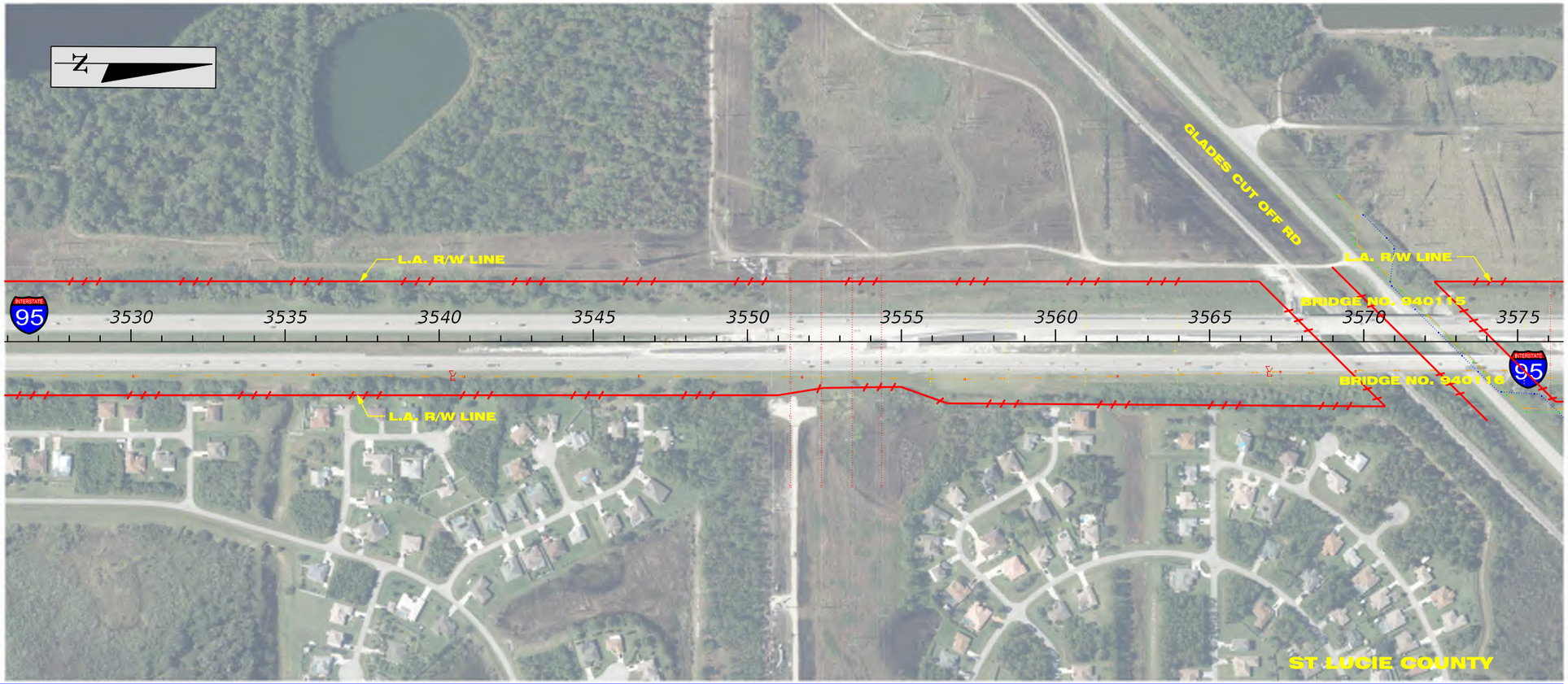
MAINLINE PLAN SHEETS

SHEET NO. 37

CGALLARD 5/3/2019 11:52:13 AM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70			
VERTICAL ALIGNMENT	GRADE (%)	-0.04		2.00	-1.96
	LENGTH OF CURVE (ft)	1,000		2,100	
	K VALUE	490		530	
	STOPPING SIGHT DISTANCE (ft)	N/A		1,069	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄				
	SUPERELEVATION				
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12			
	INSIDE SHOULDER WIDTH (ft)	12			
	OUTSIDE SHOULDER WIDTH (ft)	12			
INTER-CHANGE CROSS ROAD	RAMP TERMINAL				
	VERTICAL CLEARANCE (ft)				23'
	HORIZONTAL CLEARANCE (ft)				N/A
	TOTAL MEDIAN WIDTH (ft)	88			
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)			



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70			
VERTICAL ALIGNMENT	GRADE (%)	-0.04		2.00	-1.96
	LENGTH OF CURVE (ft)	1,000		2,100	
	K VALUE	490		530	
	STOPPING SIGHT DISTANCE (ft)	N/A		1,069	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄				
	SUPERELEVATION				
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12			
	INSIDE SHOULDER WIDTH (ft)	12			
	OUTSIDE SHOULDER WIDTH (ft)	12			
INTER-CHANGE CROSS ROAD	RAMP TERMINAL				
	VERTICAL CLEARANCE (ft)				20.75
	HORIZONTAL CLEARANCE (ft)				N/A

FDOT

Multimodal Master Plan TREASURE COAST

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FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

SHEET NO.
38

CGALLARD 5/3/2019 11:52:53 AM PW:\

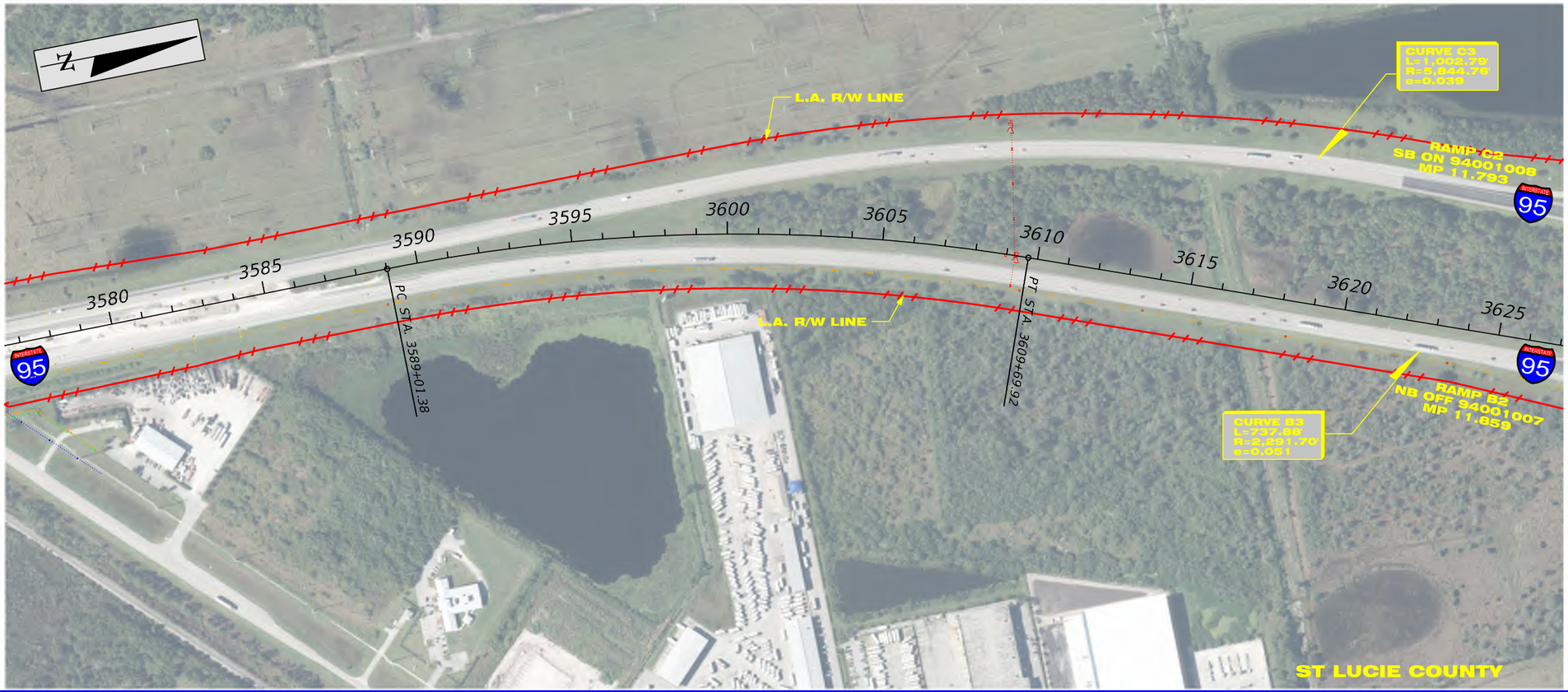
SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70									
VERTICAL ALIGNMENT	GRADE (%)	-1.96		-0.12		0.00					
	LENGTH OF CURVE (ft)	2,100	1,000								1,000
	K VALUE	530	544								515
	STOPPING SIGHT DISTANCE (ft)	1,064	1,086								1,055
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT	5,729.58									
	SUPERELEVATION	-0.039									
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12									
	INSIDE SHOULDER WIDTH (ft)	12									
	OUTSIDE SHOULDER WIDTH (ft)	12									
INTER-CHANGE CROSS ROAD	RAMP TERMINAL									1*	
	VERTICAL CLEARANCE (ft)										
	HORIZONTAL CLEARANCE (ft)										
	TOTAL MEDIAN WIDTH (ft)	88	88 - 471.50								
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)									

(1*) PARALLEL TYPE, SINGLE LANE;
LANE LENGTH= 405'

(2*) TAPER TYPE; SINGLE LANE;
TAPER LENGTH= 300'

RAMP	B2	C2
DS (mi/hr)	40	40
LANE WD (ft)	15	15
IN SHLDR WD (ft)	6	6
OUT SHLDR WD (ft)	6	6



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70									
VERTICAL ALIGNMENT	GRADE (%)	-1.96		-0.02		0.08					
	LENGTH OF CURVE (ft)	2,100	1,000			1,000	1,000				
	K VALUE	530	515			16,667	493				
	STOPPING SIGHT DISTANCE (ft)	1,064	1,056			N/A	1,031				
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	5,729.58									
	SUPERELEVATION	-0.039									
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12									
	INSIDE SHOULDER WIDTH (ft)	12									
	OUTSIDE SHOULDER WIDTH (ft)	12									
INTER-CHANGE CROSS ROAD	RAMP TERMINAL										2*
	VERTICAL CLEARANCE (ft)										
	HORIZONTAL CLEARANCE (ft)										

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TITLE:

MAINLINE PLAN SHEETS

SHEET NO. 39

CGALLARD 5/3/2019 11:53:29 AM PW:\

SOUTHBOUND

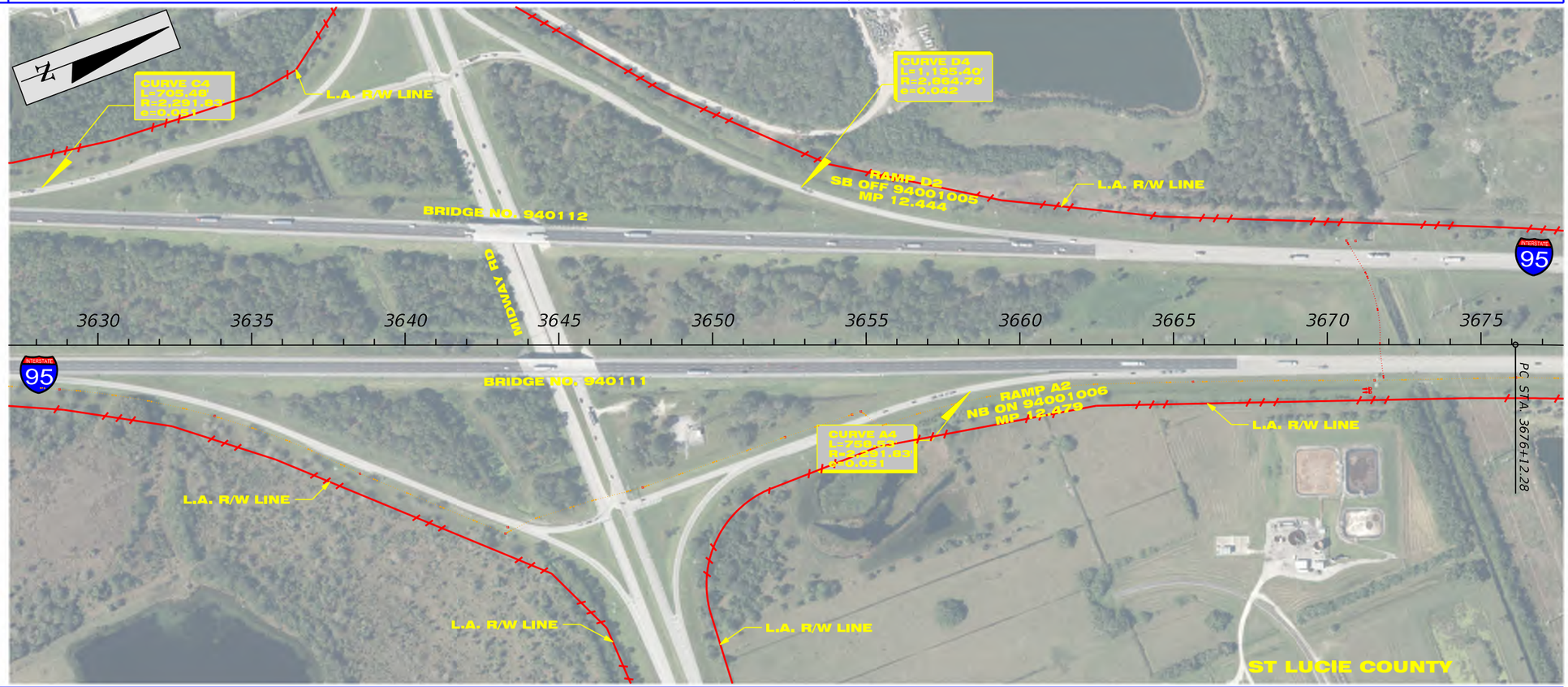
	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
VERTICAL ALIGNMENT	GRADE (%)	1.9407	-2.00	-0.015		
	LENGTH OF CURVE (ft)	1,800	1,000			
	K VALUE	457	504			
	STOPPING SIGHT DISTANCE (ft)	992	1,043			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT	5,729.58				
	SUPERELEVATION	0.039				
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			1*		
	VERTICAL CLEARANCE (ft)	16.40				
	HORIZONTAL CLEARANCE (ft)	N/A				
	TOTAL MEDIAN WIDTH (ft)	88 - 471.50				
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)				

(1*) TYPER TYPE, SINGLE LANE;
TAPER LENGTH=515

(2*) PARALLEL TYPE, SINGLE LANE;
LANE LENGTH= 643'

(3*) TYPER TYPE, SINGLE LANE;
TAPER LENGTH= 300'

RAMP	A2	D2
DS (mi/hr)	40	40
LANE WD (ft)	15	15
IN SHLDR WD (ft)	6	6
OUT SHLDR WD (ft)	6	6



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
VERTICAL ALIGNMENT	GRADE (%)	1.949	-2.00	-0.01		
	LENGTH OF CURVE (ft)	1,800	1,000			
	K VALUE	456	503			
	STOPPING SIGHT DISTANCE (ft)	991	1,042			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	7,161.97				
	SUPERELEVATION	0.031				
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	(3*)		2*		
	VERTICAL CLEARANCE (ft)	16.40				
	HORIZONTAL CLEARANCE (ft)	N/A				

FDOT

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

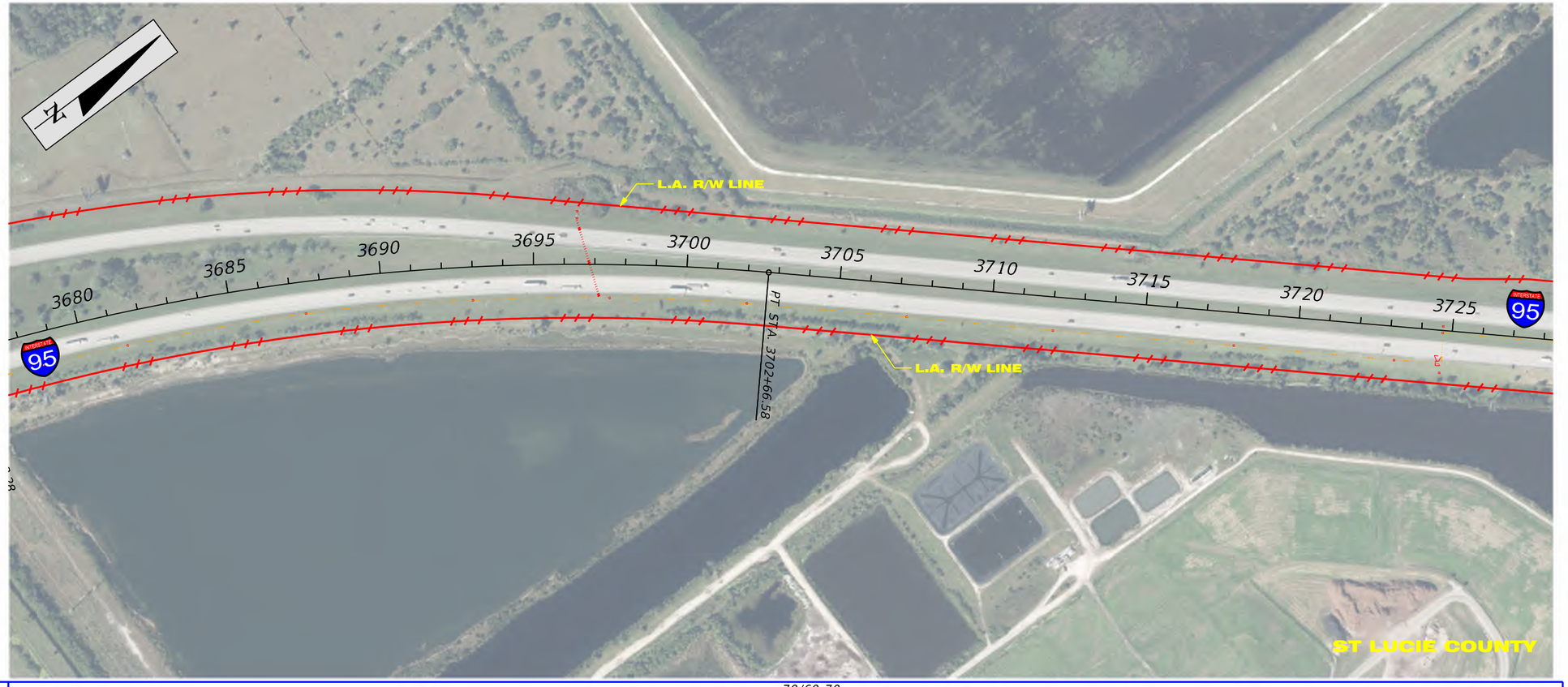
TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
40

CGALLARD 5/3/2019 11:54:14 AM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
VERTICAL ALIGNMENT	GRADE (%)	-0.015	-0.02		1.82	
	LENGTH OF CURVE (ft)			1,000		2,100
	K VALUE			543		570
	STOPPING SIGHT DISTANCE (ft)			1,086		1,108
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT	5,729.58				
	SUPERELEVATION	0.039				
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL					
	VERTICAL CLEARANCE (ft)					
	HORIZONTAL CLEARANCE (ft)					
	TOTAL MEDIAN WIDTH (ft)	88 - 471.50		88		
	SB/NB R/W WIDTH (ft)	VARIES (162 MIN)				



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
VERTICAL ALIGNMENT	GRADE (%)	-0.015	-0.034	-0.02	1.82	
	LENGTH OF CURVE (ft)				1,000	2,100
	K VALUE				543	570
	STOPPING SIGHT DISTANCE (ft)				1,086	1,108
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	7,161.97				
	SUPERELEVATION	0.031				
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL					
	VERTICAL CLEARANCE (ft)					
	HORIZONTAL CLEARANCE (ft)					

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
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FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

SHEET NO. 41

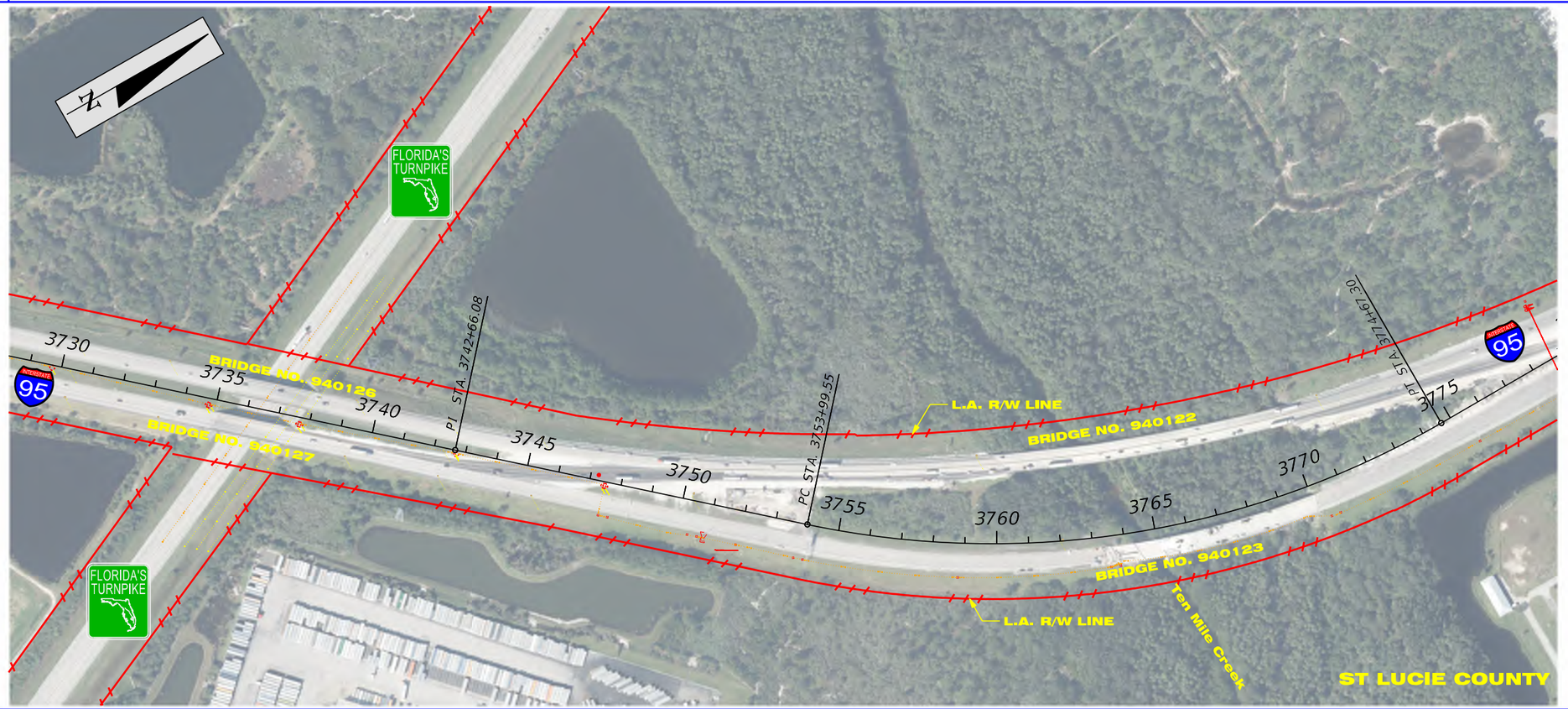
CGALLARD 5/3/2019 11:54:58 AM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70								
VERTICAL ALIGNMENT	GRADE (%)	1.82		-1.8658		0.22		-0.20		
	LENGTH OF CURVE (ft)	2,100			1,000			1,000		
	K VALUE	570			479			2,381		
	STOPPING SIGHT DISTANCE (ft)	1,108			1,017			3,069		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT				5,773.58					
	SUPERELEVATION				-0.037					
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12								4/12
	INSIDE SHOULDER WIDTH (ft)	12								
	OUTSIDE SHOULDER WIDTH (ft)	12								
INTER-CHANGE CROSS ROAD	RAMP TERMINAL									
	VERTICAL CLEARANCE (ft)		16.66				N/A			
	HORIZONTAL CLEARANCE (ft)		N/A				N/A			
	TOTAL MEDIAN WIDTH (ft)	88			88 - 298					
	SB/NB R/W WIDTH (ft)	VARIES (174 MIN)								

1* 0.071 To 0.02/NC
(2 In-Lanes Only) 490'Transition

2* 0.071 To 0.02/NC (2 In-Lanes Only)



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70								
VERTICAL ALIGNMENT	GRADE (%)	1.82		-1.8658		0.24		-0.1011		
	LENGTH OF CURVE (ft)	2,100			1,000			1,000		
	K VALUE	570			475			2,932		
	STOPPING SIGHT DISTANCE (ft)	1,108			1,012			3,663		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄				2,820.79					
	SUPERELEVATION				0.071		1* 0.071 To -0.02 (4 Out-Lanes Only) 874' Transition		2*	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12						5/12		
	INSIDE SHOULDER WIDTH (ft)	12								
	OUTSIDE SHOULDER WIDTH (ft)	12								
INTER-CHANGE CROSS ROAD	RAMP TERMINAL									
	VERTICAL CLEARANCE (ft)		16.66				N/A			
	HORIZONTAL CLEARANCE (ft)		N/A				N/A			

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
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FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

SHEET NO.
42

CGALLARD 5/3/2019 11:55:51 AM PW:\

SOUTHBOUND

| | | |

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70					
VERTICAL ALIGNMENT	GRADE (%)	-2.76	-0.025	0.09		0.00	
	LENGTH OF CURVE (ft)	800	800		800		
	K VALUE	293	6,957		8,889		
	STOPPING SIGHT DISTANCE (ft)	794	N/A		N/A		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄						5,729.58
	SUPERELEVATION	NC				* NC / 2*	-0.037
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	4/12					
	INSIDE SHOULDER WIDTH (ft)	12					
	OUTSIDE SHOULDER WIDTH (ft)	12					
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	TYPER TYPE; DOUBLE LANE, TAPER LENGTH = 1530'					
	VERTICAL CLEARANCE (ft)				6*		
	HORIZONTAL CLEARANCE (ft)				7*		
	TOTAL MEDIAN WIDTH (ft)	88 - 298			40		
	SB/NB R/W WIDTH (ft)	VARIES (162 MIN)					

(1*) 0.02/NC to -0.02 (2 In-Lanes Only)
240' Transition

(2*) -0.02 To -0.037 (All 4)
102' Transition

(3*) -0.02 to 0.02 (2 Out-Lanes Only)
240' Transition

(4*) 0.02 To 0.037 (All 4)
102' Transition

(5*) TYPER TYPE; DOUBLE LANE,
TAPER LENGTH = 920

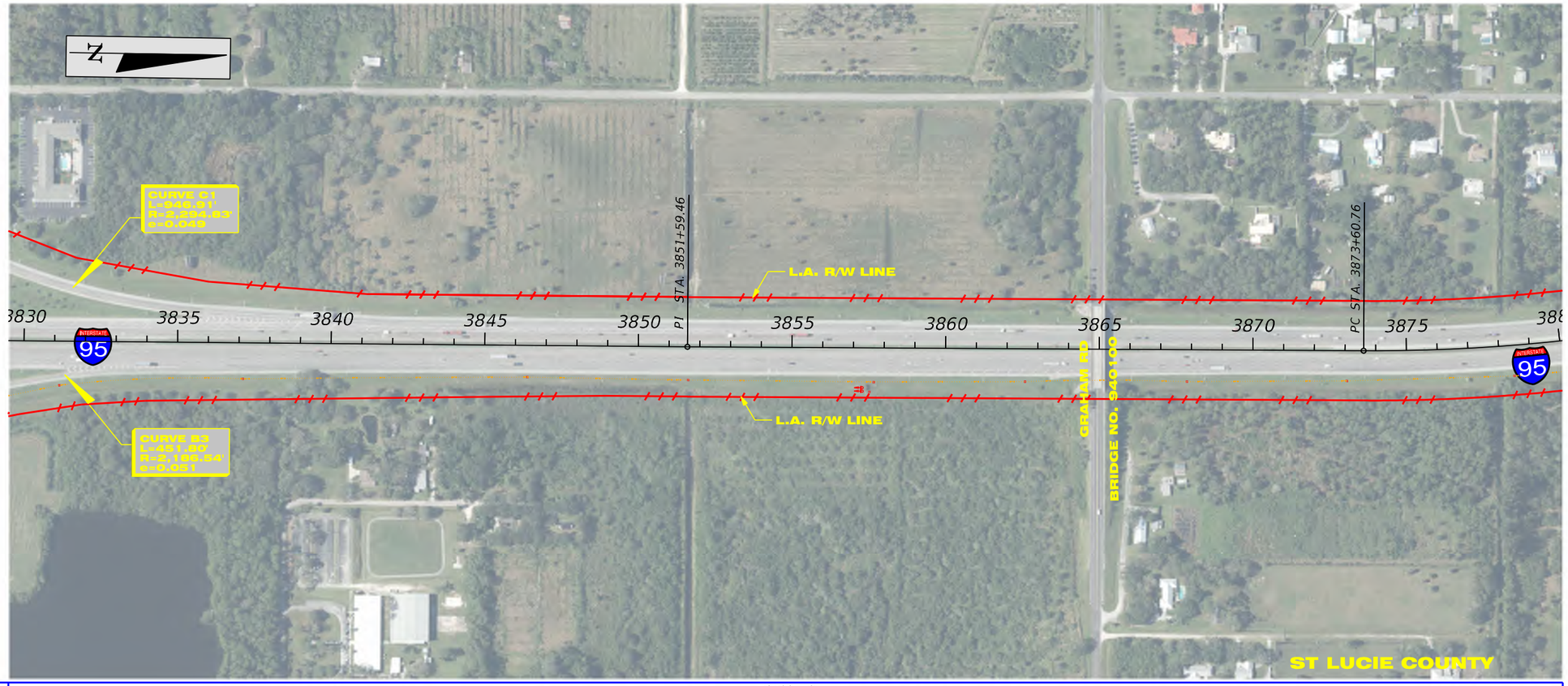
(i) 16.3

(ii) NB-R(30)-L(44)
SB-R(30)-L44)

RAMP	C1	B1
DS (mi/hr)	35-50	35-50
LANE WD (ft)	12	15-16
IN SHLDR WD (ft)	8	6
OUT SHLDR WD (ft)	12	6

0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET



NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70					
VERTICAL ALIGNMENT	GRADE (%)	-2.76	-0.025	0.09		0.00	
	LENGTH OF CURVE (ft)	800	800		800		
	K VALUE	293	6,957		8,889		
	STOPPING SIGHT DISTANCE (ft)	1,314	N/A		N/A		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄						5,729.58
	SUPERELEVATION					NC / 3*	4* -0.037
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	5		4			
	INSIDE SHOULDER WIDTH (ft)	12					
	OUTSIDE SHOULDER WIDTH (ft)	12					
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	TAPER TYPE, SINGLE LANE; TAPER LENGTH=1,155					
	VERTICAL CLEARANCE (ft)				6*		
	HORIZONTAL CLEARANCE (ft)				7*		

FDOT

I-95 Multimodal Master Plan
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FDOT-District 4

TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
44

CGALLARD 5/3/2019 11:57:31 AM PW:\

SOUTHBOUND

| | | |

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70																	
VERTICAL ALIGNMENT	GRADE (%)	2.5078		-2.20			2.2325		2.150			-1.999							
	LENGTH OF CURVE (ft)	NOT AVAILABLE							2,100										
	K VALUE	276			293				506										
	STOPPING SIGHT DISTANCE (ft)	772			796				820										
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄						2,864.79												
	SUPERELEVATION	1* NC	2* NC	NC	3* NC	4*	-0.074				5*	6* -0.02							
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	4/12																	
	INSIDE SHOULDER WIDTH (ft)	12																	
	OUTSIDE SHOULDER WIDTH (ft)	12																	
INTERCHANGE CROSS ROAD	RAMP TERMINAL	11*																	
	VERTICAL CLEARANCE (ft)		16.17								16.75								
	HORIZONTAL CLEARANCE (ft)		N/A								N/A								
	TOTAL MEDIAN WIDTH (ft)	40																	
	SB/NB R/W WIDTH (ft)	VARIES (162 MIN)																	

(1*) -0.02/RC (2 In-Lanes Only)

(2*) -0.02/RC (2 In-Lanes Only)
240' Transition

(3*) NC To -0.02 (2 In-Lanes Only)
240' Transition

(4*) -0.02 To -0.072 (All 4 Lanes)
312' Transition

(5*) -0.072 To -0.02 (All 4 Lanes)
420' Transition

(6*) -0.02 To 0.02/NC
(2 Out-Lanes Only)
240' Transition

(7*) -0.02/RC (2 In-Lanes)

(8*) RC To NC (2 In-Lanes Only)
240' Transition

(9*) NC To 0.02 (2 Out-Lanes Only)
240' Transition

(10*) 0.02 To 0.072 (All 4 Lanes)
312' Transition

(11*) TAPER TYPE, SINGLE LANE;
TAPER LENGTH= 490'

(12*) TAPER TYPE, SINGLE LANE;
TAPER LENGTH= 630'

(13*) 0.072 To 0.02 (All 4 Lanes)
420' Transition

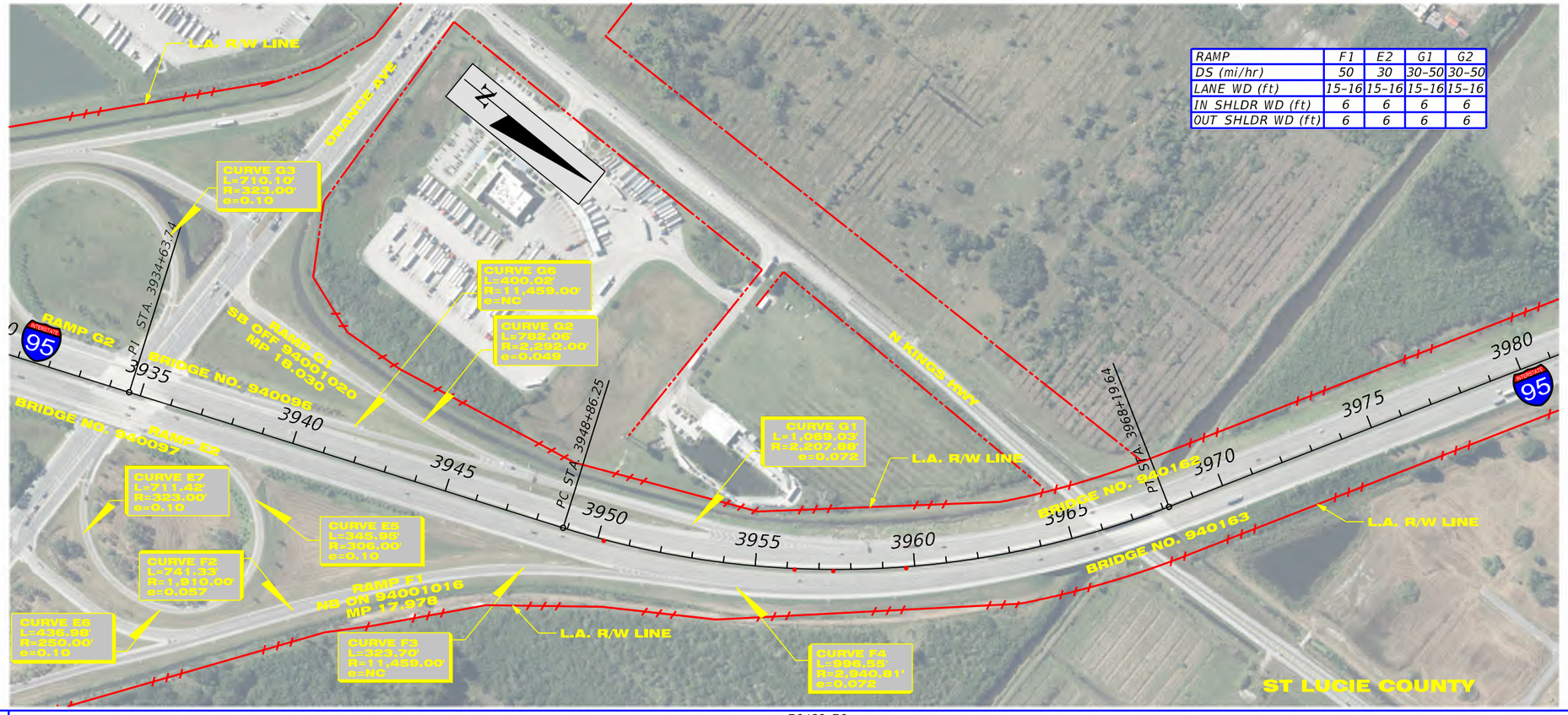
(14*) 0.02 To -0.02/NC
(2 Out-Lanes Only)
240' Transition

0 100 400
Feet

LEGEND

SUBSTANDARD

DITCH BOTTOM INLET



RAMP	F1	E2	G1	G2
DS (mi/hr)	50	30	30-50	30-50
LANE WD (ft)	15-16	15-16	15-16	15-16
IN SHLDR WD (ft)	6	6	6	6
OUT SHLDR WD (ft)	6	6	6	6

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70																	
VERTICAL ALIGNMENT	GRADE (%)	2.5078		-2.20			2.2325		2.150			-2.000							
	LENGTH OF CURVE (ft)	NOT AVAILABLE							2,100										
	K VALUE	276			293				506										
	STOPPING SIGHT DISTANCE (ft)	772			796				820										
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄						2,864.79												
	SUPERELEVATION	7* NC	8*	NC	NC 9*	10*	0.074				13*	0.02 14*							
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	4/12																	
	INSIDE SHOULDER WIDTH (ft)	12																	
	OUTSIDE SHOULDER WIDTH (ft)	12																	
INTERCHANGE CROSS ROAD	RAMP TERMINAL	12*																	
	VERTICAL CLEARANCE (ft)		16.45								16.75								
	HORIZONTAL CLEARANCE (ft)		N/A								N/A								

FDOT

I-95 Multimodal Master Plan
TREASURE COAST

I-95 Multimodal Master Plan
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FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

SHEET NO.

46

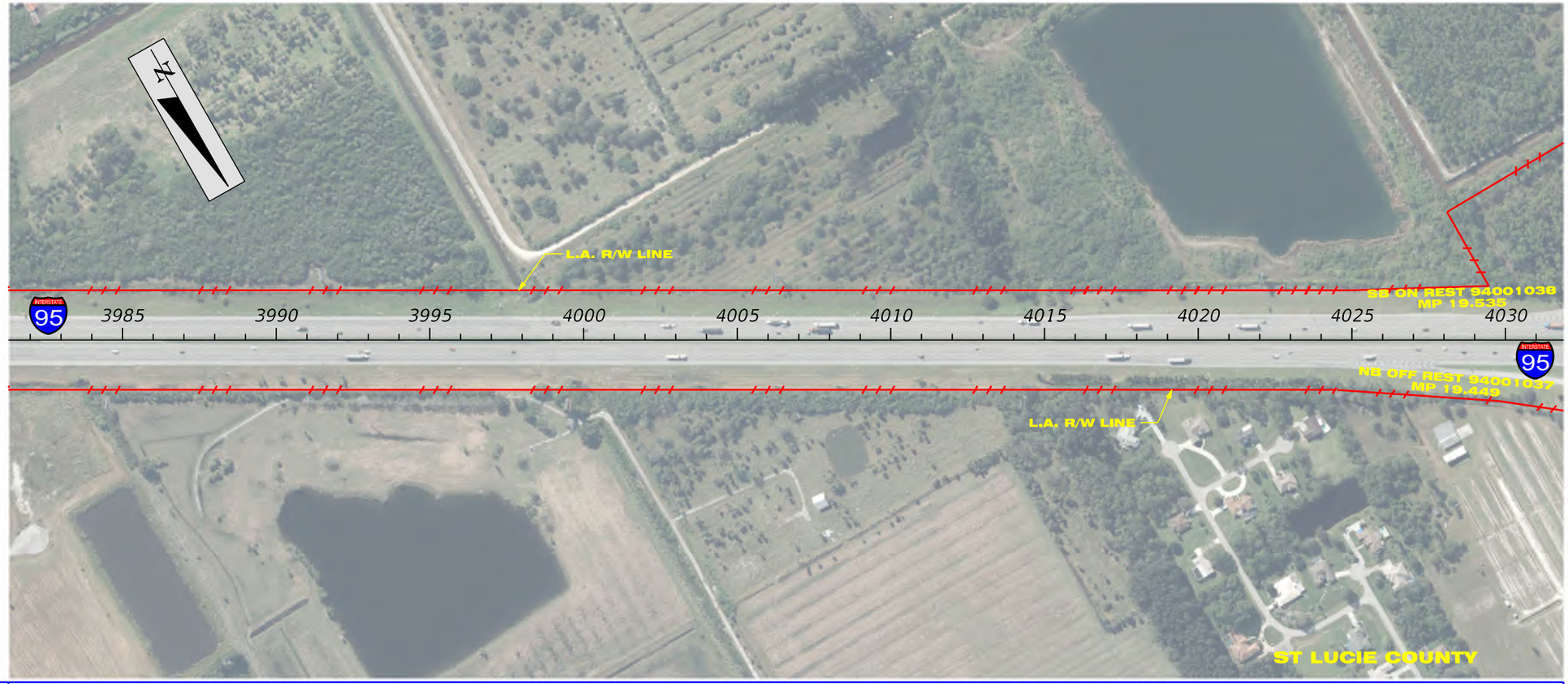
CGALLARD 5/3/2019 12:38:40 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70			
VERTICAL ALIGNMENT	GRADE (%)	0.00			
	LENGTH OF CURVE (ft)	800			
	K VALUE	400			
	STOPPING SIGHT DISTANCE (ft)	939			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄				
	SUPERELEVATION	NC			
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	4/12			
	INSIDE SHOULDER WIDTH (ft)	12			
	OUTSIDE SHOULDER WIDTH (ft)	12			
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			2*	
	VERTICAL CLEARANCE (ft)				
	HORIZONTAL CLEARANCE (ft)				
	TOTAL MEDIAN WIDTH (ft)	40			40-323
	SB/NB R/W WIDTH (ft)	VARIES (162 MIN)			

(1*) PARALLEL TYPE; SINGLE LANE;
LANE LENGTH= 865'

(2*) PARALLEL TYPE; SINGLE LANE;
LANE LENGTH= 1,075'



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70			
VERTICAL ALIGNMENT	GRADE (%)	0.00			
	LENGTH OF CURVE (ft)	800			
	K VALUE	400			
	STOPPING SIGHT DISTANCE (ft)	939			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄				24,565.33
	SUPERELEVATION	NC			
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	4/12			
	INSIDE SHOULDER WIDTH (ft)	12			
	OUTSIDE SHOULDER WIDTH (ft)	12			
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			1*	
	VERTICAL CLEARANCE (ft)				
	HORIZONTAL CLEARANCE (ft)				

FDOT

I-95 Multimodal Master Plan
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FDOT-District 4

TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
47

CGALLARD 5/3/2019 12:39:42 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70										
VERTICAL ALIGNMENT	GRADE (%)	0.00				2.50				-2.50		
	LENGTH OF CURVE (ft)				600				1,600			
	K VALUE				240				320			
	STOPPING SIGHT DISTANCE (ft)				N/A				830			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT				5,785.58			2,212.20		6,174.91		
	SUPERELEVATION	NC	NC / 1*	2*	0.037			3*	0.035			
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	4/12										
	INSIDE SHOULDER WIDTH (ft)	12										
	OUTSIDE SHOULDER WIDTH (ft)	12										
INTER-CHANGE CROSS ROAD	RAMP TERMINAL					6*						
	VERTICAL CLEARANCE (ft)								16.42			
	HORIZONTAL CLEARANCE (ft)								N/A			
	TOTAL MEDIAN WIDTH (ft)	40 - 323										
	SB/NB R/W WIDTH (ft)	VARIES (162 MIN)										

(1*) NC To RC/0.02 (2 Out-Lanes Only) 240' Transition

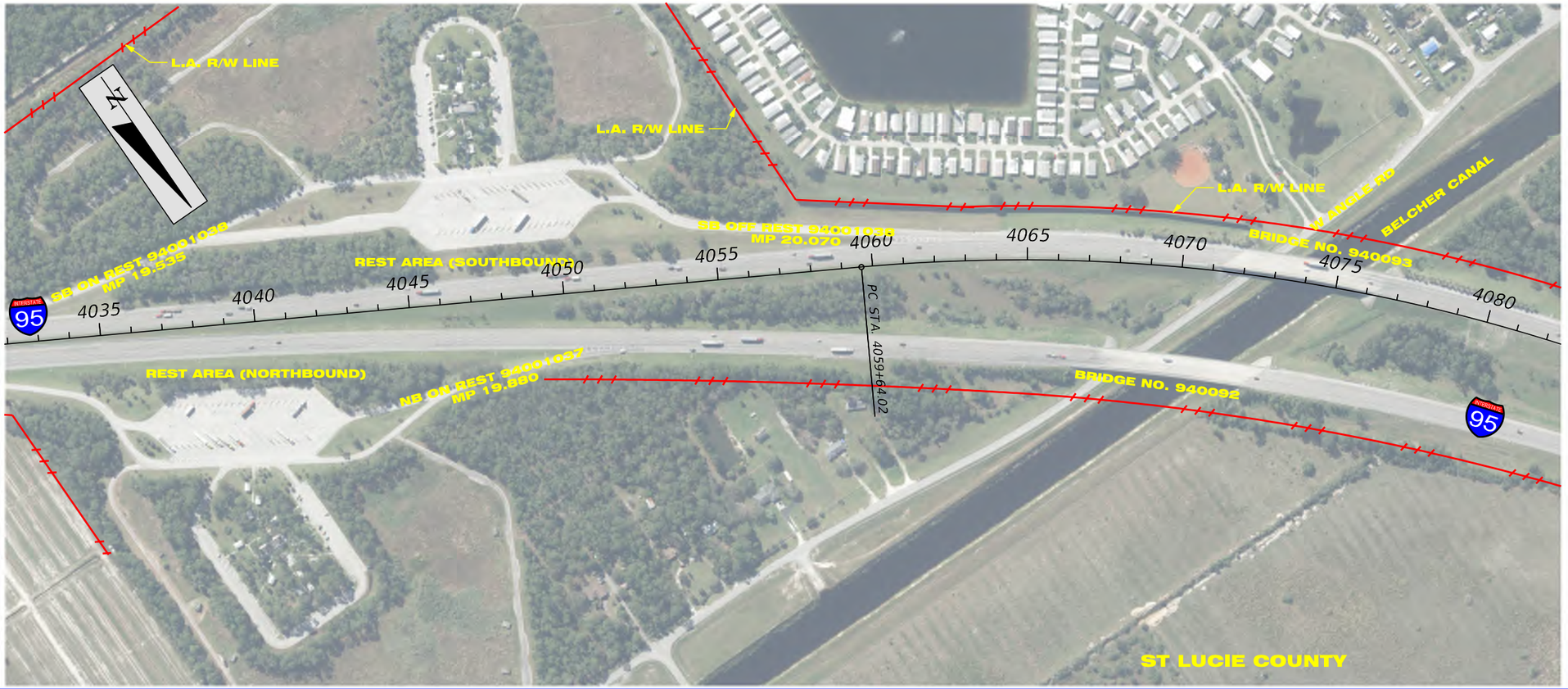
(2*) RC/0.02 To 0.037 102' Transition

(3*) 0.037 To 0.035 100' Transition

(4*) NC To RC/-0.02 (2 In-Lanes Only) 240' Transition

(5*) RC/-0.02 To 0.026 100' Transition

(6*) PARALLEL TYPE; SINGLE LANE; LANE LENGTH= 660'



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70										
VERTICAL ALIGNMENT	GRADE (%)	0.00				2.50				-2.50		
	LENGTH OF CURVE (ft)				600				1,600			
	K VALUE				240				320			
	STOPPING SIGHT DISTANCE (ft)				731				830			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT	24,555.33							8,606.37			
	SUPERELEVATION	NC			4* / NC		5*		-0.026			
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	4/12										
	INSIDE SHOULDER WIDTH (ft)	12										
	OUTSIDE SHOULDER WIDTH (ft)	12										
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	PARALLEL TYPE; SINGLE LANE; LENGTH= 1,045'										
	VERTICAL CLEARANCE (ft)								16.42			
	HORIZONTAL CLEARANCE (ft)								N/A			

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TITLE:

MAINLINE PLAN SHEETS

SHEET NO.
48

CGALLARD 5/3/2019 12:40:24 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70										
VERTICAL ALIGNMENT	GRADE (%)	-2.50			0.00							
	LENGTH OF CURVE (ft)	1,600		600								
	K VALUE	320		240								
	STOPPING SIGHT DISTANCE (ft)	830		731								
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT	6,504.81										
	SUPERELEVATION	1*		0.033				2*	3*	4*	NC	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	4/12										
	INSIDE SHOULDER WIDTH (ft)	12										
	OUTSIDE SHOULDER WIDTH (ft)	12										
INTER-CHANGE CROSS ROAD	RAMP TERMINAL											
	VERTICAL CLEARANCE (ft)											
	HORIZONTAL CLEARANCE (ft)											
	TOTAL MEDIAN WIDTH (ft)	40 - 323										40
	SB/NB R/W WIDTH (ft)	VARIES (162 MIN)										

(1*) 0.035 To 0.033 (2 In-Lanes)
100' Transition

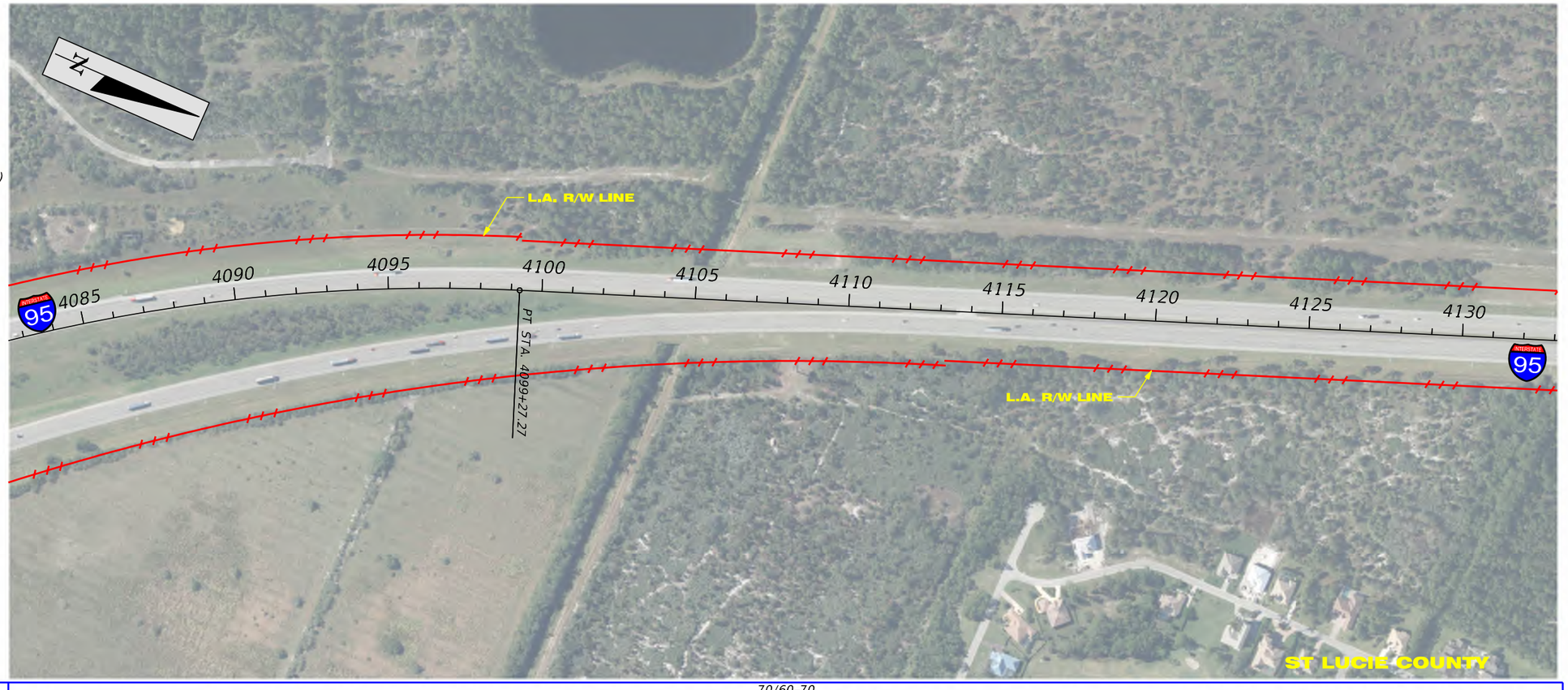
(2*) 0.033 To -0.02/NC 100' Transition

(3*) 0.02/NC (2 In-Lanes Only)

(4*) 0.033 To -0.02/NC
(2 Out-Lane Only)
318' Transition

(5*) -0.02 To 0.02/NC (2 In-Lanes Only)
240' Transition

(6*) -0.026 To -0.02 100' Transition



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70										
VERTICAL ALIGNMENT	GRADE (%)	-2.50			0.00							
	LENGTH OF CURVE (ft)	1,600		600								
	K VALUE	320		240								
	STOPPING SIGHT DISTANCE (ft)	830		731								
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT	8,594.37										
	SUPERELEVATION	-0.026						6*	5*	-0.02	NC	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	4/12										
	INSIDE SHOULDER WIDTH (ft)	12										
	OUTSIDE SHOULDER WIDTH (ft)	12										
INTER-CHANGE CROSS ROAD	RAMP TERMINAL											
	VERTICAL CLEARANCE (ft)											
	HORIZONTAL CLEARANCE (ft)											

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

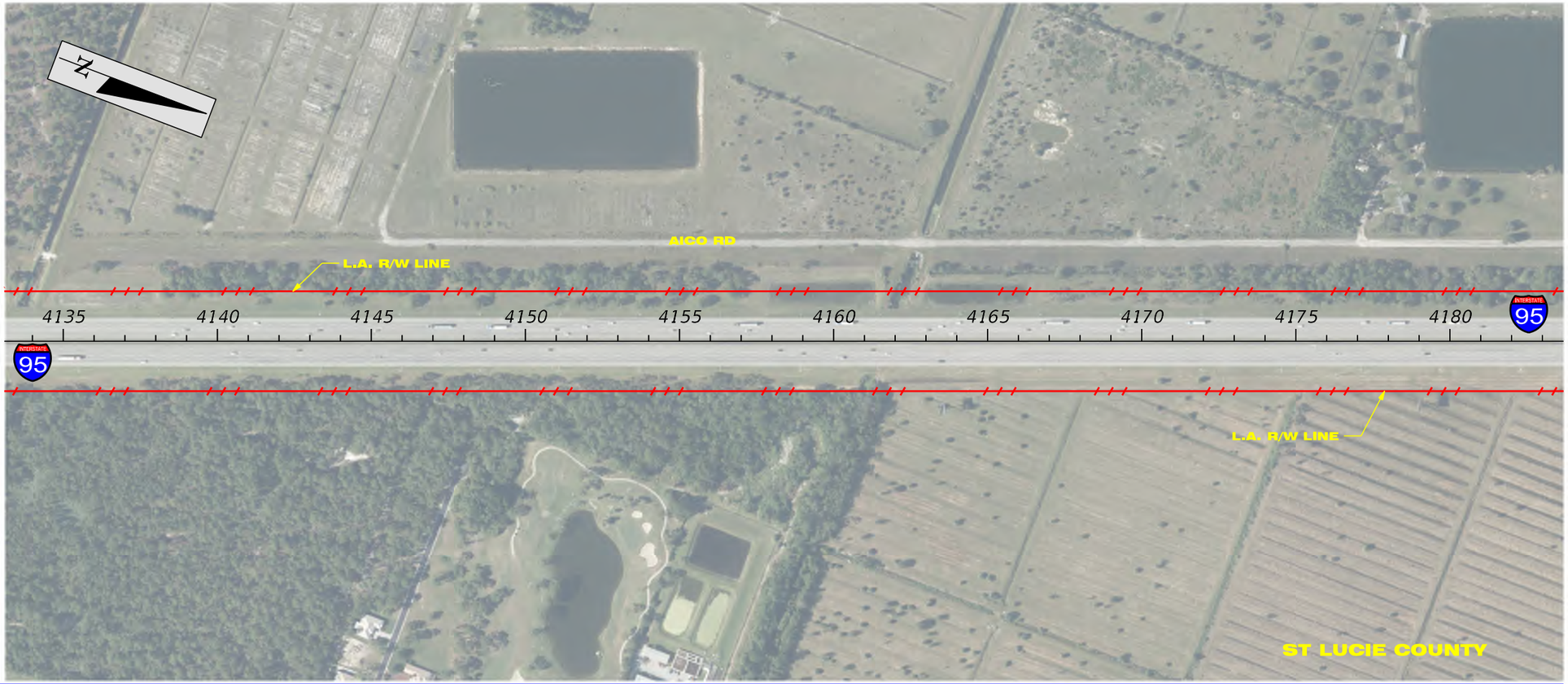
MAINLINE PLAN SHEETS

SHEET NO.
49

CGALLARD 5/3/2019 12:41:05 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	0.00
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	
	SUPERELEVATION	NC
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	4/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	
	HORIZONTAL CLEARANCE (ft)	
	TOTAL MEDIAN WIDTH (ft)	40
	SB/NB R/W WIDTH (ft)	VARIES (162 MIN)



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	0.00
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	
	SUPERELEVATION	NC
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	4/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	
	HORIZONTAL CLEARANCE (ft)	

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

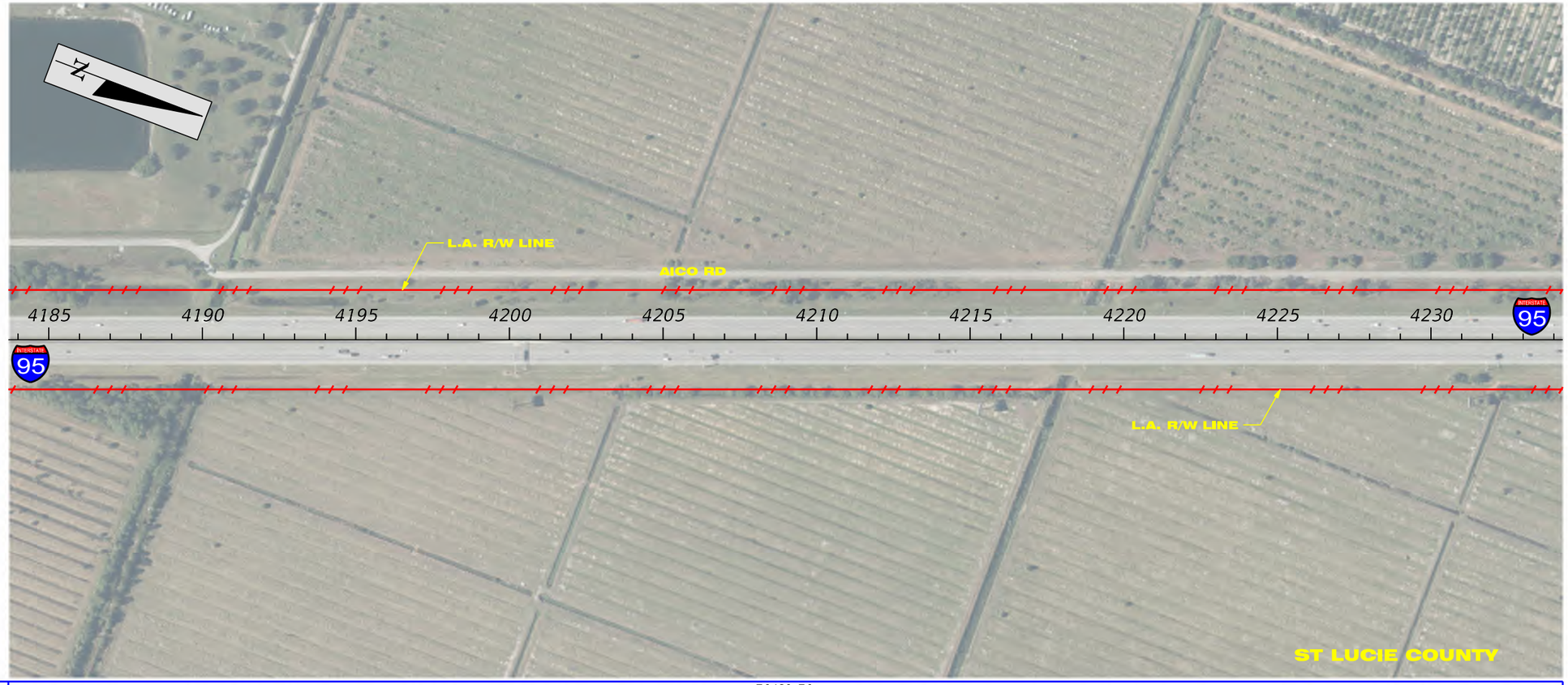
MAINLINE PLAN SHEETS

SHEET NO.

50

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	0.00
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	
	SUPERELEVATION	NC
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	4/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	
	HORIZONTAL CLEARANCE (ft)	
	TOTAL MEDIAN WIDTH (ft)	40
	SB/NB R/W WIDTH (ft)	VARIES (162 MIN)



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	0.00
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	
	SUPERELEVATION	NC
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	4/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	
	HORIZONTAL CLEARANCE (ft)	

FDOT

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
51

CGALLARD 5/3/2019 12:42:31 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
VERTICAL ALIGNMENT	GRADE (%)	0.00		0.126	2.50	-2.50
	LENGTH OF CURVE (ft)	600		NOT AVAILABLE	1,600	
	K VALUE	4,761		NOT AVAILABLE	320	
	STOPPING SIGHT DISTANCE (ft)	8,863		NOT AVAILABLE	830	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		13,750.99			
	SUPERELEVATION	NC	1*	NC		
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	4/12	3/12			
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	2*				
	VERTICAL CLEARANCE (ft)				16.20	
	HORIZONTAL CLEARANCE (ft)				56.00	
	TOTAL MEDIAN WIDTH (ft)	40	64			
	SB/NB R/W WIDTH (ft)	VARIES (62-478) / VARIES (162)				

(1*) RC To NC (In-Lanes)

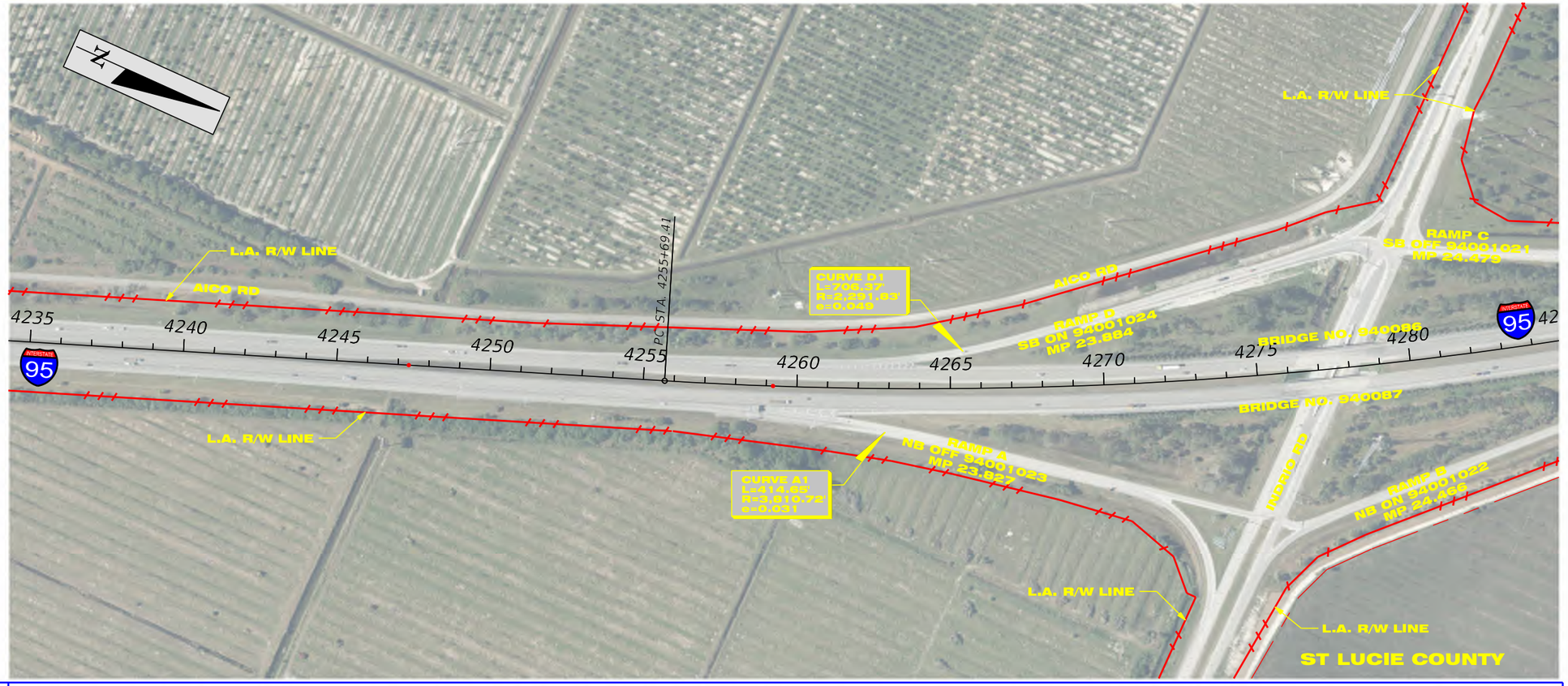
(2*) PARALLEL TYPE, SINGLE LANE; TAPER LENGTH=610'

(3*) NC To RC (Out-Lanes)

RAMP	A	D
DS (mi/hr)	50	50
LANE WD (ft)	12	15
IN SHLDR WD (ft)	8	6
OUT SHLDR WD (ft)	12	6

0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET



NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
VERTICAL ALIGNMENT	GRADE (%)	0.10		0.126	2.50	-2.50
	LENGTH OF CURVE (ft)	600		NOT AVAILABLE	1,600	
	K VALUE	4,761		NOT AVAILABLE	320	
	STOPPING SIGHT DISTANCE (ft)	8,863		NOT AVAILABLE	830	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		13,750.99			
	SUPERELEVATION	NC	3*	RC		
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	4/12	3/12			
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	TYPER TYPE, DOUBLE LANE; AUX: TAPER LENGTH= 2528'				
	VERTICAL CLEARANCE (ft)				16.20	
	HORIZONTAL CLEARANCE (ft)				56.00	

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
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FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

SHEET NO. 52

CGALLARD 5/3/2019 12:43:15 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70			
VERTICAL ALIGNMENT	GRADE (%)	-2.50	-0.0463		0.0149
	LENGTH OF CURVE (ft)	600	600		
	K VALUE	244	9,803		
	STOPPING SIGHT DISTANCE (ft)	N/A	17,930		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	13,750.99	1*		
			2*		
	SUPERELEVATION	RC			
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12			
	INSIDE SHOULDER WIDTH (ft)	12			
	OUTSIDE SHOULDER WIDTH (ft)	12			
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		4*		
	VERTICAL CLEARANCE (ft)				
	HORIZONTAL CLEARANCE (ft)				
	TOTAL MEDIAN WIDTH (ft)	64			
	SB/NB R/W WIDTH (ft)	VARIES (162-182) / VARIES (162-165)			

(1*) NC To RC (In-Lane) 120' Transition

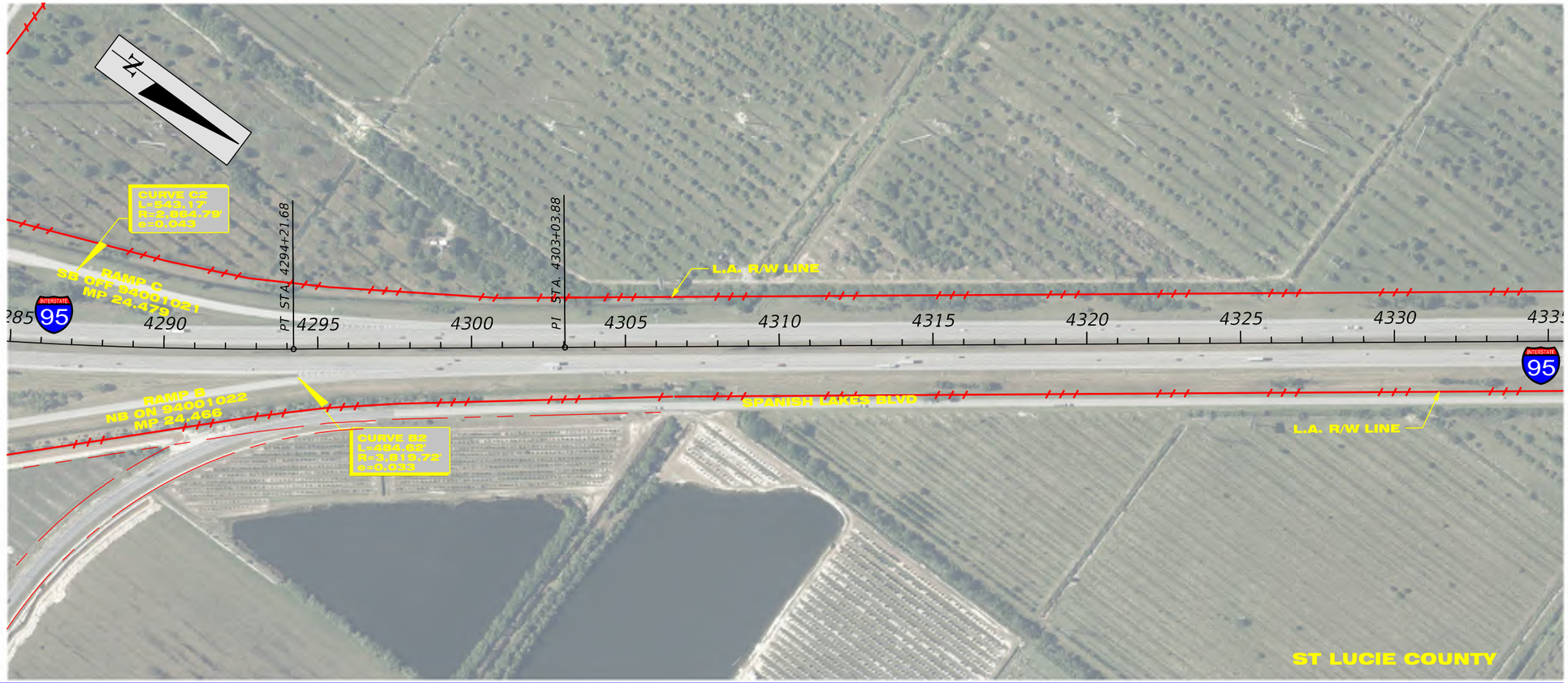
(2*) NC (Out-Lanes)

(3*) RC To NC (Out-Lanes)
240' Transition

(4*) TAPER TYPE, SINGLE LANE;
TAPER LENGTH=400'

(5*) TAPER TYPE, SINGLE LANE;
TAPER LENGTH=426'

RAMP	B	C
DS (mi/hr)	50	50
LANE WD (ft)	15	15
IN SHLDR WD (ft)	6	6
OUT SHLDR WD (ft)	6	6



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70			
VERTICAL ALIGNMENT	GRADE (%)	-2.50	-0.0463		0.0149
	LENGTH OF CURVE (ft)	600	600		
	K VALUE	244	9,803		
	STOPPING SIGHT DISTANCE (ft)	N/A	17,930		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	13,750.99			
	SUPERELEVATION	RC	RC (In-Lane)		
			3*		
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12			
	INSIDE SHOULDER WIDTH (ft)	12			
	OUTSIDE SHOULDER WIDTH (ft)	12			
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		5*		
	VERTICAL CLEARANCE (ft)				
	HORIZONTAL CLEARANCE (ft)				

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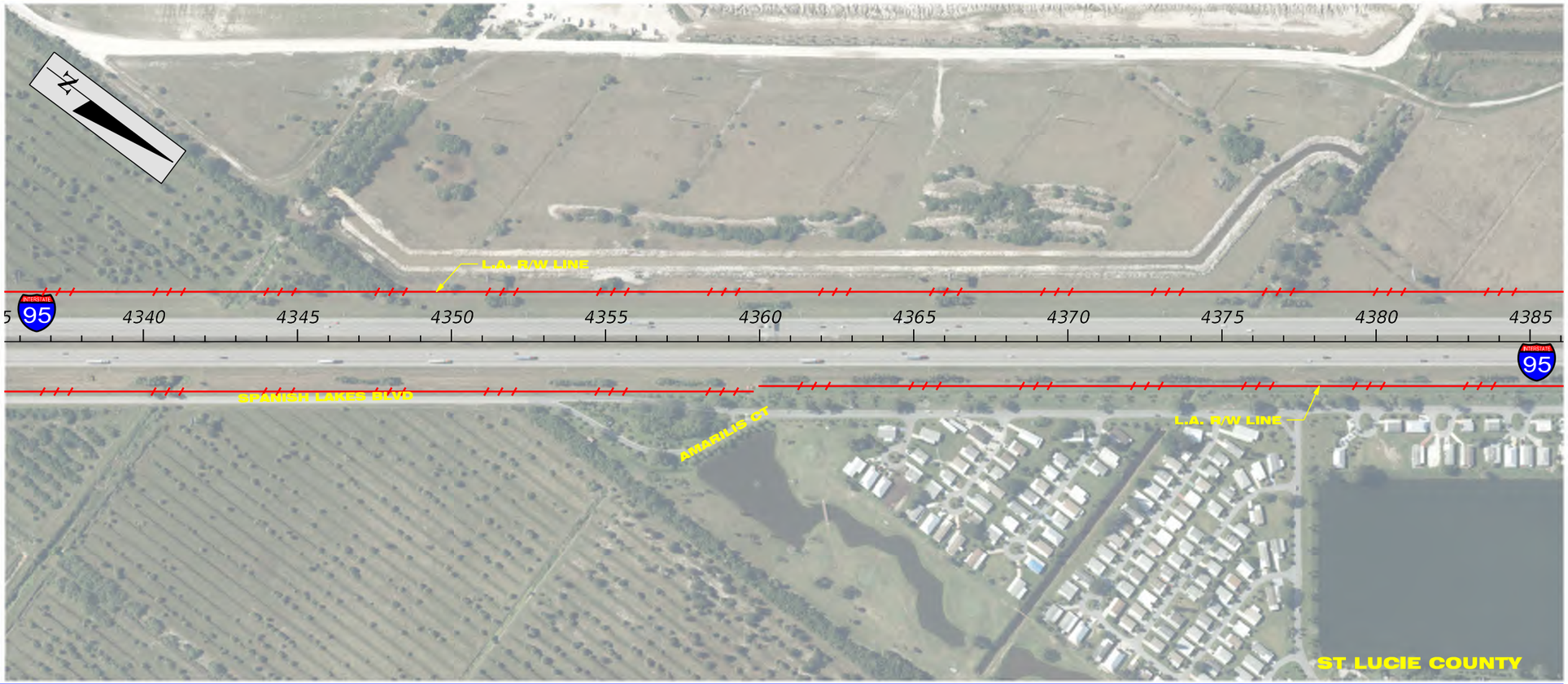
TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
53

CGALLARD 5/3/2019 12:44:04 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)	0.0149	0.00
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		
	SUPERELEVATION		
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		
	TOTAL MEDIAN WIDTH (ft)	64	
	SB/NB R/W WIDTH (ft)	VARIES (162-182) / VARIES (162-165)	



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)	0.0149	0.00
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		
	SUPERELEVATION		
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
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FDOT-District 4

TITLE:

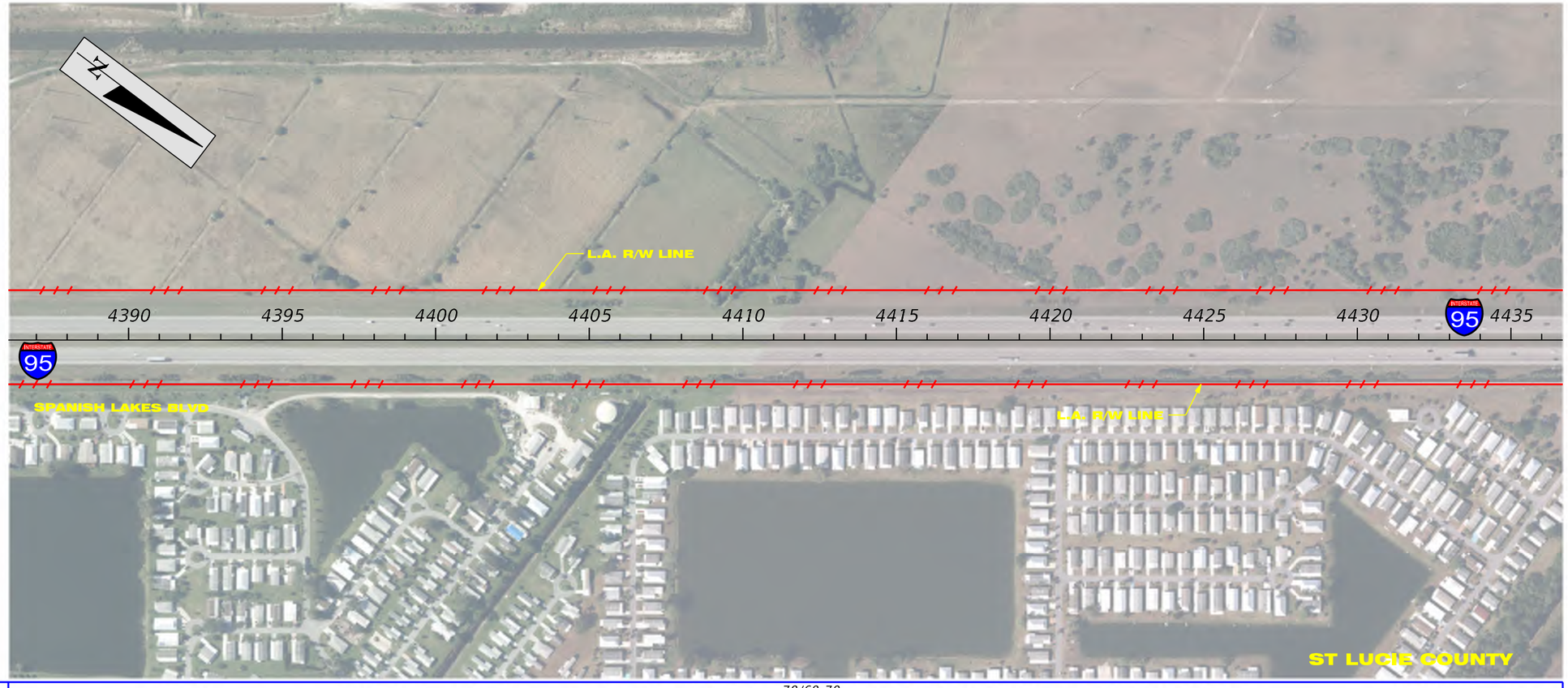
MAINLINE PLAN SHEETS

SHEET NO.
54

CGALLARD 5/3/2019 12:44:55 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)	0.00	0.0079
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		
	SUPERELEVATION		
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		
	TOTAL MEDIAN WIDTH (ft)	64	
	SB/NB R/W WIDTH (ft)	VARIES (162-182) / VARIES (162-165)	



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)	0.00	0.0079
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		
	SUPERELEVATION		
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		

FDOT

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FPID No.: 436577-1-22-01
FDOT-District 4

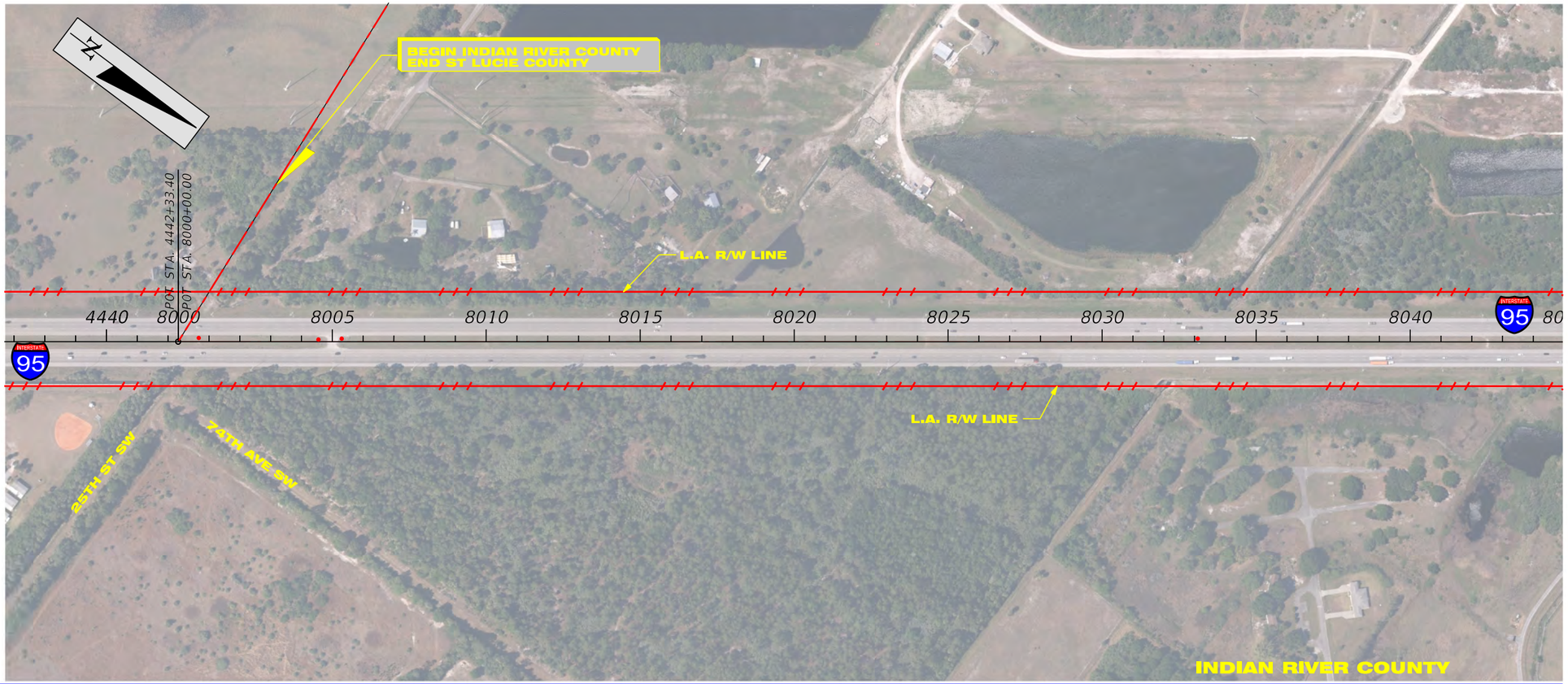
TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
55

CGALLARD 5/3/2019 12:45:48 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	0.0079
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	
	SUPERELEVATION	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	
	HORIZONTAL CLEARANCE (ft)	
	TOTAL MEDIAN WIDTH (ft)	64
	SB/NB R/W WIDTH (ft)	VARIES (162-182) / VARIES (162-165)



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	0.0079
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	
	SUPERELEVATION	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	
	HORIZONTAL CLEARANCE (ft)	

FDOT

Multimodal Master Plan TREASURE COAST

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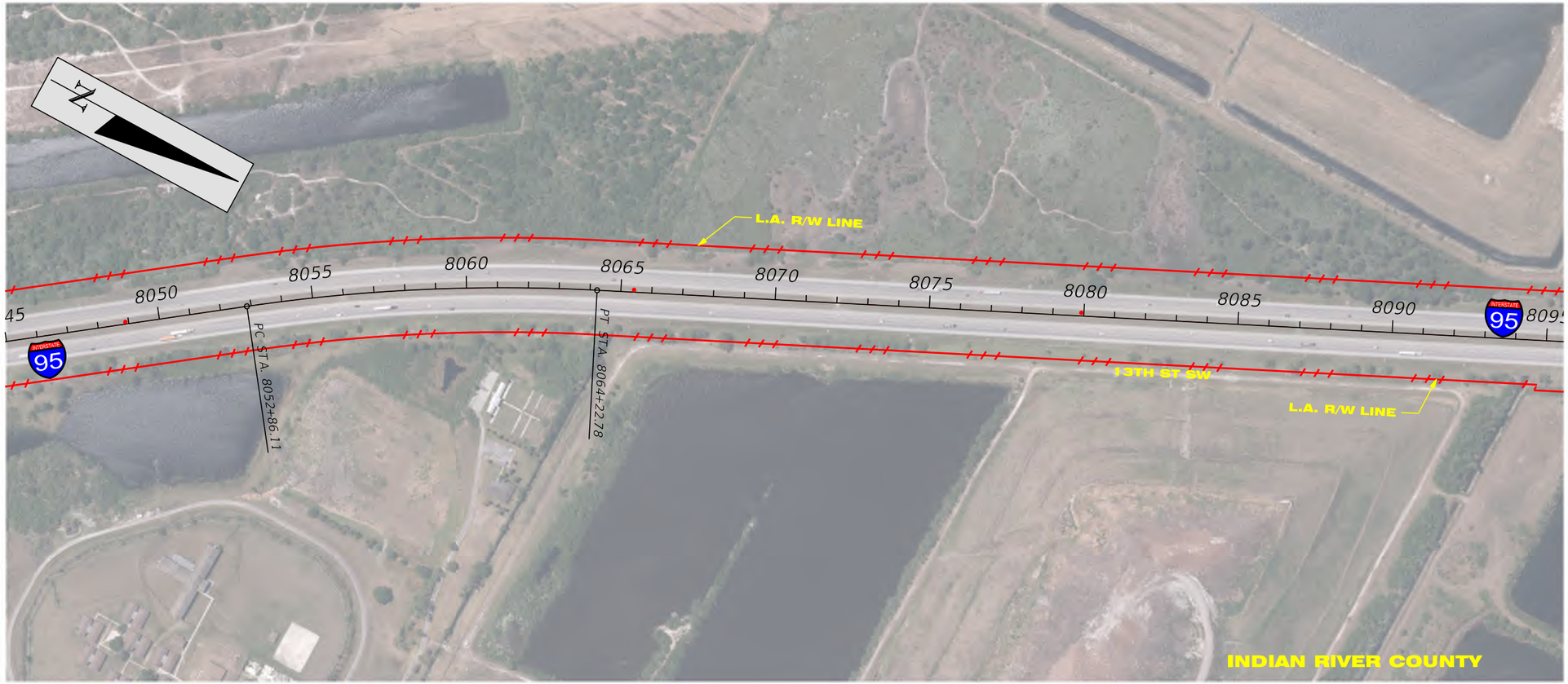
TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
56

AMATHURA 6/12/2020 4:04:54 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
VERTICAL ALIGNMENT	GRADE (%)			
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		5,729.58	
	SUPERELEVATION			
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			
	TOTAL MEDIAN WIDTH (ft)	64		
	SB/NB R/W WIDTH (ft)	VARIES (162-182) / VARIES (162-165)		



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
VERTICAL ALIGNMENT	GRADE (%)			
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		5,729.58	
	SUPERELEVATION			
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			

FDOT

Multimodal Master Plan TREASURE COAST

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FDOT-District 4

TITLE:
MAINLINE PLAN SHEETS

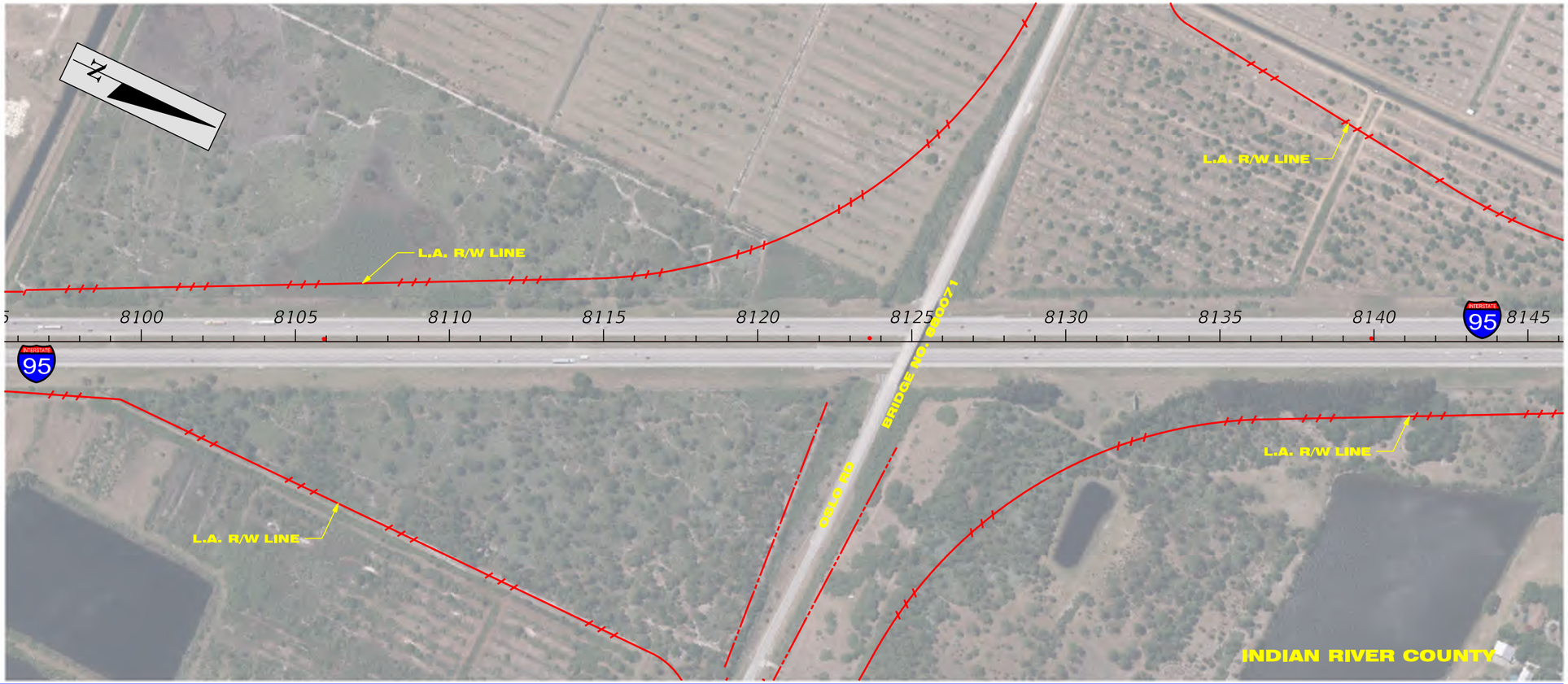
SHEET NO.
57

CGALLARD 5/3/2019 1:37:50 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	
	SUPERELEVATION	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	1*
	HORIZONTAL CLEARANCE (ft)	2*
	TOTAL MEDIAN WIDTH (ft)	64
	SB/NB R/W WIDTH (ft)	VARIES (162-182) / VARIES (162-165)

(1*) N/A
(2*) NB-R(30.1)-L(42.1)
SB-R(30.1)-L(42.1)



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	
	SUPERELEVATION	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	1*
	HORIZONTAL CLEARANCE (ft)	2*

FDOT

Multimodal Master Plan TREASURE COAST

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TITLE:

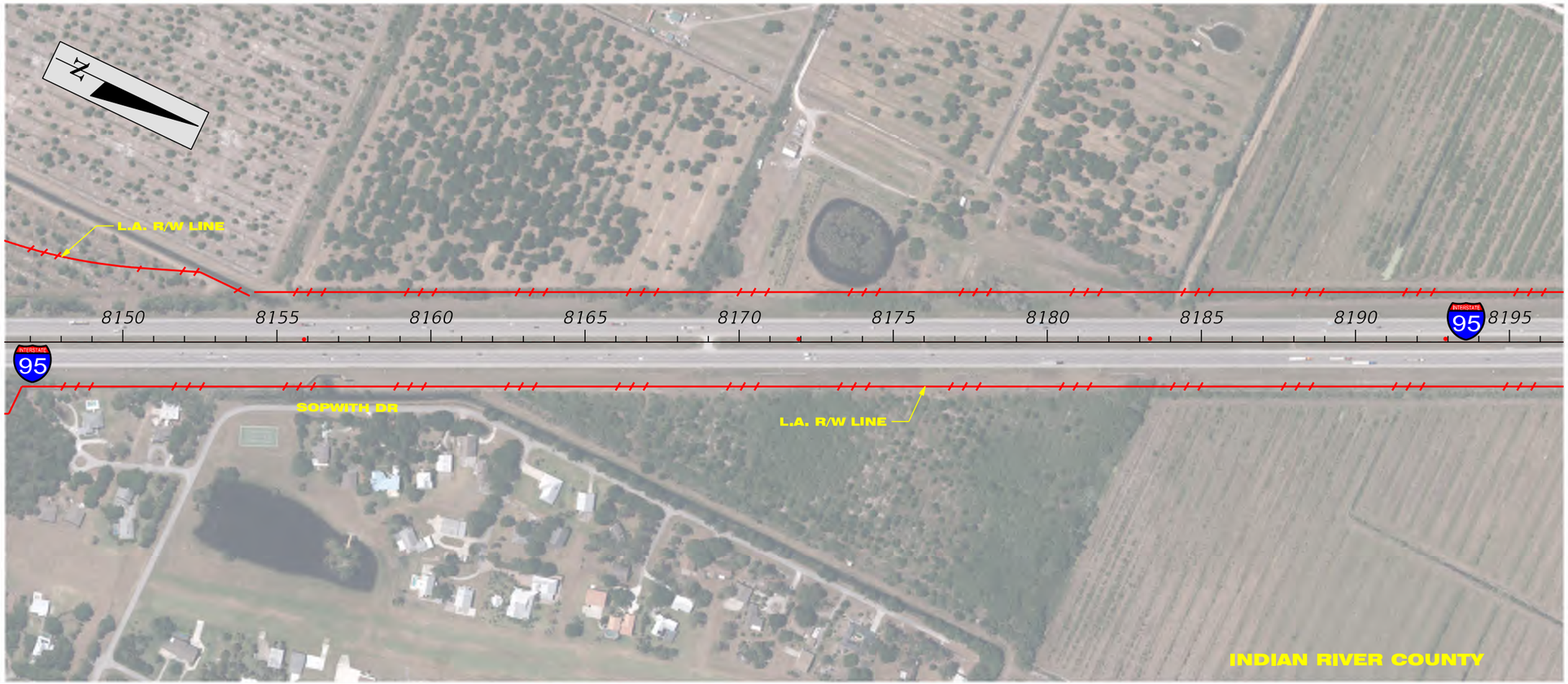
MAINLINE PLAN SHEETS

SHEET NO.
58

CGALLARD 5/3/2019 1:38:58 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)		
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		
	SUPERELEVATION		
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		
	TOTAL MEDIAN WIDTH (ft)	64	64 - 26
	SB/NB R/W WIDTH (ft)	VARIES (162-182) / VARIES (162-165)	



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)		
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		
	SUPERELEVATION		
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		

FDOT

Multimodal Master Plan TREASURE COAST

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FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

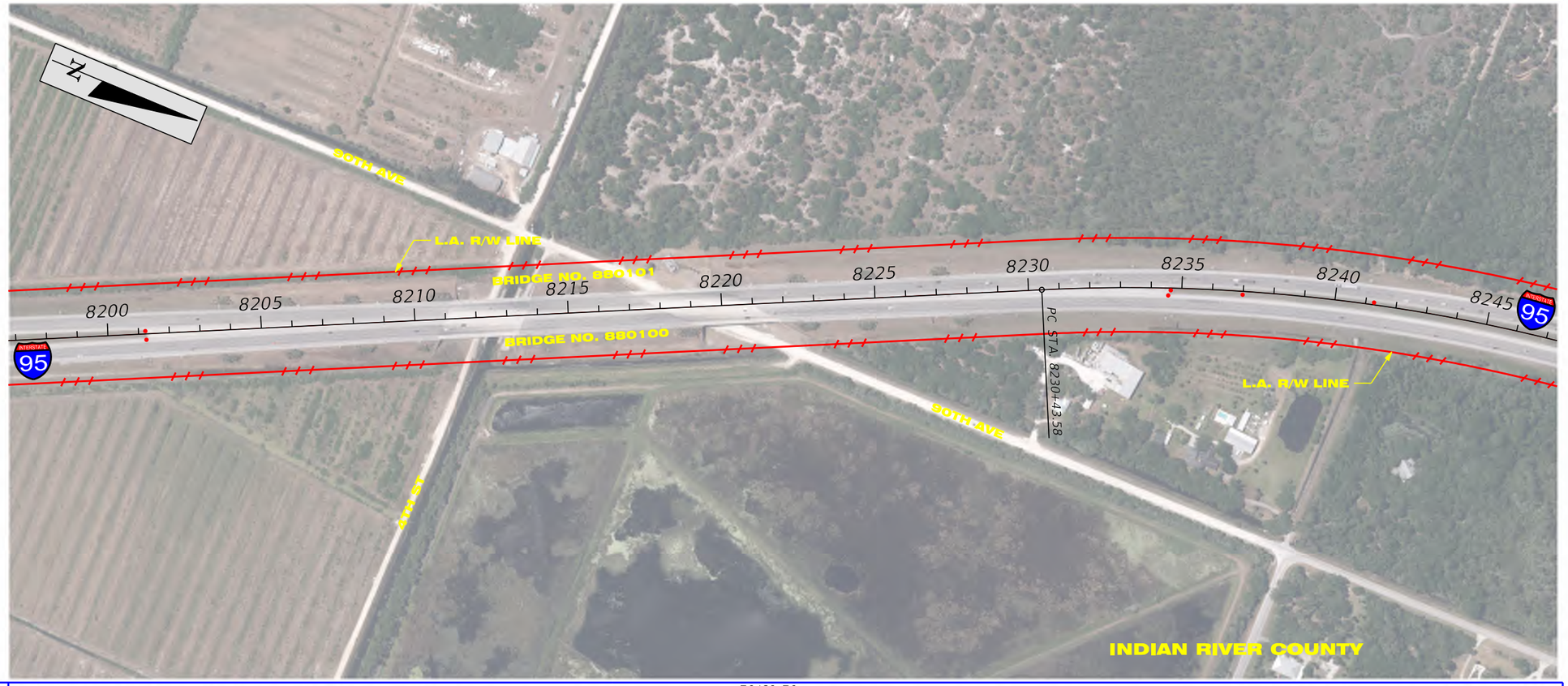
SHEET NO.
59

CGALLARD 5/3/2019 1:39:49 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70										
VERTICAL ALIGNMENT	GRADE (%)	0.110		2.400		-2.300				0.000		
	LENGTH OF CURVE (ft)		800		2,378			800				
	K VALUE		319		506			348				
	STOPPING SIGHT DISTANCE (ft)		N/A		1045			N/A				
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT								6,012.00			
	SUPERELEVATION								0.037	1*		
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12										
	INSIDE SHOULDER WIDTH (ft)	12										
	OUTSIDE SHOULDER WIDTH (ft)	12										
INTER-CHANGE CROSS ROAD	RAMP TERMINAL											
	VERTICAL CLEARANCE (ft)			18.4		17.00						
	HORIZONTAL CLEARANCE (ft)			N/A		N/A						
	TOTAL MEDIAN WIDTH (ft)	26 - 64										64 - 113
	SB/NB R/W WIDTH (ft)	VARIES (162-182) / VARIES (162-165)										

(1*) -0.037 To -0.028
400' Transition



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70										
VERTICAL ALIGNMENT	GRADE (%)	0.100		2.400		-2.300				0.040		
	LENGTH OF CURVE (ft)		800		2,378			800				
	K VALUE		320		506			342				
	STOPPING SIGHT DISTANCE (ft)		N/A		1045			N/A				
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT								6,562.51		5,708.70	
	SUPERELEVATION								0.037			
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12										
	INSIDE SHOULDER WIDTH (ft)	12										
	OUTSIDE SHOULDER WIDTH (ft)	12										
INTER-CHANGE CROSS ROAD	RAMP TERMINAL											
	VERTICAL CLEARANCE (ft)			18.4		17.00						
	HORIZONTAL CLEARANCE (ft)			N/A		N/A						

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TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
60

CGALLARD 5/3/2019 1:41:02 PM PW:\

SOUTHBOUND

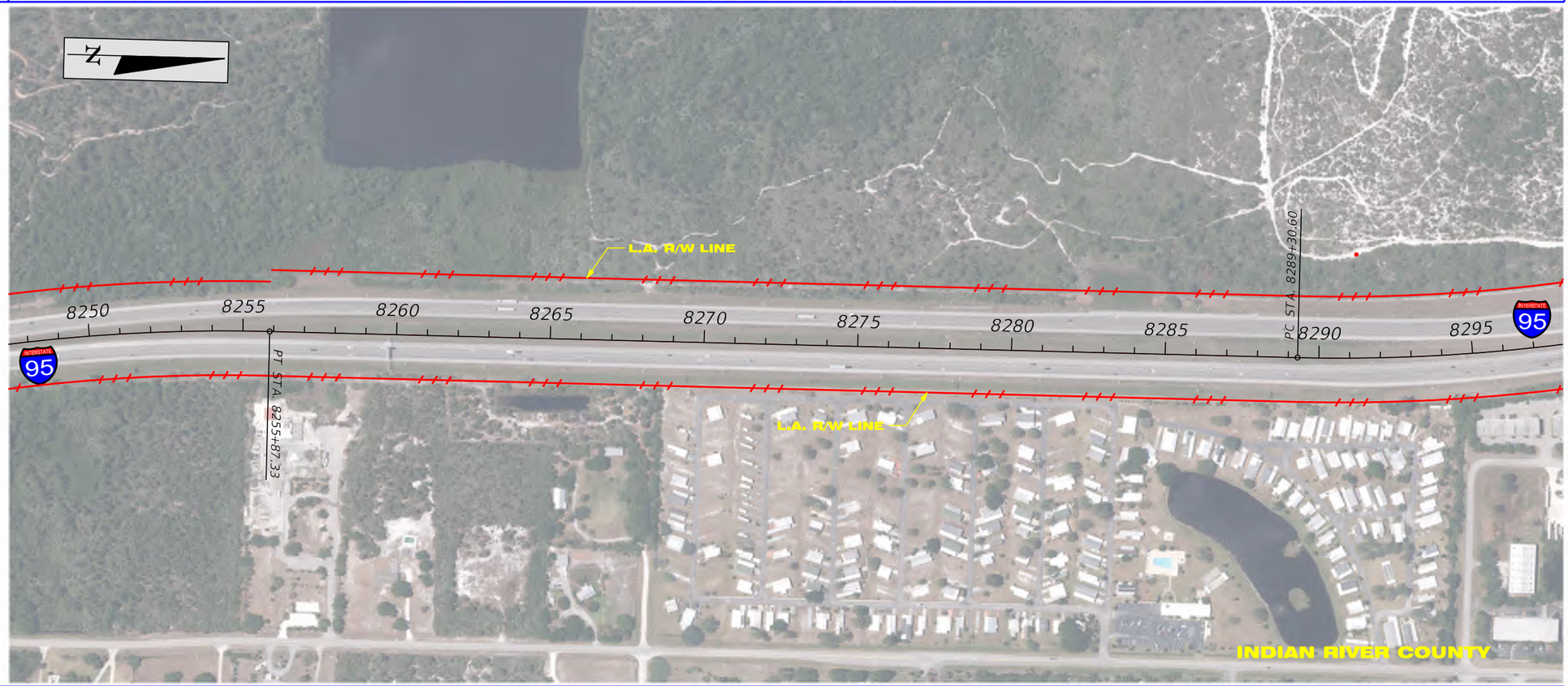
	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
VERTICAL ALIGNMENT	GRADE (%)					
	LENGTH OF CURVE (ft)					
	K VALUE					
	STOPPING SIGHT DISTANCE (ft)					
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT	7,584.31	7,859.54			5,688.00
	SUPERELEVATION	0.028	1*	2*		0.037
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12			4/12	
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL					
	VERTICAL CLEARANCE (ft)					
	HORIZONTAL CLEARANCE (ft)					
	TOTAL MEDIAN WIDTH (ft)	64 - 113				
	SB/NB R/W WIDTH (ft)	VARIES (162-182) / VARIES (162-165)				

(1*) 0.028 To -0.020 (Out-Lanes)
288' Transition

(2*) -0.028 To -0.020 (Out-Lanes)
100' Transition

(*) -0.037o -0.020 (Out-Lanes)
102' Transition

(4*) -0.037 To -0.020 (In-Lanes)
342' Transition



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
VERTICAL ALIGNMENT	GRADE (%)					
	LENGTH OF CURVE (ft)					
	K VALUE					
	STOPPING SIGHT DISTANCE (ft)					
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT	5,708.70				5,712.00
	SUPERELEVATION	0.037	1*	4*		0.037
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL					
	VERTICAL CLEARANCE (ft)					
	HORIZONTAL CLEARANCE (ft)					

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
61

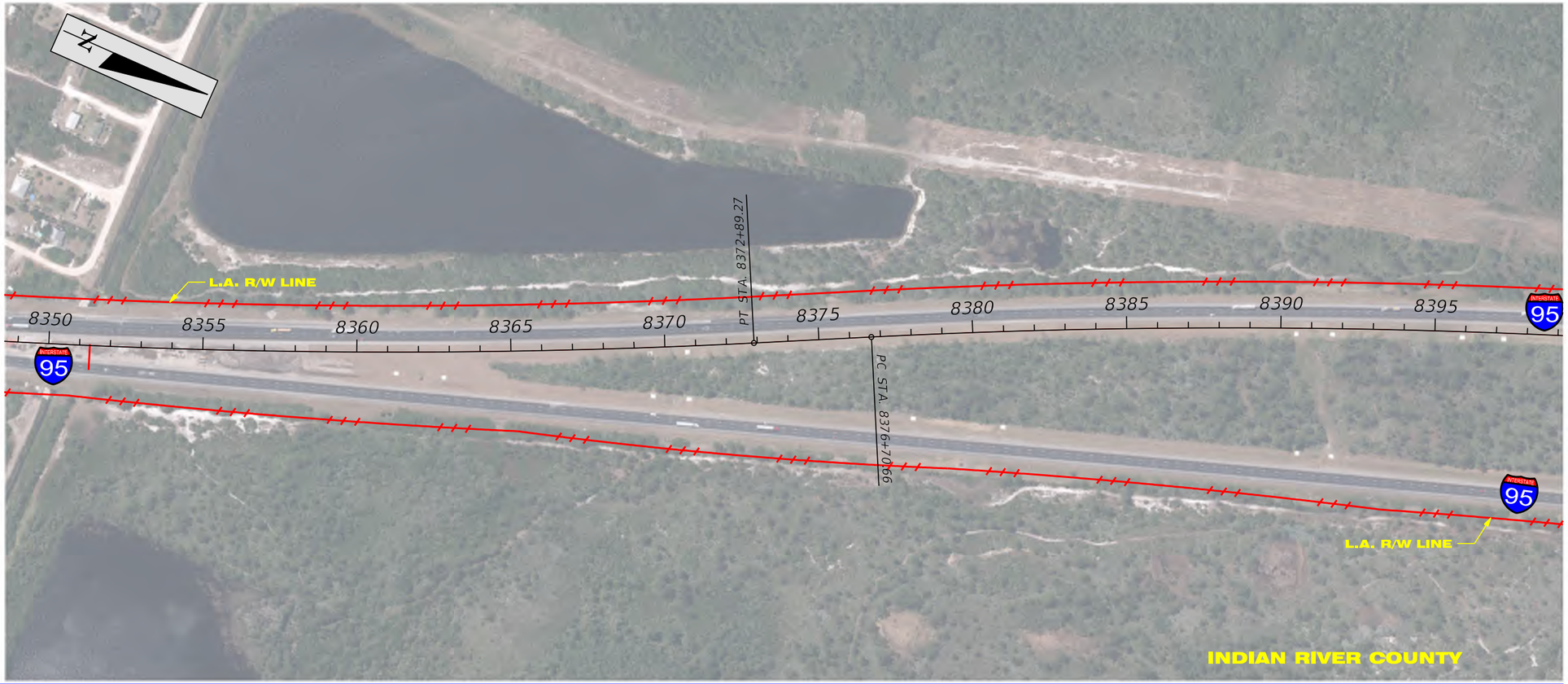
CGALLARD 5/3/2019 1:41:59 PM PW:\

SOUTHBOUND

| | | |

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)		
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		22,918
	SUPERELEVATION		0.0208
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		
	TOTAL MEDIAN WIDTH (ft)	64 - 563	
	SB/NB R/W WIDTH (ft)	VARIES (150-200)	



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)		
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		
	SUPERELEVATION		
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

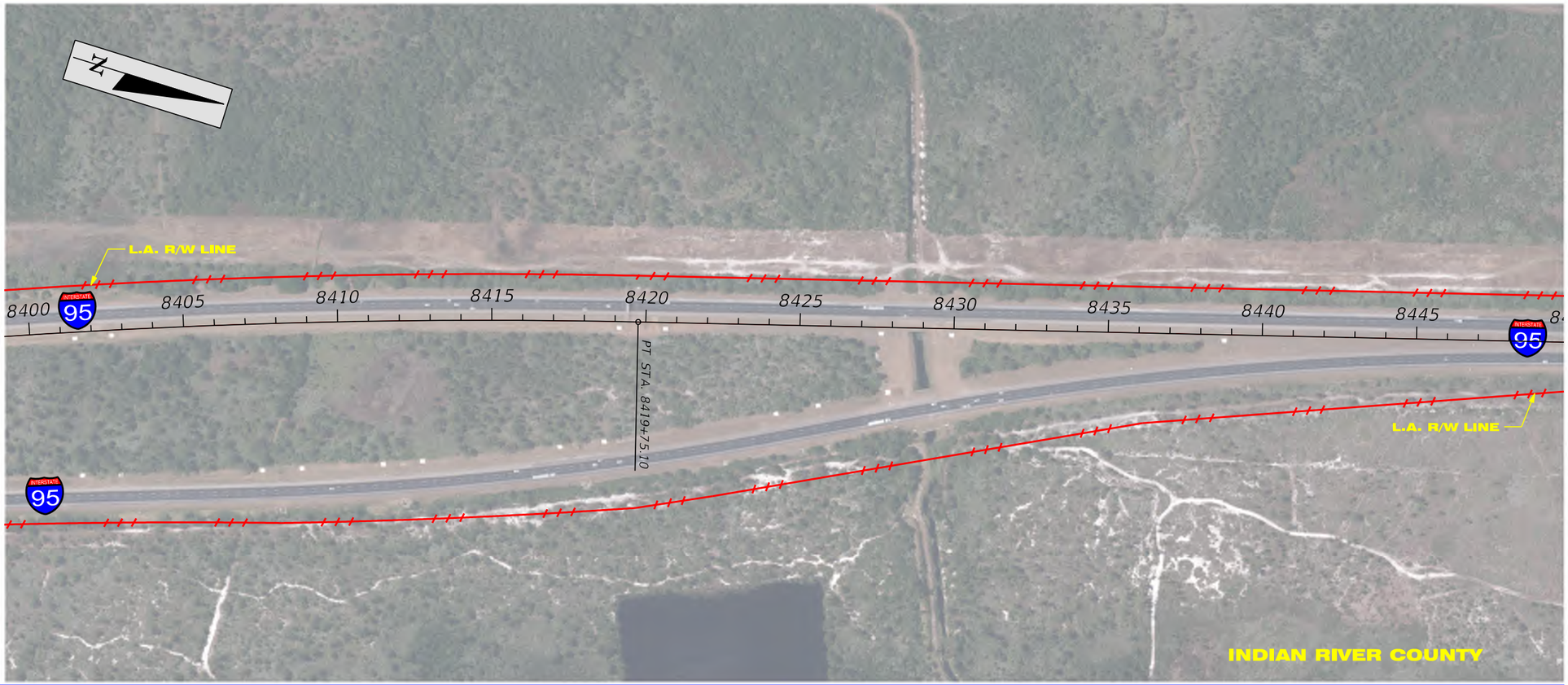
TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
63

CGALLARD 5/3/2019 1:43:50 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)	0.000	0.050
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	22,918	
	SUPERELEVATION	0.0208	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		
	TOTAL MEDIAN WIDTH (ft)	64 - 663	
	SB/NB R/W WIDTH (ft)	VARIES (150-200)	



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
VERTICAL ALIGNMENT	GRADE (%)		0.050	
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT		11,459.16	
	SUPERELEVATION		0.0208	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

SHEET NO.
64

CGALLARD 5/3/2019 1:45:05 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	
	SUPERELEVATION	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	
	HORIZONTAL CLEARANCE (ft)	
	TOTAL MEDIAN WIDTH (ft)	64
	SB/NB R/W WIDTH (ft)	VARIES (150-200)



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	
	SUPERELEVATION	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	
	HORIZONTAL CLEARANCE (ft)	

FDOT

95 Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

SHEET NO. 65

CGALLARD 5/3/2019 1:45:59 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	
	SUPERELEVATION	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	
	HORIZONTAL CLEARANCE (ft)	
	TOTAL MEDIAN WIDTH (ft)	64
	SB/NB R/W WIDTH (ft)	VARIES (150-200)



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	
	SUPERELEVATION	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	
	HORIZONTAL CLEARANCE (ft)	

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

SHEET NO.

66

CGALLARD 5/3/2019 1:46:49 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
VERTICAL ALIGNMENT	GRADE (%)			
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		22,918.31	
	SUPERELEVATION		0.0208	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			
	TOTAL MEDIAN WIDTH (ft)	64		
	SB/NB R/W WIDTH (ft)	VARIES (150-200)		



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
VERTICAL ALIGNMENT	GRADE (%)			
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		22,918.31	
	SUPERELEVATION		0.0208	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

SHEET NO. 67

CGALLARD 5/3/2019 1:47:38 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	
	SUPERELEVATION	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	
	HORIZONTAL CLEARANCE (ft)	
	TOTAL MEDIAN WIDTH (ft)	64
	SB/NB R/W WIDTH (ft)	VARIES (150-200)



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	
	SUPERELEVATION	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	
	HORIZONTAL CLEARANCE (ft)	

FDOT

Multimodal Master Plan TREASURE COAST

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FDOT-District 4

TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
68

CGALLARD 5/3/2019 1:51:07 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)		
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		22,918.31
	SUPERELEVATION		0.0208
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		
	TOTAL MEDIAN WIDTH (ft)	64	
	SB/NB R/W WIDTH (ft)	VARIES (150-200)	



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)		
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄		22,918.31
	SUPERELEVATION		0.0208
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
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FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

SHEET NO.
69

CGALLARD 5/6/2019 4:11:01 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
VERTICAL ALIGNMENT	GRADE (%)			
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	22,918.31		11,459.16
	SUPERELEVATION	0.0208		RC
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			
	TOTAL MEDIAN WIDTH (ft)	64		
	SB/NB R/W WIDTH (ft)	VARIES (150-200)		



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
VERTICAL ALIGNMENT	GRADE (%)			
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	22,918.31		11,459.16
	SUPERELEVATION	0.0208		RC
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			

FDOT

Multimodal Master Plan TREASURE COAST

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FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

SHEET NO. 70

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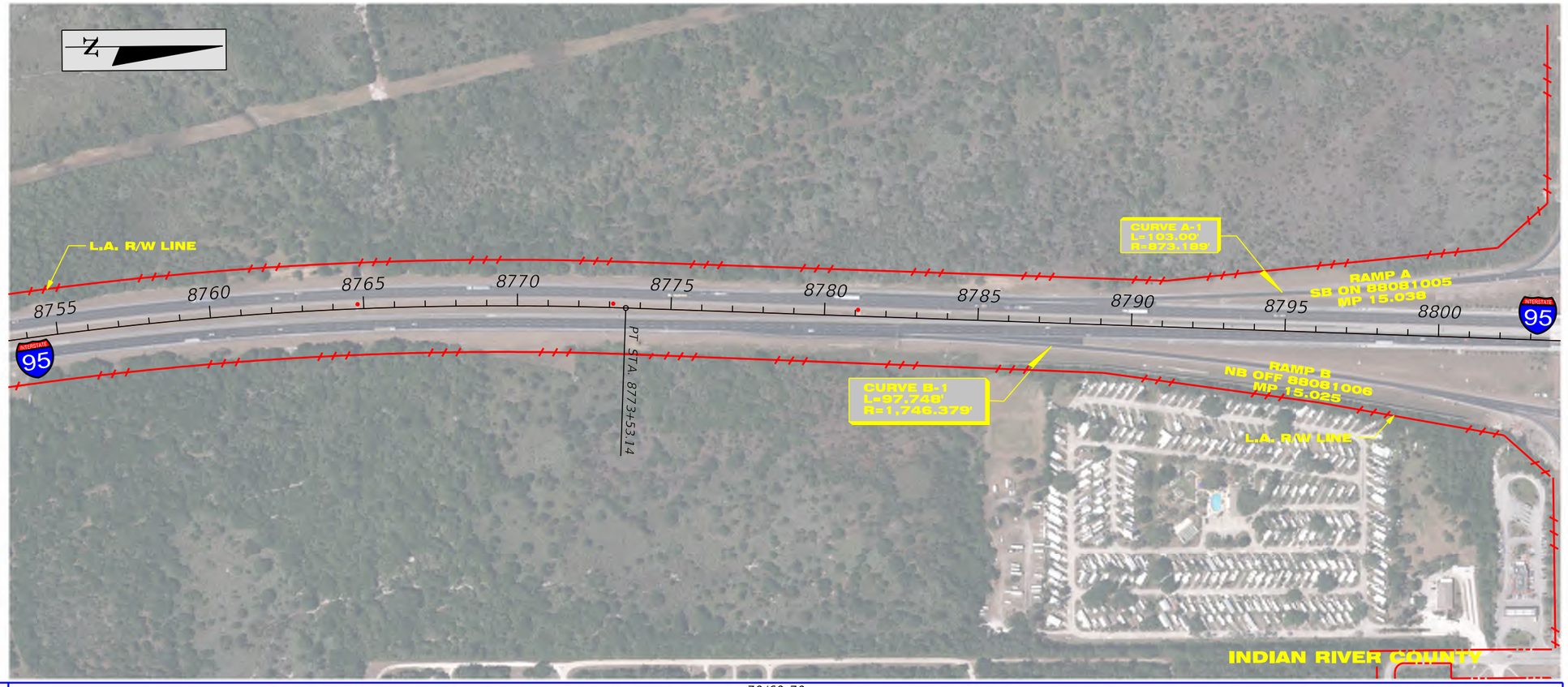
SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
VERTICAL ALIGNMENT	GRADE (%)		0.019		1.179	
	LENGTH OF CURVE (ft)		800		1,811.48	
	K VALUE		452		506	
	STOPPING SIGHT DISTANCE (ft)		N/A		1045	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	11,459.16				
	SUPERELEVATION	RC				
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		1*			
	VERTICAL CLEARANCE (ft)					
	HORIZONTAL CLEARANCE (ft)					
	TOTAL MEDIAN WIDTH (ft)	64	26 - 64			
	SB/NB R/W WIDTH (ft)	VARIES (150-200)	VARIES (150 TYPICAL)			

(1*) PARALLEL TYPE, SINGLE LANE;
TAPER LENGHT=678'

(2*) TYPER TYPE, SINGLE LANE;
TAPER LENGHT=514'

RAMP	A	B
DS (mi/hr)	35-50	35-50
LANE WD (ft)	15	15
IN SHLDR WD (ft)	6	6
OUT SHLDR WD (ft)	8	8



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70				
VERTICAL ALIGNMENT	GRADE (%)		0.019		1.179	
	LENGTH OF CURVE (ft)		800		1,811.48	
	K VALUE		452		506	
	STOPPING SIGHT DISTANCE (ft)		N/A		1045	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	11,459.16				
	SUPERELEVATION	RC				
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12				
	INSIDE SHOULDER WIDTH (ft)	12				
	OUTSIDE SHOULDER WIDTH (ft)	12				
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		2*			
	VERTICAL CLEARANCE (ft)					
	HORIZONTAL CLEARANCE (ft)					

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
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FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

SHEET NO.
71

CGALLARD 5/6/2019 4:12:45 PM PW:\

SOUTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70			
	GRADE (%)	1.790	-1.790		
	LENGTH OF CURVE (ft)	1,811.48			
	K VALUE	506			
	STOPPING SIGHT DISTANCE (ft)	1045			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄				
	SUPERELEVATION				
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12			
	INSIDE SHOULDER WIDTH (ft)	12			
	OUTSIDE SHOULDER WIDTH (ft)	12			
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		1*		
	VERTICAL CLEARANCE (ft)	16.50			
	HORIZONTAL CLEARANCE (ft)	N/A			
	TOTAL MEDIAN WIDTH (ft)	26 - 64			64
	SB/NB R/W WIDTH (ft)	VARIES (150 TYPICAL)			

(1*) TAPER TYPE, SINGLE LANE;
TAPER LENGTH=665'

(2*) PARALLEL TYPE, SINGLE LANE;
TAPER LENGTH=720'

RAMP	C	D
DS (mi/hr)	35-50	35-50
LANE WD (ft)	15	15
IN SHLDR WD (ft)	6	6
OUT SHLDR WD (ft)	8	8



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

VERTICAL ALIGNMENT	DESIGN/POSTED SPEED (mi/hr)	70/60-70			
	GRADE (%)	1.790	-1.790		
	LENGTH OF CURVE (ft)	1,811.48			
	K VALUE	506			
	STOPPING SIGHT DISTANCE (ft)	1045			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄				
	SUPERELEVATION				
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12			
	INSIDE SHOULDER WIDTH (ft)	12			
	OUTSIDE SHOULDER WIDTH (ft)	12			
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		2*		
	VERTICAL CLEARANCE (ft)	16.50			
	HORIZONTAL CLEARANCE (ft)	N/A			

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

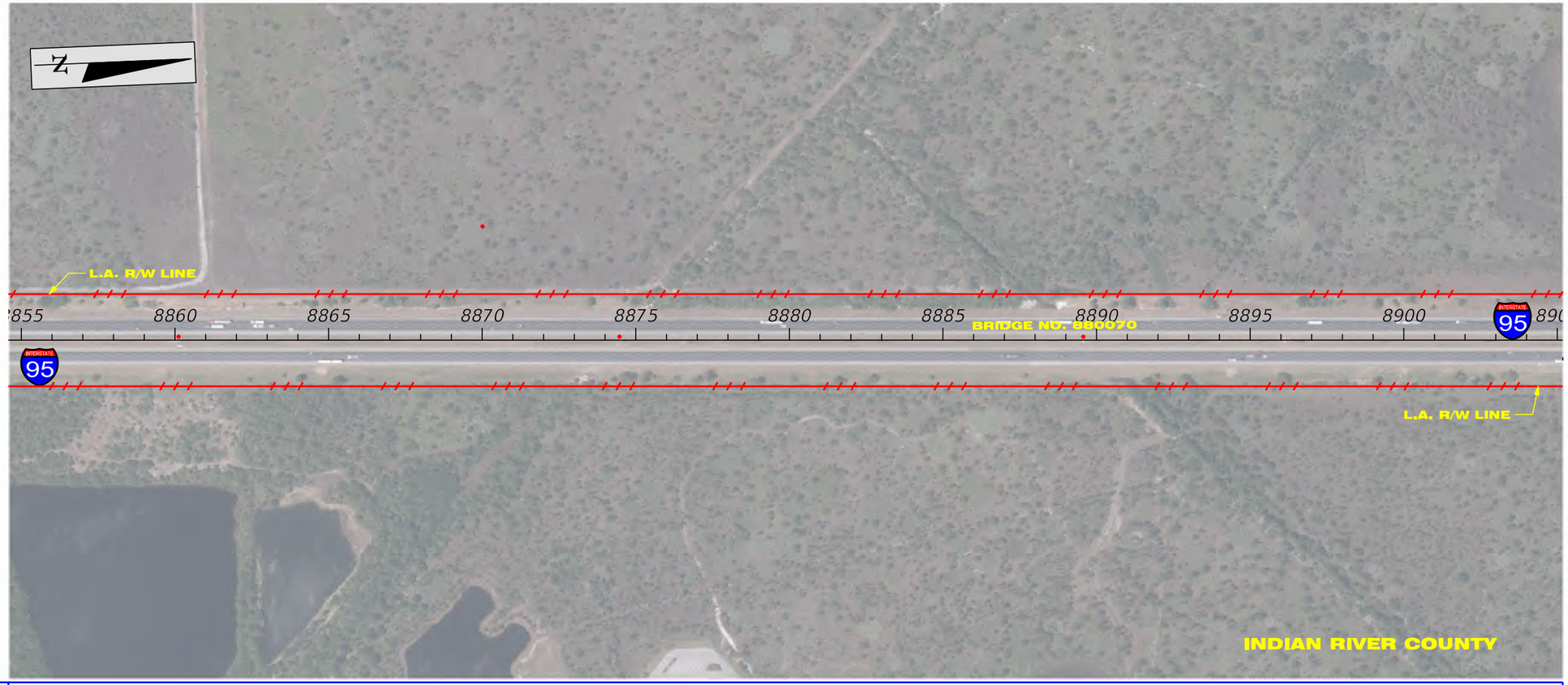
MAINLINE PLAN SHEETS

SHEET NO.
72

CGALLARD 5/6/2019 4:13:27 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	
	SUPERELEVATION	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	
	HORIZONTAL CLEARANCE (ft)	
	TOTAL MEDIAN WIDTH (ft)	64
	SB/NB R/W WIDTH (ft)	VARIES (150 TYPICAL)



0 100 400
Feet

LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	
	SUPERELEVATION	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	
	HORIZONTAL CLEARANCE (ft)	

FDOT

Multimodal Master Plan TREASURE COAST

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FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

MAINLINE PLAN SHEETS

SHEET NO. 73

CGALLARD 5/6/2019 4:14:08 PM PW:\

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)		
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT		7,650.87
	SUPERELEVATION		0.028
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		
	TOTAL MEDIAN WIDTH (ft)	64	64 – 487
	SB/NB R/W WIDTH (ft)	VARIES (150 TYPICAL)	



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70		
VERTICAL ALIGNMENT	GRADE (%)			
	LENGTH OF CURVE (ft)			
	K VALUE			
	STOPPING SIGHT DISTANCE (ft)			
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT		7,651.44	
	SUPERELEVATION		0.028	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12		
	INSIDE SHOULDER WIDTH (ft)	12		
	OUTSIDE SHOULDER WIDTH (ft)	12		
INTER-CHANGE CROSS ROAD	RAMP TERMINAL			
	VERTICAL CLEARANCE (ft)			
	HORIZONTAL CLEARANCE (ft)			

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

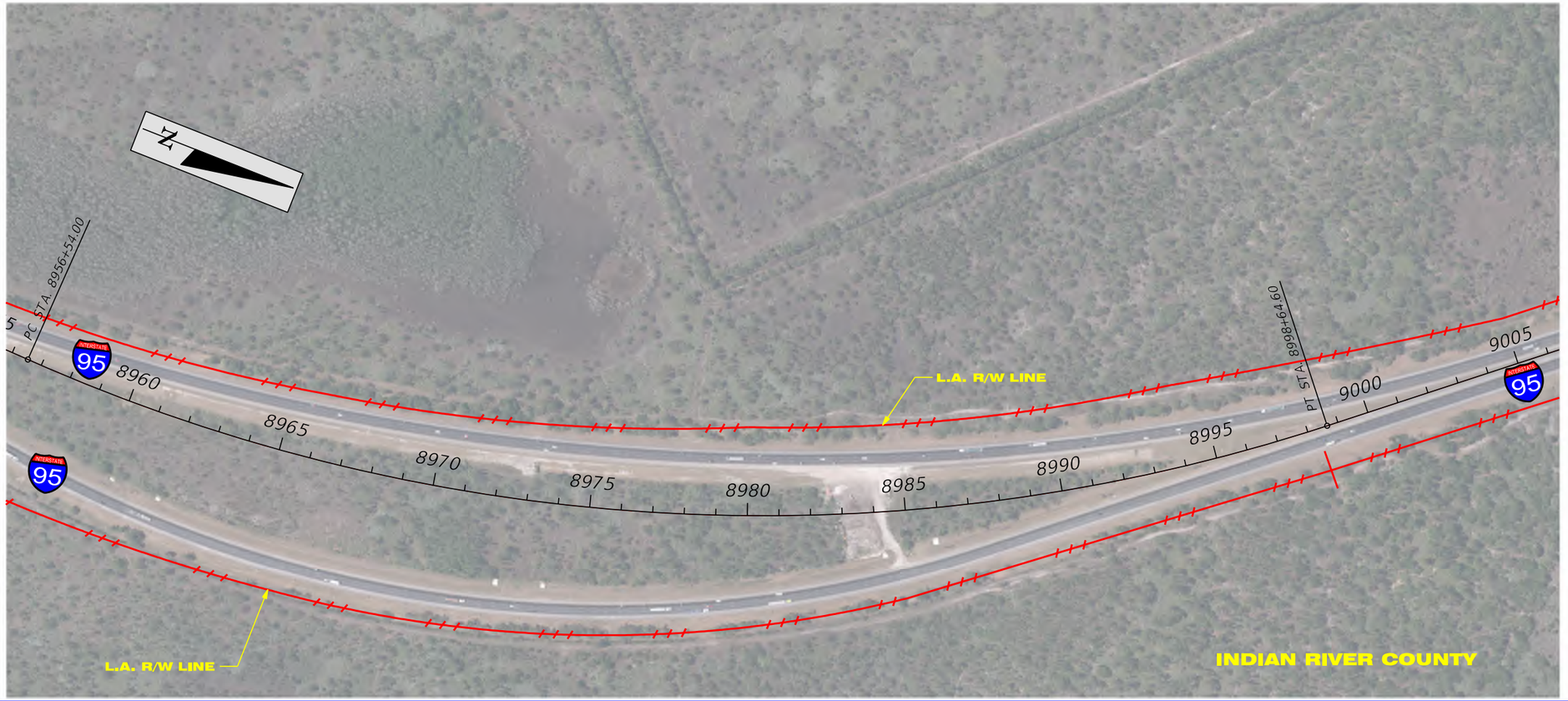
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MAINLINE PLAN SHEETS

SHEET NO.
74

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SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)		
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT	7,650.87	
	SUPERELEVATION	0.028	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		
	TOTAL MEDIAN WIDTH (ft)	64 - 487	40
	SB/NB R/W WIDTH (ft)	VARIES (150 TYPICAL)	



0 100 400
Feet

LEGEND
SUBSTANDARD
DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70	
VERTICAL ALIGNMENT	GRADE (%)		
	LENGTH OF CURVE (ft)		
	K VALUE		
	STOPPING SIGHT DISTANCE (ft)		
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG INSIDE EOT	3,807.47	
	SUPERELEVATION	0.054	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12	
	INSIDE SHOULDER WIDTH (ft)	12	
	OUTSIDE SHOULDER WIDTH (ft)	12	
INTER-CHANGE CROSS ROAD	RAMP TERMINAL		
	VERTICAL CLEARANCE (ft)		
	HORIZONTAL CLEARANCE (ft)		

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:
MAINLINE PLAN SHEETS

SHEET NO.
75

SOUTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	
	SUPERELEVATION	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	
	HORIZONTAL CLEARANCE (ft)	
	TOTAL MEDIAN WIDTH (ft)	40
	SB/NB R/W WIDTH (ft)	VARIES (150 TYPICAL)



0 100 400
Feet

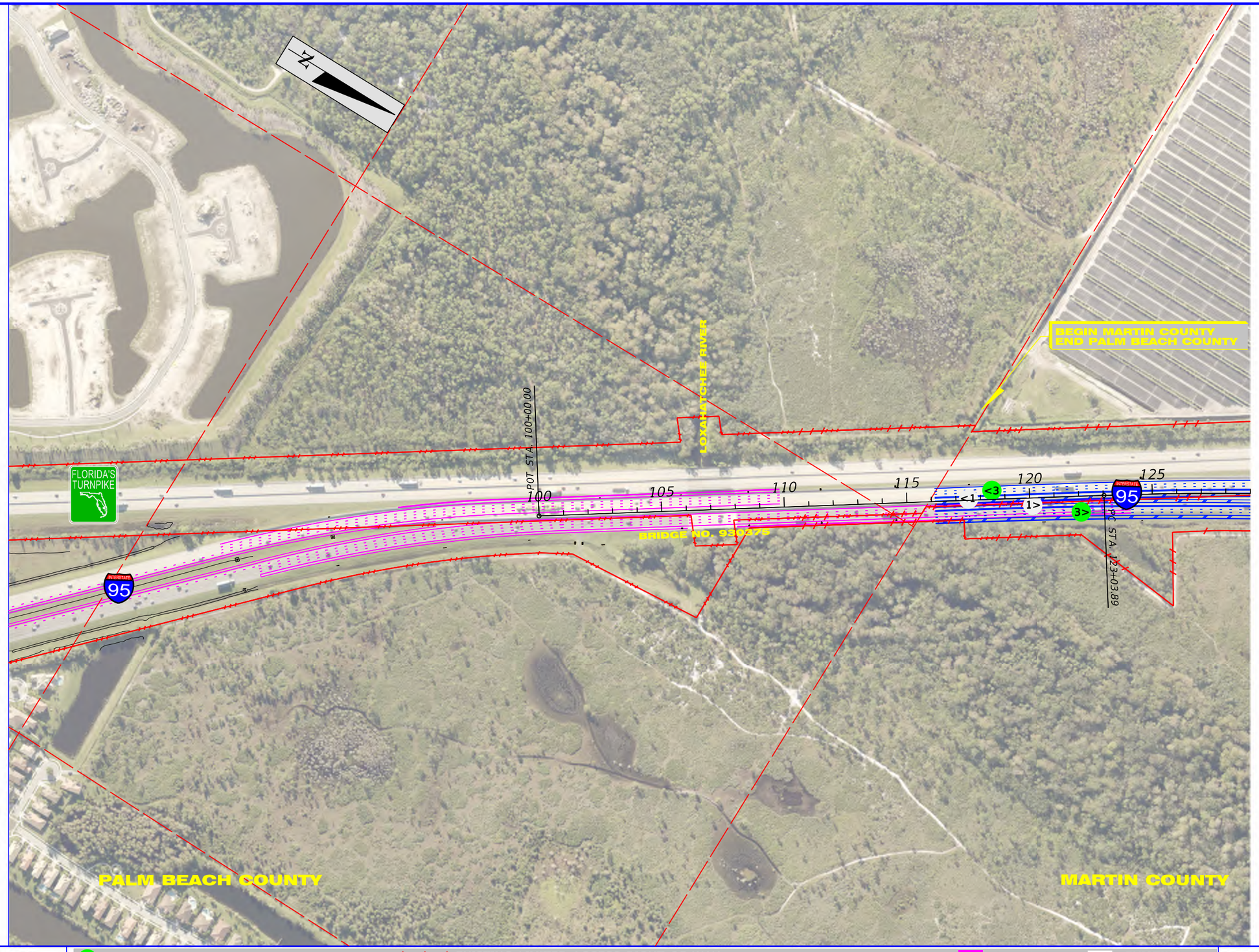
LEGEND
- SUBSTANDARD
- DITCH BOTTOM INLET

NORTHBOUND

	DESIGN/POSTED SPEED (mi/hr)	70/60-70
VERTICAL ALIGNMENT	GRADE (%)	
	LENGTH OF CURVE (ft)	
	K VALUE	
	STOPPING SIGHT DISTANCE (ft)	
HORIZONTAL ALIGNMENT	RADIUS (ft) ALONG ℄	
	SUPERELEVATION	
CROSS SECTION	NUMBER OF LANES/LANE WIDTH (ft)	3/12
	INSIDE SHOULDER WIDTH (ft)	12
	OUTSIDE SHOULDER WIDTH (ft)	12
INTER-CHANGE CROSS ROAD	RAMP TERMINAL	
	VERTICAL CLEARANCE (ft)	
	HORIZONTAL CLEARANCE (ft)	

Appendix B

Concept I-95 Plans



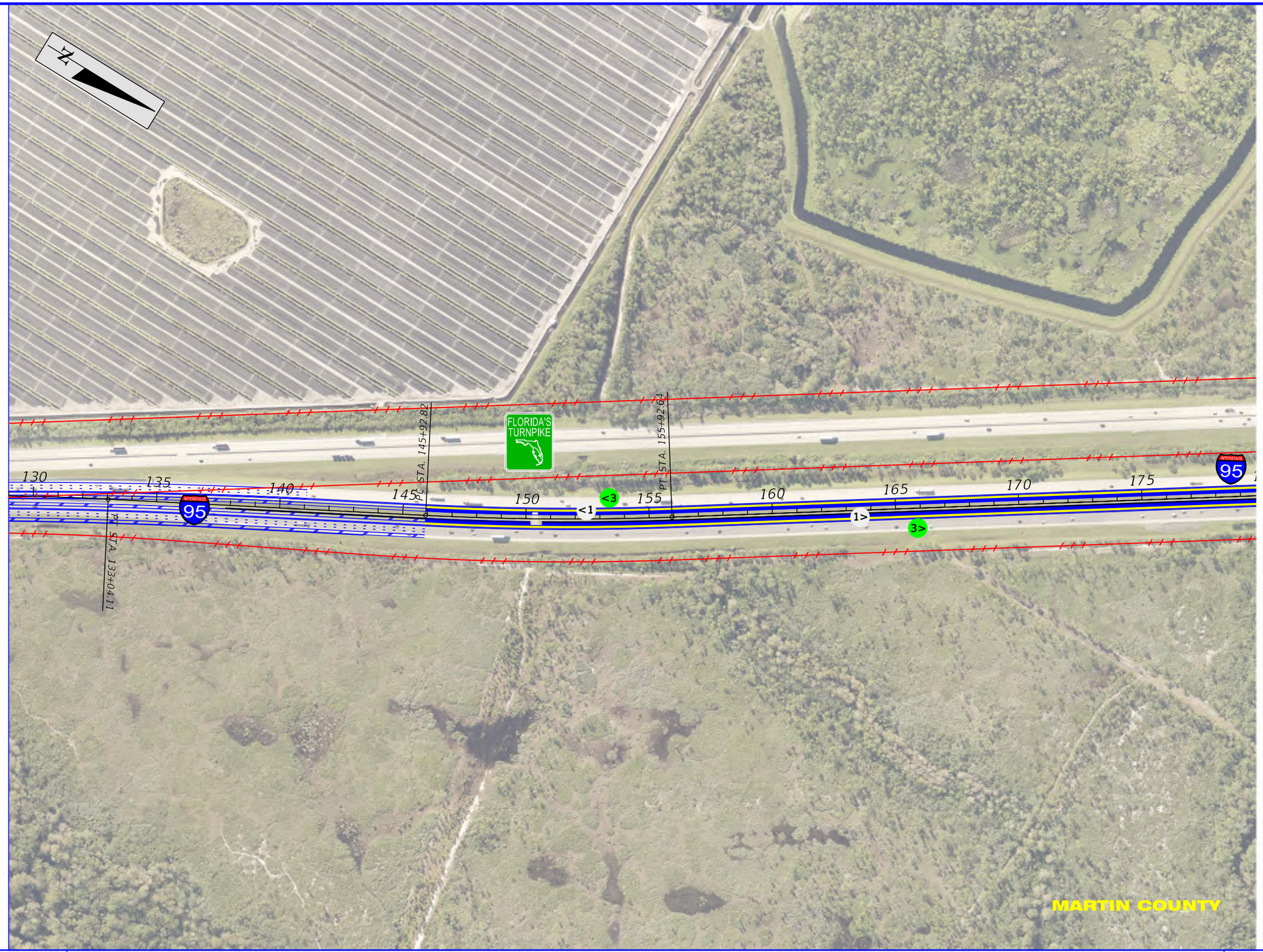
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Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL	EXISTING LIMITED-ACCESS RIGHT OF WAY	PROP. I-95 ML LANE	PLANNED SIGNALIZED INTERSECTION
1> LANE ADDITION AND DIRECTION OF TRAVEL	EXISTING RIGHT OF WAY	PROP. I-95 ML SHOULDER	EXISTING SIGNALIZED INTERSECTION
1 FINAL NUMBER OF RAMP LANES	REQUIRED R/W	PROP. MASTER PLAN IMPROV.	PROPOSED SIGNALIZATION IMPROVEMENTS
X LANE TO BE REMOVED	PROP. BRIDGE REPLACEMENT	PLANNED IMPROVEMENTS (BY OTHERS)	
	PROP. BRIDGE WIDENING		

SHEET NO. 1

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Feet

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

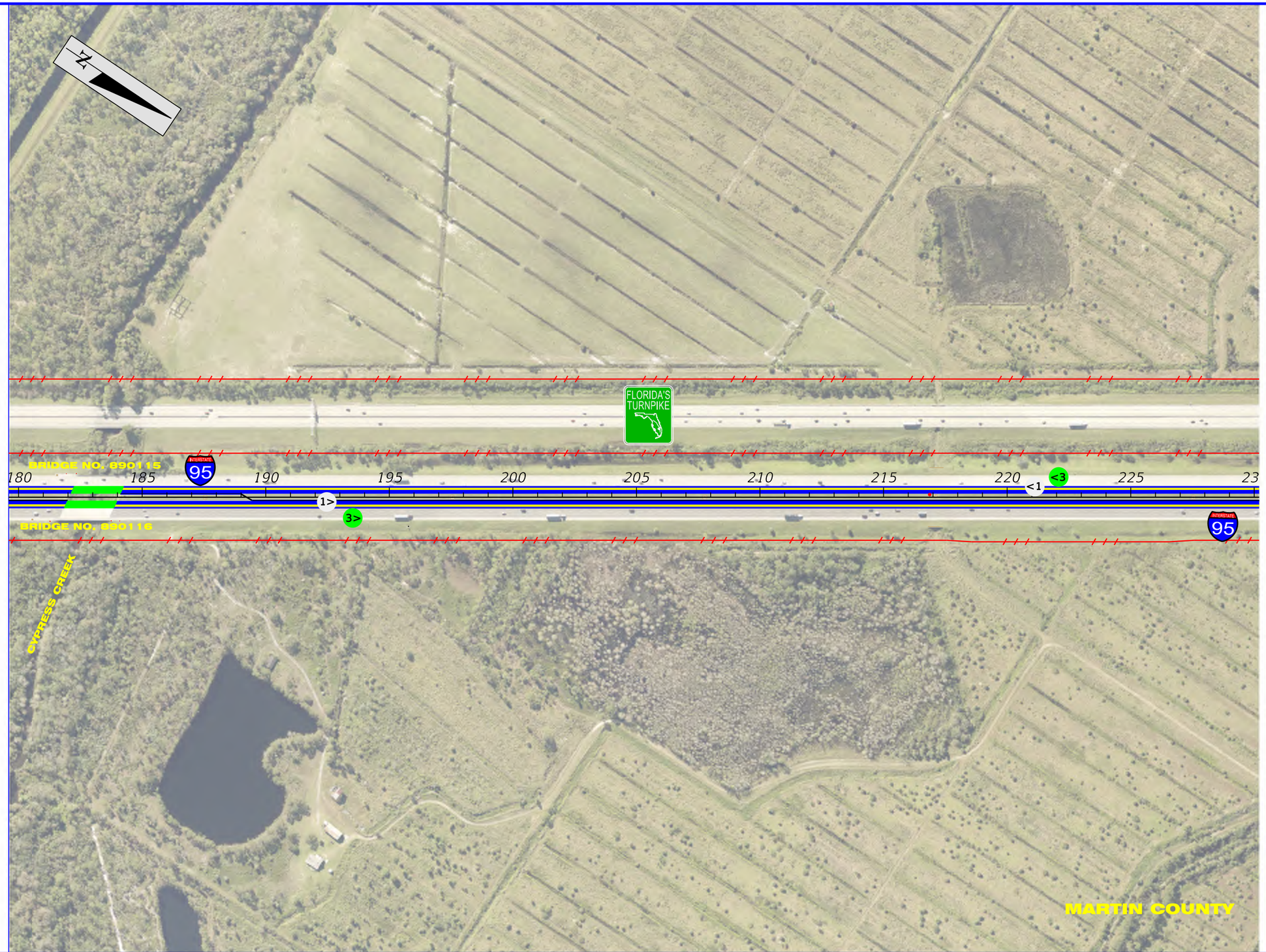
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

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2

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Multimodal Master Plan TREASURE COAST

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1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

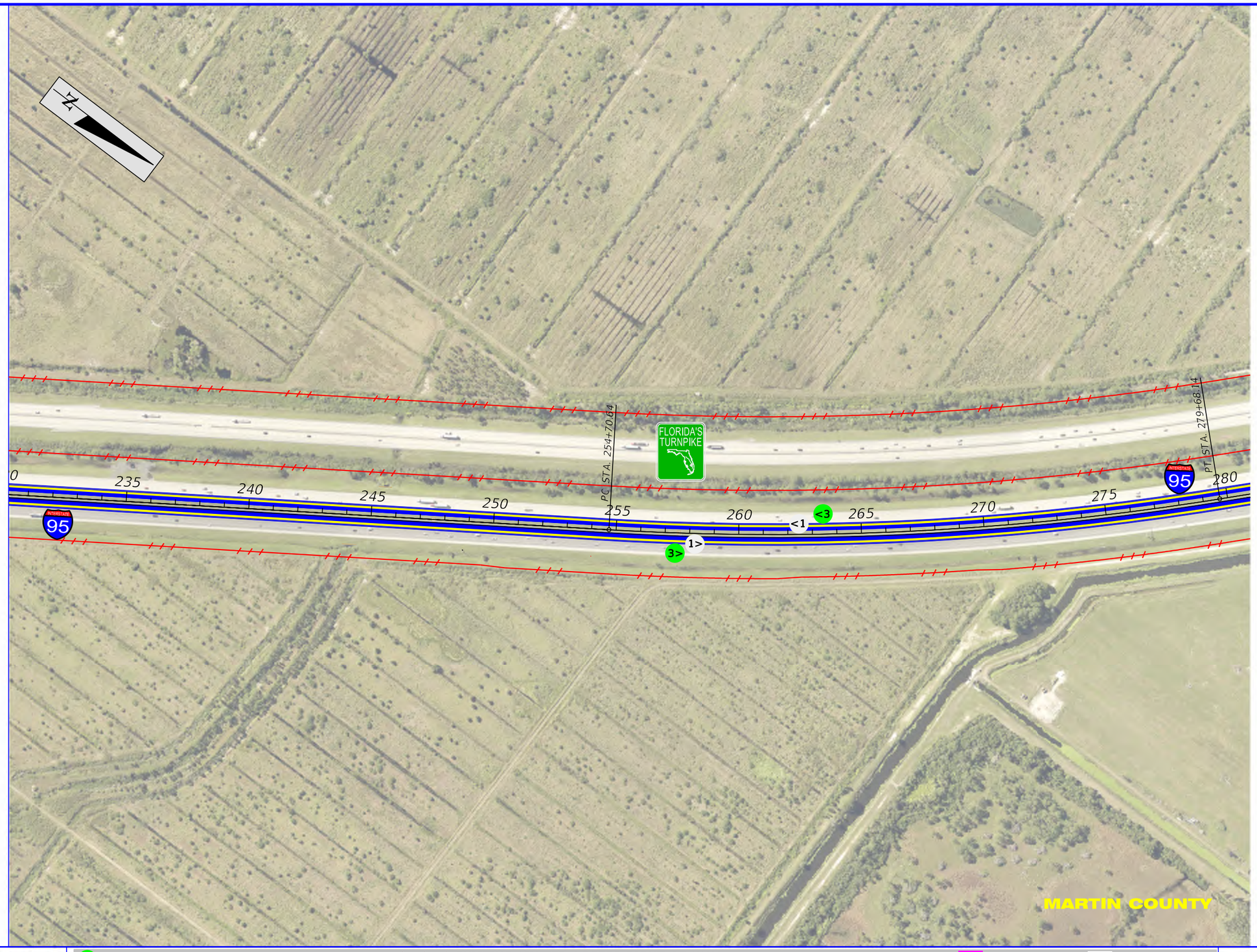
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

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3

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Multimodal Master Plan TREASURE COAST

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1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

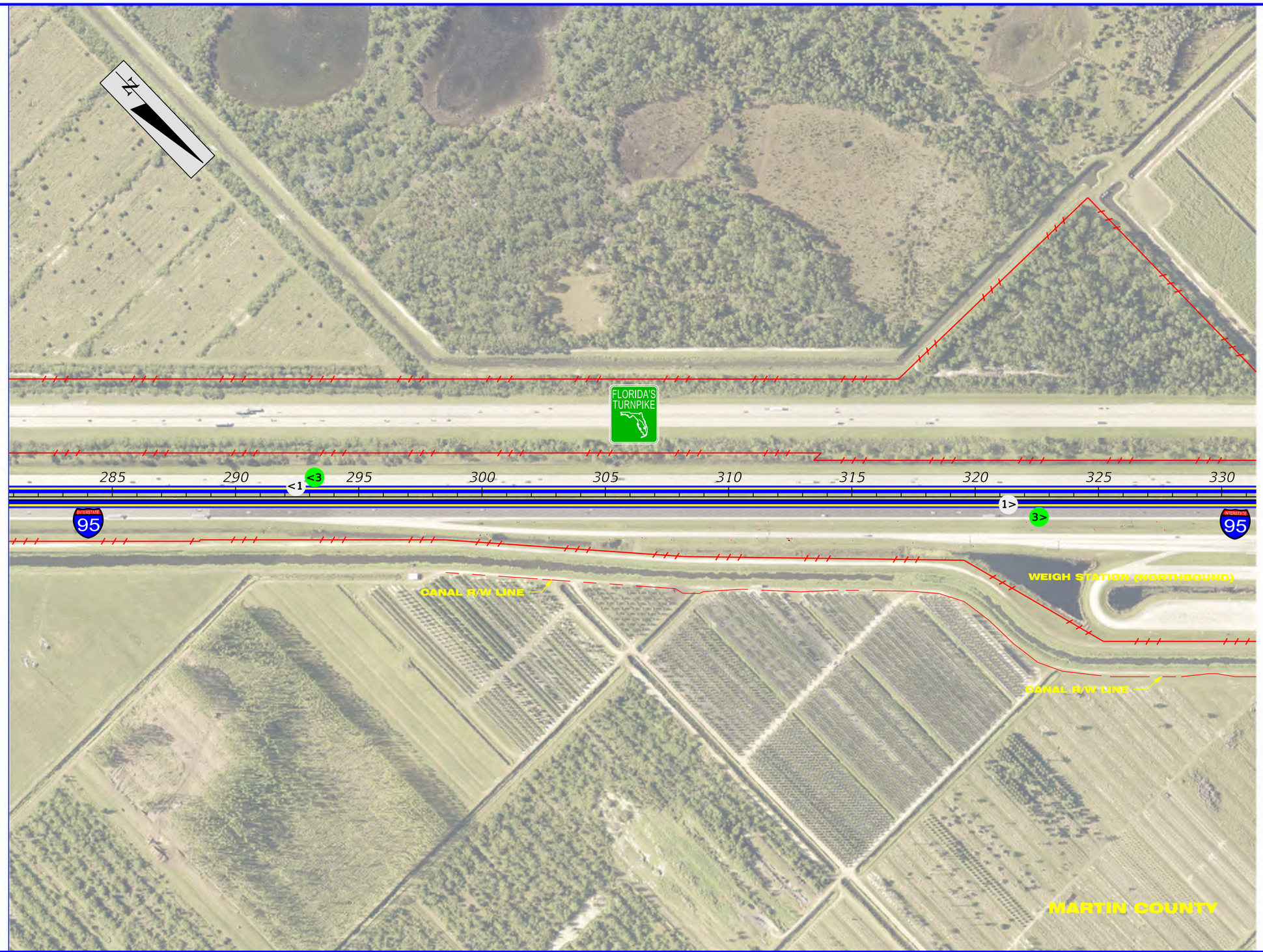
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

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4

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Feet

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Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
EXISTING SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

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95 Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

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Multimodal Master Plan TREASURE COAST

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1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

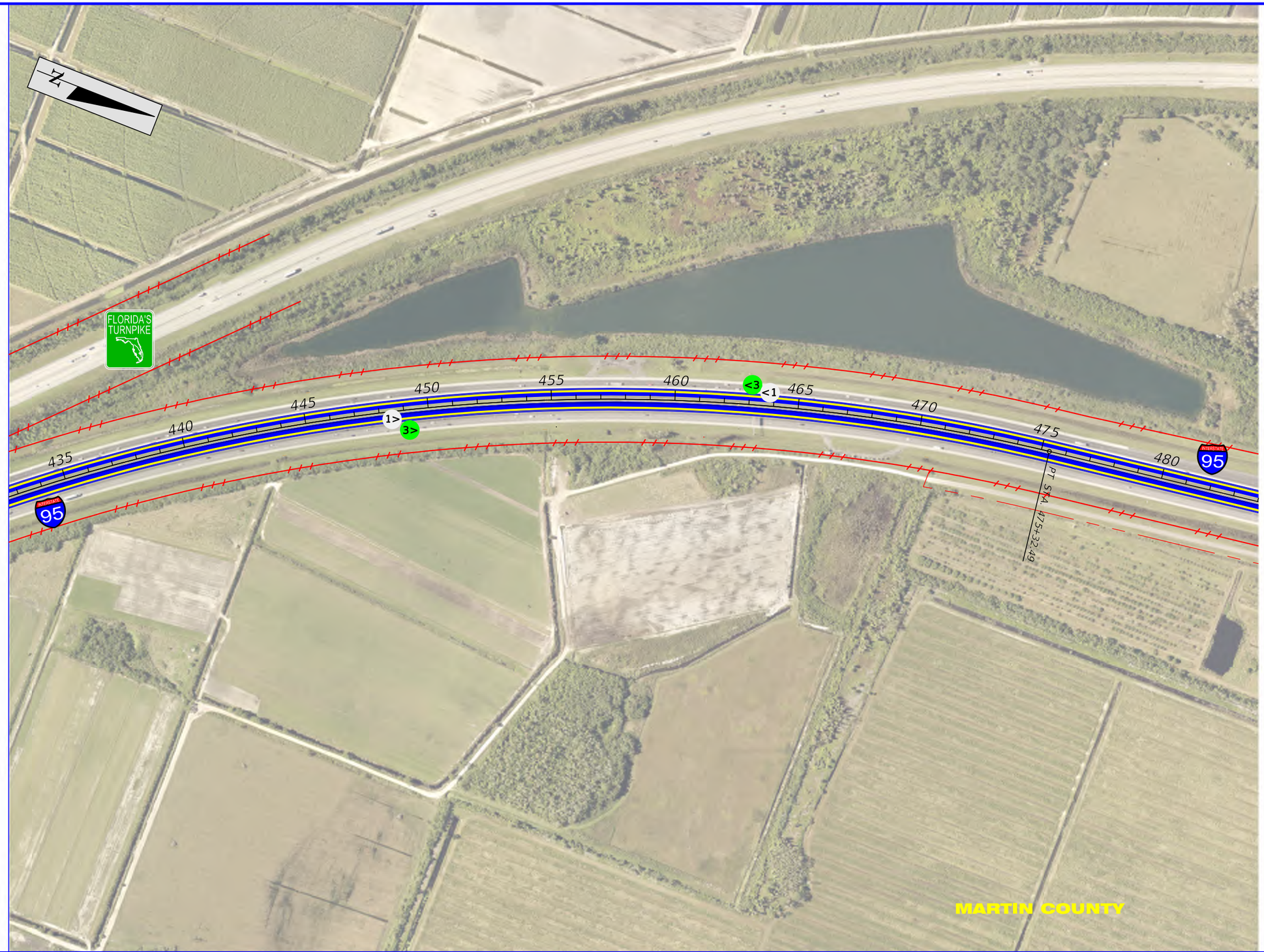
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

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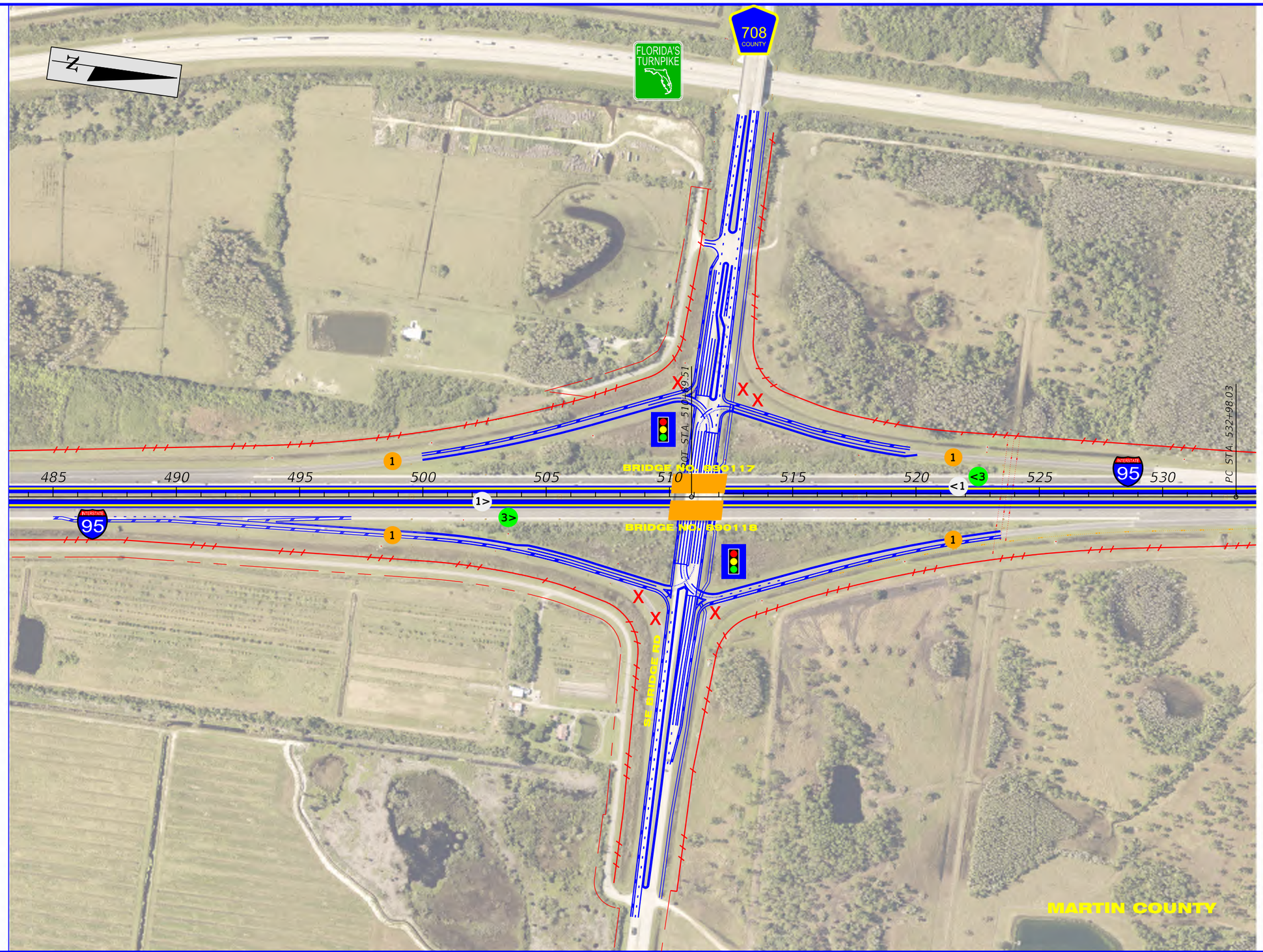
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Multimodal Master Plan TREASURE COAST

- 3> EXISTING LANES AND DIRECTION OF TRAVEL
- 1> LANE ADDITION AND DIRECTION OF TRAVEL
- 1 FINAL NUMBER OF RAMP LANES
- X LANE TO BE REMOVED
- EXISTING LIMITED-ACCESS RIGHT OF WAY
- EXISTING RIGHT OF WAY
- REQUIRED R/W
- PROP. BRIDGE REPLACEMENT
- PROP. BRIDGE WIDENING
- PROP. I-95 ML LANE
- PROP. I-95 ML SHOULDER
- PROP. MASTER PLAN IMPROV.
- PLANNED IMPROVEMENTS (BY OTHERS)
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS
- EXISTING SIGNALIZED INTERSECTION

SHEET NO.
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Feet

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
EXISTING SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

SHEET NO.
9

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3> EXISTING LANES AND DIRECTION OF TRAVEL	EXISTING LIMITED-ACCESS RIGHT OF WAY	PROP. I-95 ML LANE
1> LANE ADDITION AND DIRECTION OF TRAVEL	EXISTING RIGHT OF WAY	PROP. I-95 ML SHOULDER
1 FINAL NUMBER OF RAMP LANES	REQUIRED R/W	PROP. MASTER PLAN IMPROV.
X LANE TO BE REMOVED	PROP. BRIDGE REPLACEMENT	PLANNED IMPROVEMENTS (BY OTHERS)
	PROP. BRIDGE WIDENING	PLANNED SIGNALIZED INTERSECTION / EXISTING SIGNALIZED INTERSECTION
		PROPOSED SIGNALIZATION IMPROVEMENTS

SHEET NO. 10

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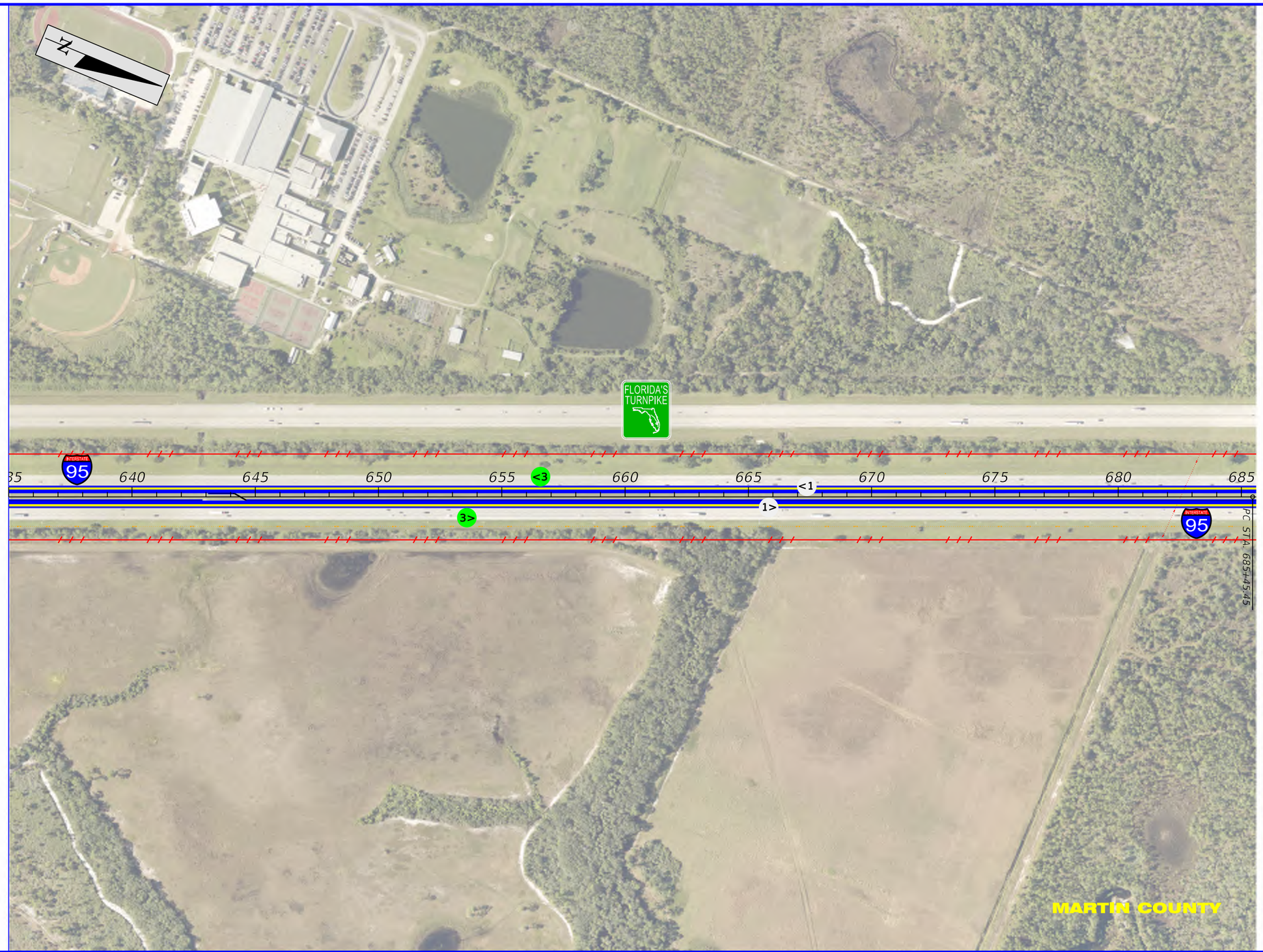
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Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL	EXISTING LIMITED-ACCESS RIGHT OF WAY	PROP. I-95 ML LANE	PLANNED SIGNALIZED INTERSECTION	EXISTING SIGNALIZED INTERSECTION	SHEET NO.
1> LANE ADDITION AND DIRECTION OF TRAVEL	EXISTING RIGHT OF WAY	PROP. I-95 ML SHOULDER			
1 FINAL NUMBER OF RAMP LANES	REQUIRED R/W	PROP. MASTER PLAN IMPROV.	PROPOSED SIGNALIZATION IMPROVEMENTS		11
X LANE TO BE REMOVED	PROP. BRIDGE REPLACEMENT	PLANNED IMPROVEMENTS (BY OTHERS)			
	PROP. BRIDGE WIDENING				

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Feet

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
EXISTING SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

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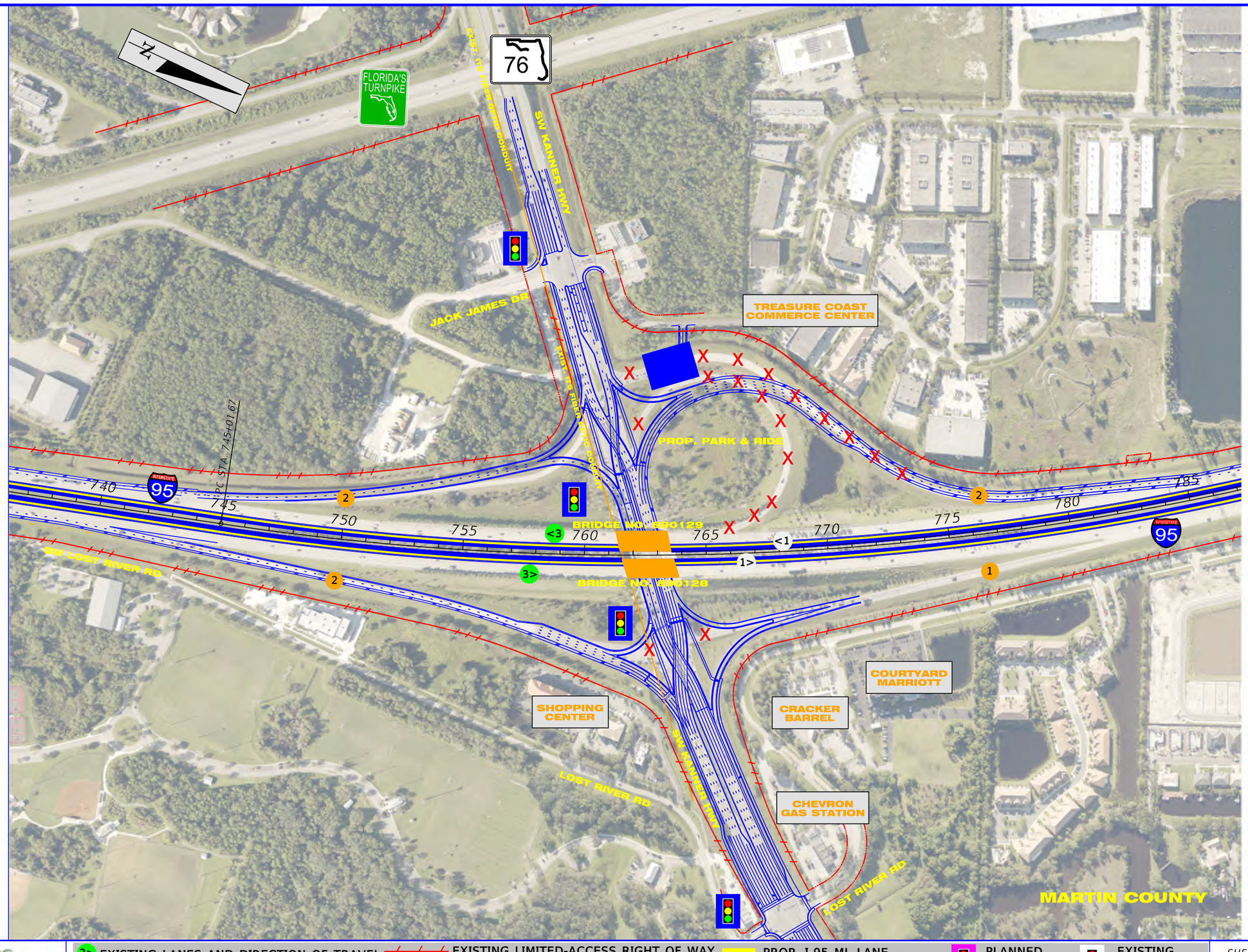
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Multimodal Master Plan TREASURE COAST

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1> LANE ADDITION AND DIRECTION OF TRAVEL	EXISTING RIGHT OF WAY	PROP. I-95 ML SHOULDER	EXISTING SIGNALIZED INTERSECTION
1 FINAL NUMBER OF RAMP LANES	REQUIRED R/W	PROP. MASTER PLAN IMPROV.	PROPOSED SIGNALIZATION IMPROVEMENTS
X LANE TO BE REMOVED	PROP. BRIDGE REPLACEMENT	PLANNED IMPROVEMENTS (BY OTHERS)	
	PROP. BRIDGE WIDENING		

SHEET NO. 13

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Feet

FDOT

Multimodal Master Plan 95 TREASURE COAST

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1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

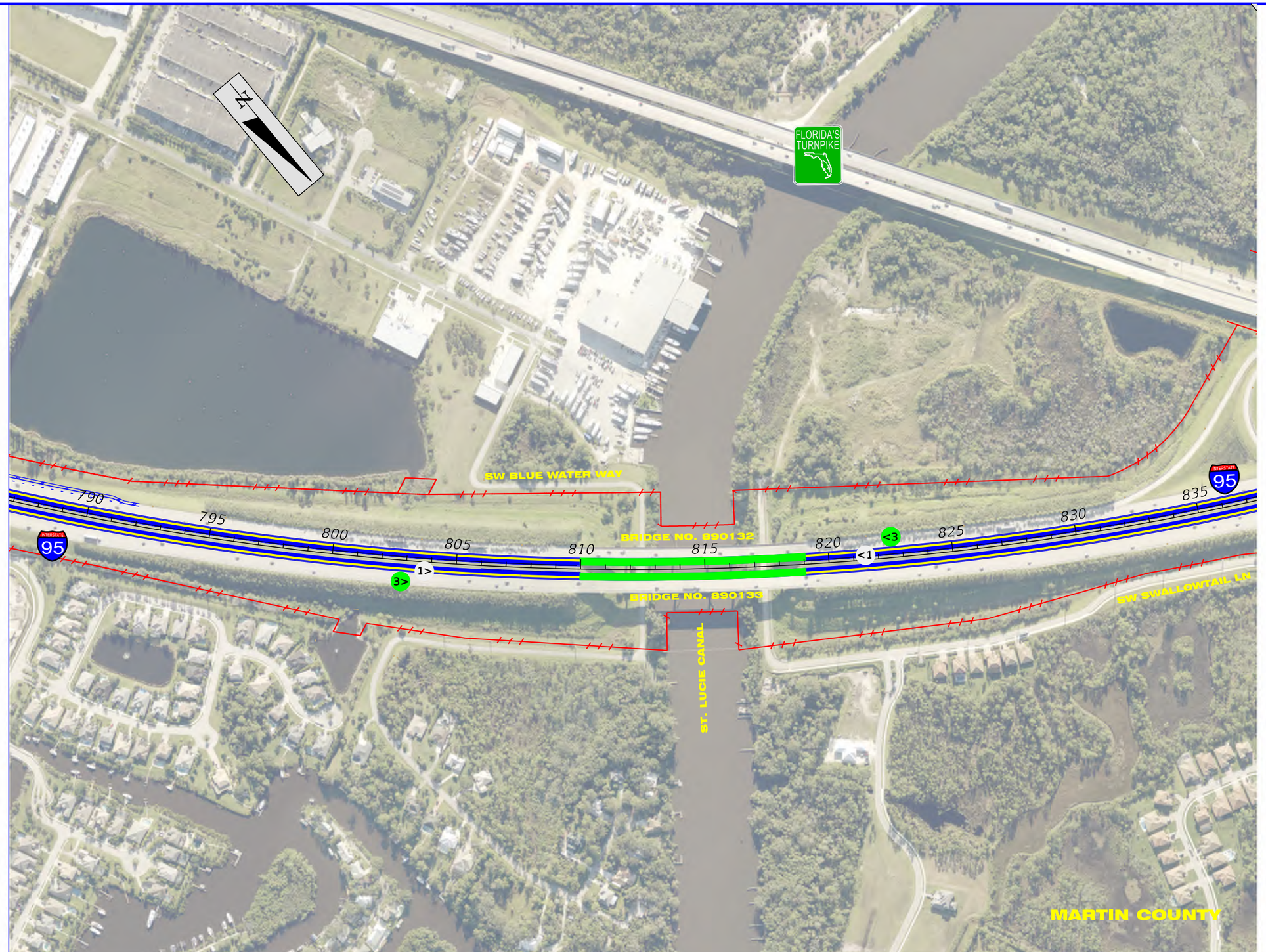
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EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
14

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Feet

FDOT

I-95 Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

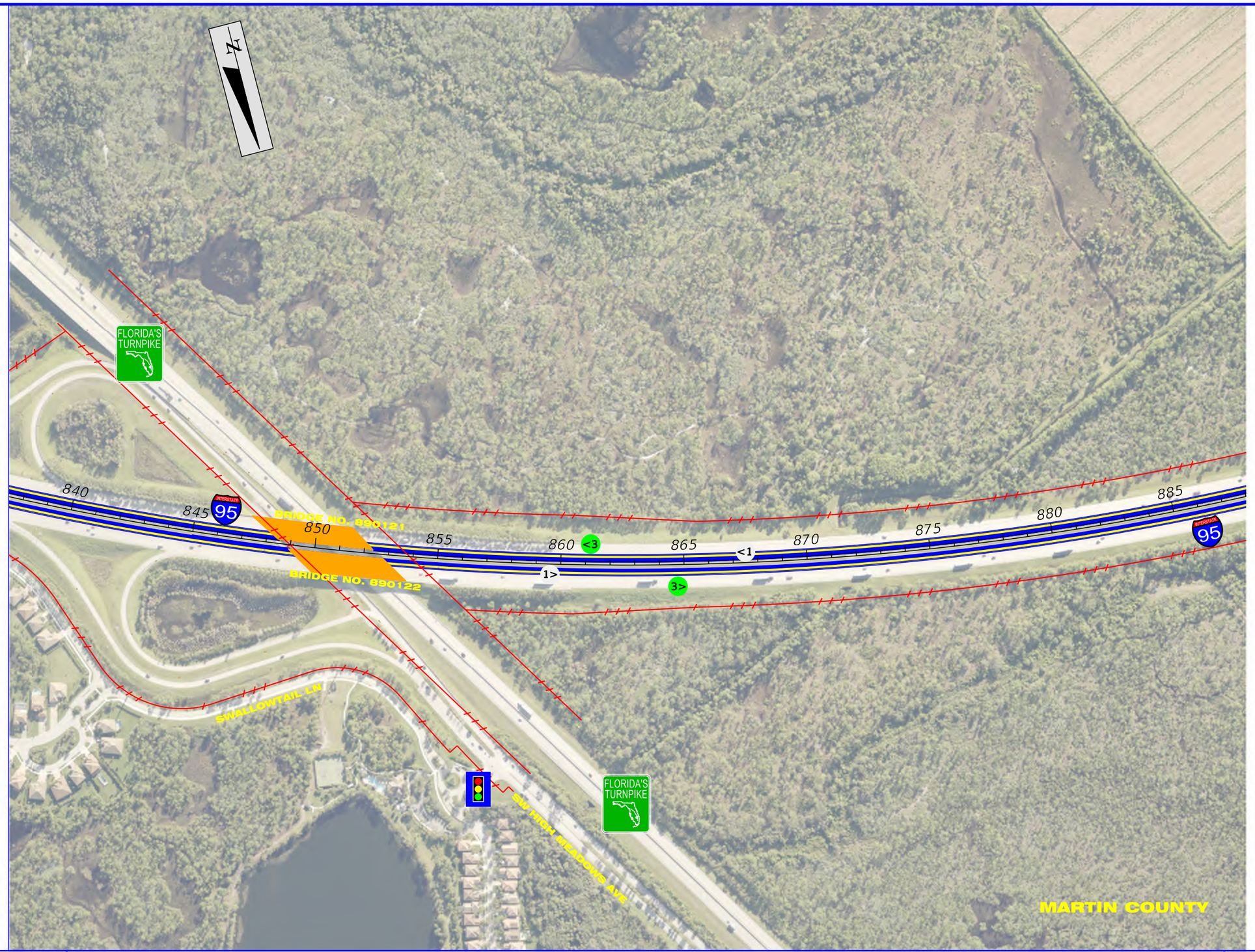
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EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
EXISTING SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

SHEET NO.
15

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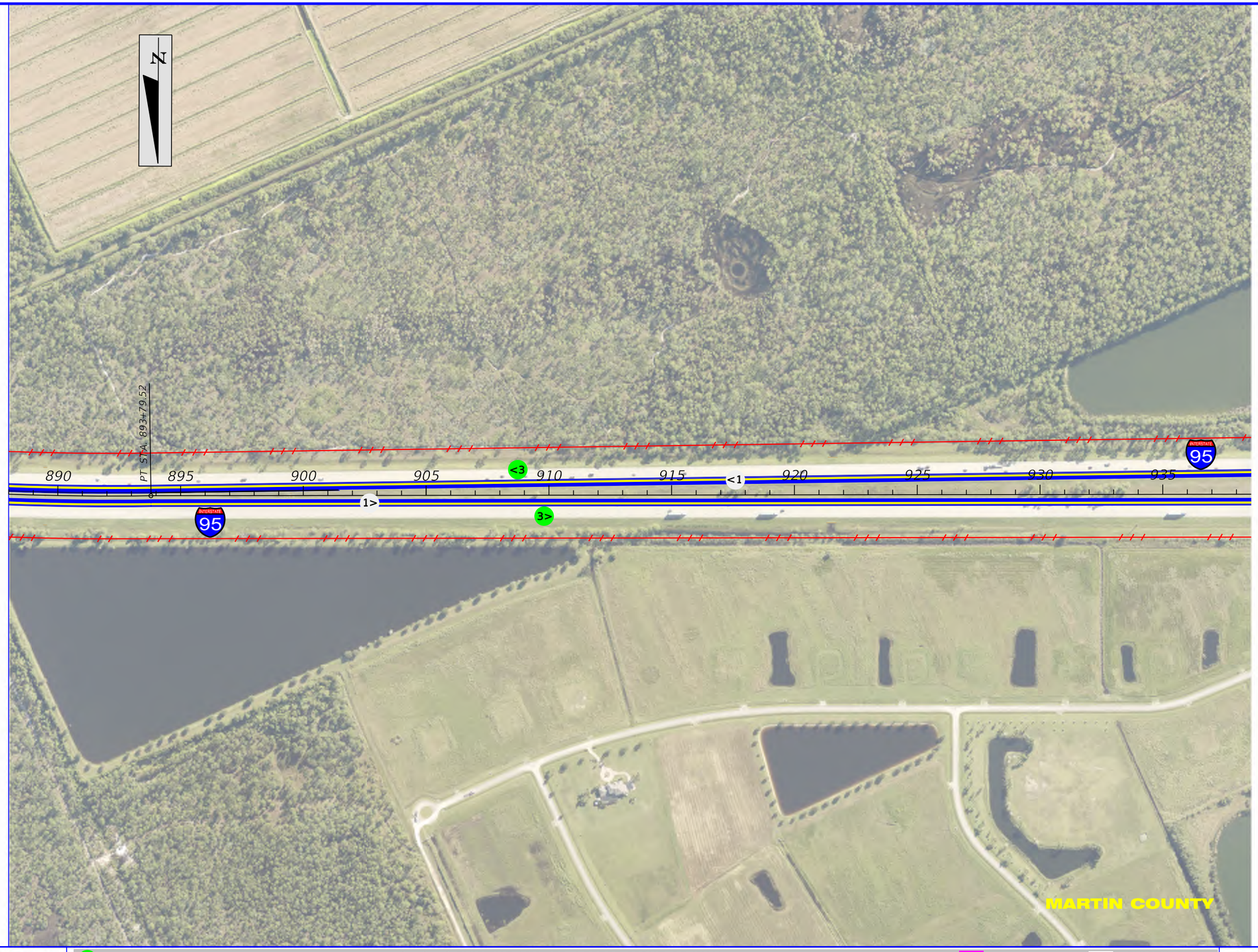
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Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL	EXISTING LIMITED-ACCESS RIGHT OF WAY	PROP. I-95 ML LANE	PLANNED SIGNALIZED INTERSECTION
1> LANE ADDITION AND DIRECTION OF TRAVEL	EXISTING RIGHT OF WAY	PROP. I-95 ML SHOULDER	EXISTING SIGNALIZED INTERSECTION
1 FINAL NUMBER OF RAMP LANES	REQUIRED R/W	PROP. MASTER PLAN IMPROV.	PROPOSED SIGNALIZATION IMPROVEMENTS
X LANE TO BE REMOVED	PROP. BRIDGE REPLACEMENT	PLANNED IMPROVEMENTS (BY OTHERS)	
	PROP. BRIDGE WIDENING		

SHEET NO.
16

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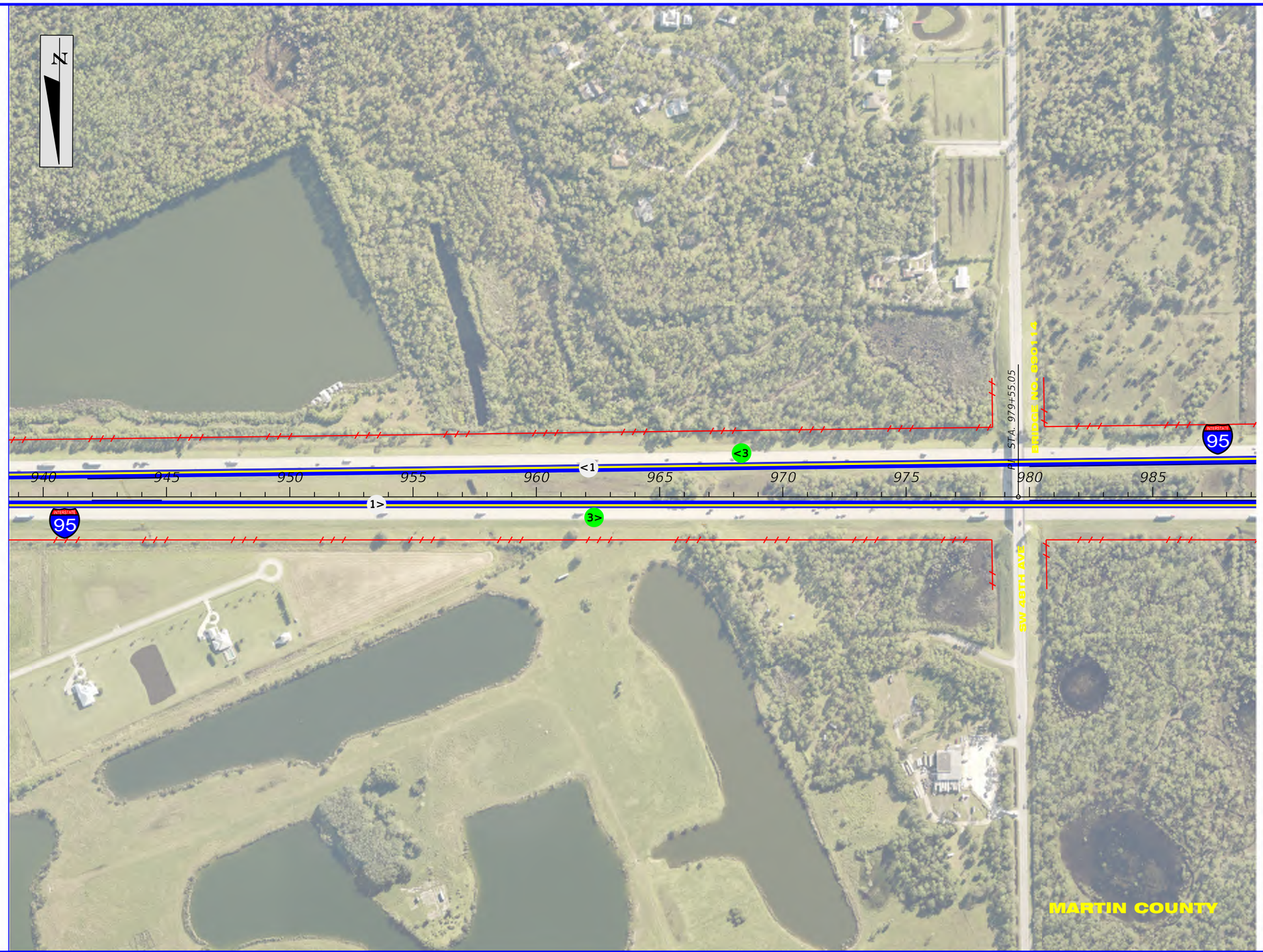
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Feet

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Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL	EXISTING LIMITED-ACCESS RIGHT OF WAY	PROP. I-95 ML LANE	PLANNED SIGNALIZED INTERSECTION	EXISTING SIGNALIZED INTERSECTION	SHEET NO.
1> LANE ADDITION AND DIRECTION OF TRAVEL	EXISTING RIGHT OF WAY	PROP. I-95 ML SHOULDER			
1 FINAL NUMBER OF RAMP LANES	REQUIRED R/W	PROP. MASTER PLAN IMPROV.	PROPOSED SIGNALIZATION IMPROVEMENTS		17
X LANE TO BE REMOVED	PROP. BRIDGE REPLACEMENT	PLANNED IMPROVEMENTS (BY OTHERS)			
	PROP. BRIDGE WIDENING				

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Feet

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

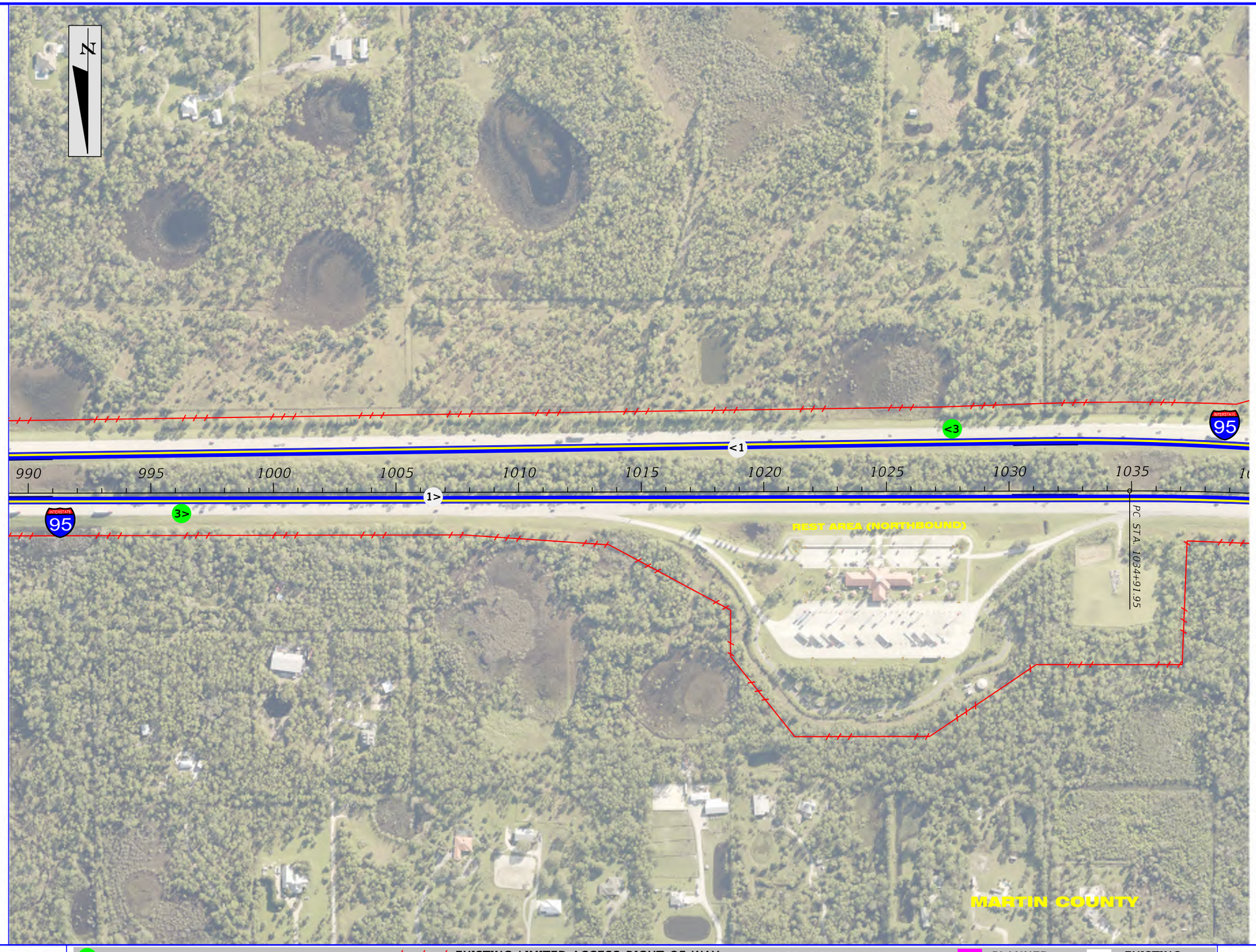
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
18

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Feet

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

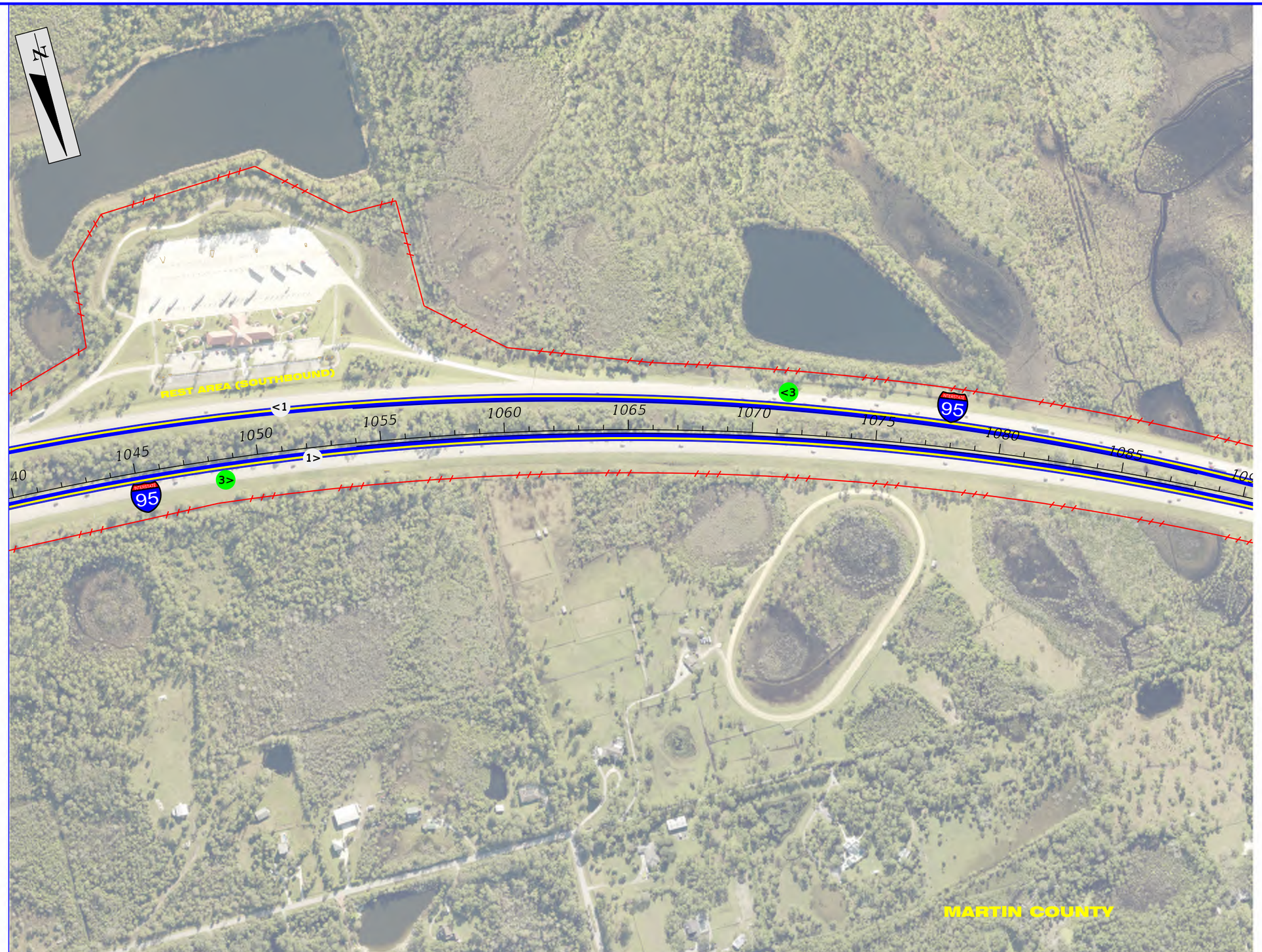
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
EXISTING SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

SHEET NO.
19

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Feet

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
20

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3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

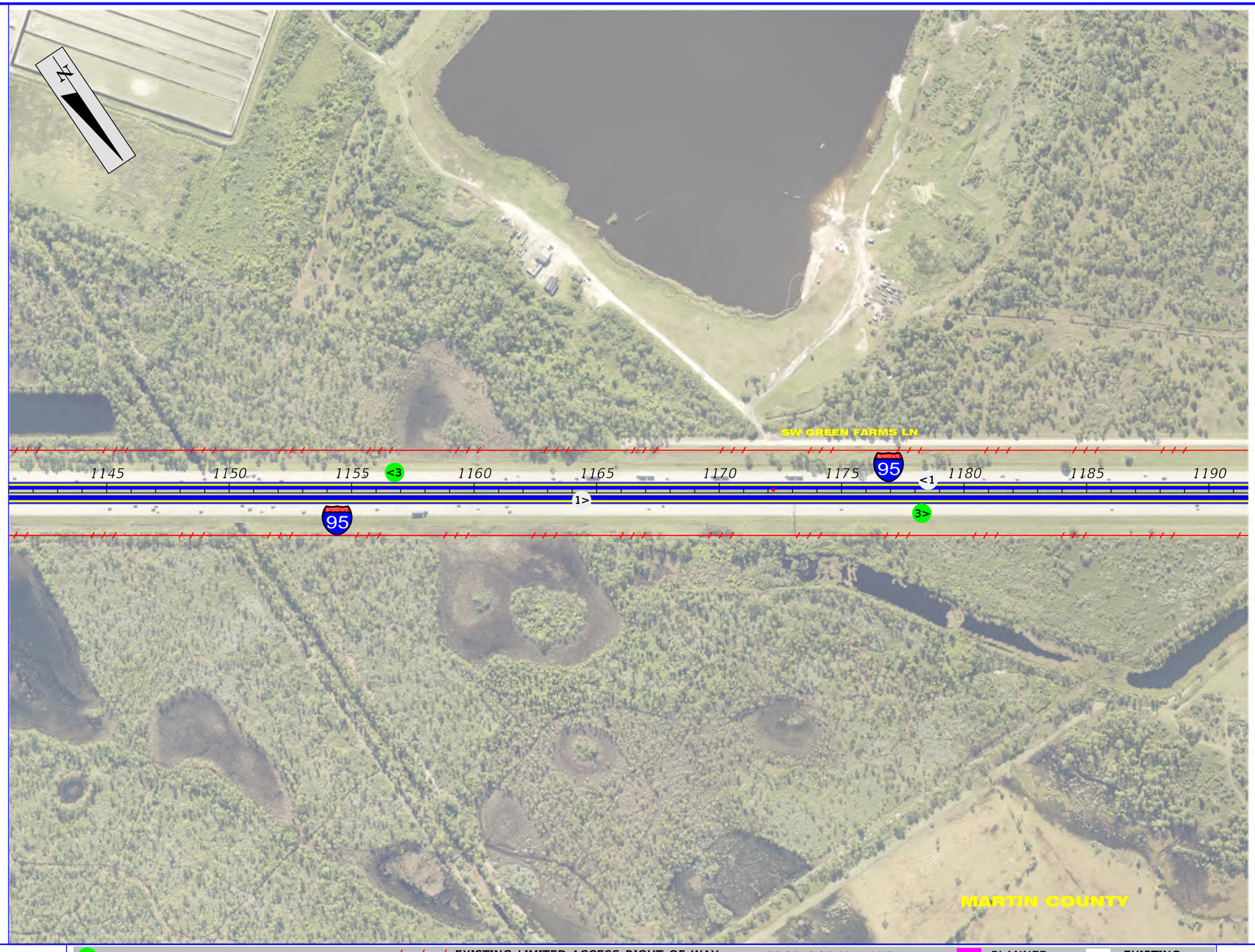
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
21

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Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

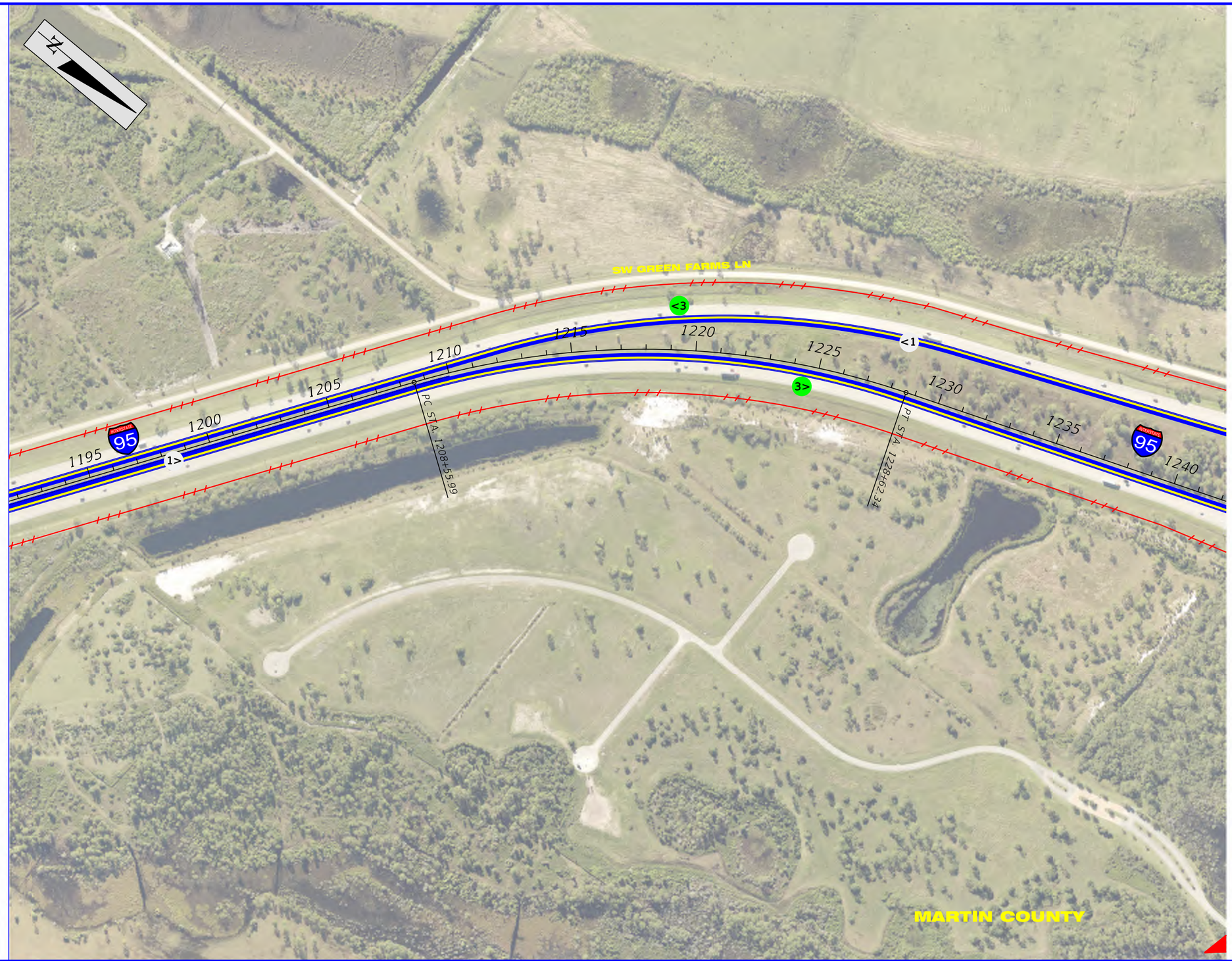
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
22

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Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

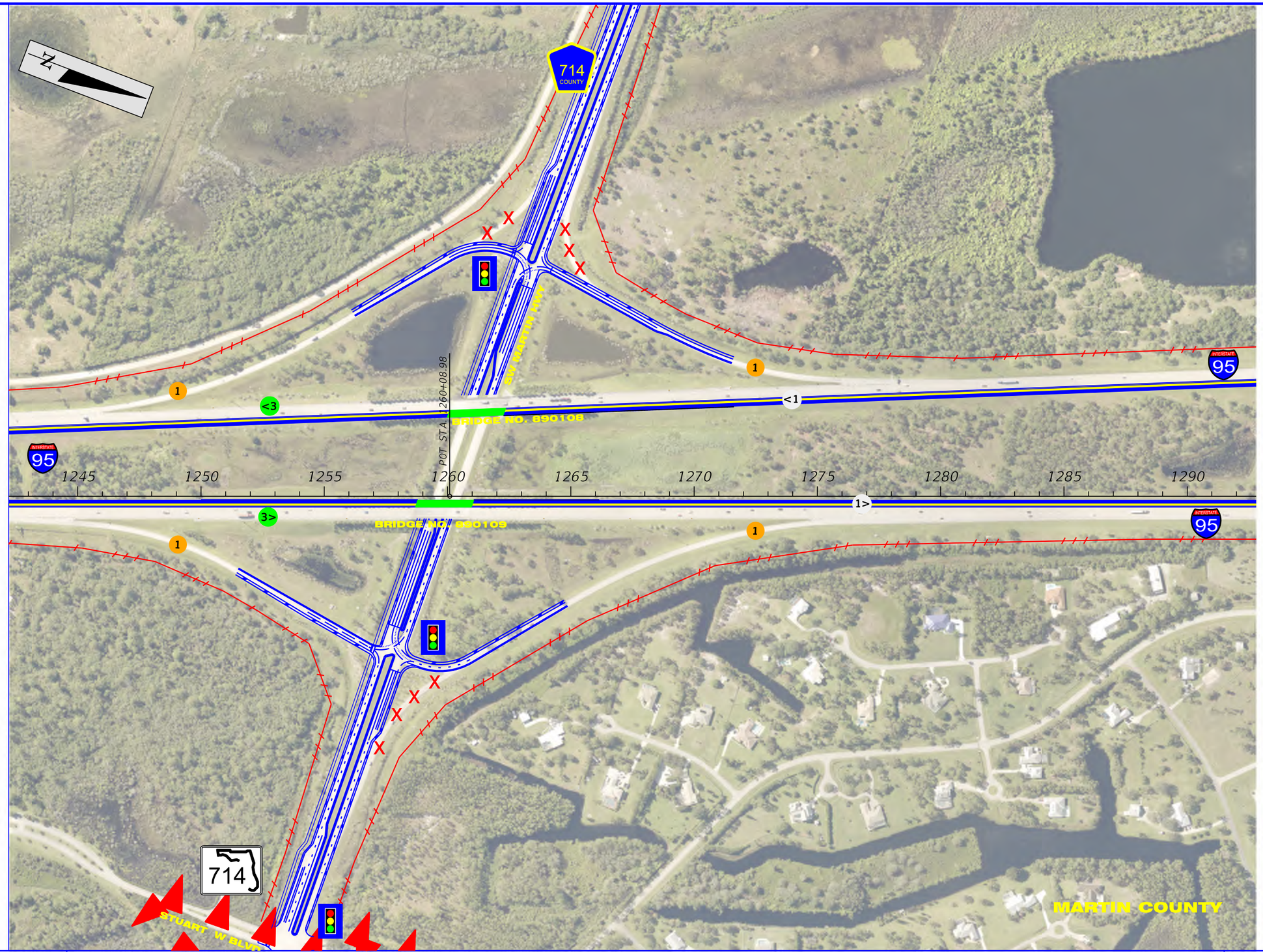
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EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
23

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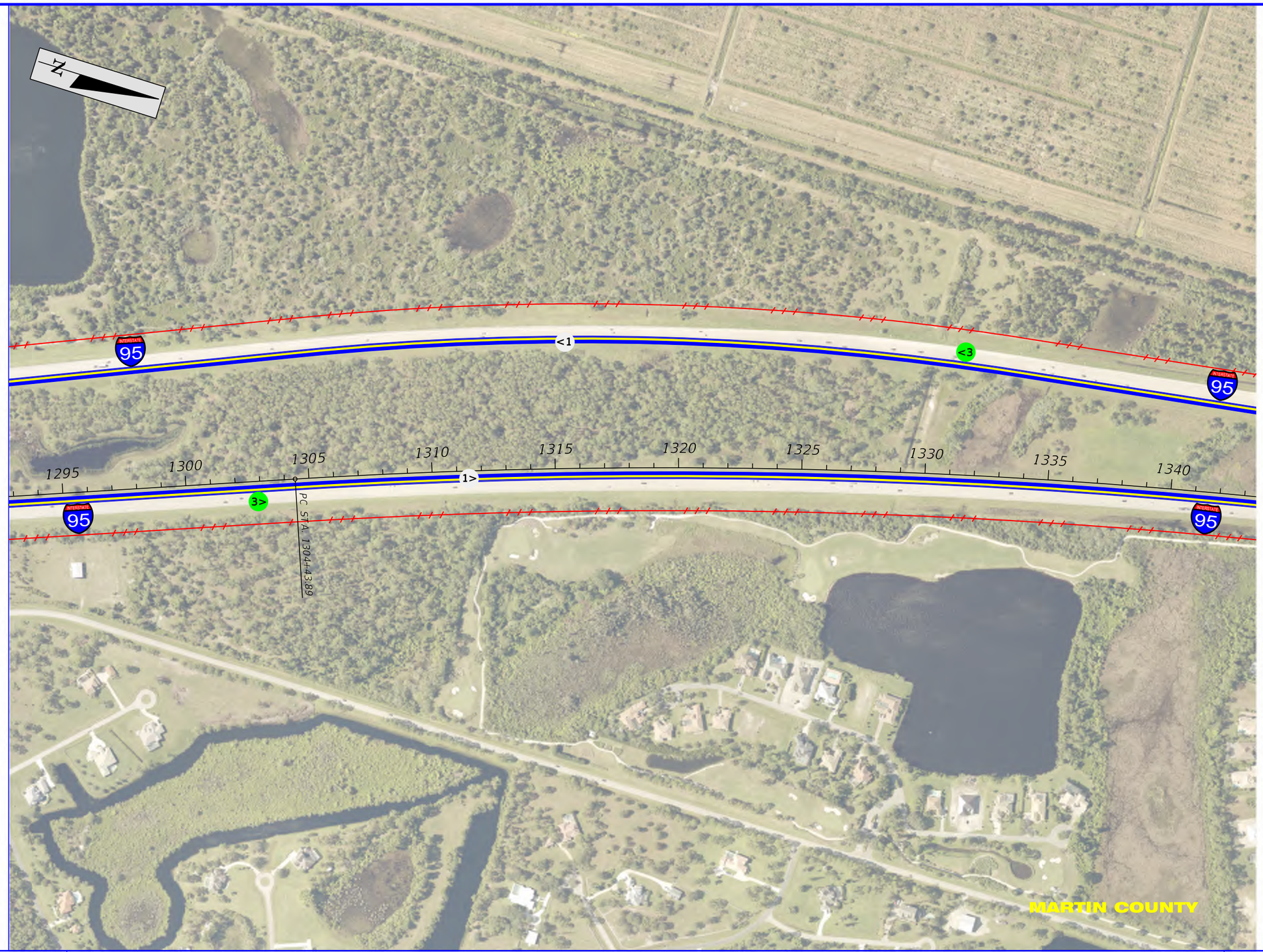


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Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL	EXISTING LIMITED-ACCESS RIGHT OF WAY	PROP. I-95 ML LANE	PLANNED SIGNALIZED INTERSECTION	EXISTING SIGNALIZED INTERSECTION	SHEET NO.
1> LANE ADDITION AND DIRECTION OF TRAVEL	EXISTING RIGHT OF WAY	PROP. I-95 ML SHOULDER			
1 FINAL NUMBER OF RAMP LANES	REQUIRED R/W	PROP. MASTER PLAN IMPROV.	PROPOSED SIGNALIZATION IMPROVEMENTS		24
X LANE TO BE REMOVED	PROP. BRIDGE REPLACEMENT	PLANNED IMPROVEMENTS (BY OTHERS)			
	PROP. BRIDGE WIDENING				

CGALLARD 2/22/2020 4:43:16 PM PW:\



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Feet

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Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

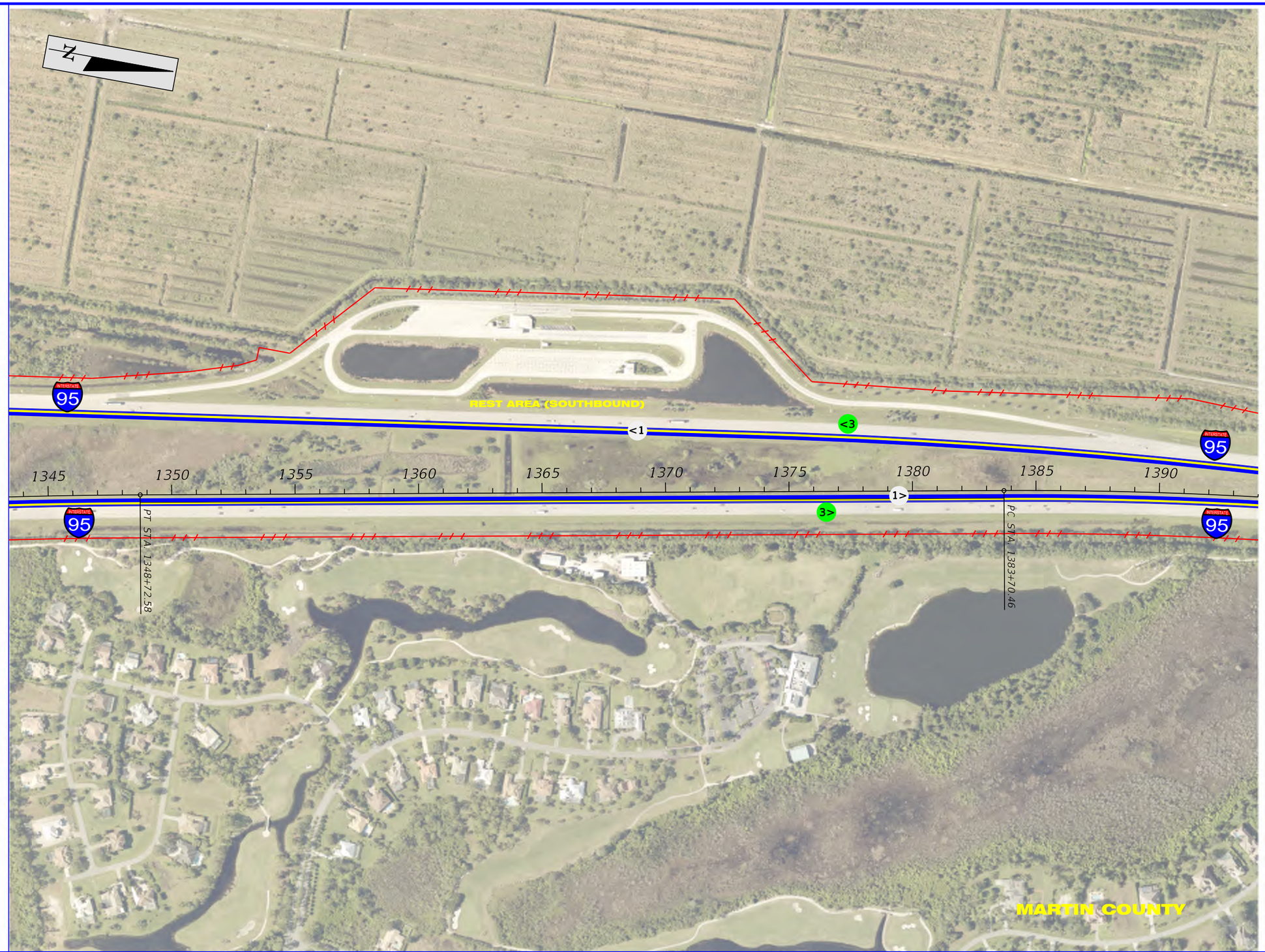
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
25

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3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

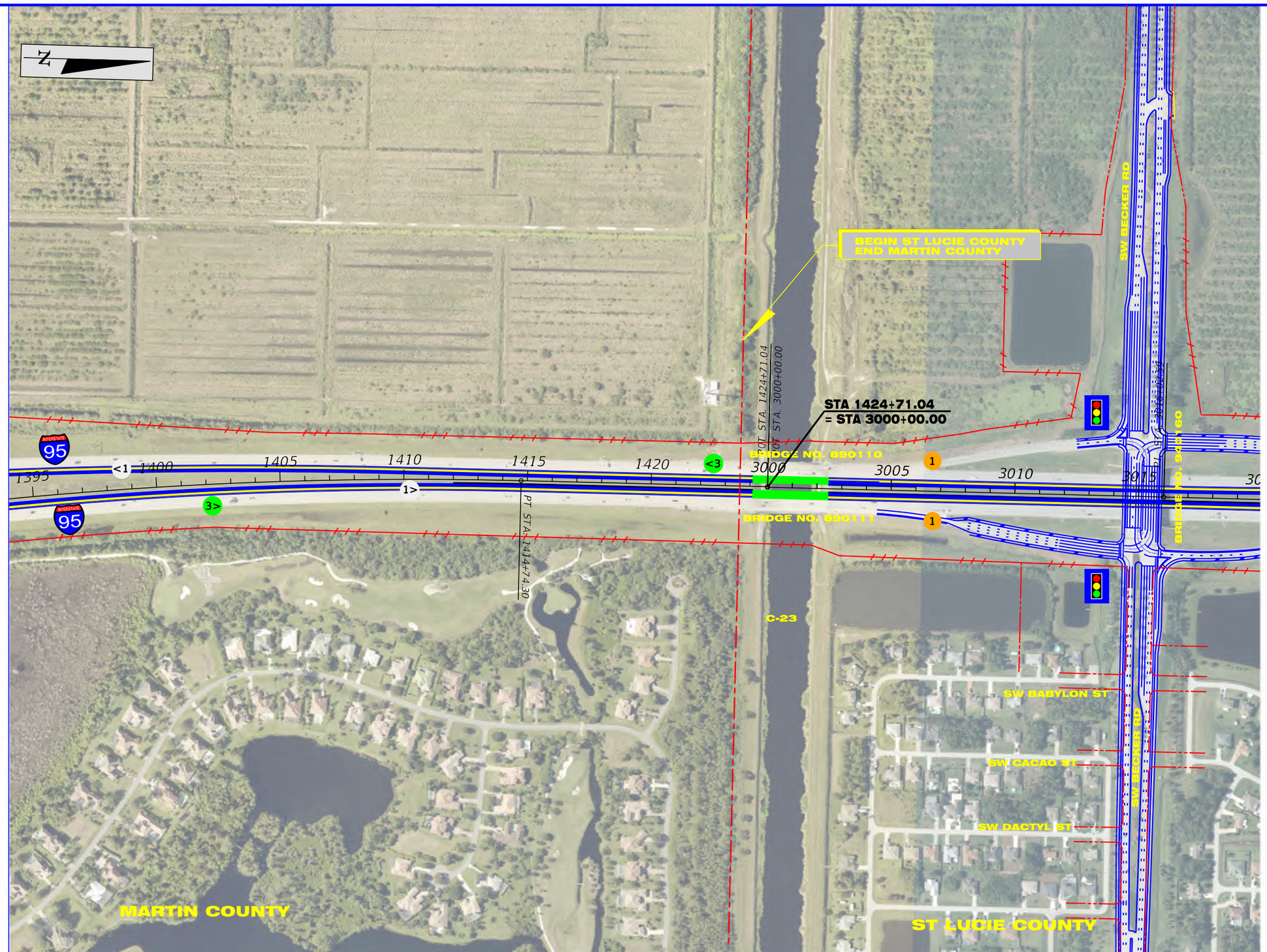
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
EXISTING SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

SHEET NO.
26

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3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

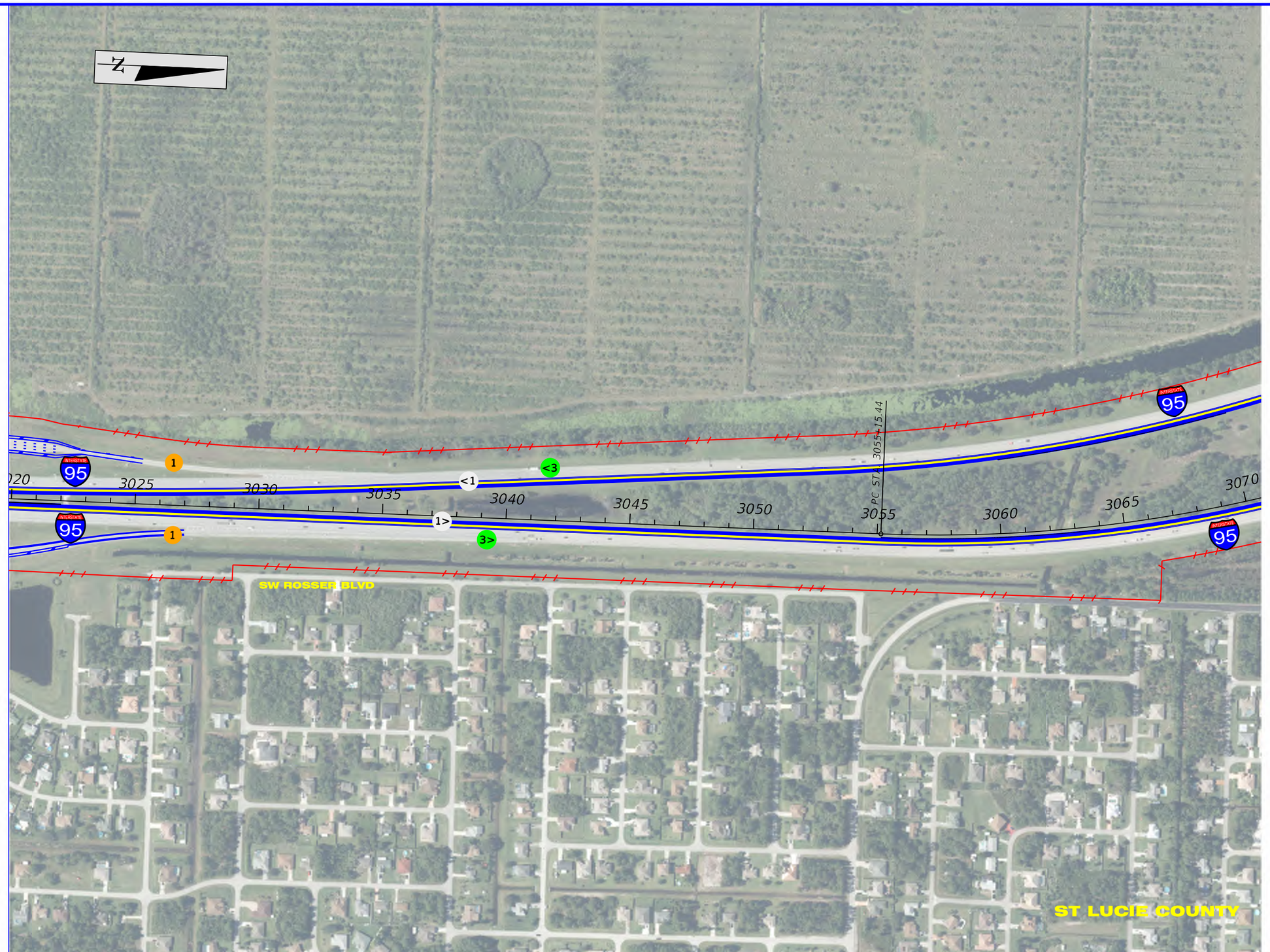
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
EXISTING SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

SHEET NO.
27

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Feet

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Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

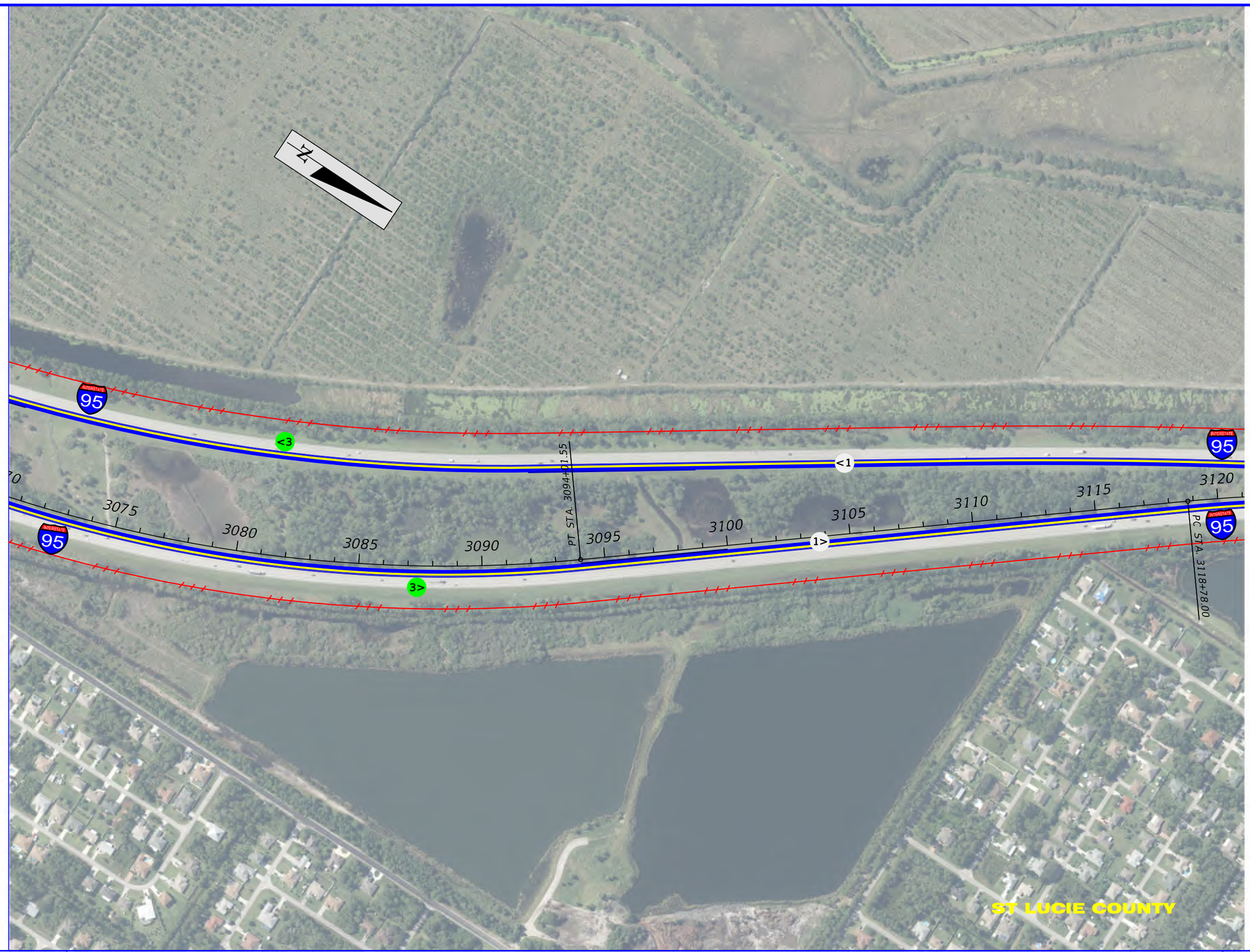
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
28

CGALLARD 2/22/2020 4:46:53 PM PW:\



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Feet

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Multimodal Master Plan TREASURE COAST

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1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

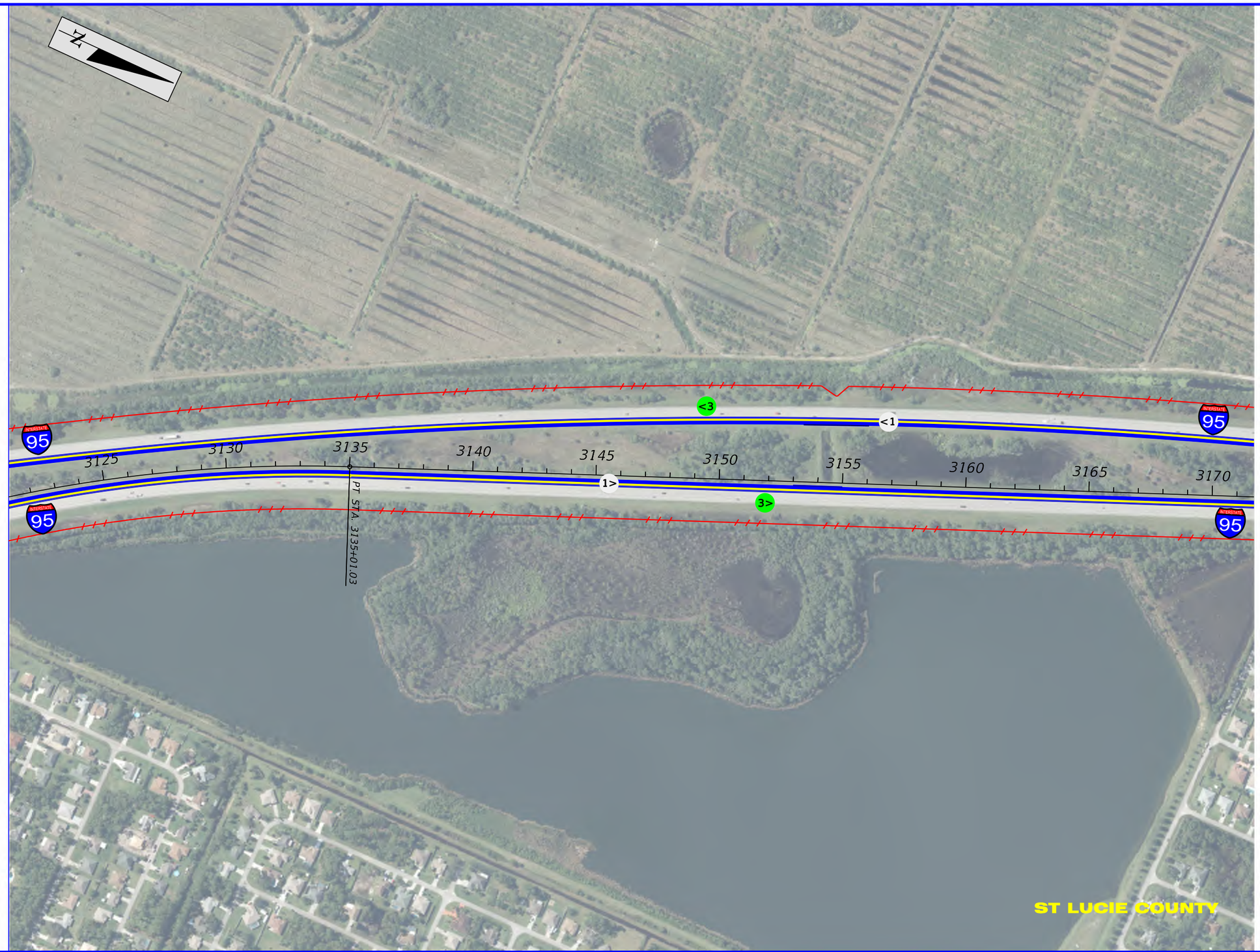
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
29

CGALLARD 2/22/2020 4:47:34 PM PW:\



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Feet

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

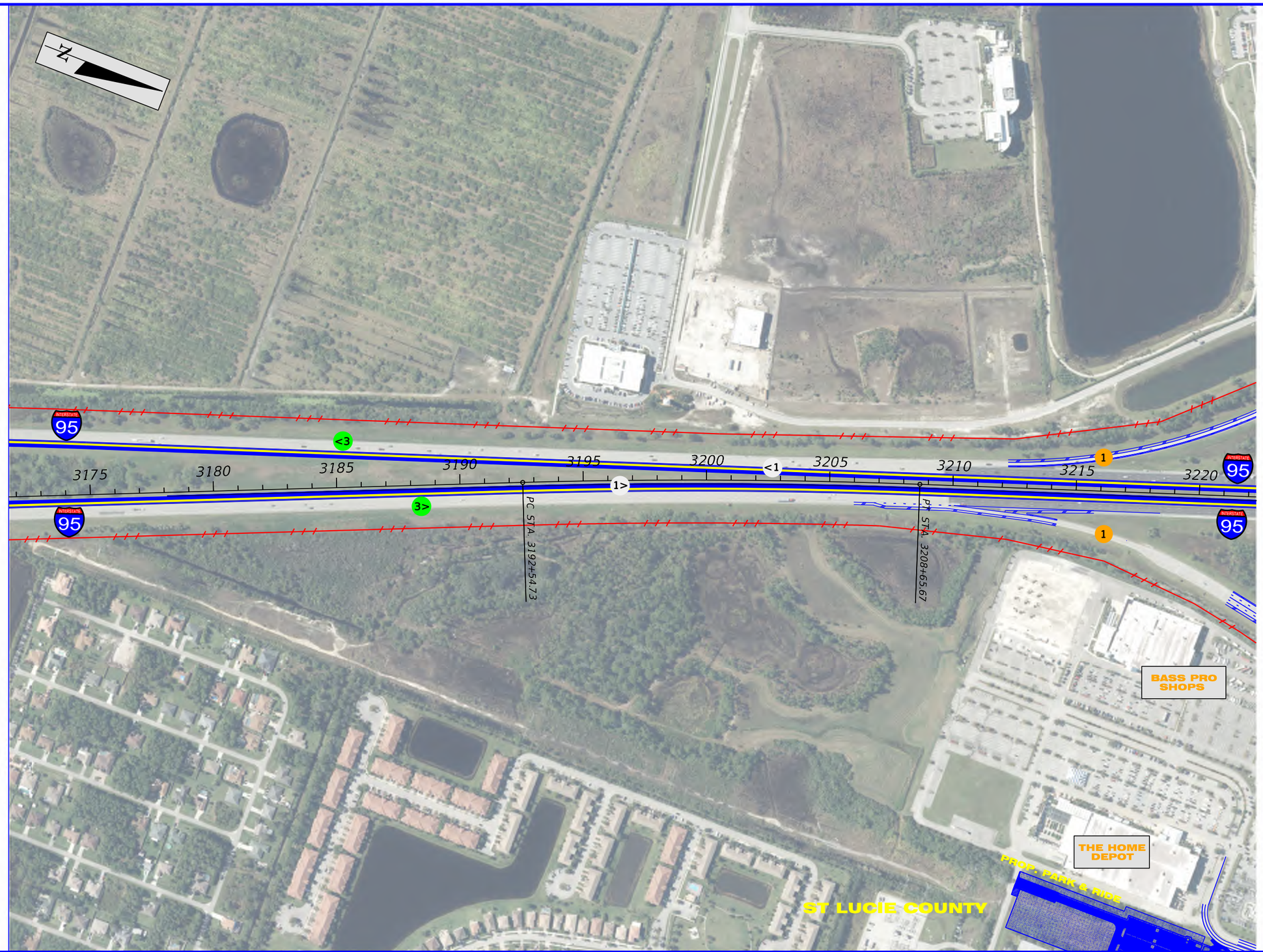
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
EXISTING SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

SHEET NO.
30

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Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

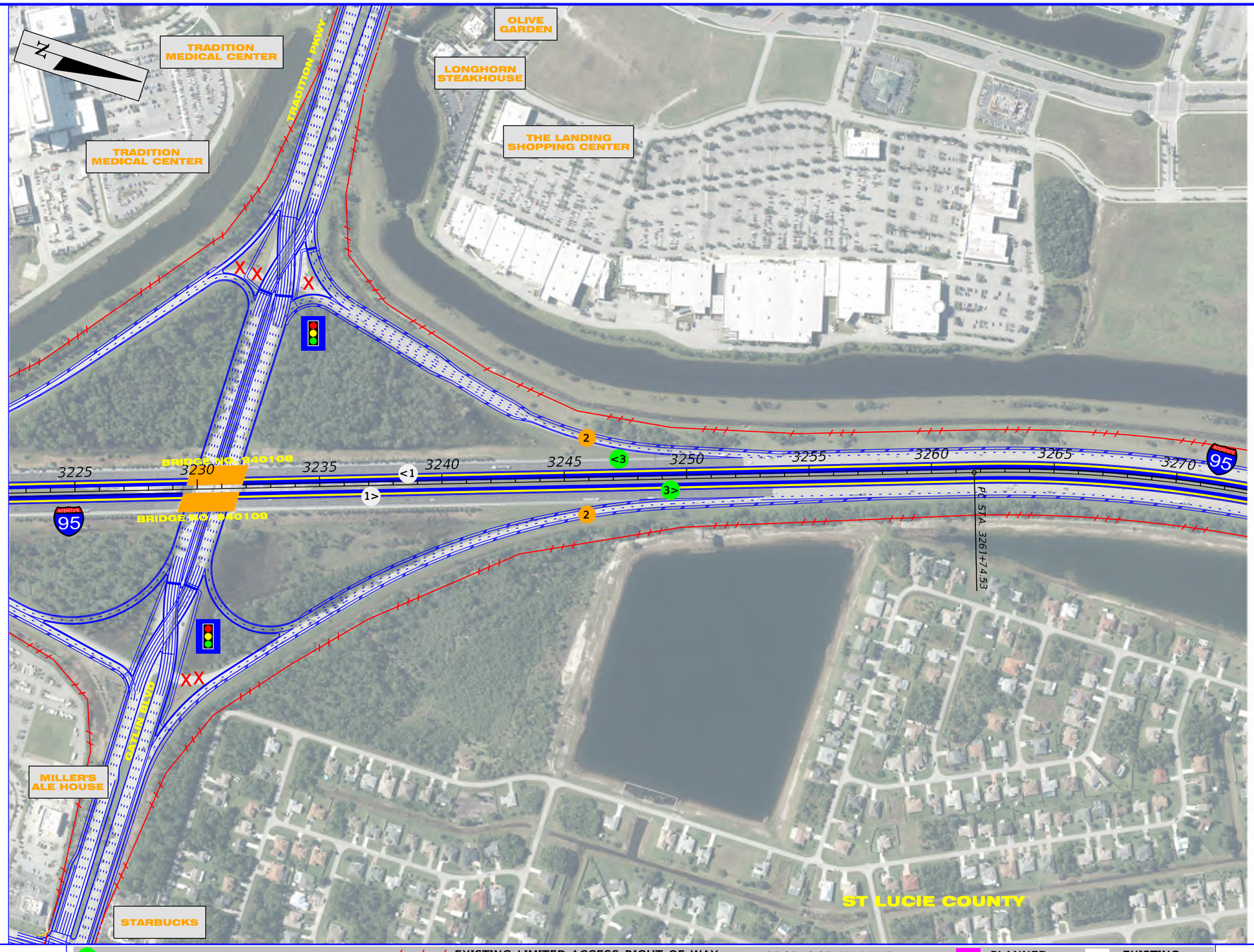
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
31

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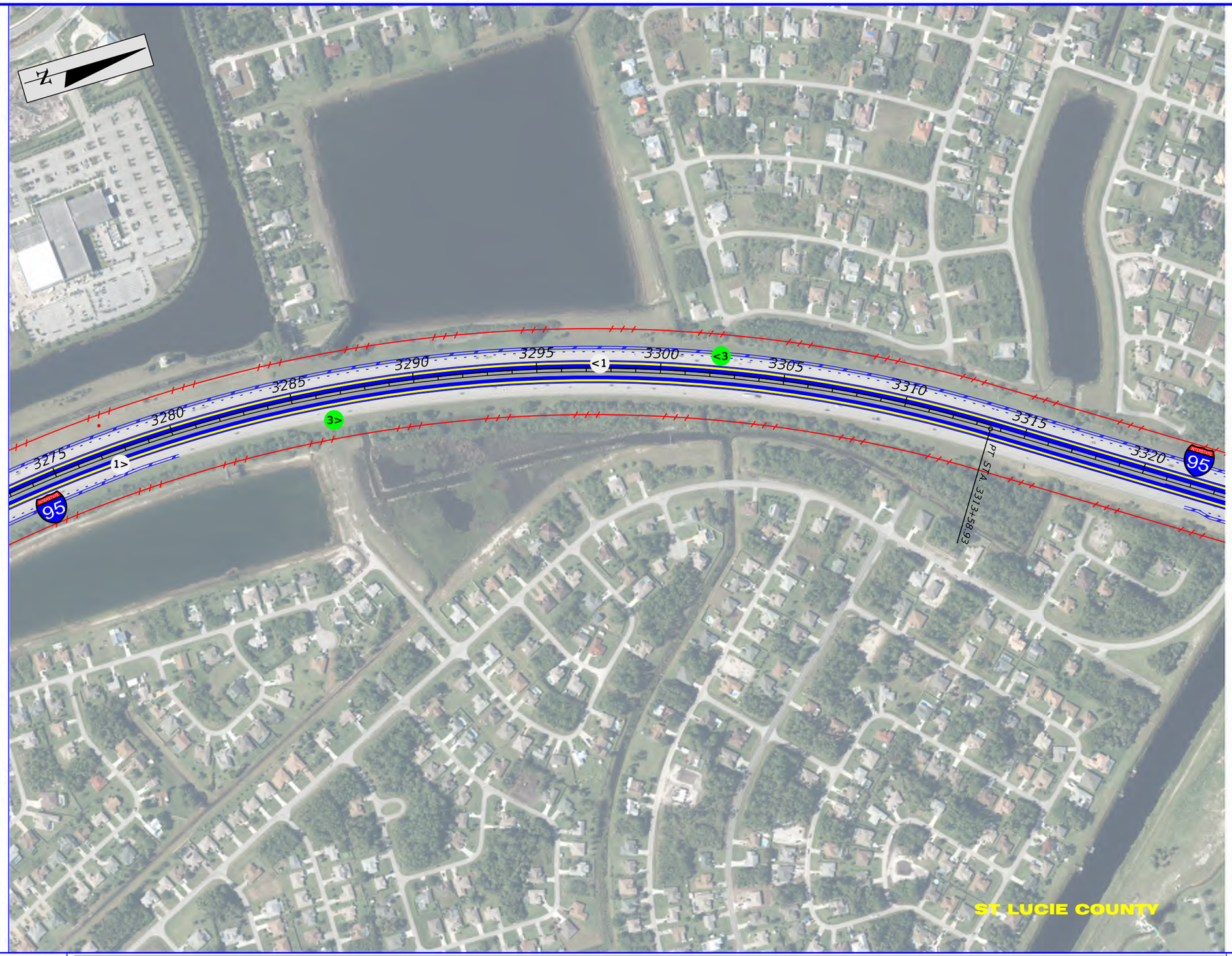
3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
EXISTING SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

SHEET NO.
32



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Multimodal Master Plan TREASURE COAST

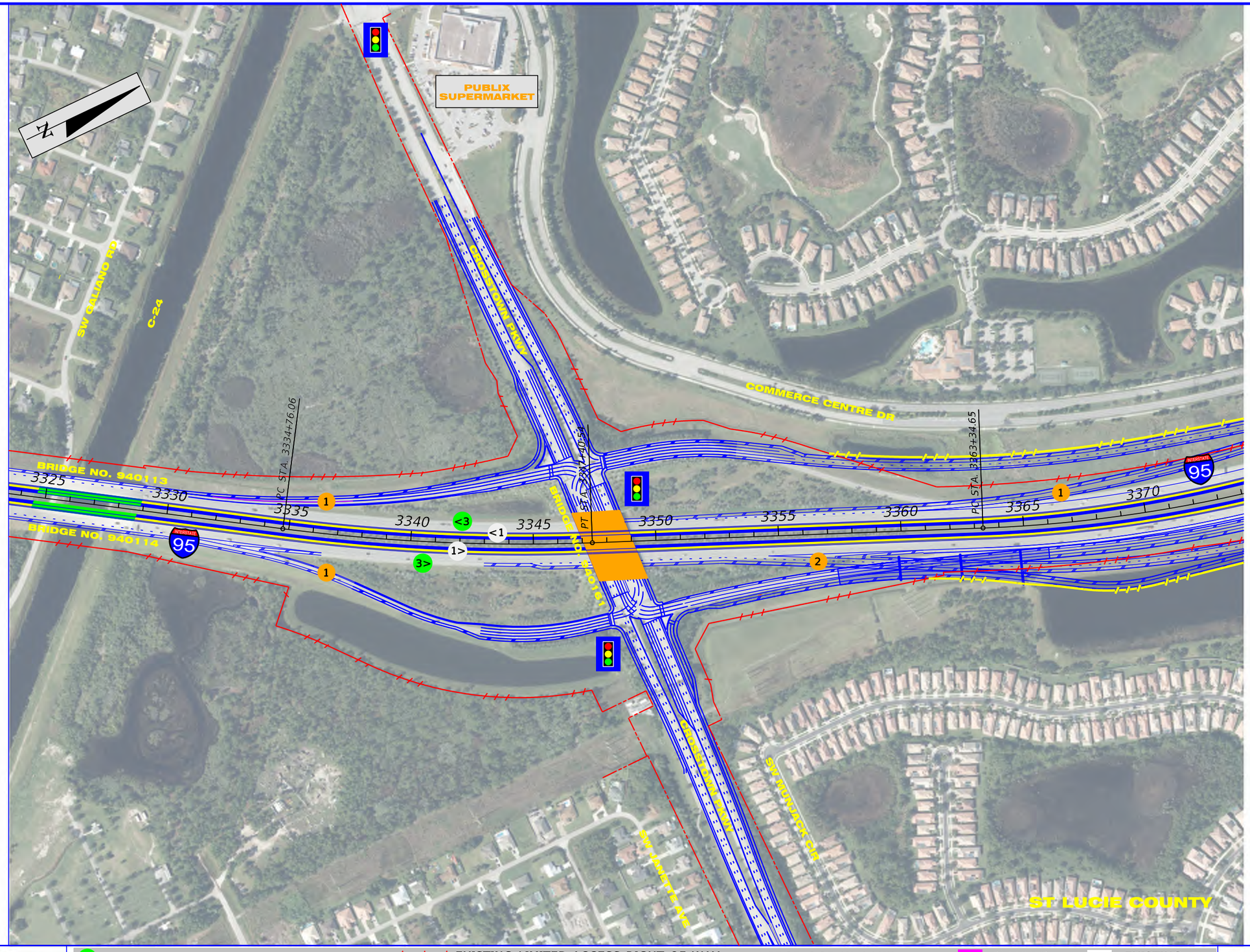
3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
33



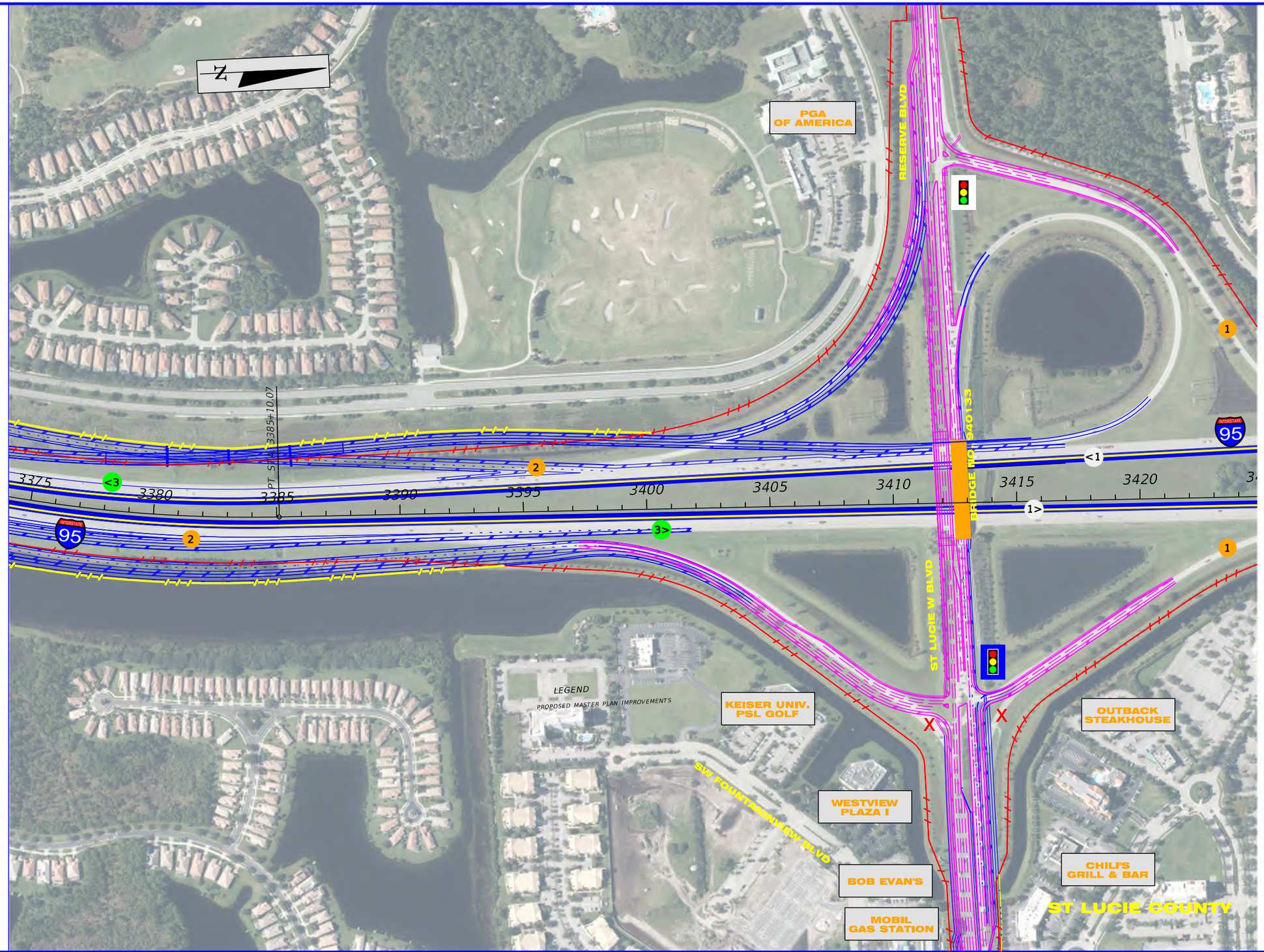
3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
EXISTING SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

SHEET NO. 34



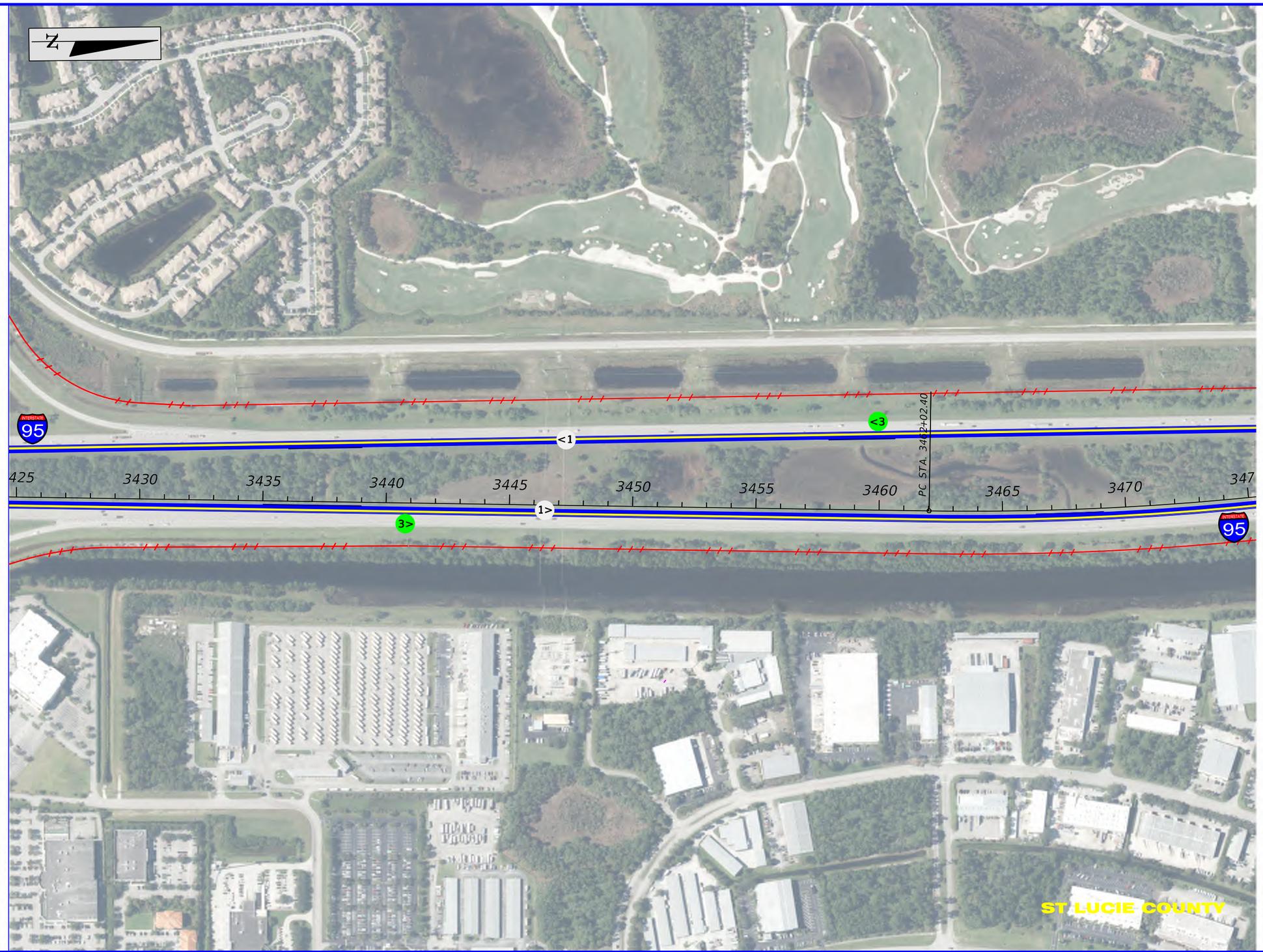
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I-95 Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL	EXISTING LIMITED-ACCESS RIGHT OF WAY
1> LANE ADDITION AND DIRECTION OF TRAVEL	EXISTING RIGHT OF WAY
1 FINAL NUMBER OF RAMP LANES	REQUIRED R/W
X LANE TO BE REMOVED	PROP. BRIDGE REPLACEMENT
	PROP. BRIDGE WIDENING
	PROP. I-95 ML LANE
	PROP. I-95 ML SHOULDER
	PROP. MASTER PLAN IMPROV.
	PLANNED IMPROVEMENTS (BY OTHERS)
	PLANNED SIGNALIZED INTERSECTION
	PROPOSED SIGNALIZATION IMPROVEMENTS
	EXISTING SIGNALIZED INTERSECTION

SHEET NO. 35

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Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

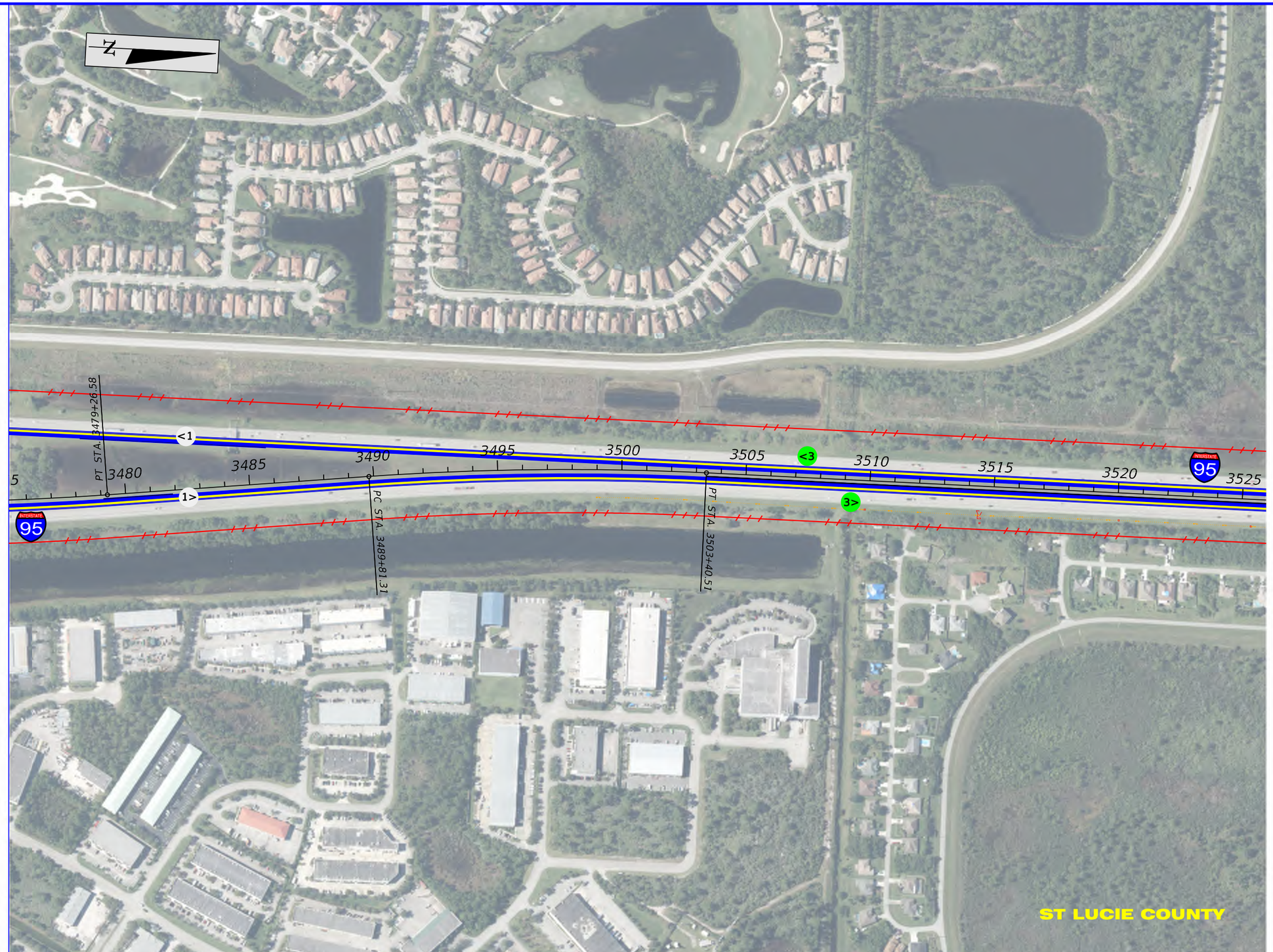
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EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
36

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Feet

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Multimodal Master Plan TREASURE COAST

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1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

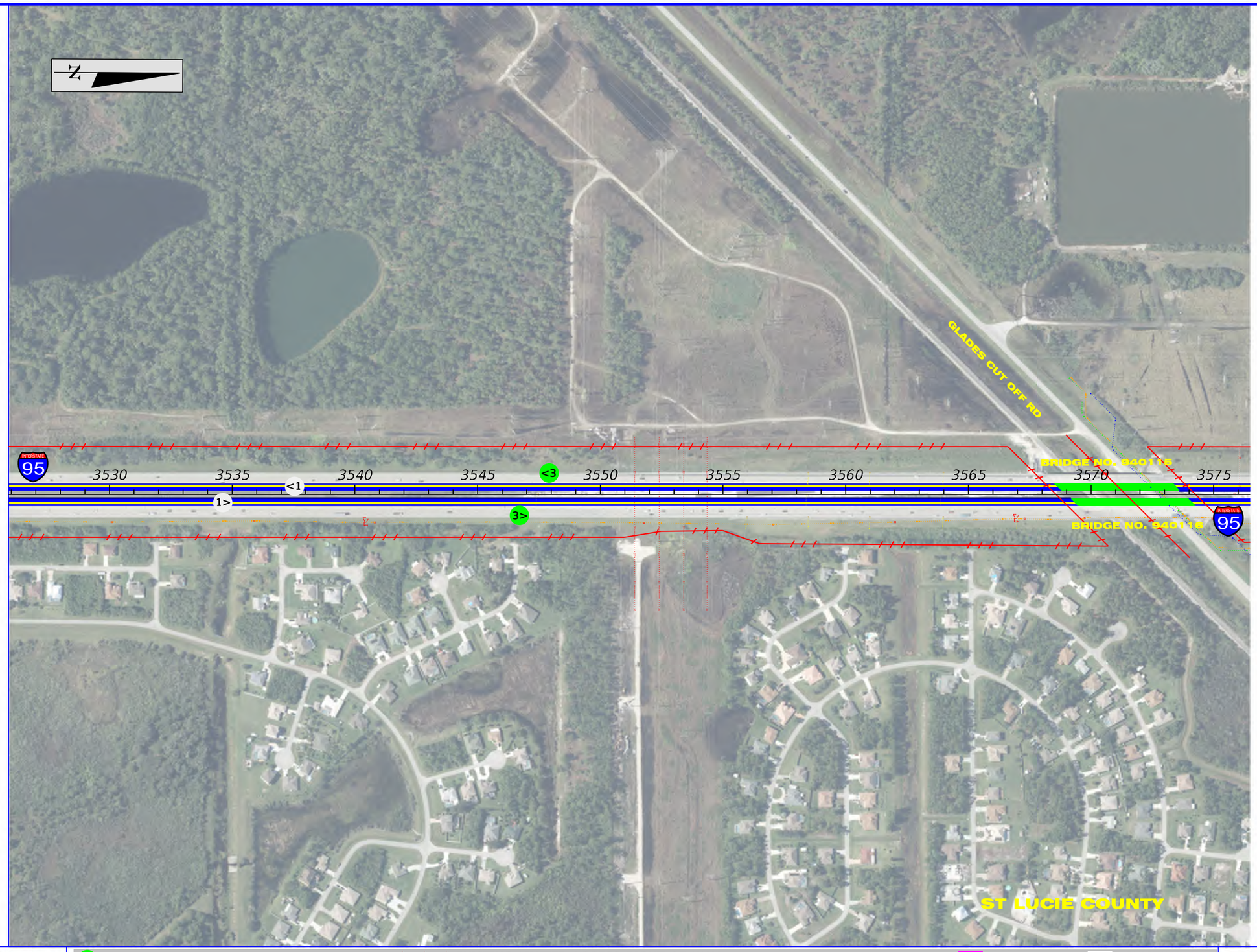
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EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
EXISTING SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

SHEET NO.
37

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1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

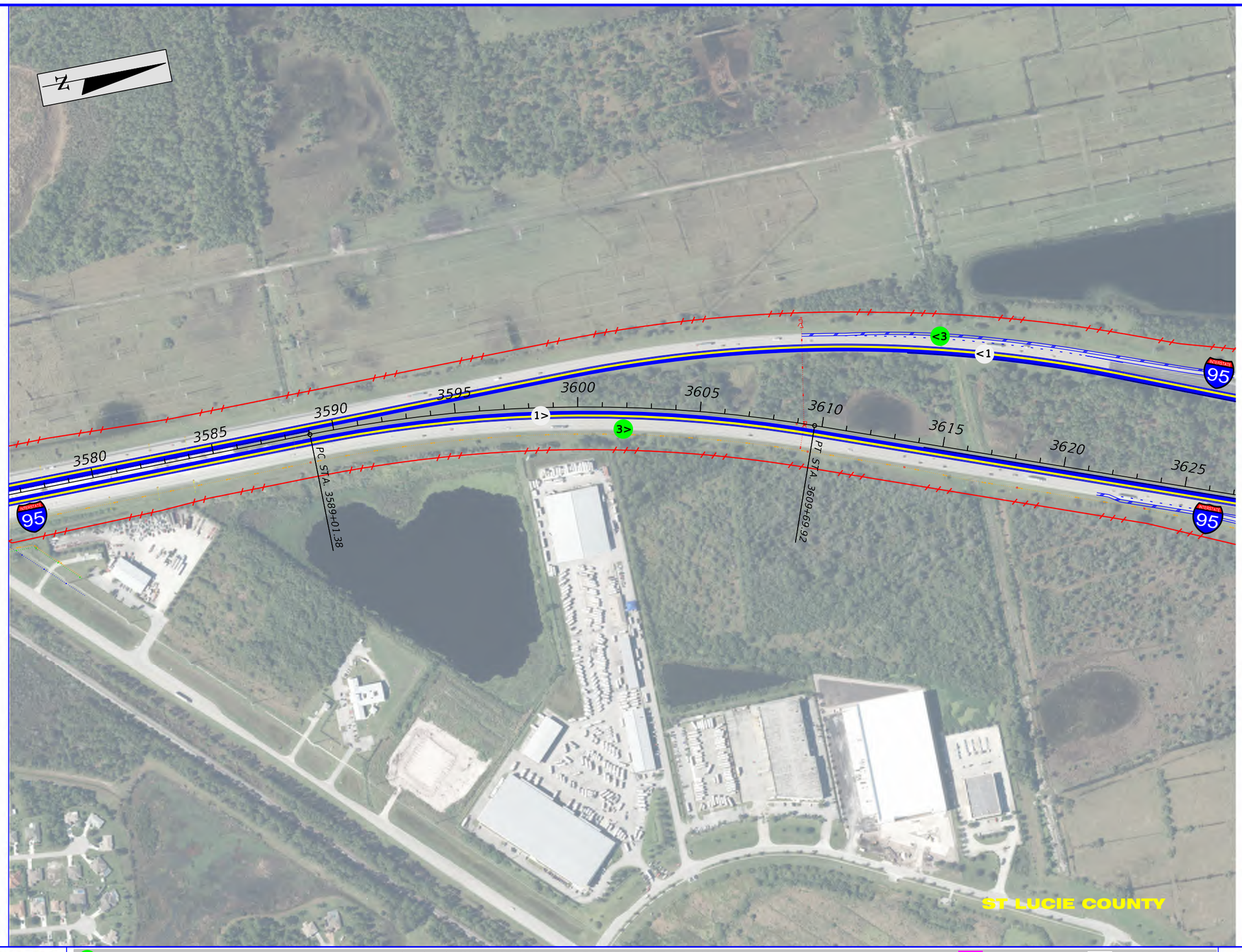
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
38

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Feet

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Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
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1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

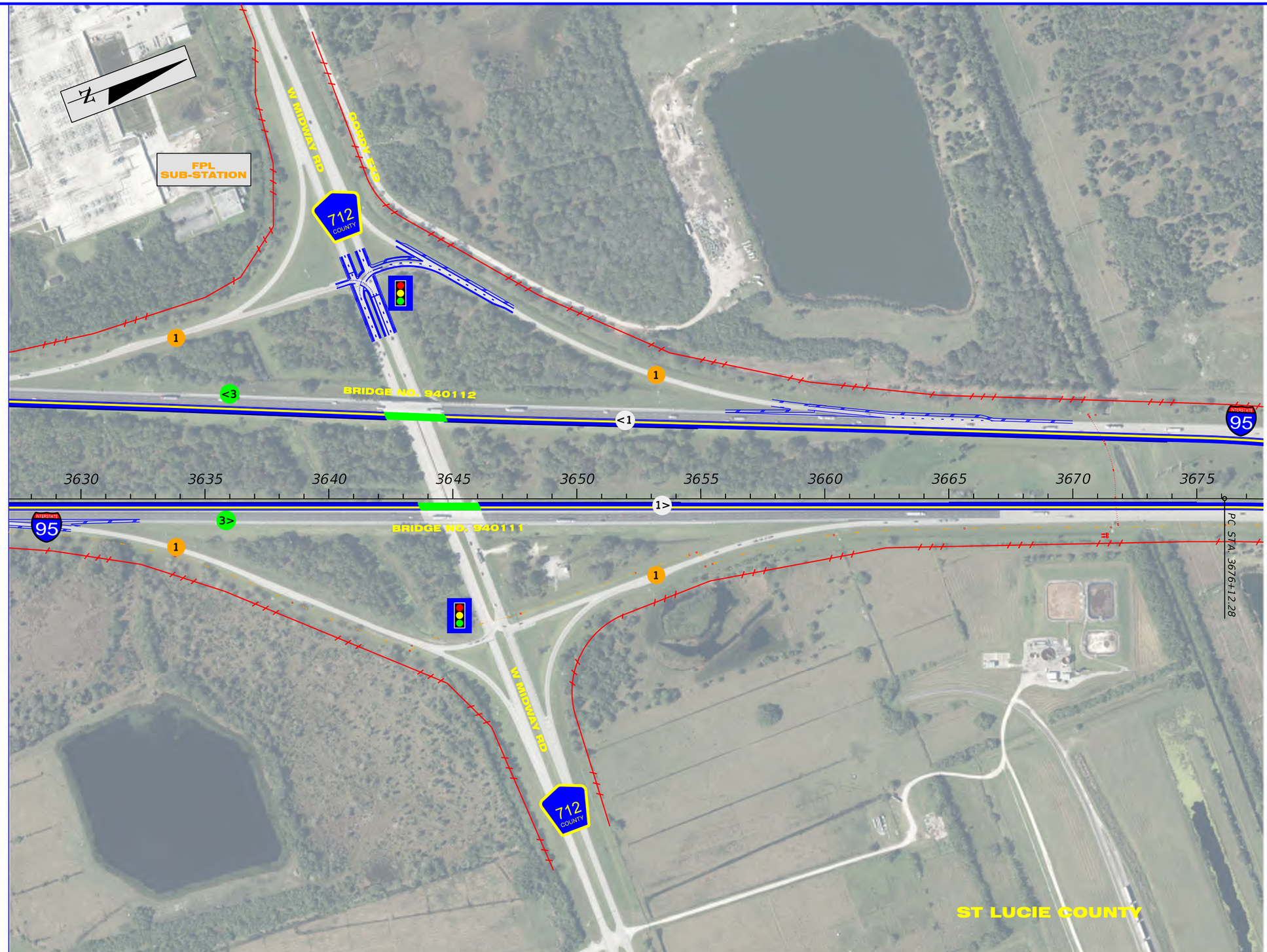
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REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
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PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
39

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Feet

FDOT

95 Multimodal Master Plan TREASURE COAST

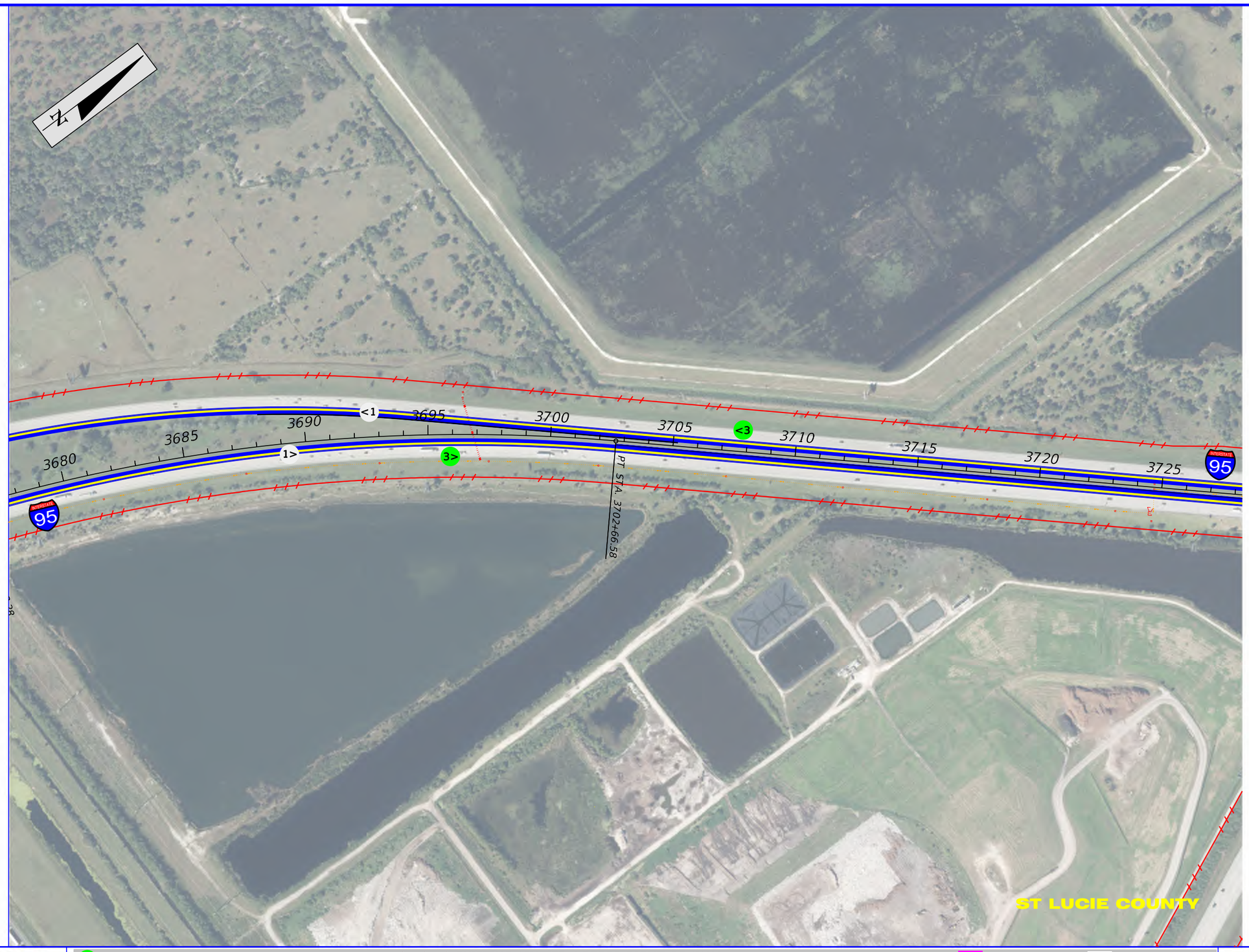
3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
40



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Multimodal Master Plan TREASURE COAST

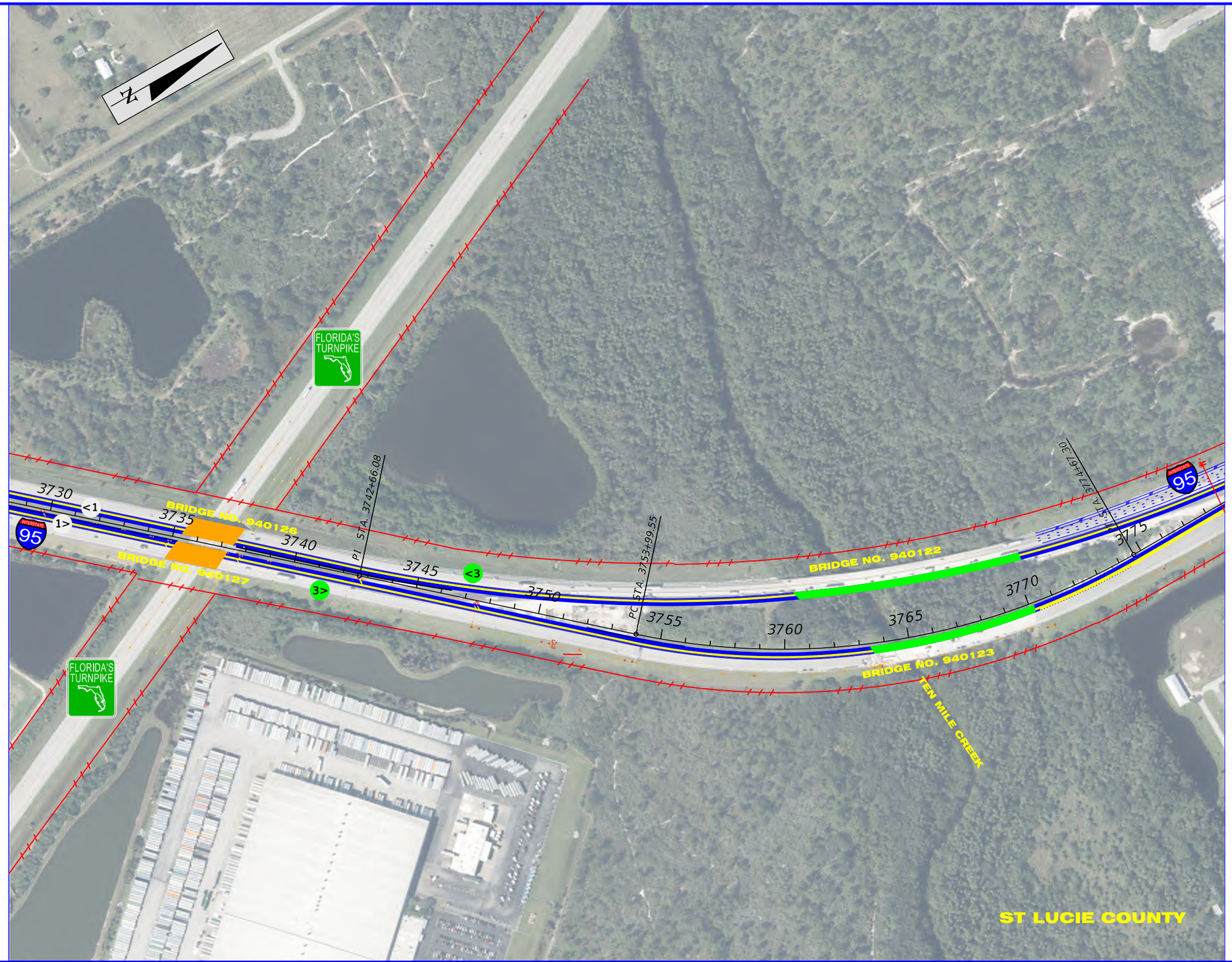
3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
41



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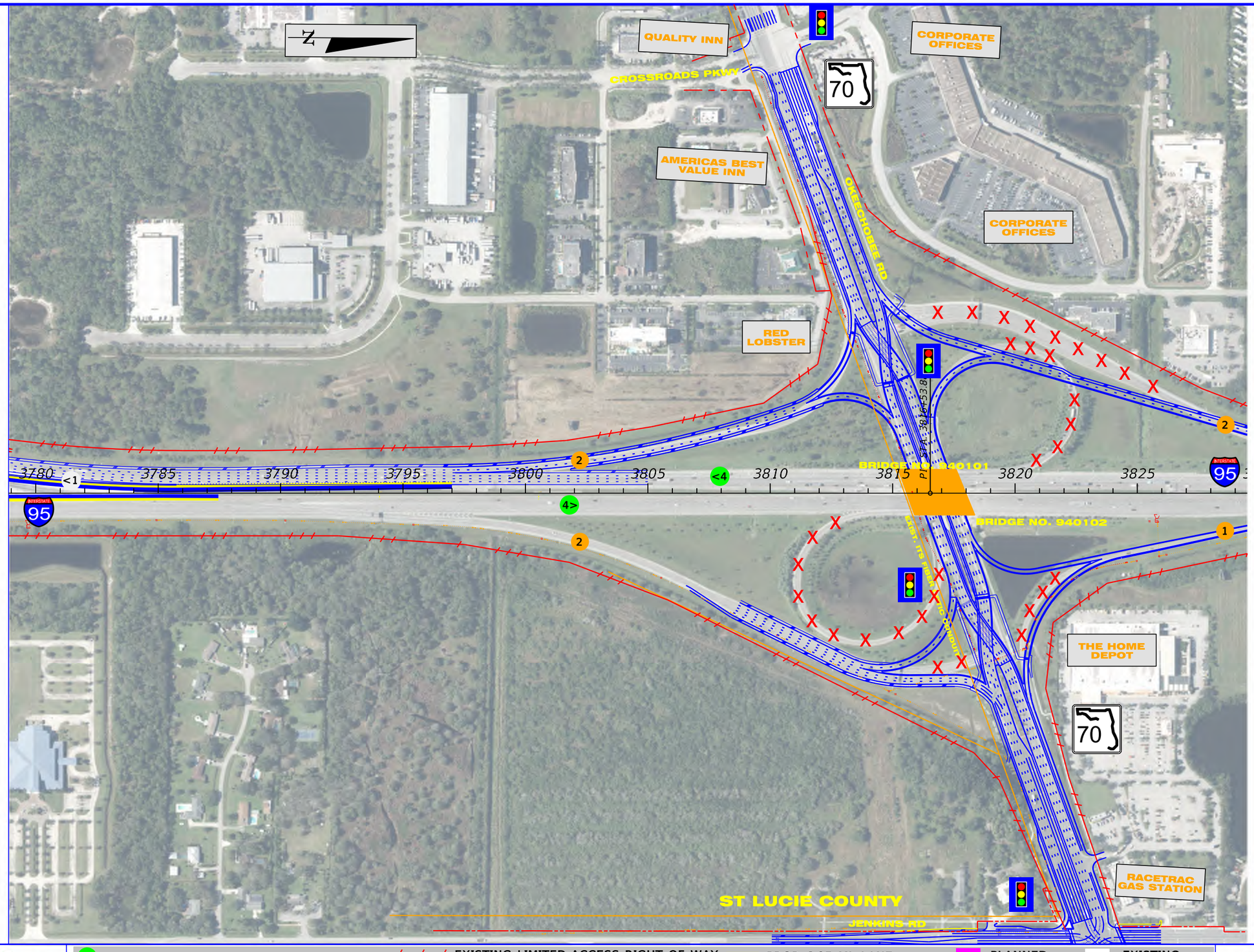
FDOT

Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL	EXISTING LIMITED-ACCESS RIGHT OF WAY	PROP. I-95 ML LANE	PLANNED SIGNALIZED INTERSECTION
1> LANE ADDITION AND DIRECTION OF TRAVEL	EXISTING RIGHT OF WAY	PROP. I-95 ML SHOULDER	EXISTING SIGNALIZED INTERSECTION
1 FINAL NUMBER OF RAMP LANES	REQUIRED R/W	PROP. MASTER PLAN IMPROV.	PROPOSED SIGNALIZATION IMPROVEMENTS
X LANE TO BE REMOVED	PROP. BRIDGE REPLACEMENT	PLANNED IMPROVEMENTS (BY OTHERS)	
	PROP. BRIDGE WIDENING		

SHEET NO.
42

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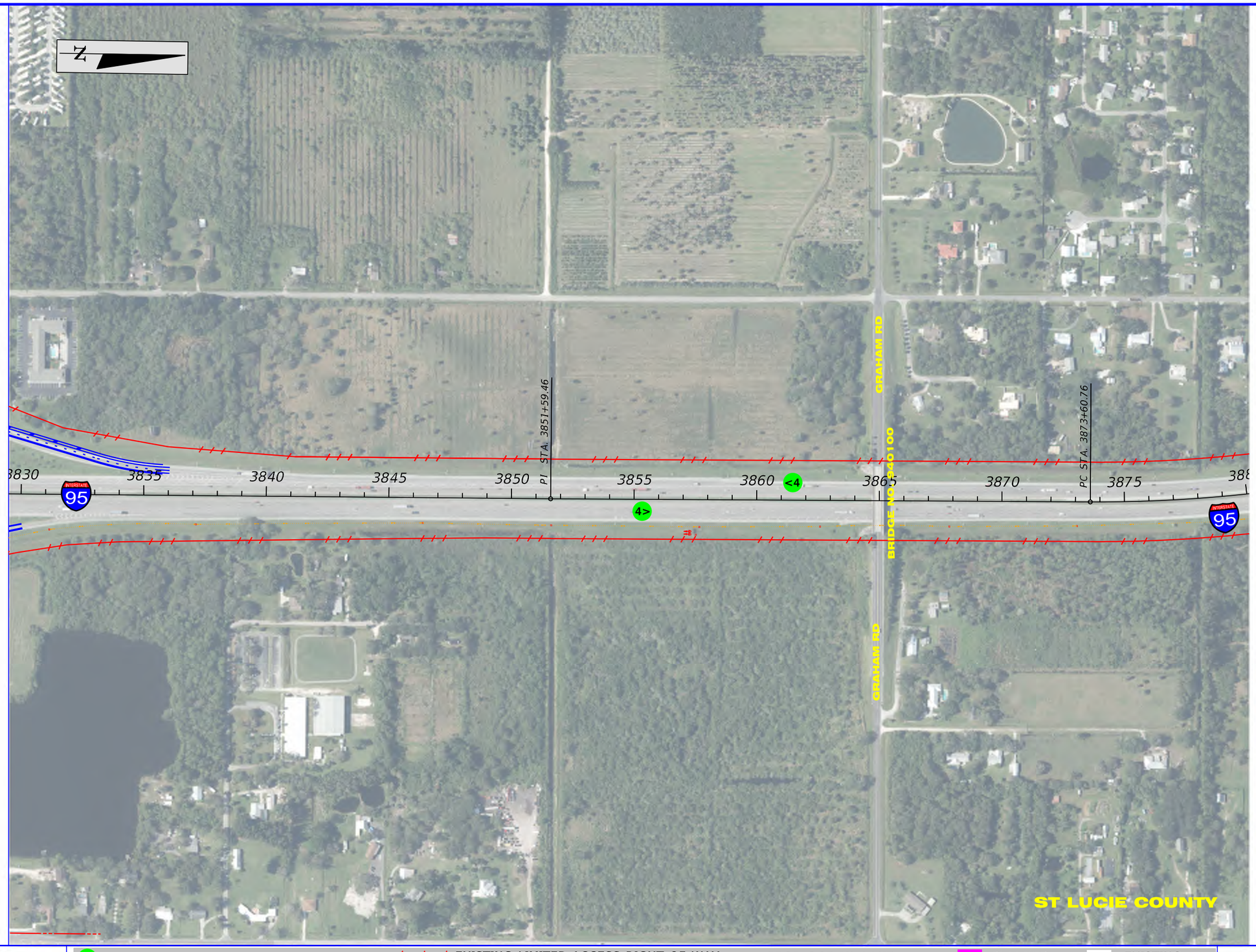
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1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

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43



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I-95 Multimodal Master Plan TREASURE COAST

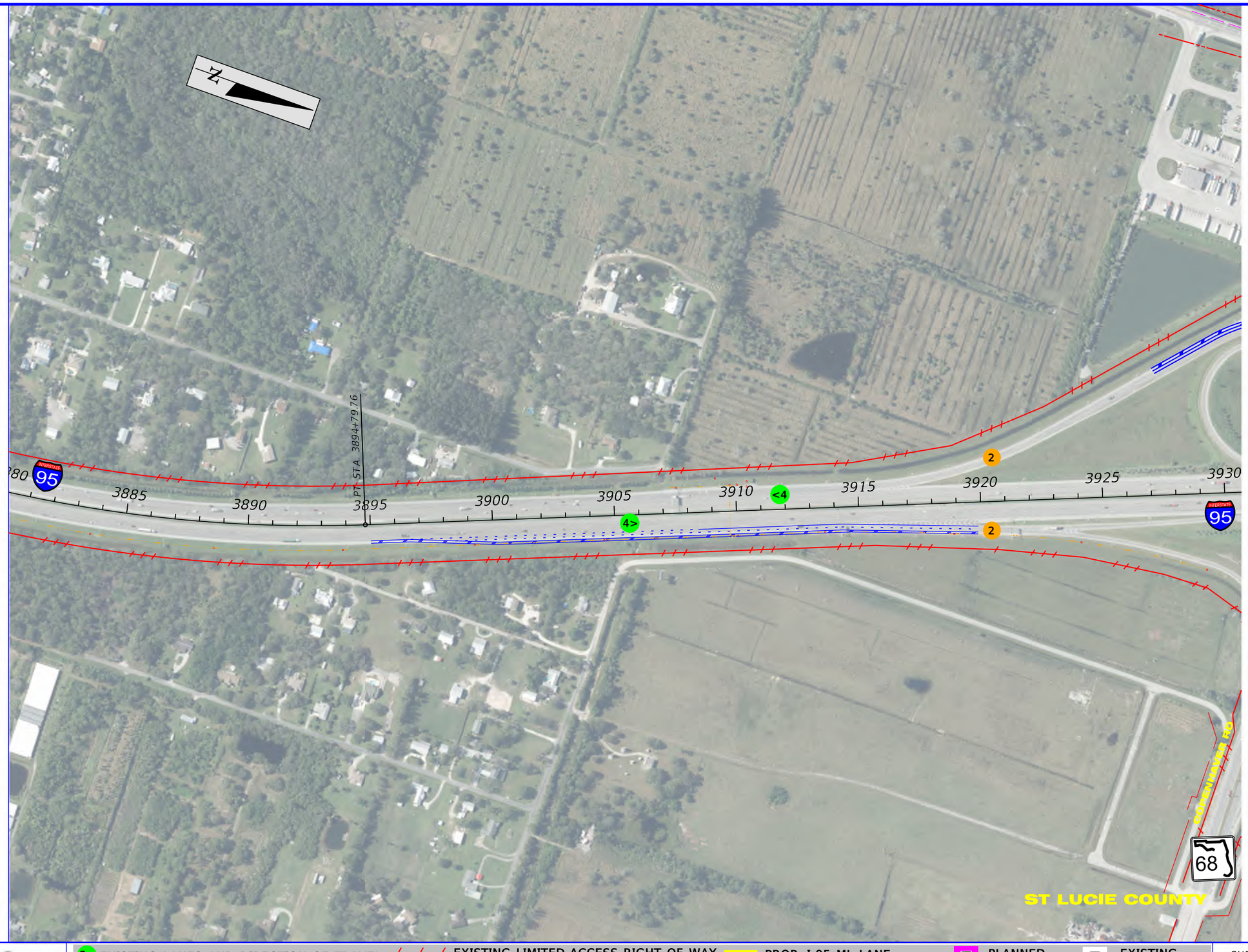
3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
44



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3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

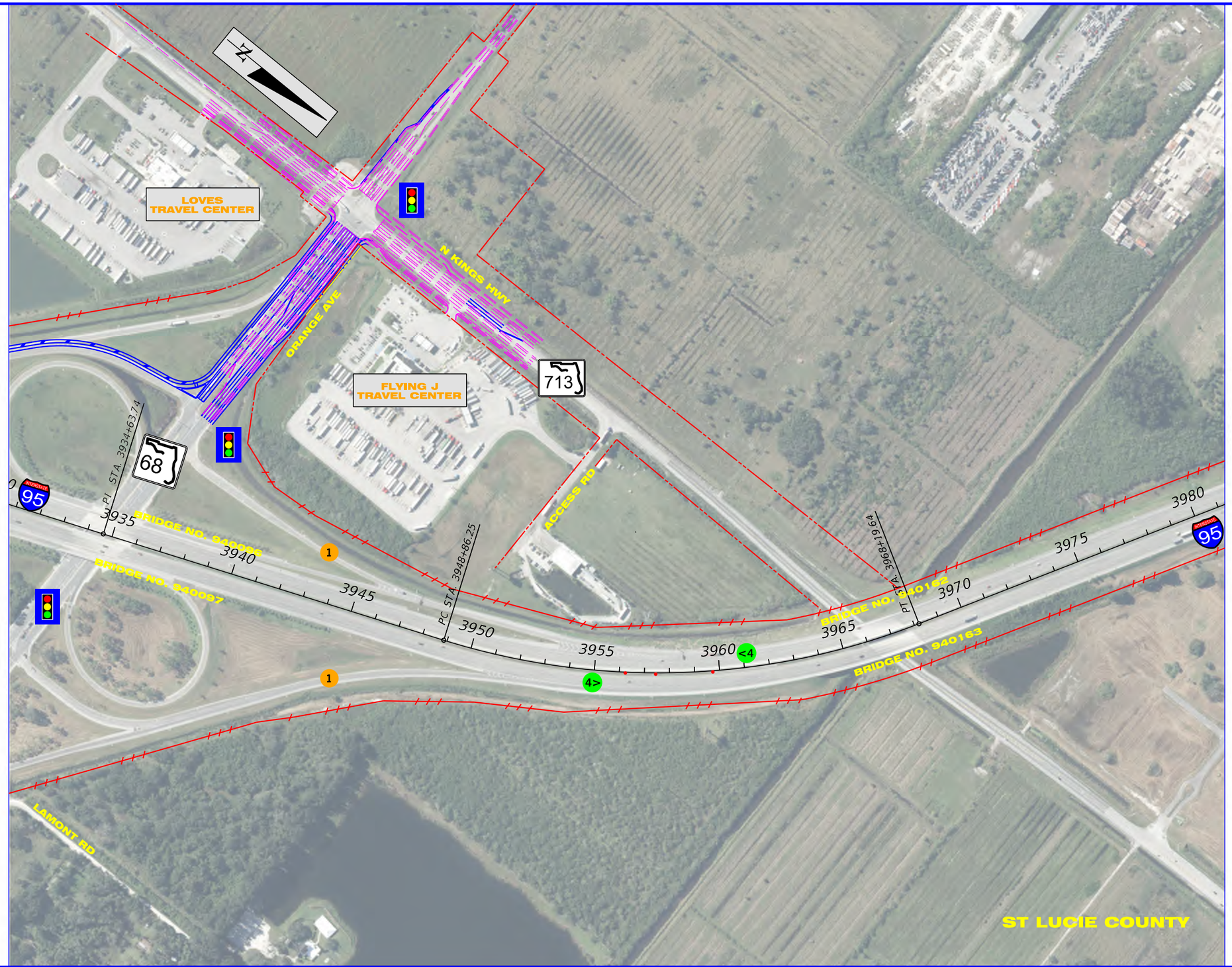
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
EXISTING SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

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45

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95 Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

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46

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3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

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47

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Multimodal Master Plan TREASURE COAST

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1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

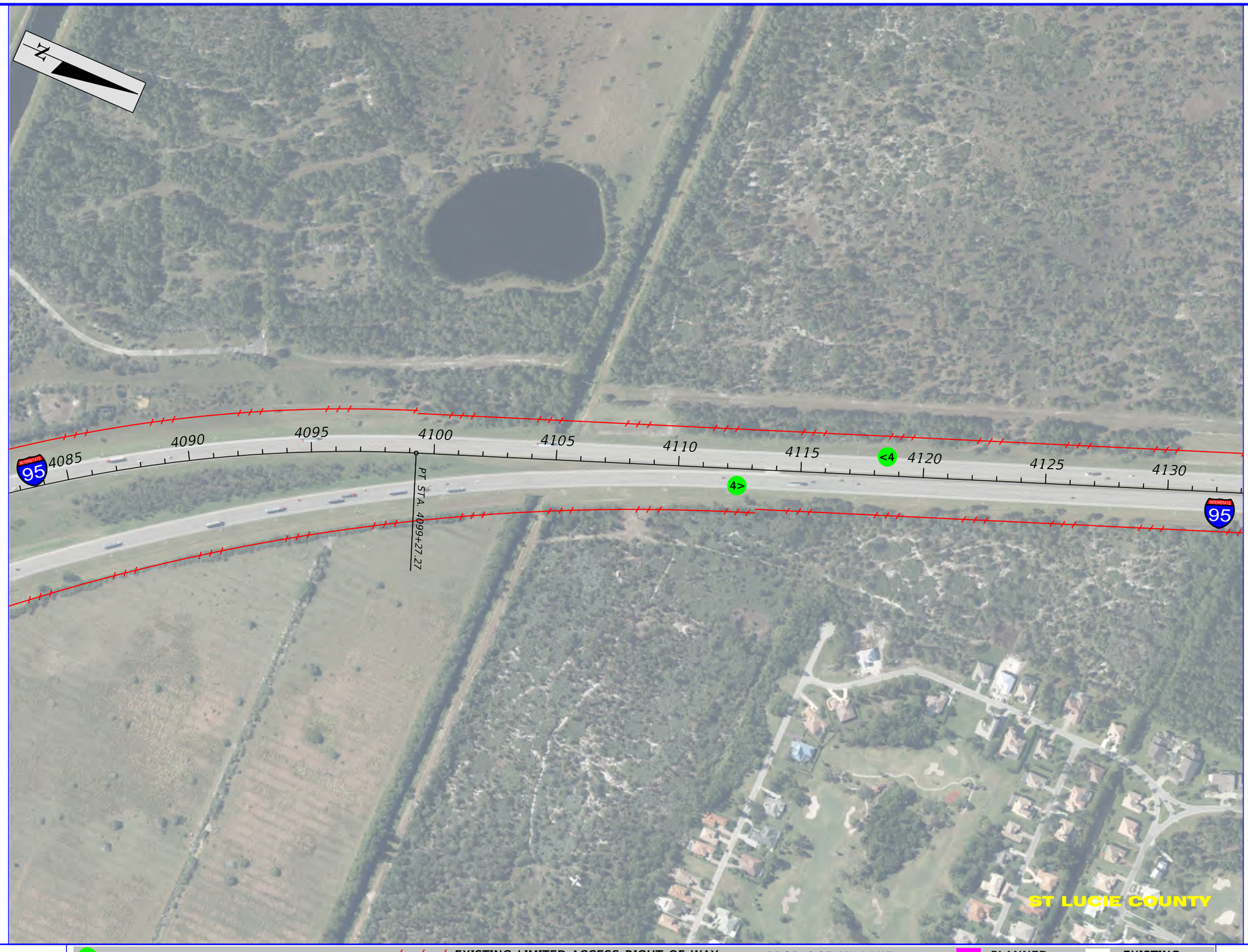
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EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

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48

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Multimodal Master Plan TREASURE COAST

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1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

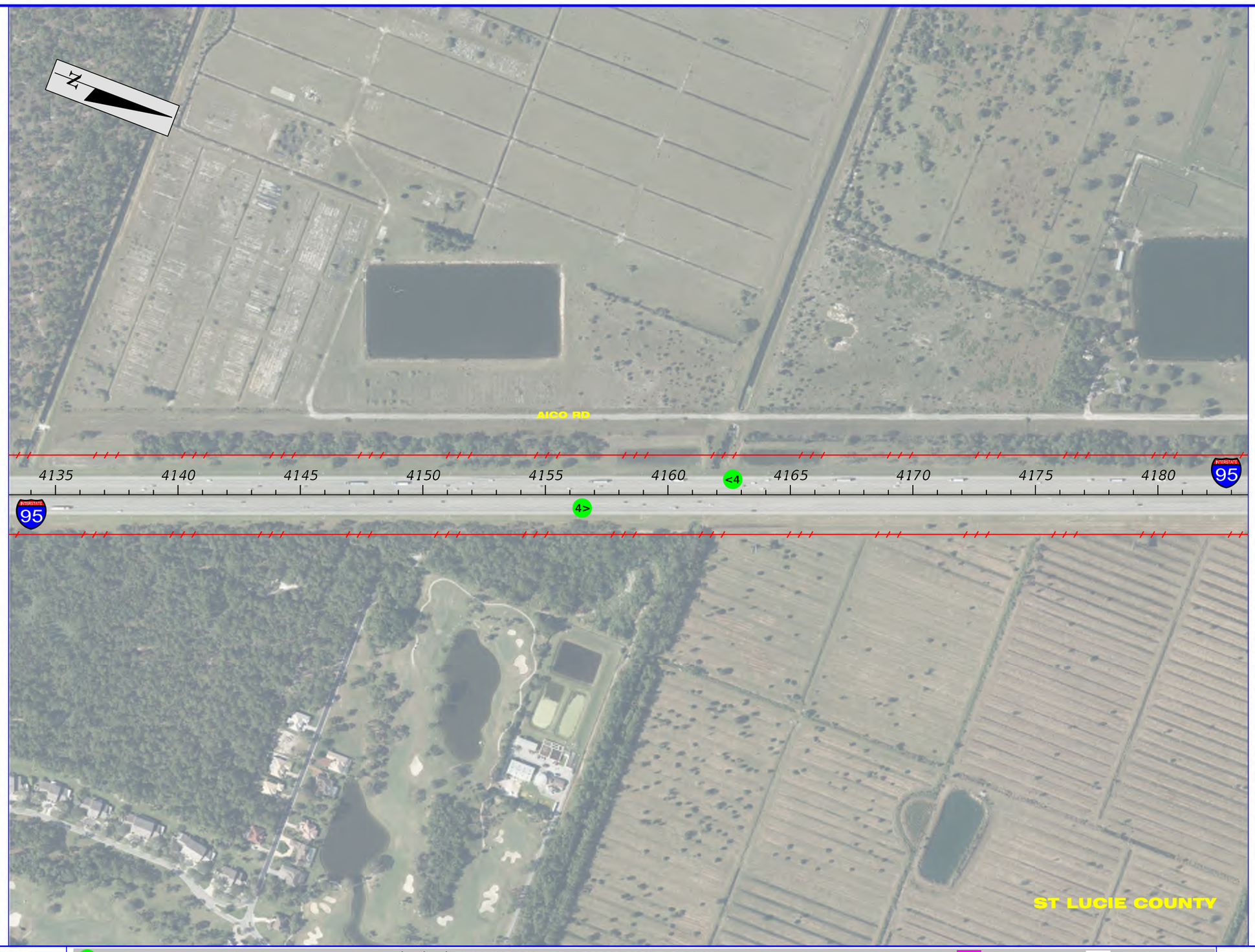
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
EXISTING SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

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49

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95 Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

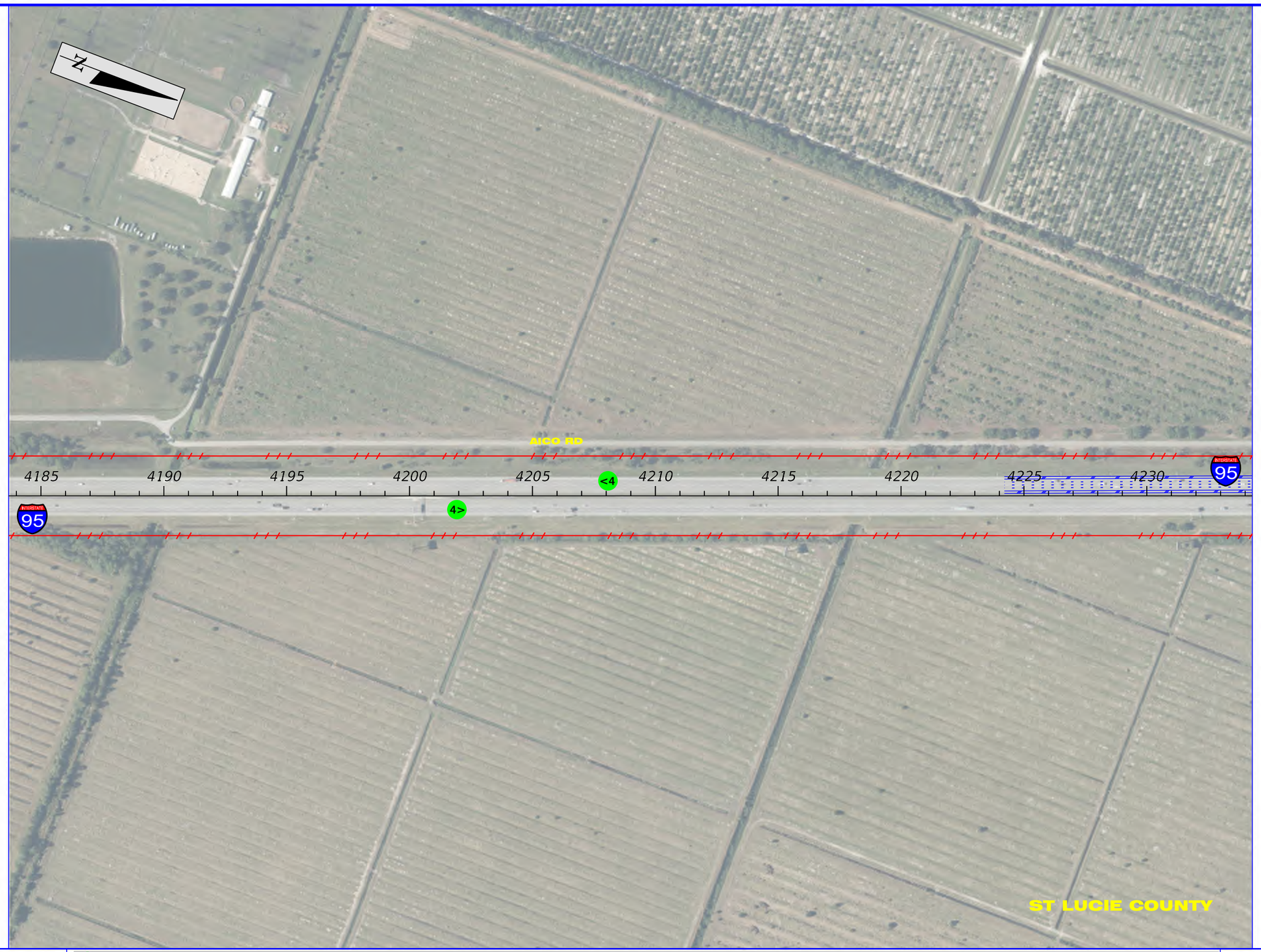
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

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50

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Feet

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Multimodal Master Plan
TREASURE COAST

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1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

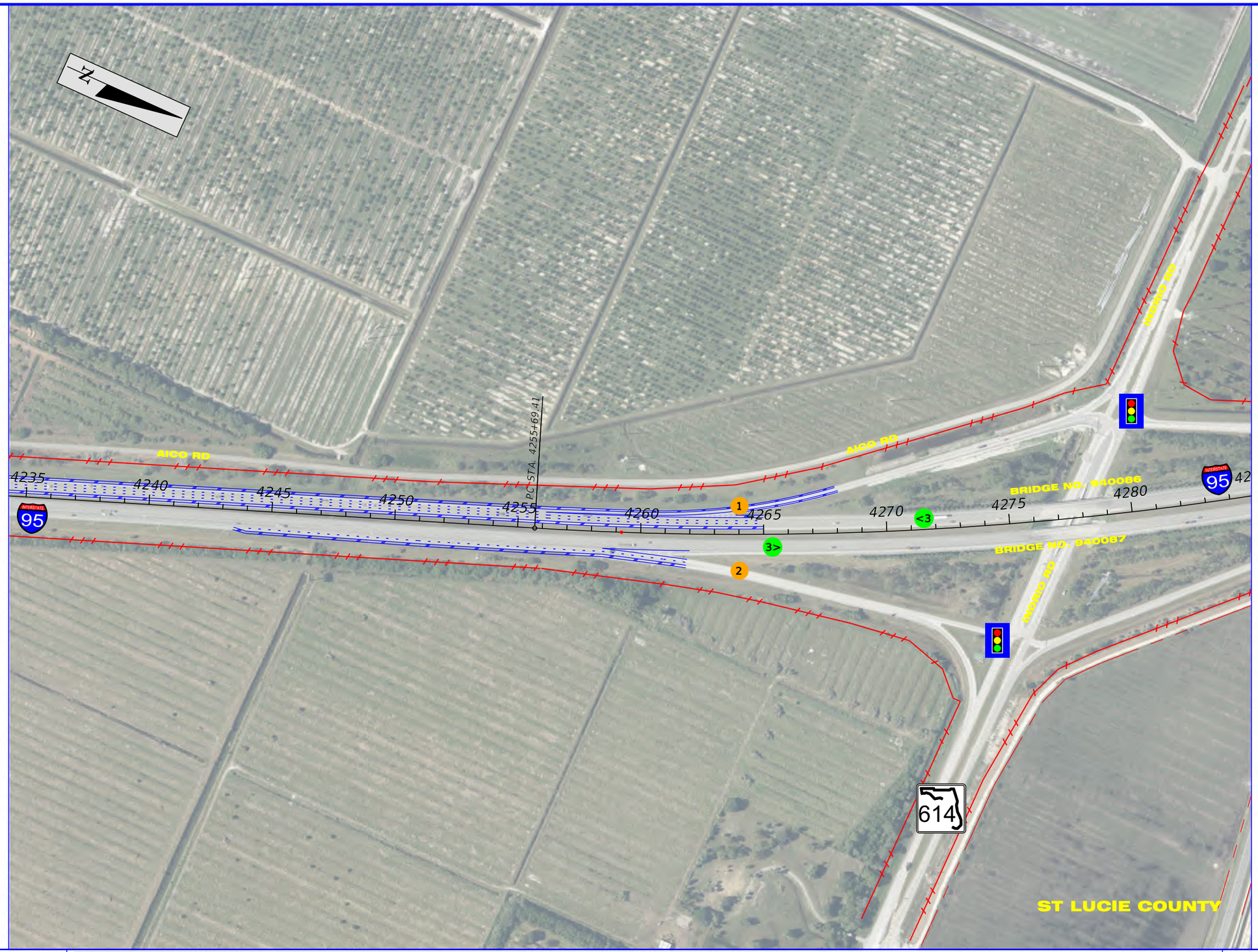
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
51

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Multimodal Master Plan TREASURE COAST

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1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

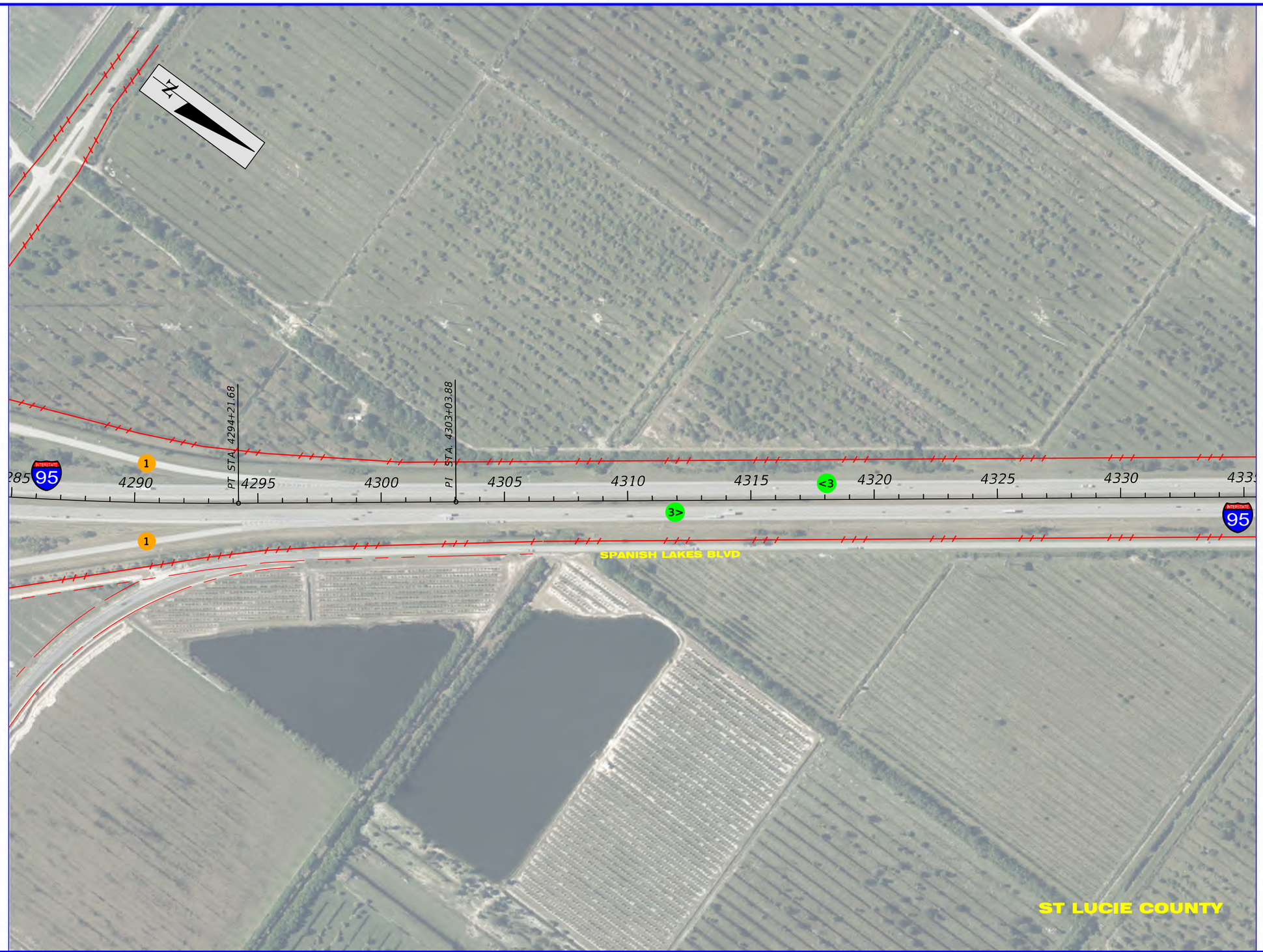
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EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

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52

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Feet

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Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
53

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95 Multimodal Master Plan TREASURE COAST

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1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

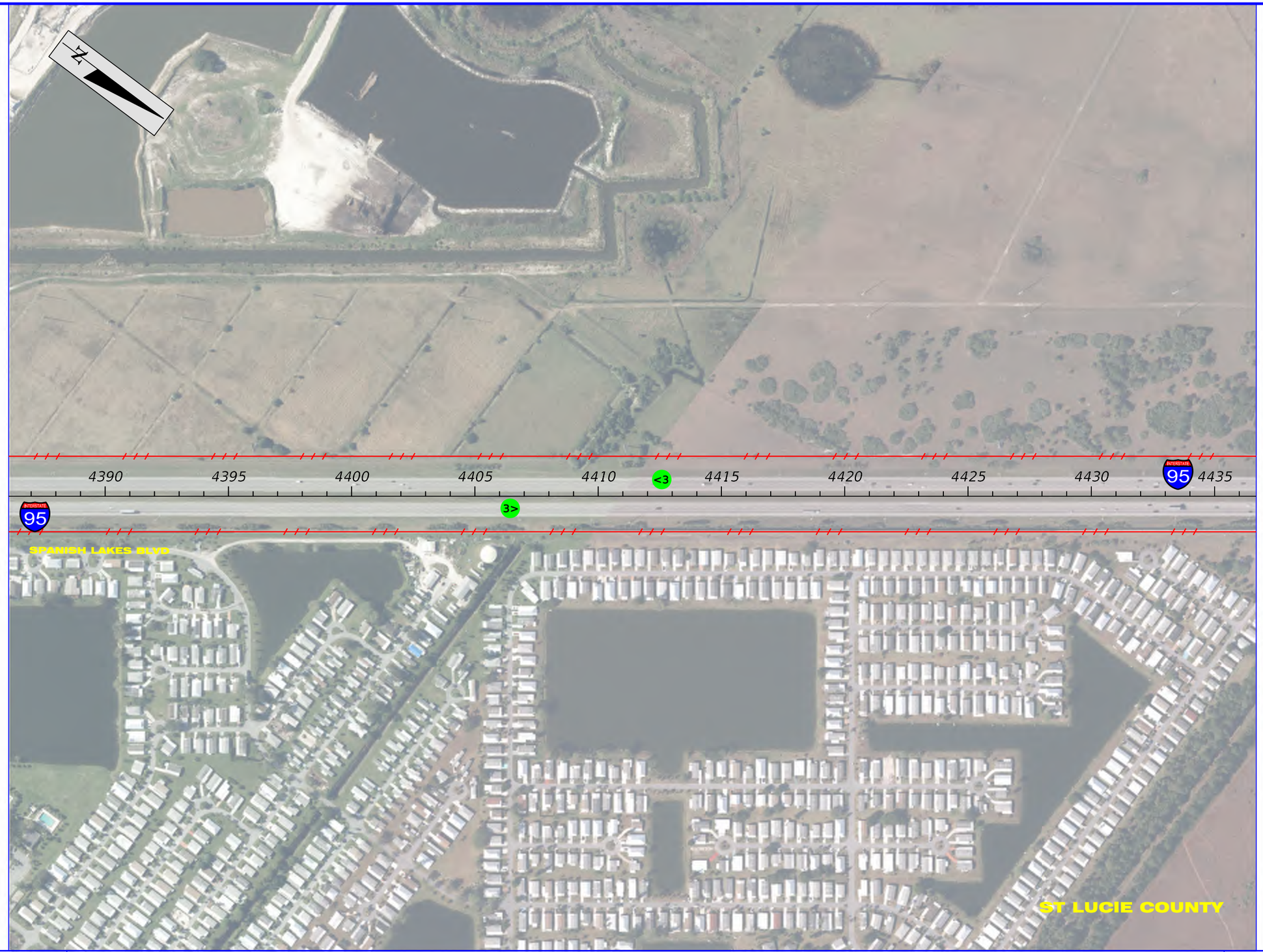
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EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
54

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95 Multimodal Master Plan TREASURE COAST

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1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

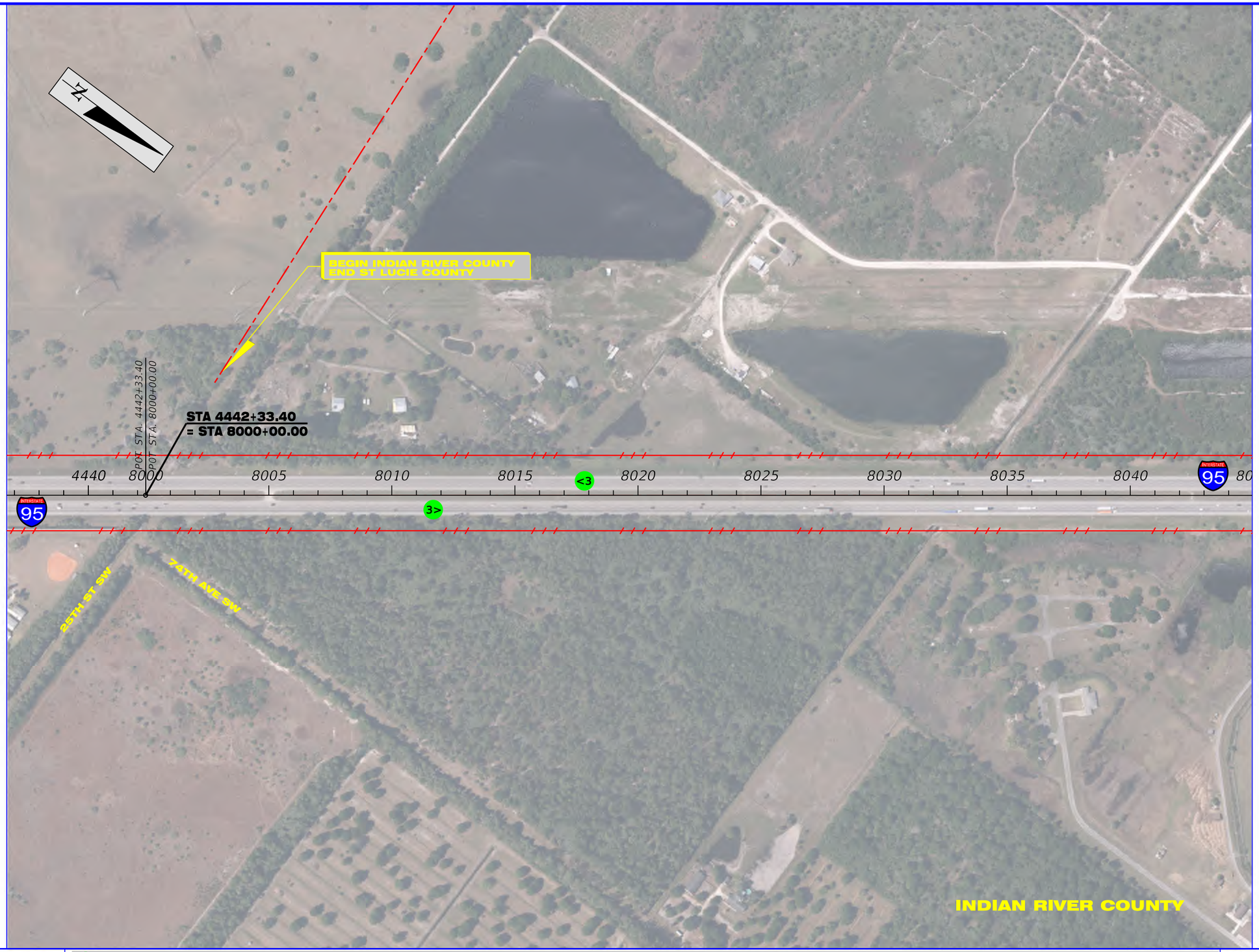
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EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
55

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Feet

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Multimodal Master Plan TREASURE COAST

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1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

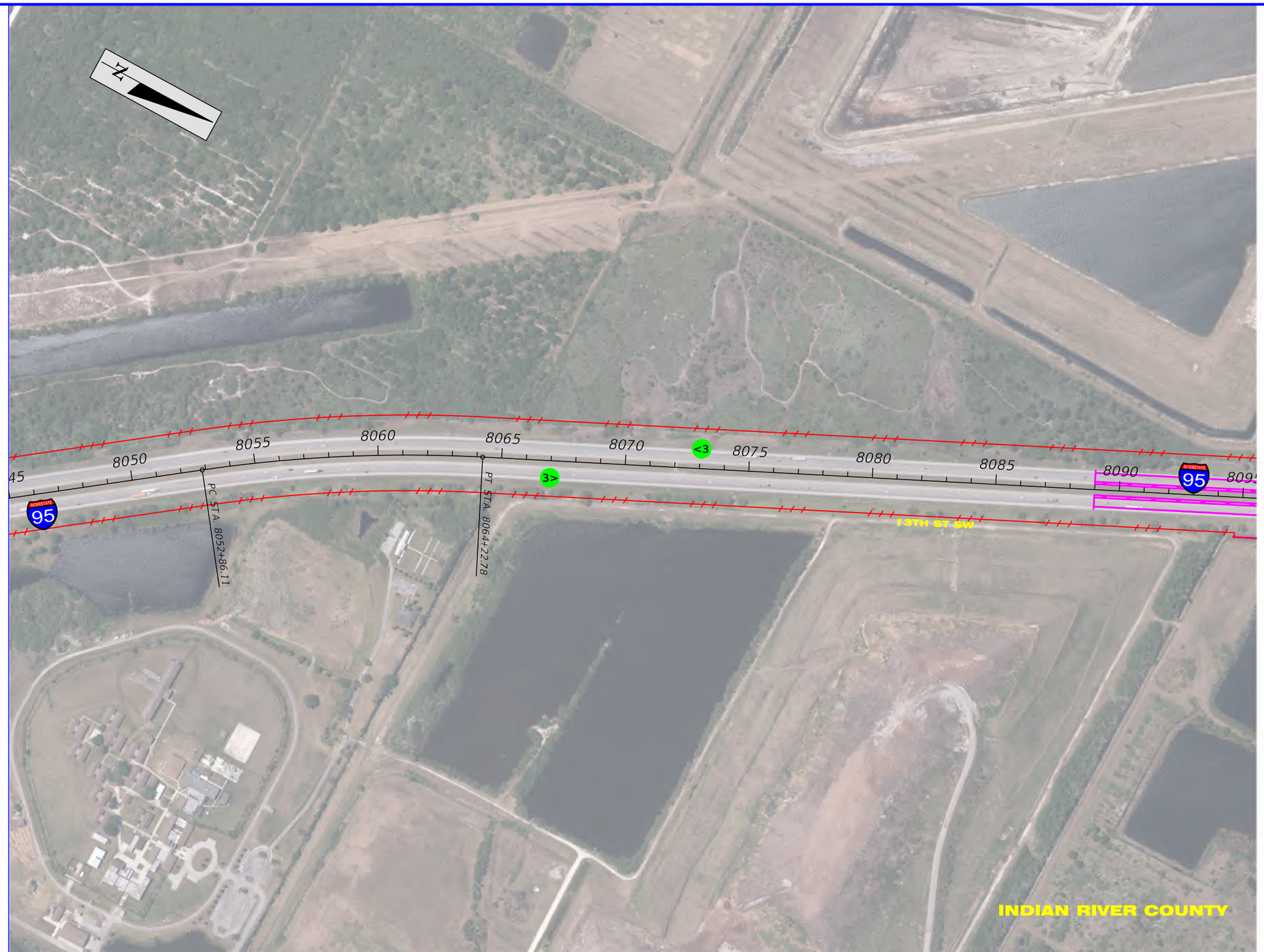
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EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
56

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3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

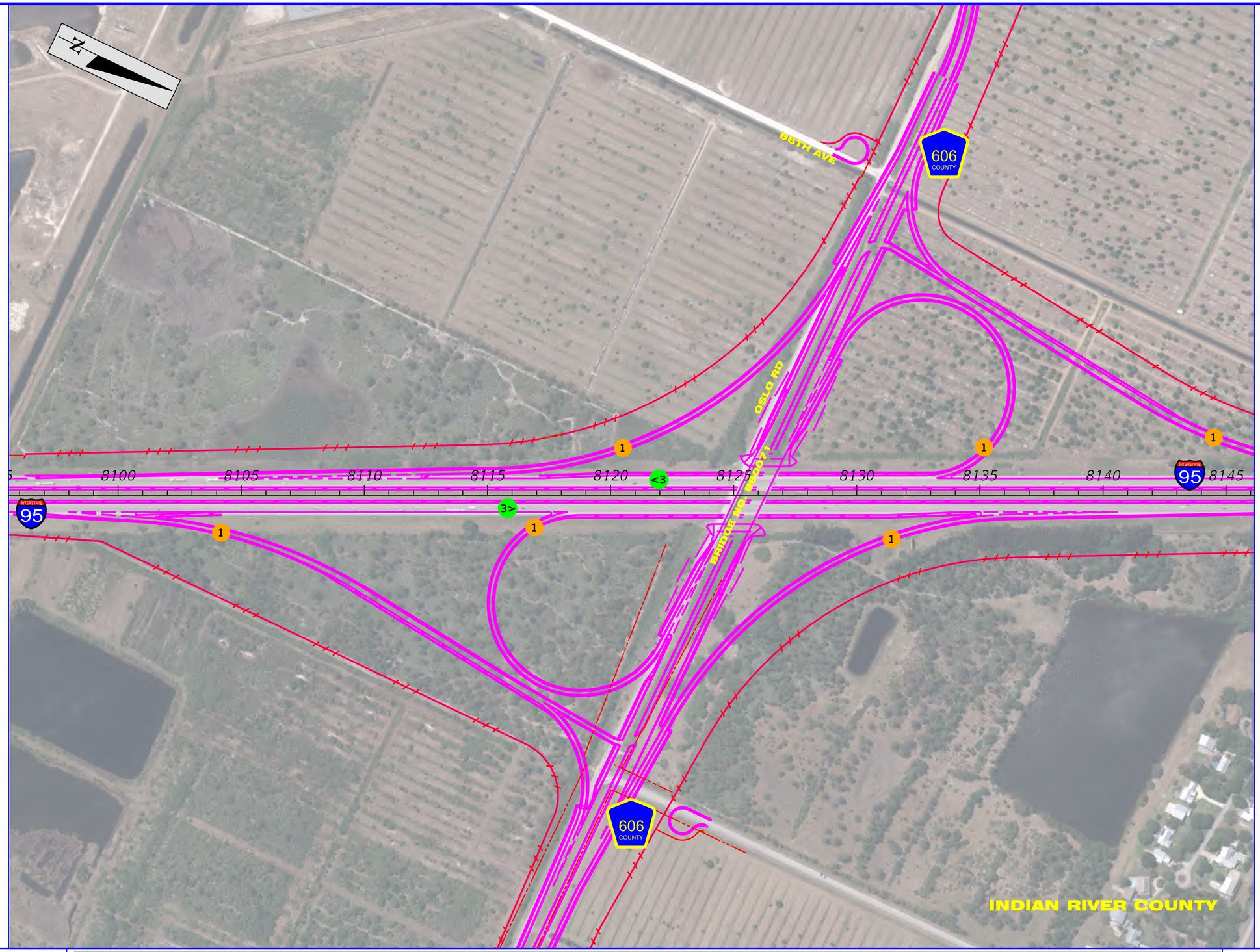
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EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

$USER$ $DATE$ $TIME$ $FILE$

SHEET NO.
57



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Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

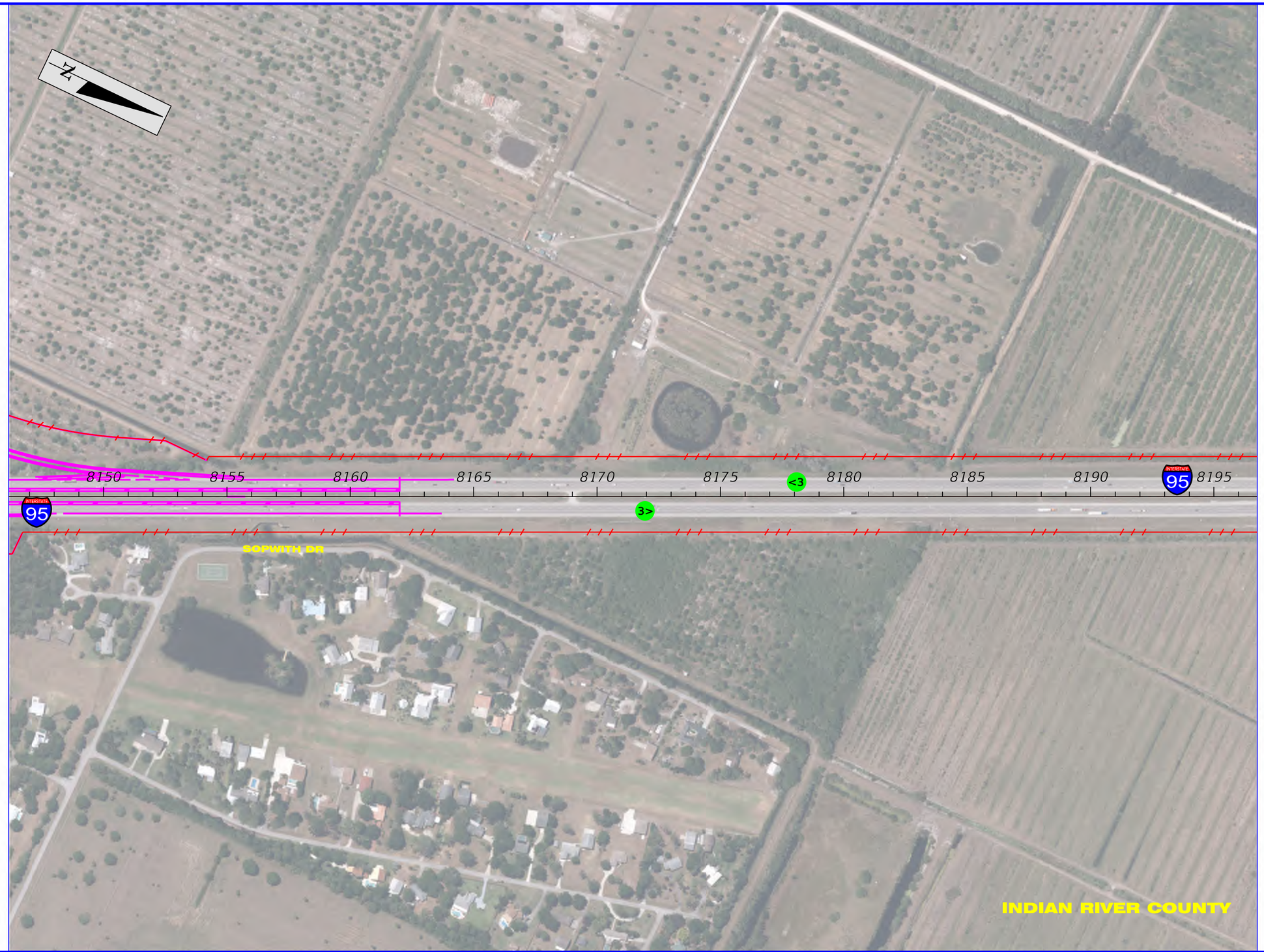
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

$USER$ $DATE$ $TIME$ $FILE$

SHEET NO.
58



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Feet

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Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

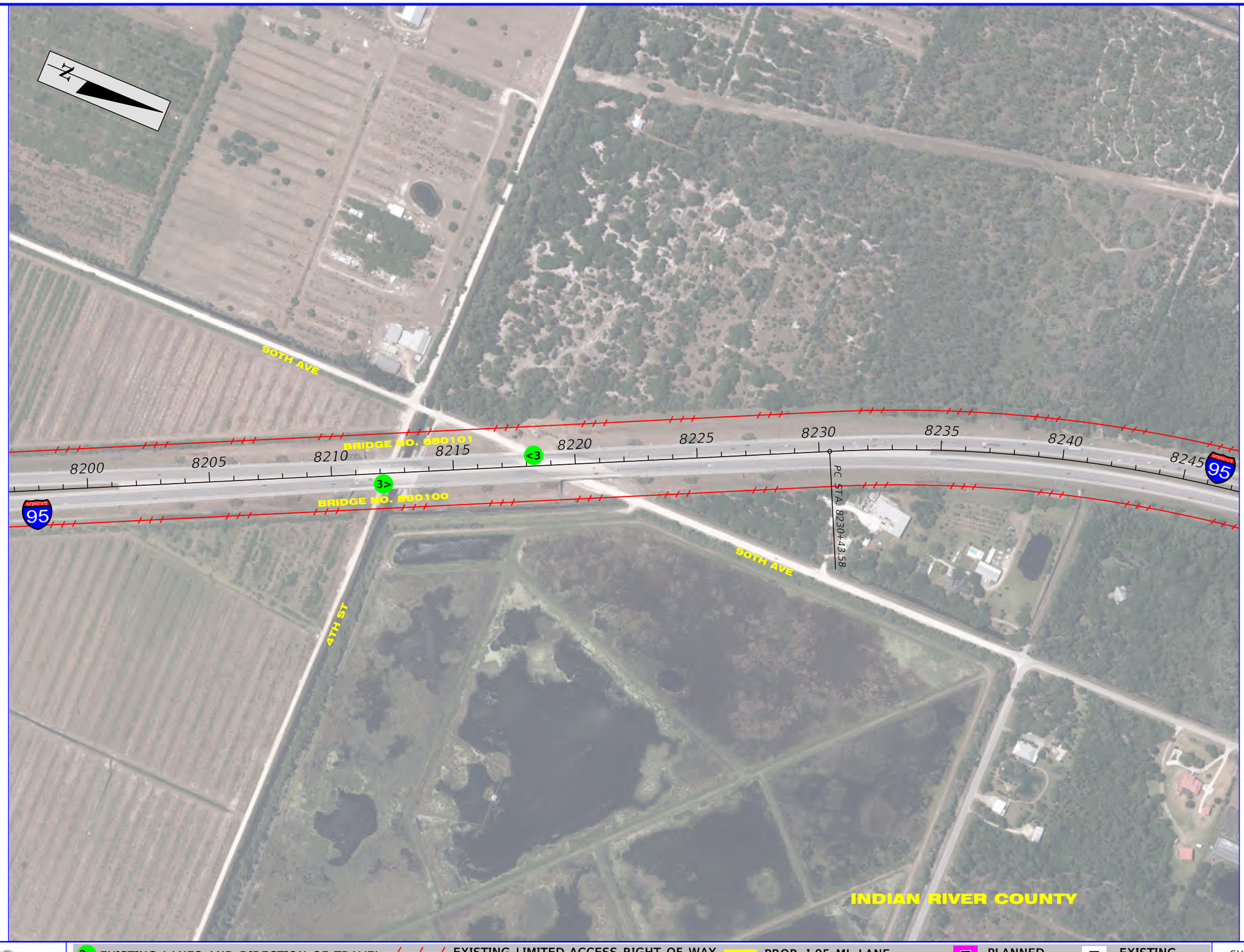
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

$USER$ $DATE$ $TIME$ $FILE$

SHEET NO.
59



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Feet

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Multimodal Master Plan
TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

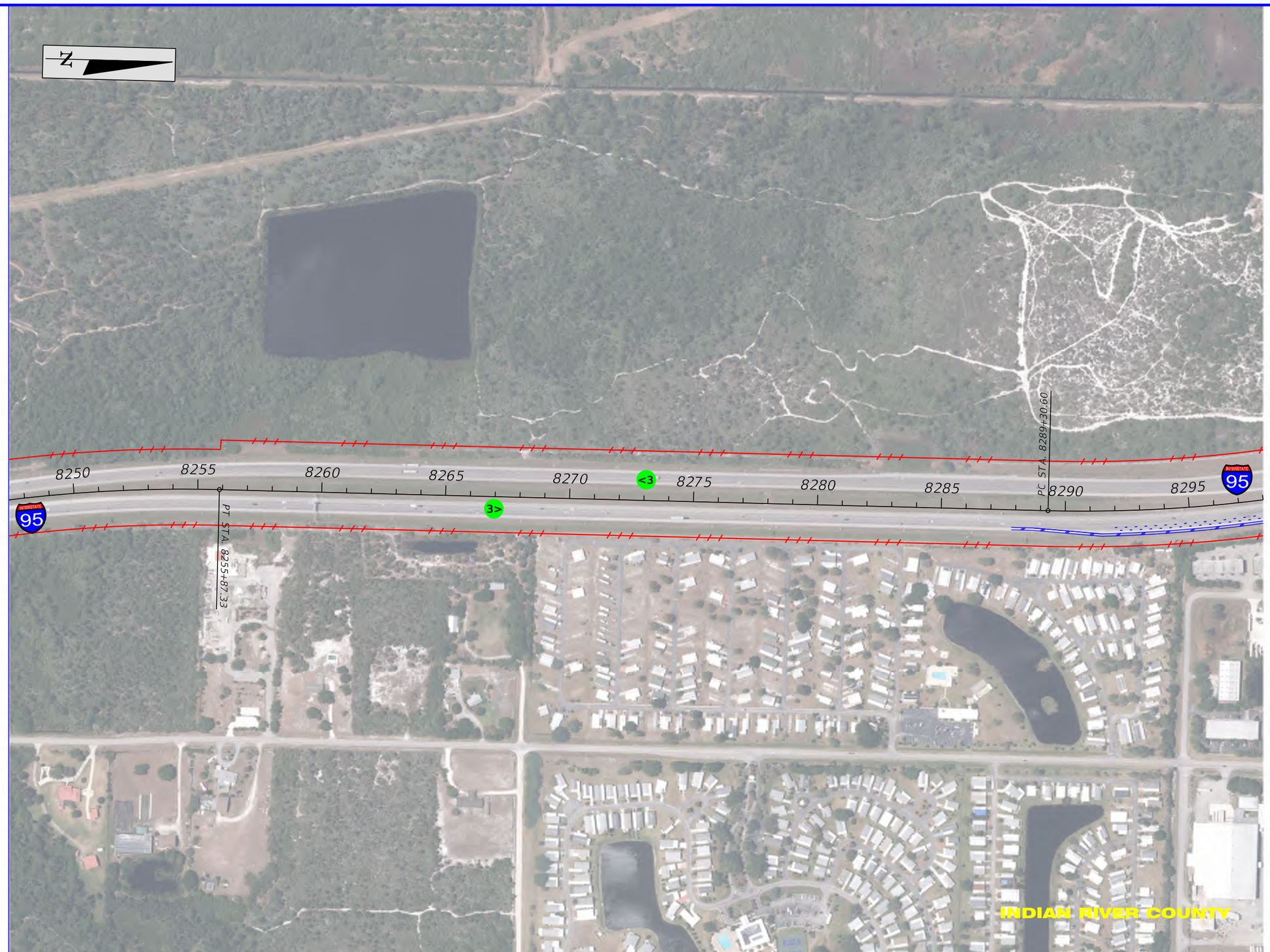
EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

$USER$ $DATE$ $TIME$ $FILE$

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Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

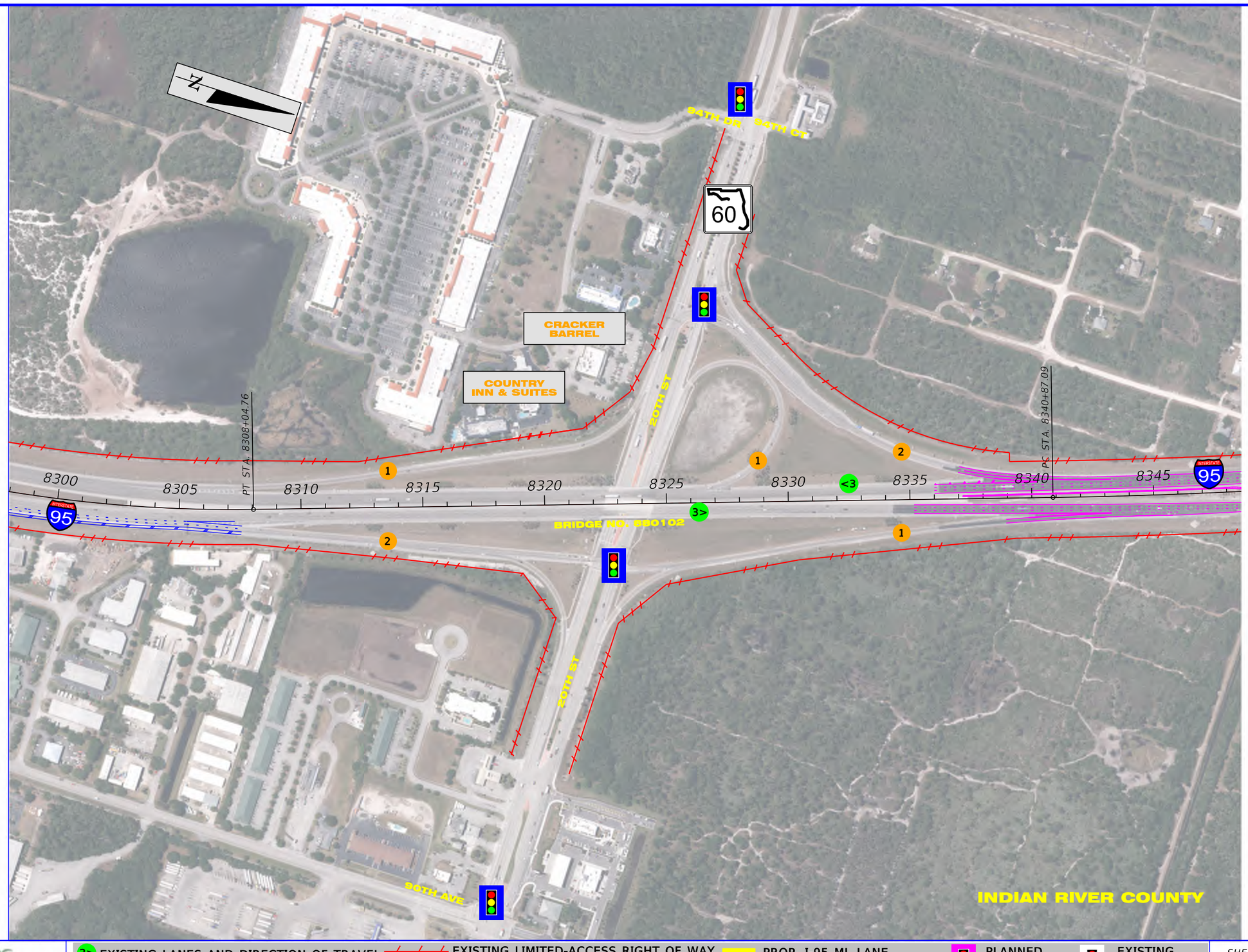
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EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
EXISTING SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

$USER$ $DATE$ $TIME$ $FILE$

SHEET NO.
61



3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

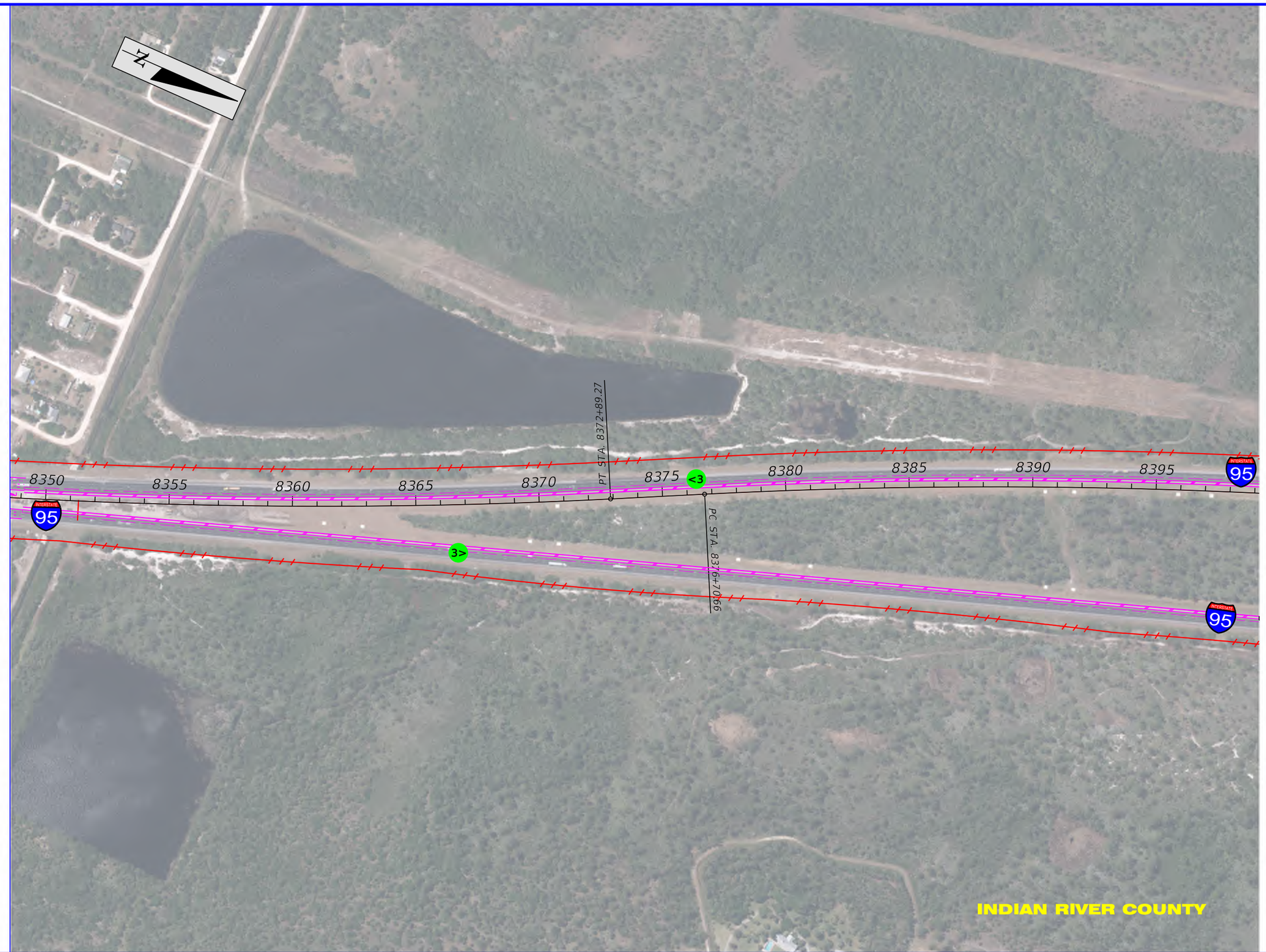
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REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

$USERS $DATES $TIMES $FILES

SHEET NO.
62



0 100 400
Feet

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Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

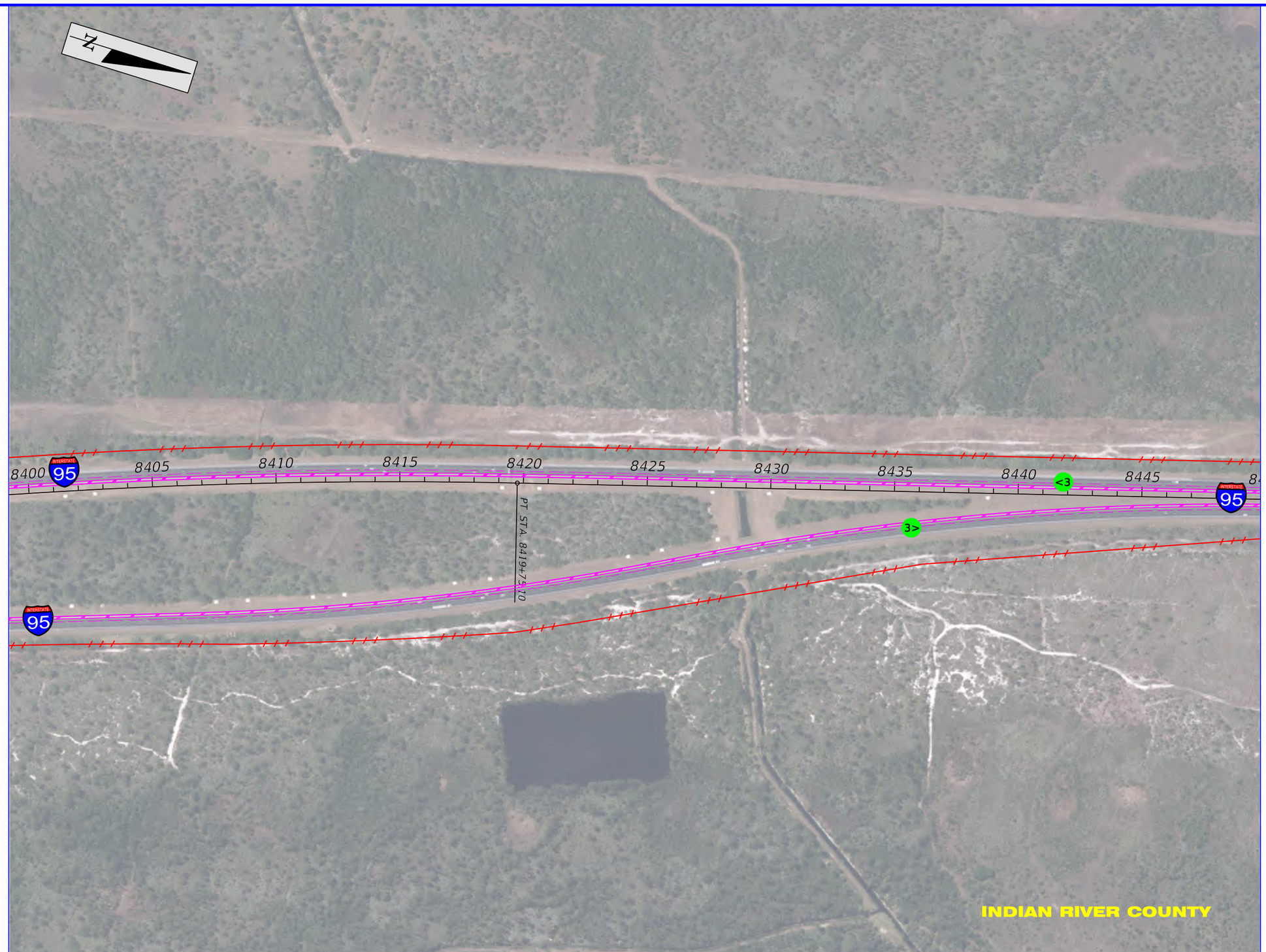
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EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

$USERS $DATES $TIMES $FILES

SHEET NO.
63



0 100 400
Feet

FDOT

Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

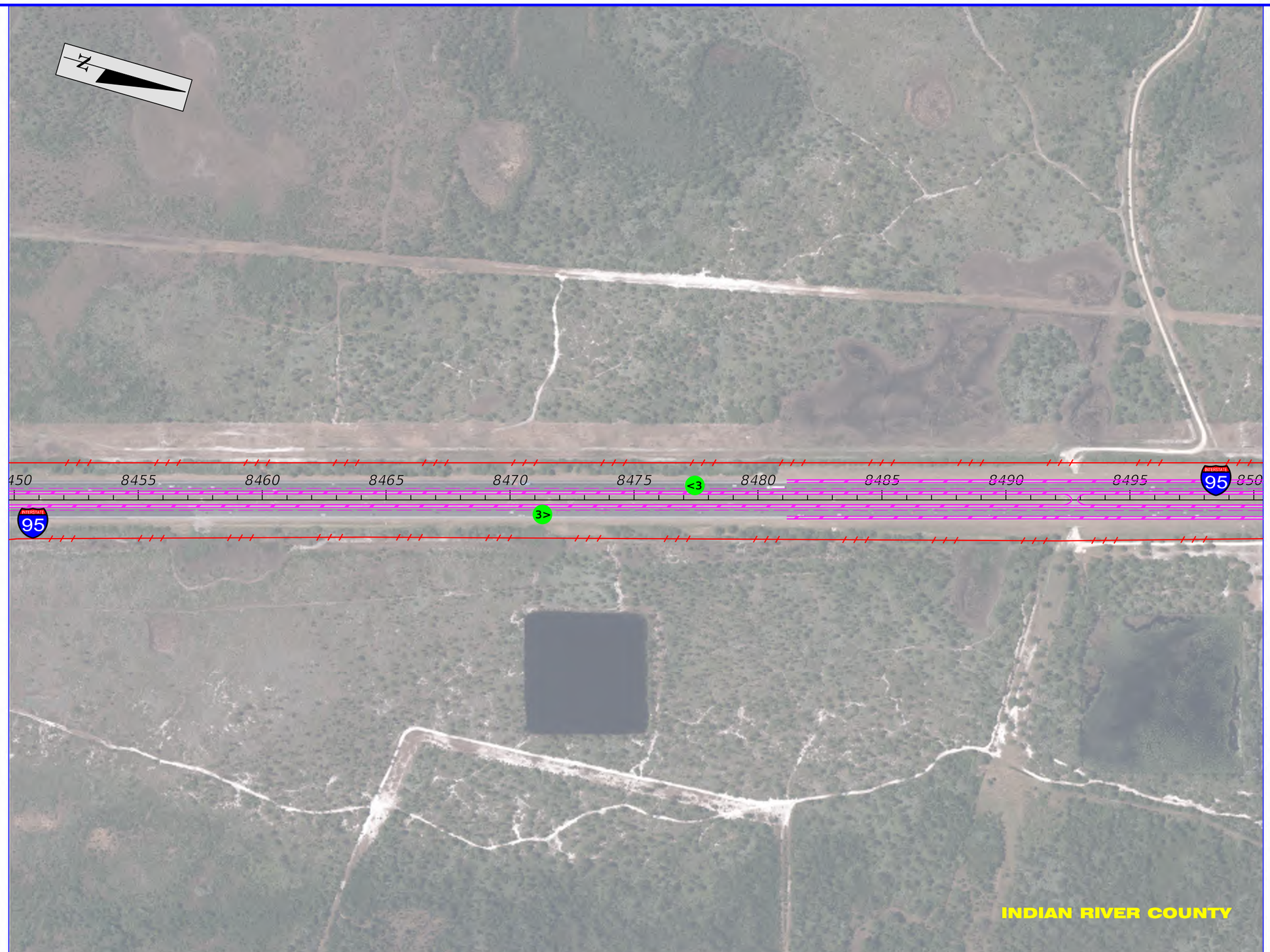
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EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
PROP. I-95 ML SHOULDER
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

$USER$ $DATE$ $TIME$ $FILE$

SHEET NO.
64



FDOT

Multimodal Master Plan TREASURE COAST

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1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

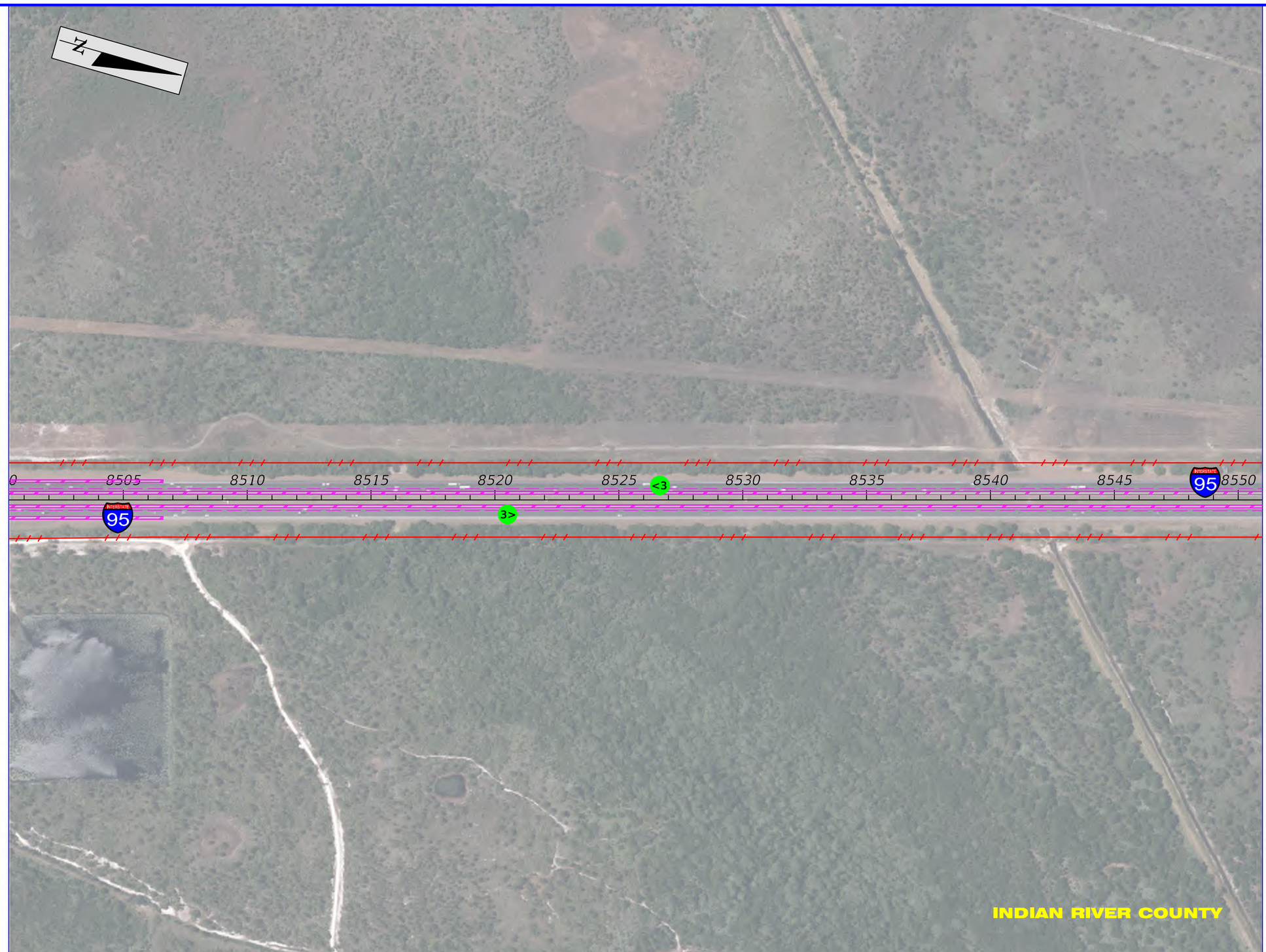
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PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

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EXISTING SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

$USER$ $DATE$ $TIME$ $FILE$

SHEET NO.
65



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Multimodal Master Plan
TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
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X LANE TO BE REMOVED

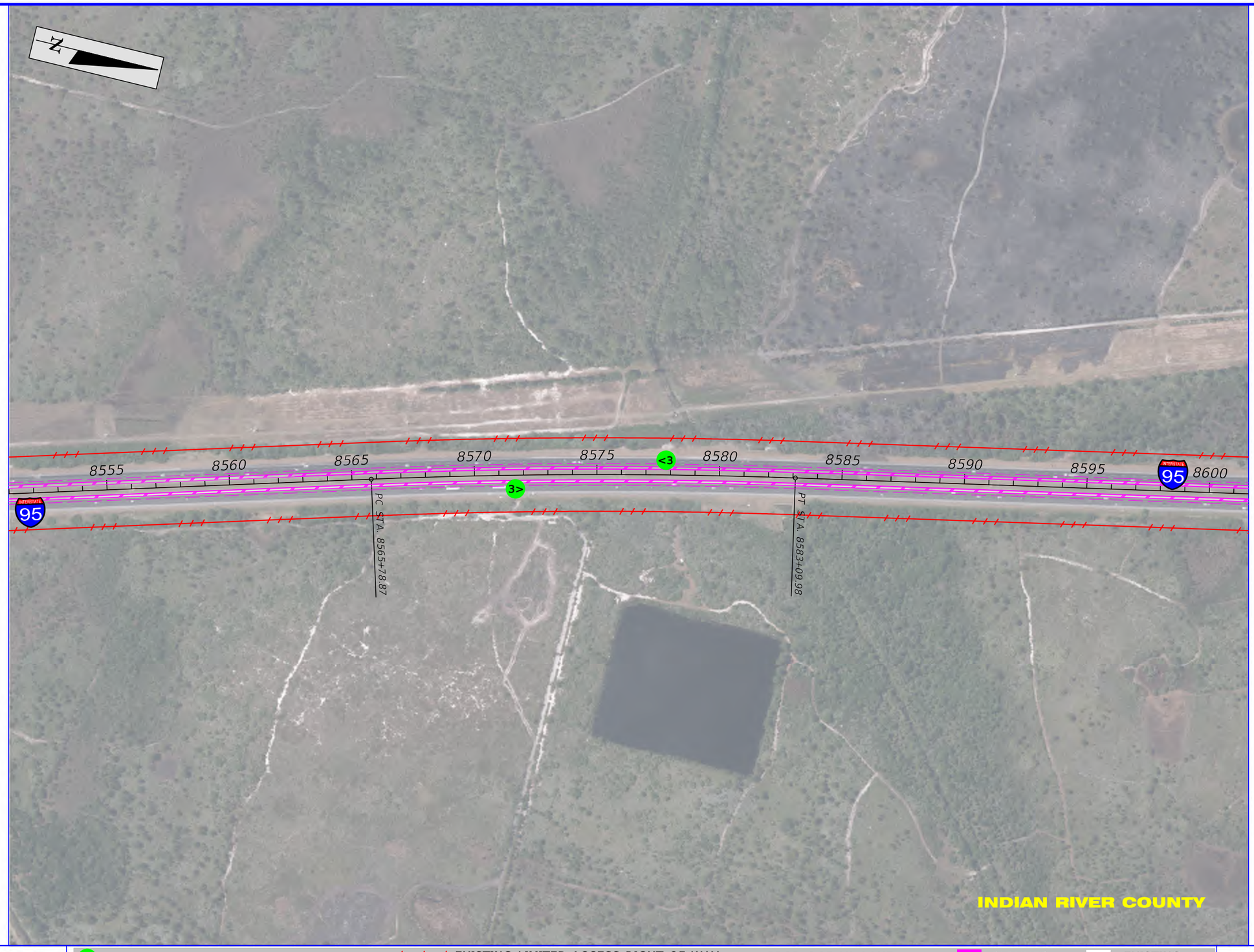
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REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

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EXISTING SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

$USER$ $DATE$ $TIME$ $FILE$

SHEET NO.
66



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95 Multimodal Master Plan TREASURE COAST

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1> LANE ADDITION AND DIRECTION OF TRAVEL
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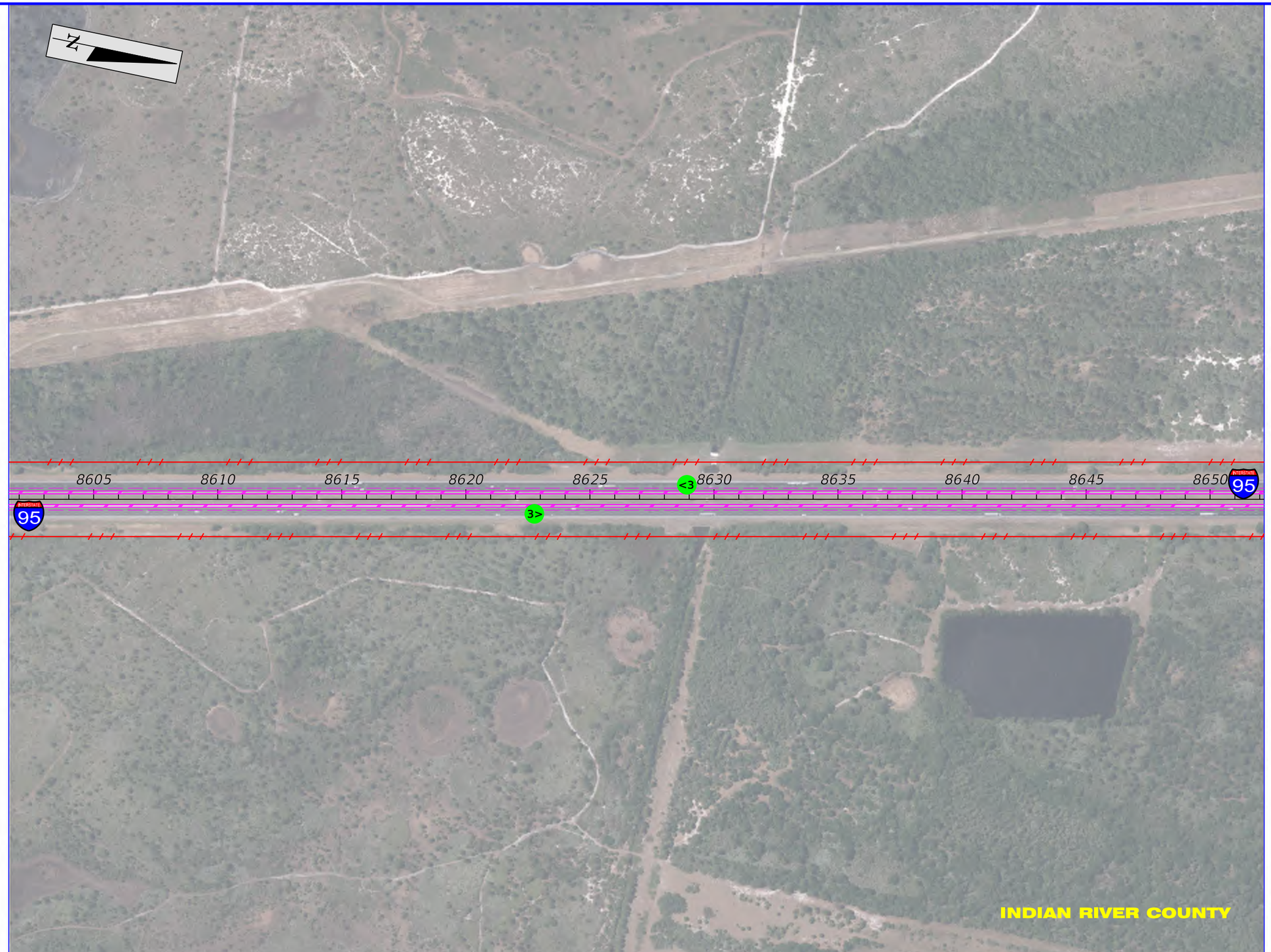
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REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

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PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

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SHEET NO.
67



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Multimodal Master Plan TREASURE COAST

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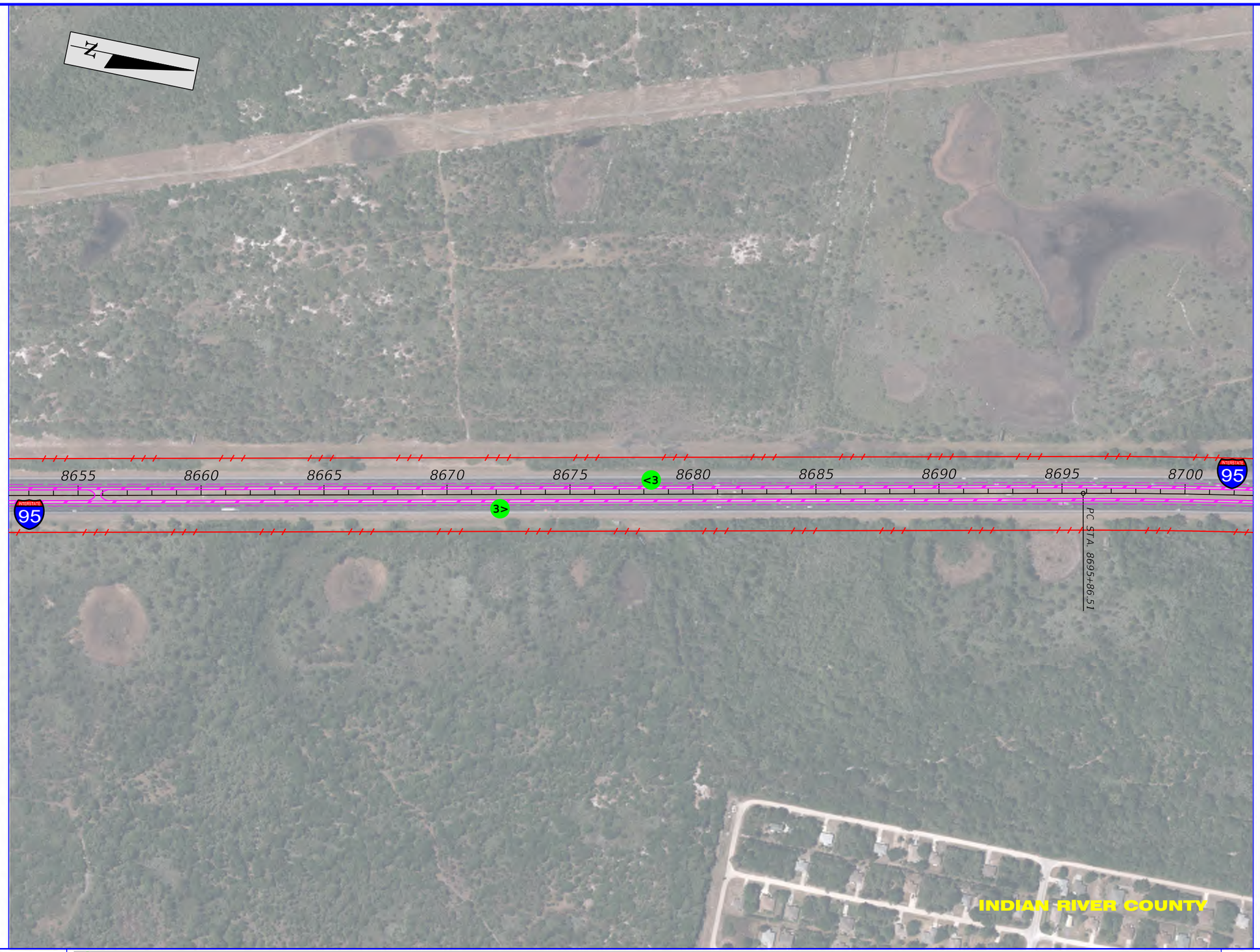
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PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

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68

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Multimodal Master Plan TREASURE COAST

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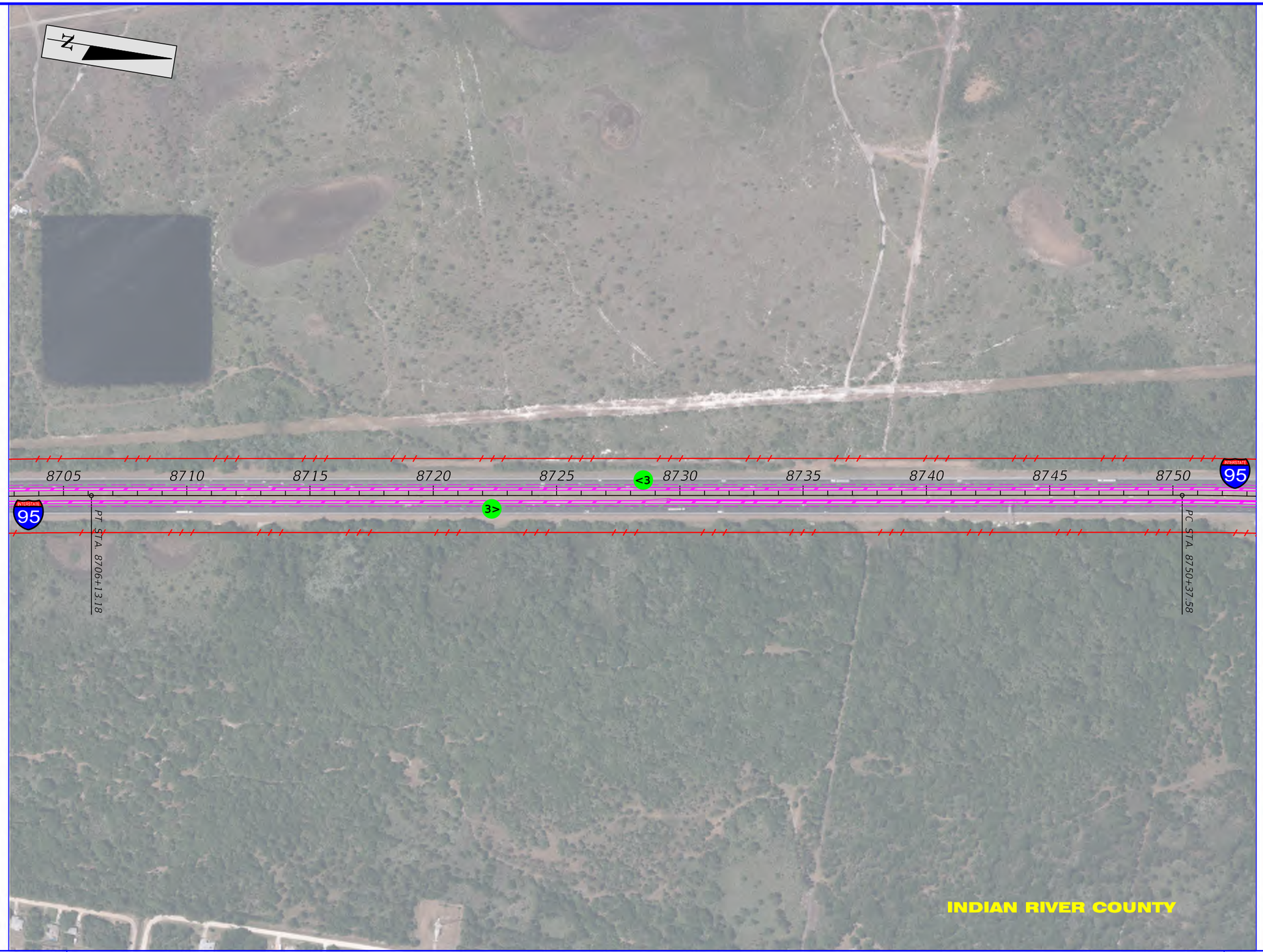
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PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
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Multimodal Master Plan TREASURE COAST

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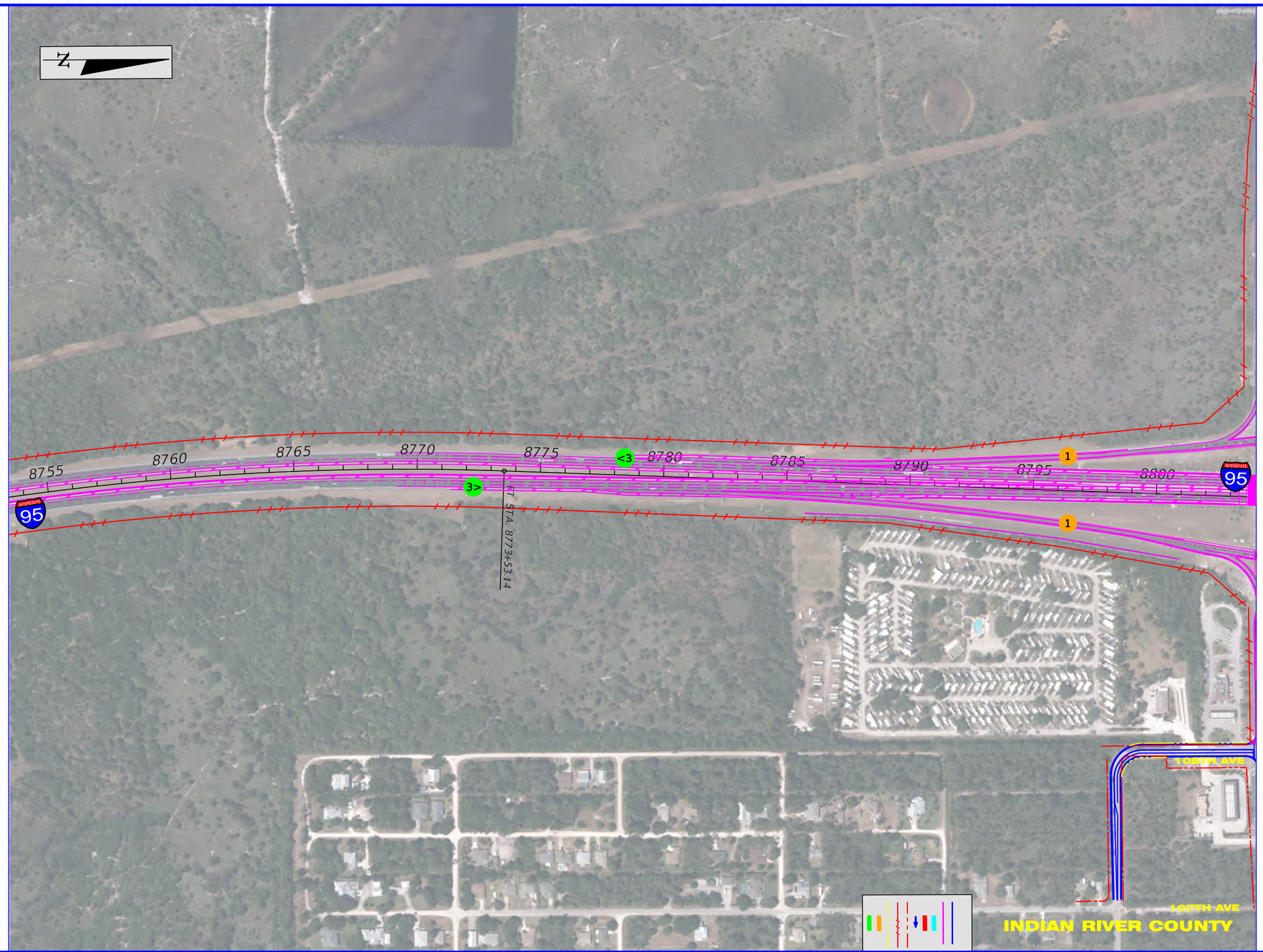
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PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
70

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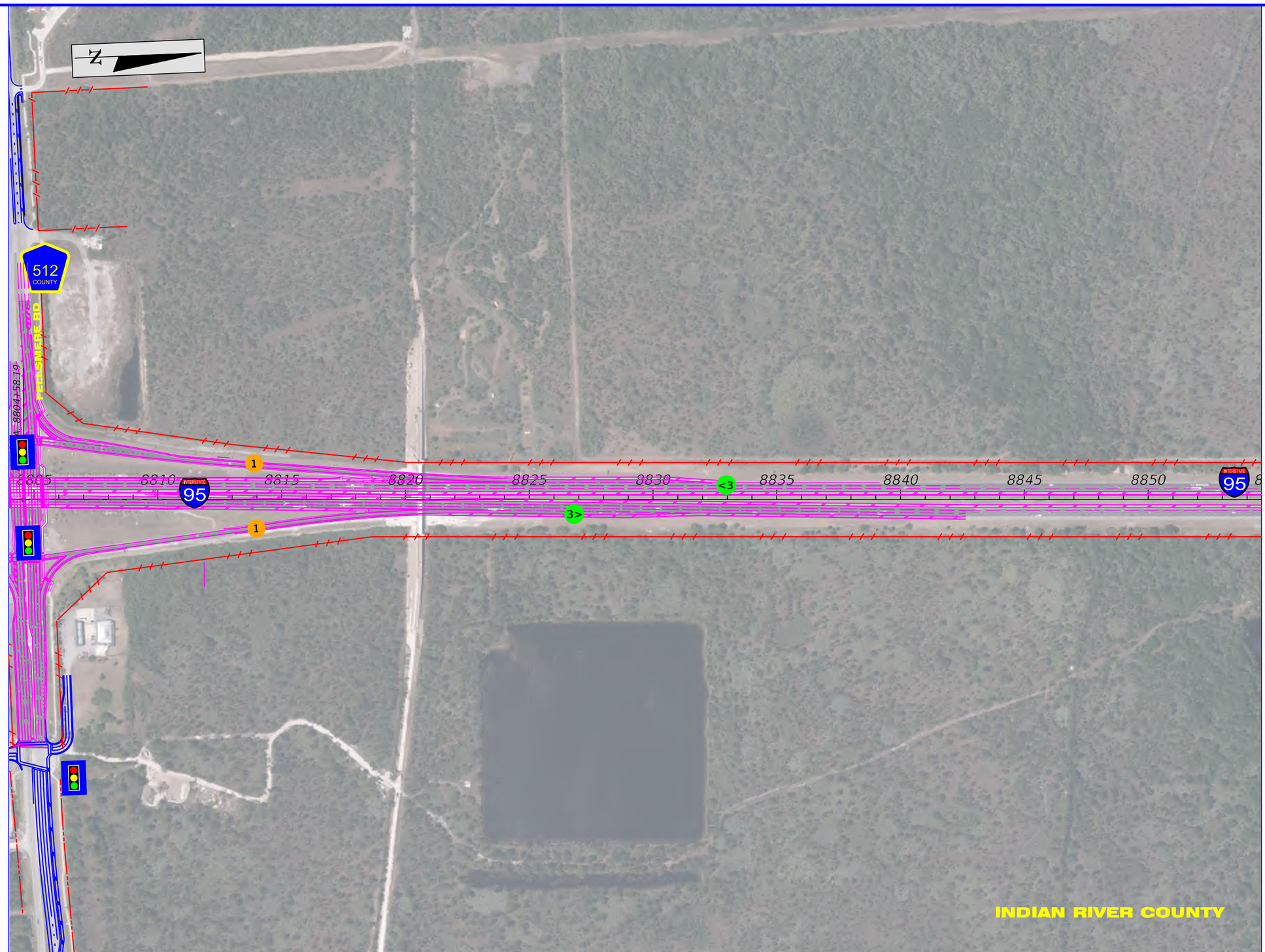
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PLANNED SIGNALIZED INTERSECTION
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EXISTING SIGNALIZED INTERSECTION

SHEET NO.
71

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Multimodal Master Plan TREASURE COAST

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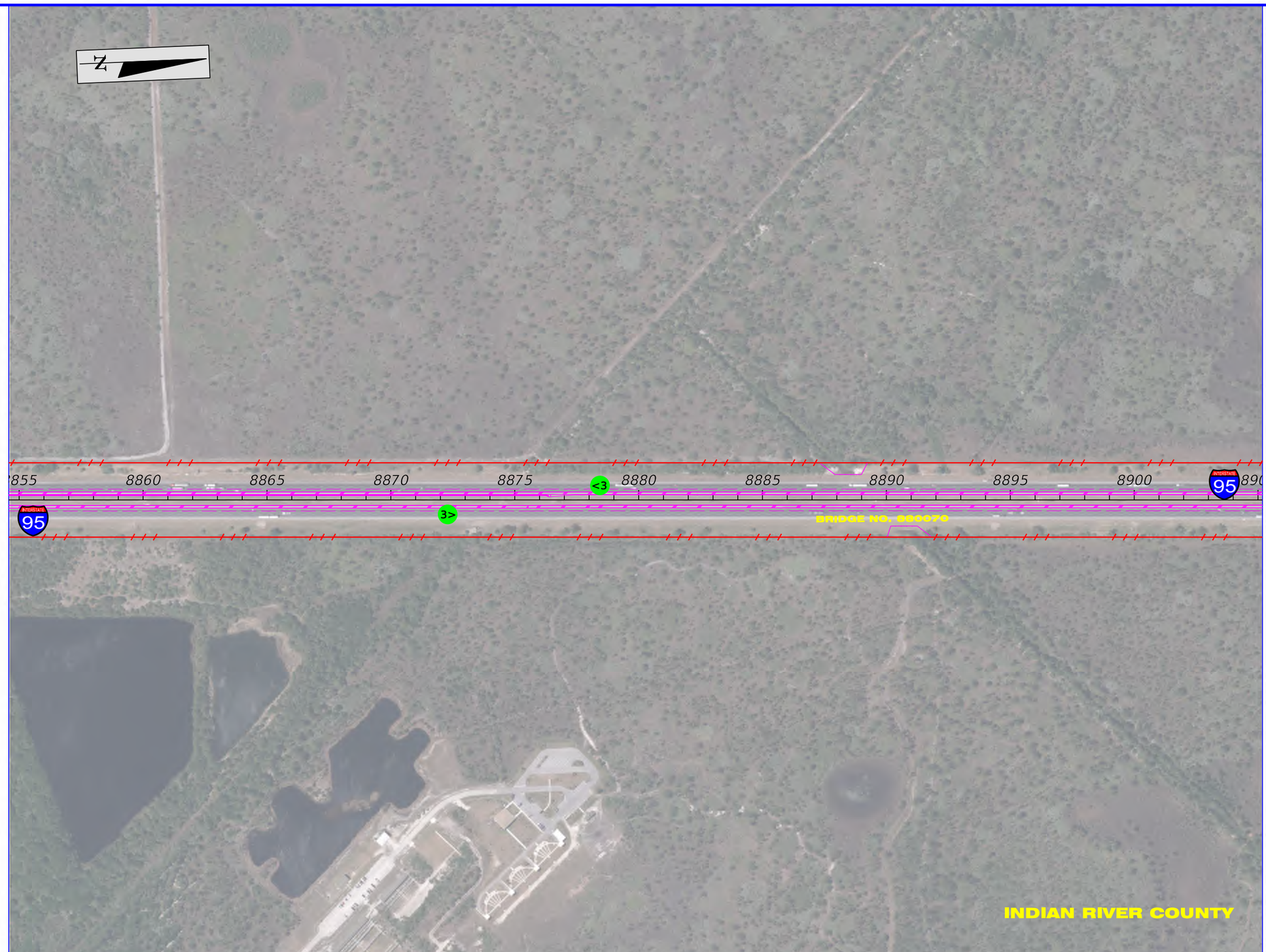
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PROP. BRIDGE REPLACEMENT
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PLANNED SIGNALIZED INTERSECTION
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PROPOSED SIGNALIZATION IMPROVEMENTS

SHEET NO.
72

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Multimodal Master Plan TREASURE COAST

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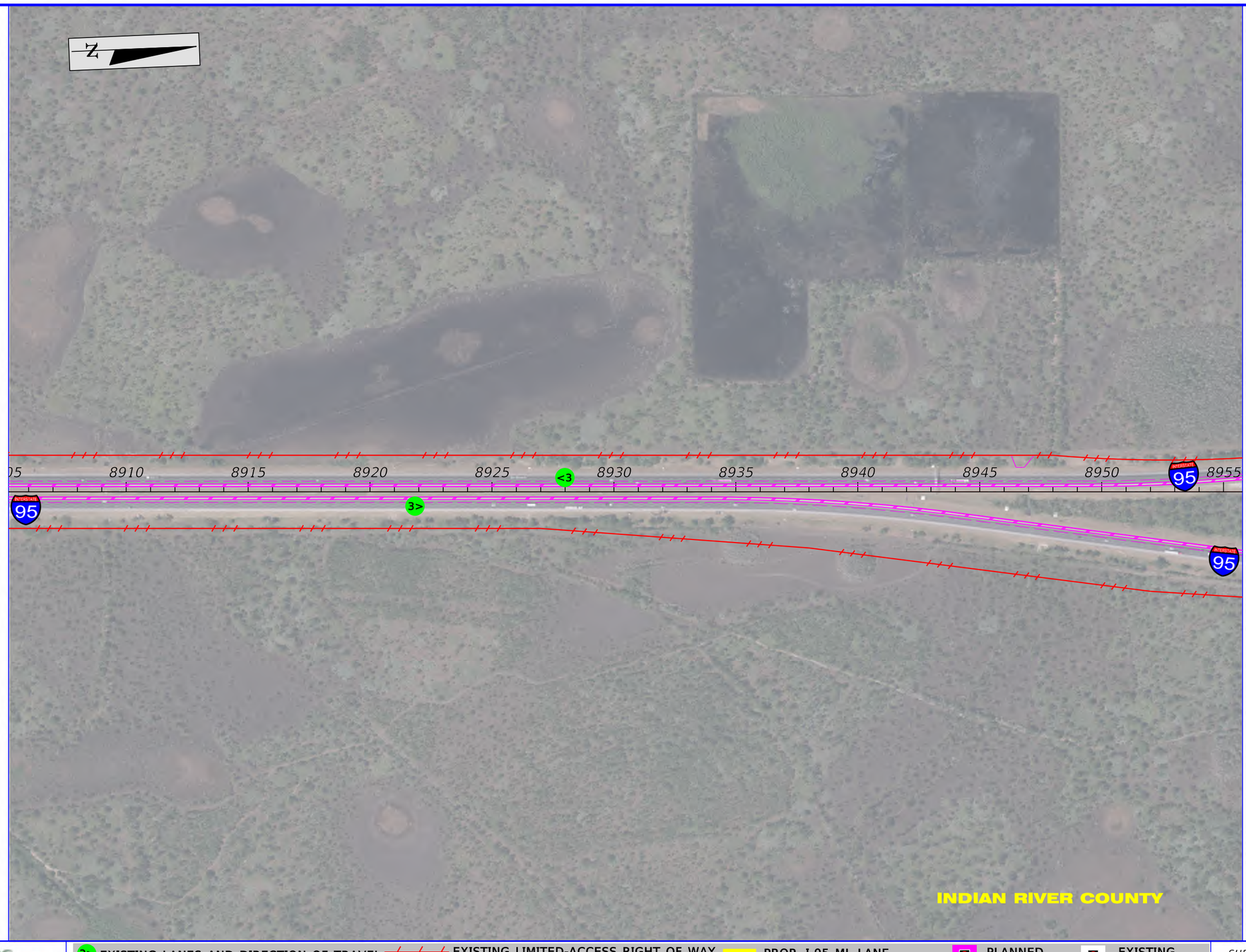
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PROP. BRIDGE REPLACEMENT
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PLANNED SIGNALIZED INTERSECTION
EXISTING SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

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73

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Feet

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Multimodal Master Plan TREASURE COAST

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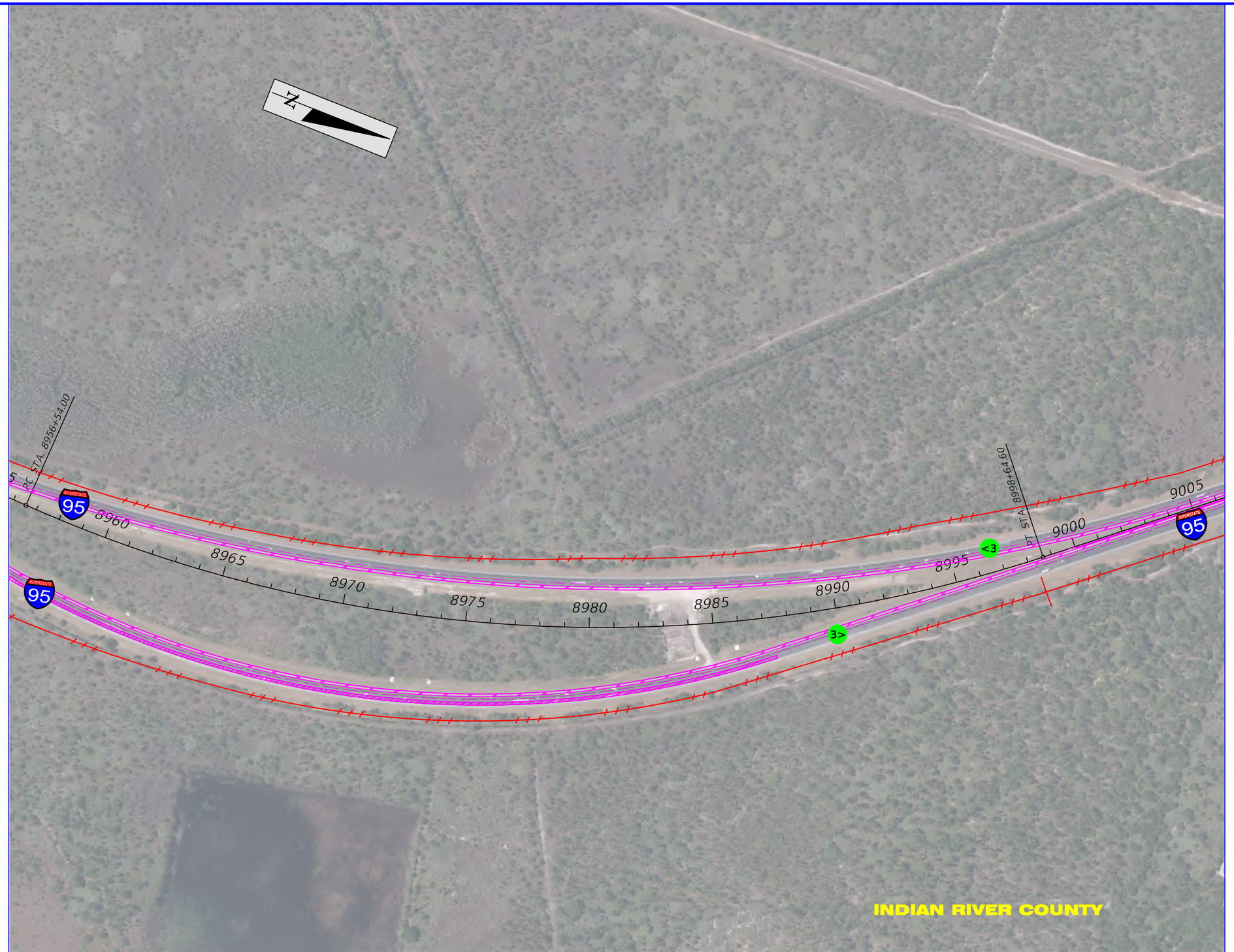
EXISTING LIMITED-ACCESS RIGHT OF WAY
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PROP. BRIDGE REPLACEMENT
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PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
74

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3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
1 FINAL NUMBER OF RAMP LANES
X LANE TO BE REMOVED

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

PROP. I-95 ML LANE
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PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

SHEET NO.
75

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Feet

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Multimodal Master Plan TREASURE COAST

3> EXISTING LANES AND DIRECTION OF TRAVEL
1> LANE ADDITION AND DIRECTION OF TRAVEL
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X LANE TO BE REMOVED

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING

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PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

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EXISTING SIGNALIZED INTERSECTION

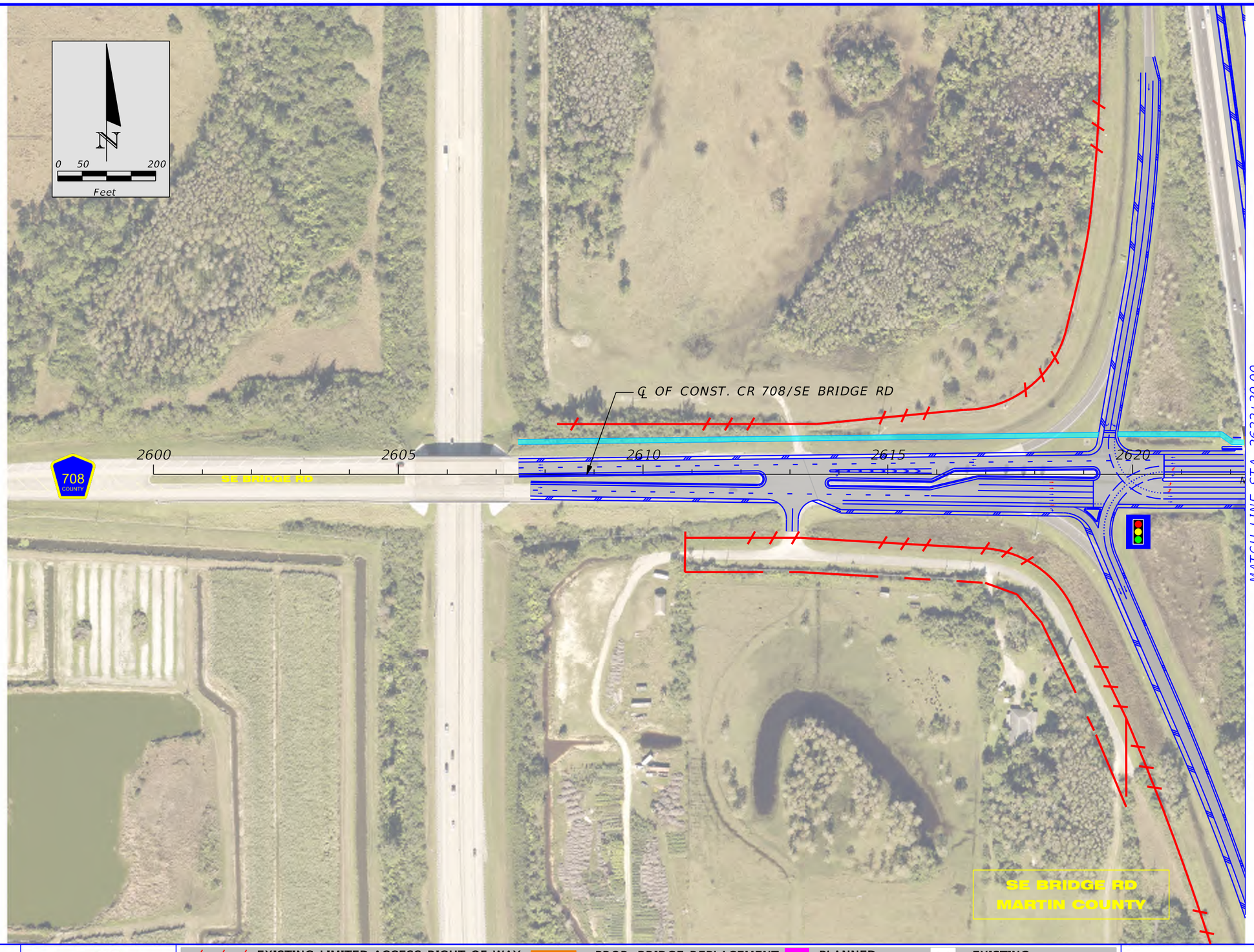
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76

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Appendix C

Concept Plans – Cross Roads

- CR 708 / SE Bridge Road
- SR 76 / SW Kanner Highway
- CR 714 / SR 714 / SW Martin Highway
- SW Becker Road
- Tradition Parkway / Gatlin Boulevard
- Crosstown Parkway
- St. Lucie West Boulevard
- CR 712 / Midway Road
- SR 70 / Okeechobee Road
- SR 68 / Orange Avenue
- CR 606 / Oslo Road
- CR 512 / Fellsmere Road



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Multimodal Master Plan TREASURE COAST

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

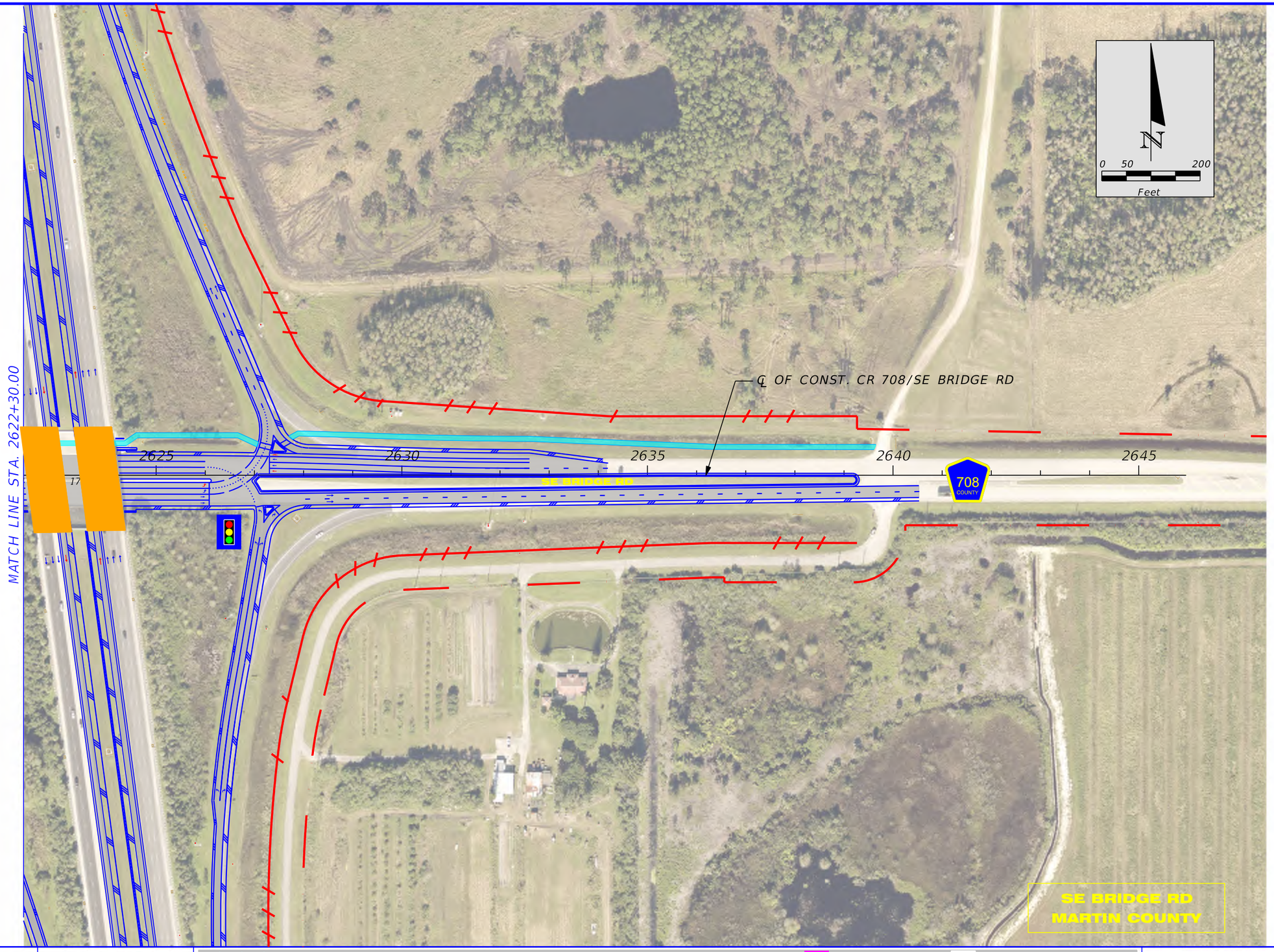
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EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

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95 Multimodal Master Plan TREASURE COAST

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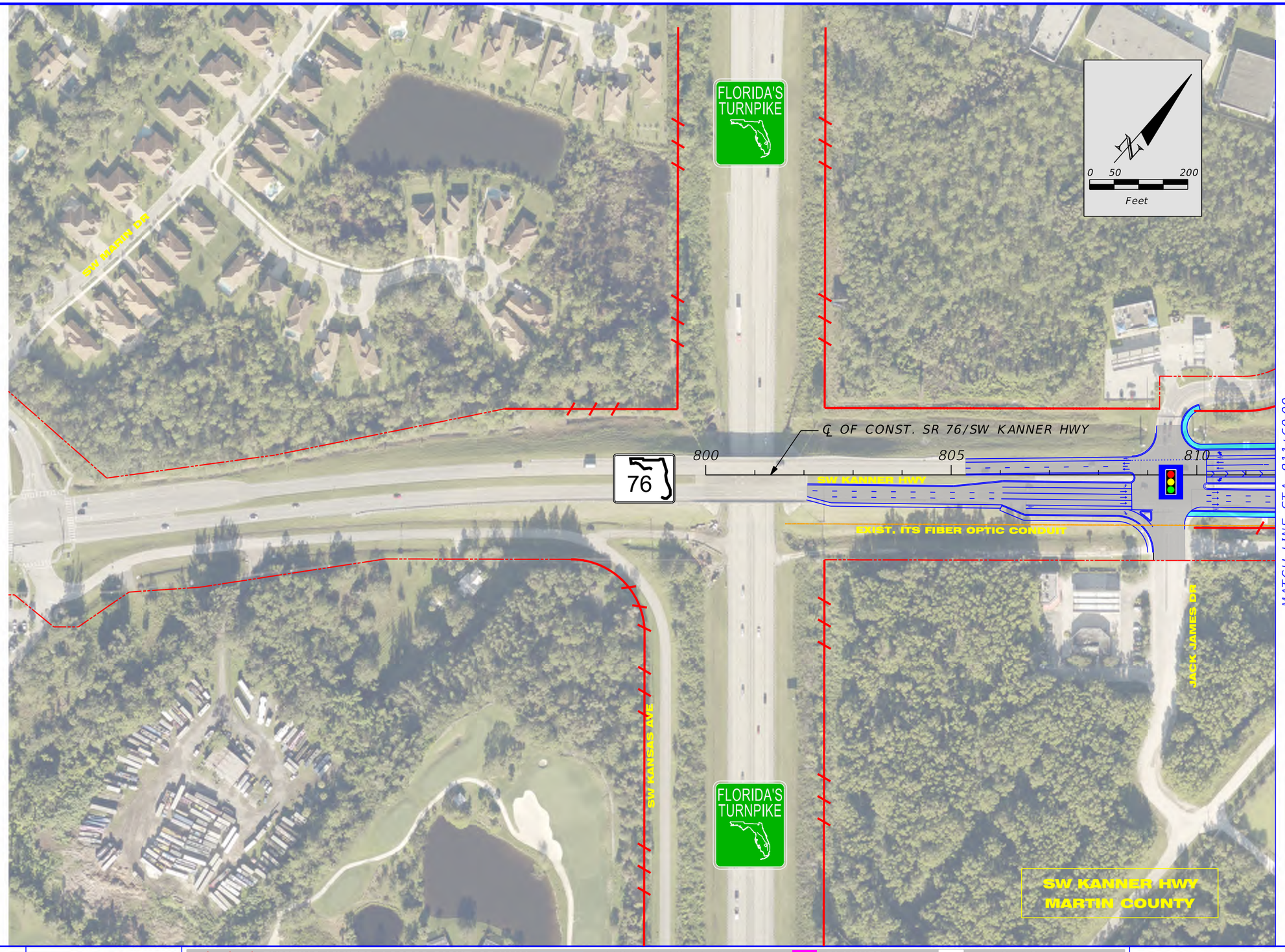
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PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 2



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CROSSROADS PLAN SHEETS

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TREASURE COAST COMMERCE CENTER

INTERSTATE 95

COURTYARD MARRIOTT

CRACKER BARREL

CHEVRON GAS STATION

LOST RIVER RD

PROP. PARK AND RIDE

N 48° 53' 10" E

815

820

825

830

835

EXIST. ITS FIBER OPTIC CONDUIT

℄ OF CONST. SR 76/SW KANNER HWY

SW KANNER HWY

MATCH LINE STA. 811+60.00

MATCH LINE STA. 838+80.00

SHOPPING CENTER

LOST RIVER RD

INTERSTATE 95

0 50 200

Feet

SW KANNER HWY
MARTIN COUNTY

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

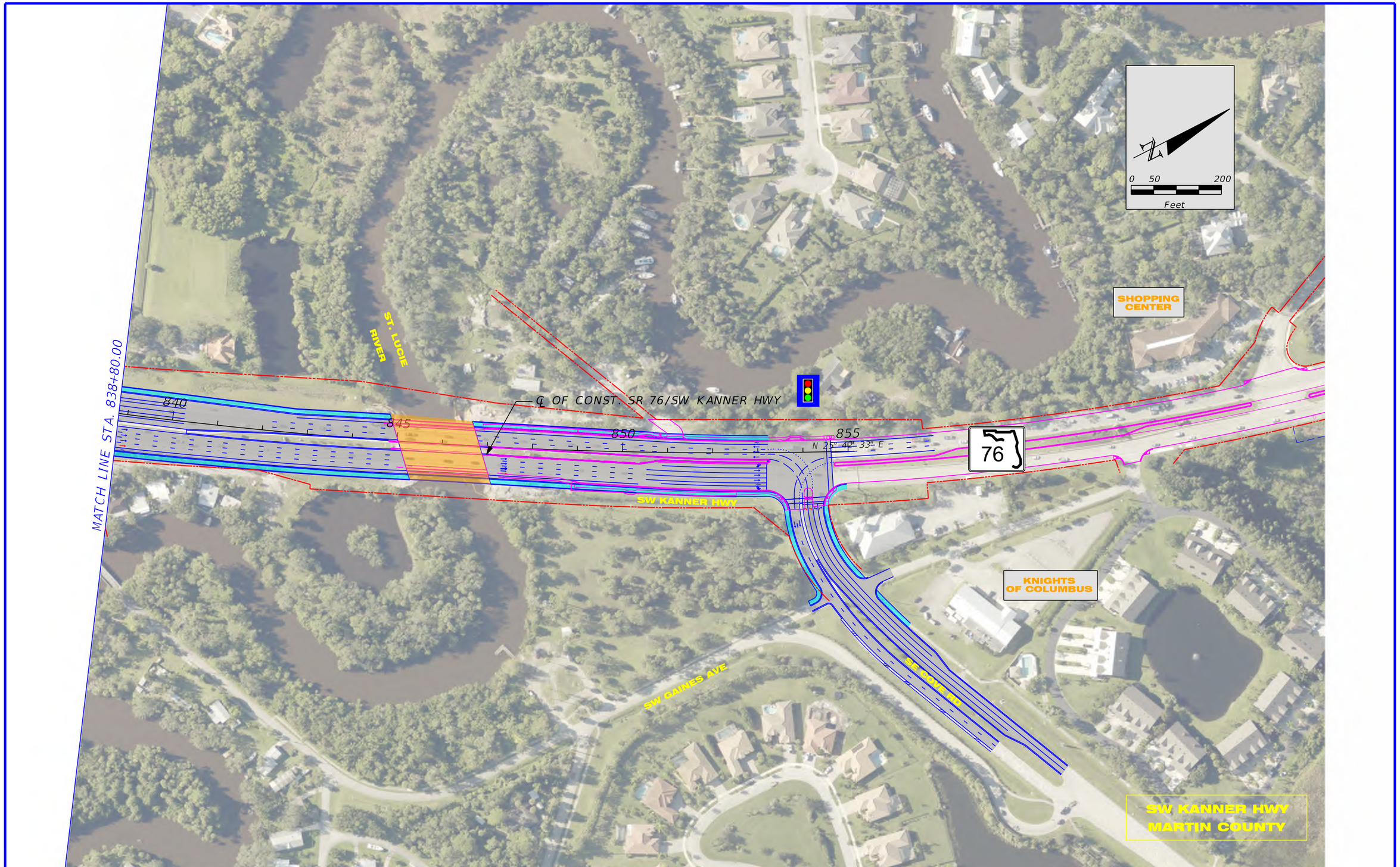
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PROP. BRIDGE WIDENING
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PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

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CROSSROADS PLAN SHEETS

SHEET NO. 2



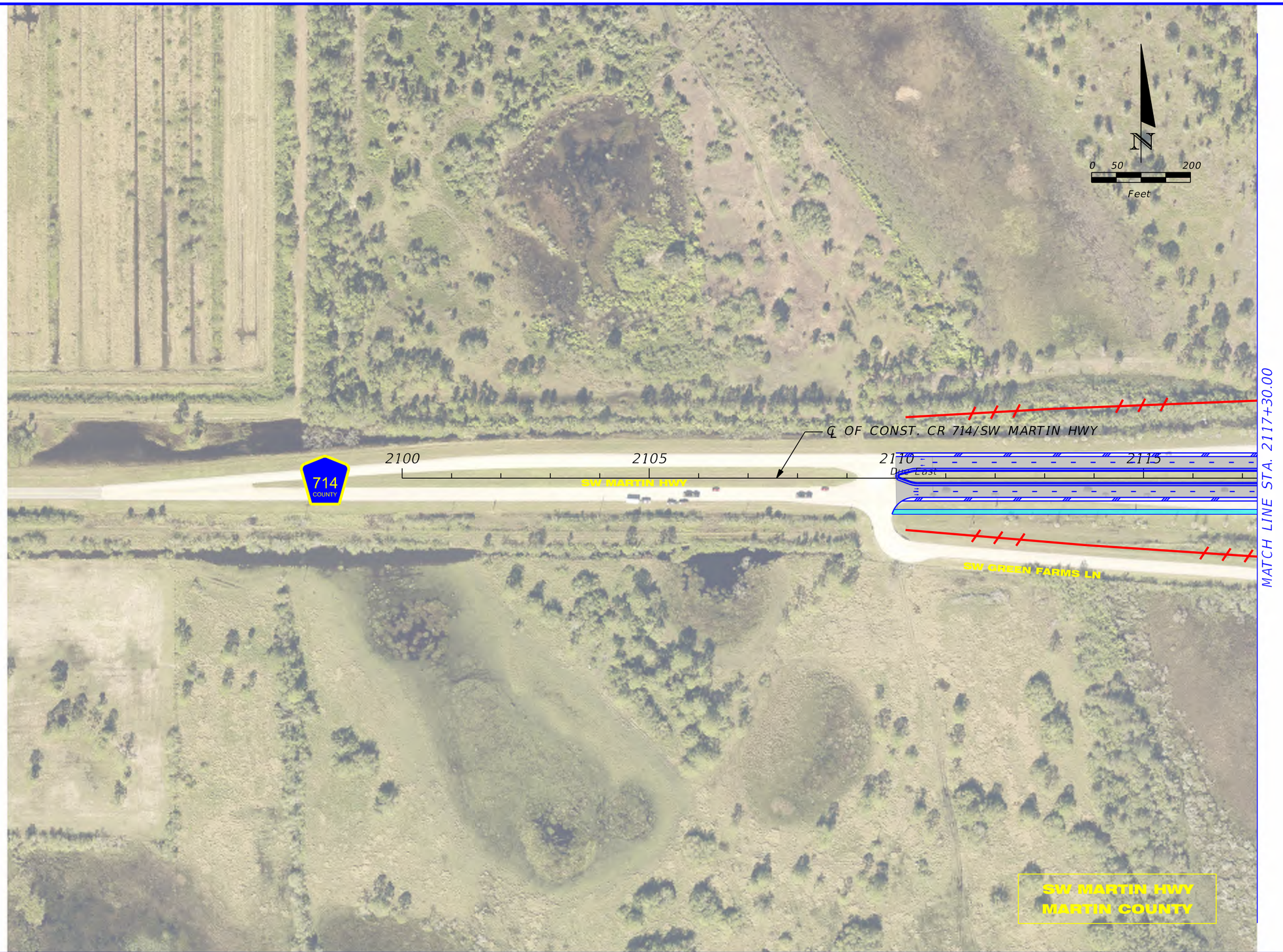
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CROSSROADS PLAN SHEETS

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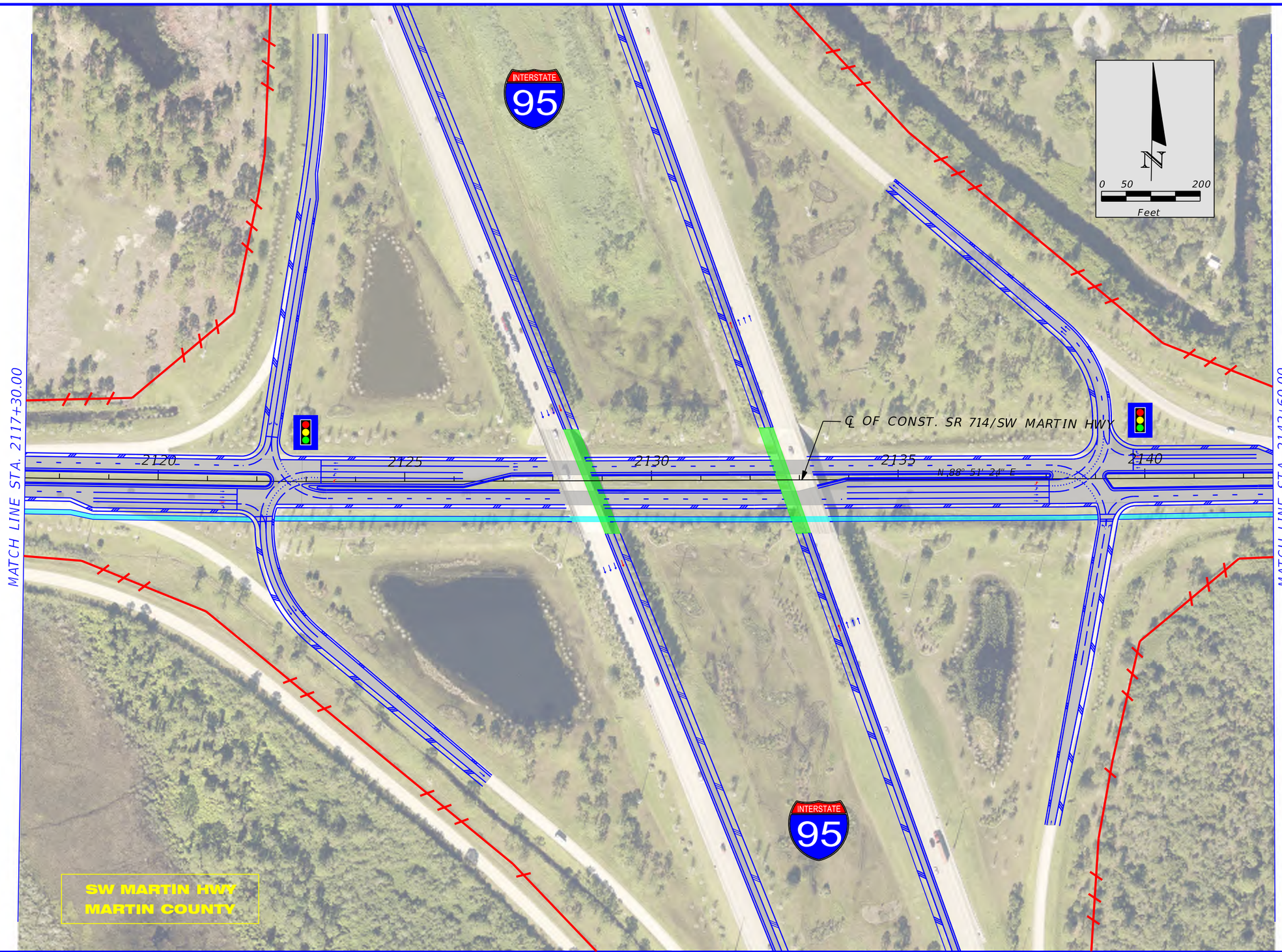
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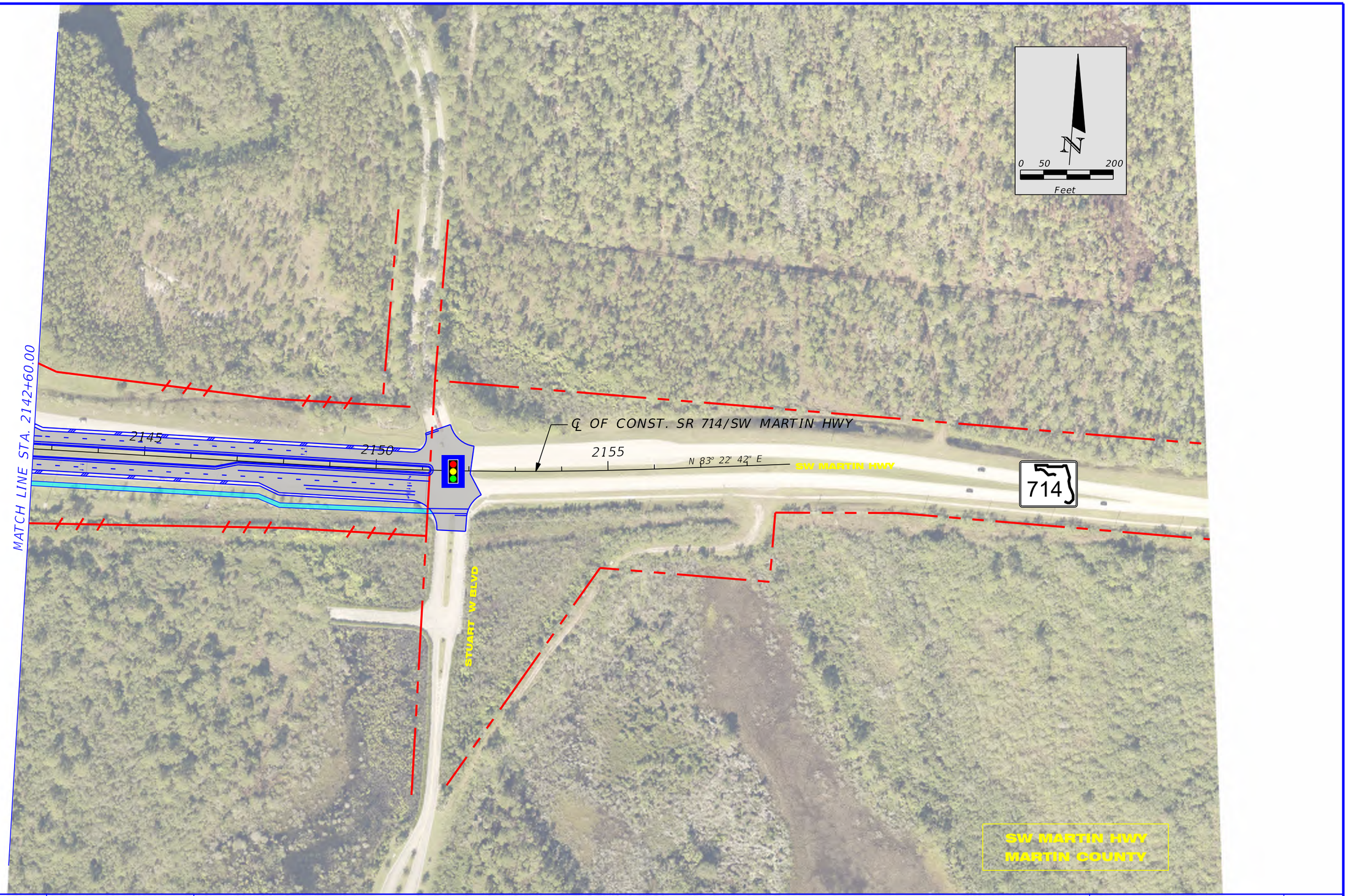
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PROPOSED SIGNALIZATION IMPROVEMENTS

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CROSSROADS PLAN SHEETS

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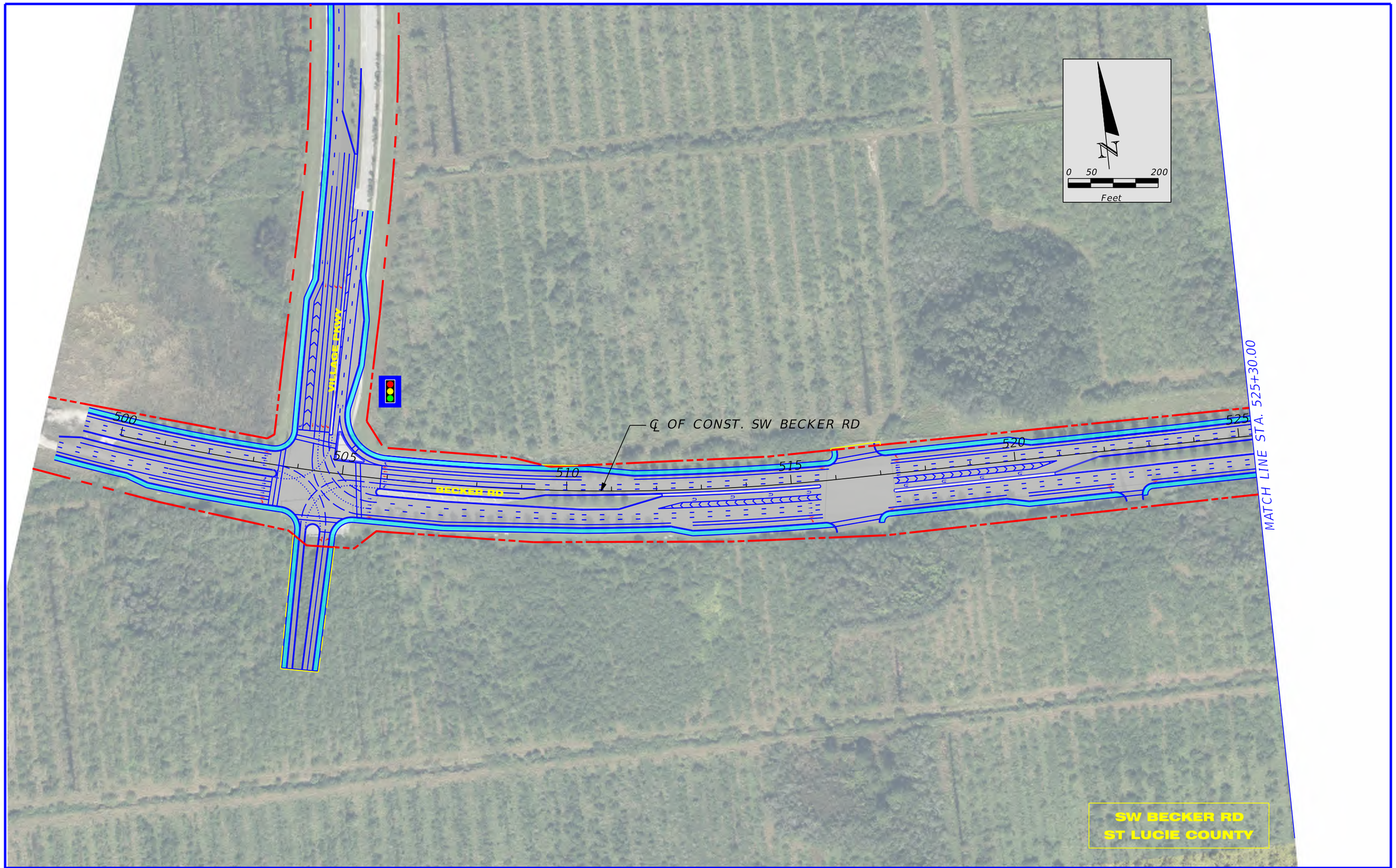
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CROSSROADS PLAN SHEETS

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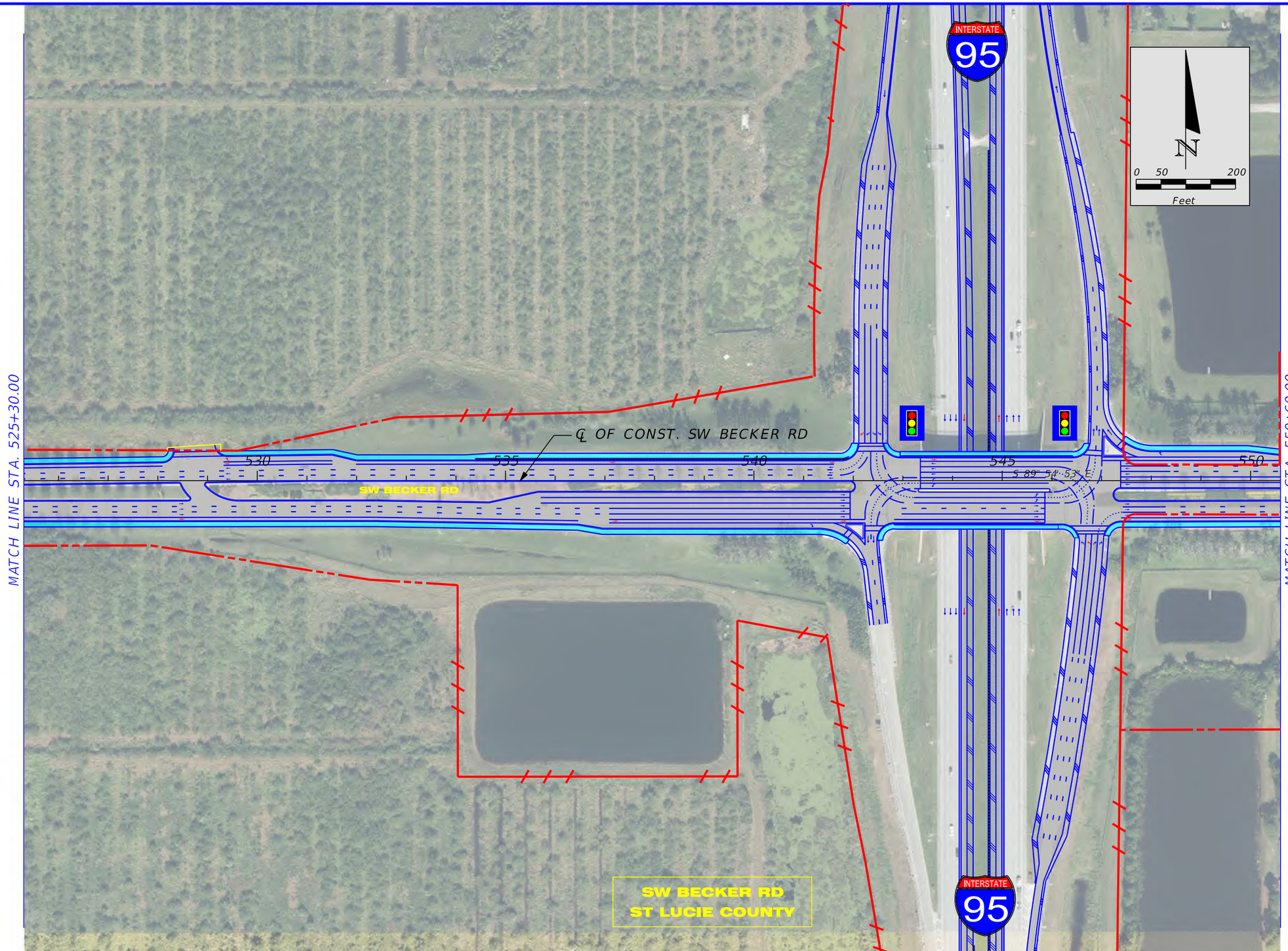
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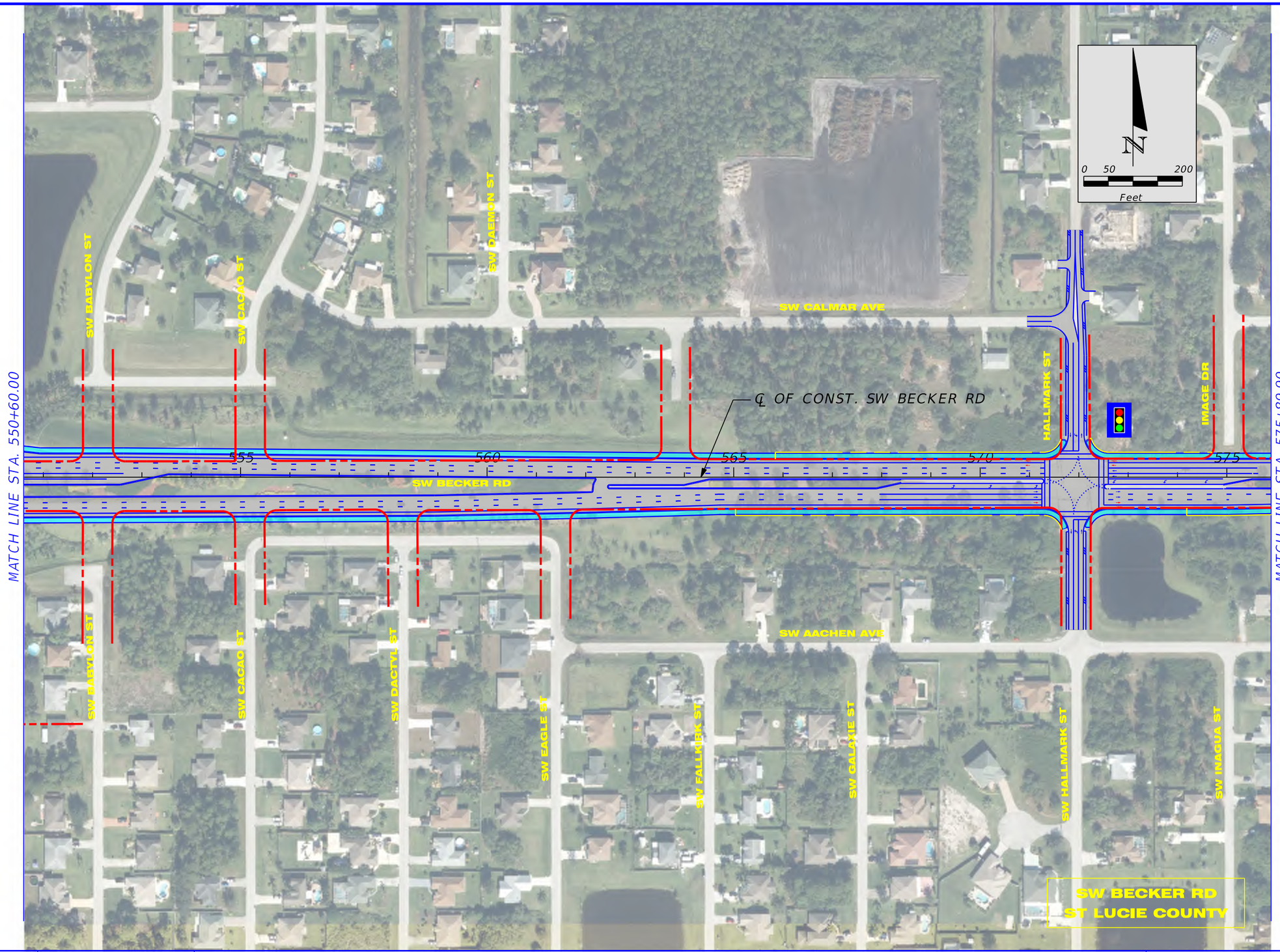
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- PROP. BRIDGE WIDENING
- PROP. SIDEWALK/ SHARED USED PATH
- PROP. PAVED SHLDR.
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS
- EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 3

CGALLARD 5/1/2019 1:33:27 PM PW:\

MATCH LINE STA. 575+89.90

℄ OF CONST. SW BECKER RD

500 585 590

SW BECKER RD S 89° 54' 53" E

SW CALMAR AVE

SW EDINBURGH DR

SW MASEFIELD ST

SW SAVONA BLVD

SW KEATS ST

SW LACKAWANNA ST

SW JOFFRE ST

SW MONACO ST

N

0 50 200

Feet

SW BECKER RD
ST LUCIE COUNTY

FDOT

Multimodal Master Plan TREASURE COAST

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 4

CGALLARD 5/7/2019 4:06:03 PM PW:\



FDOT

I-95 Multimodal Master Plan TREASURE COAST

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 1

CGALLARD 5/7/2019 4:06:54 PM PW:\

PANERA BREAD

THE LANDING SHOPPING CENTER

OLIVE GARDEN

LONGHORN STEAKHOUSE

N

0 50 200

Feet

MATCH LINE STA. 597+00.00

MATCH LINE STA. 622+30.00

℄ OF CONST. TRADITION PKWY

600 605 610 615 620

TRADITION PKWY

SW VILLAGE PKWY

WAWA GAS STATION

RECOVERY SPORTS GRILL

HOMEWOOD SUITES

TRADITION MEDICAL CENTER

TRADITION PKWY
ST LUCIE COUNTY

FDOT

Multimodal Master Plan TREASURE COAST

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

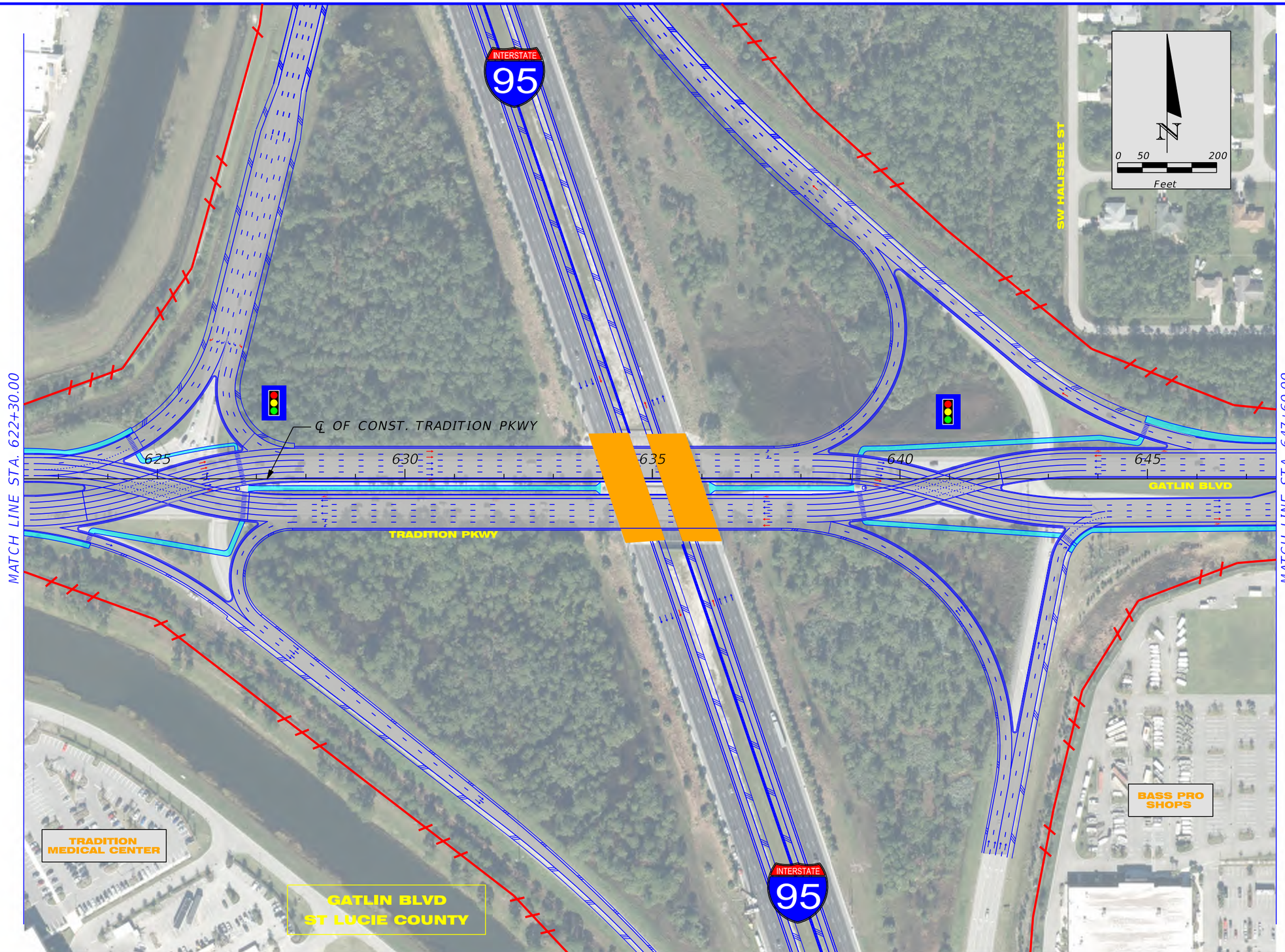
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 2



FDOT

Multimodal Master Plan TREASURE COAST

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

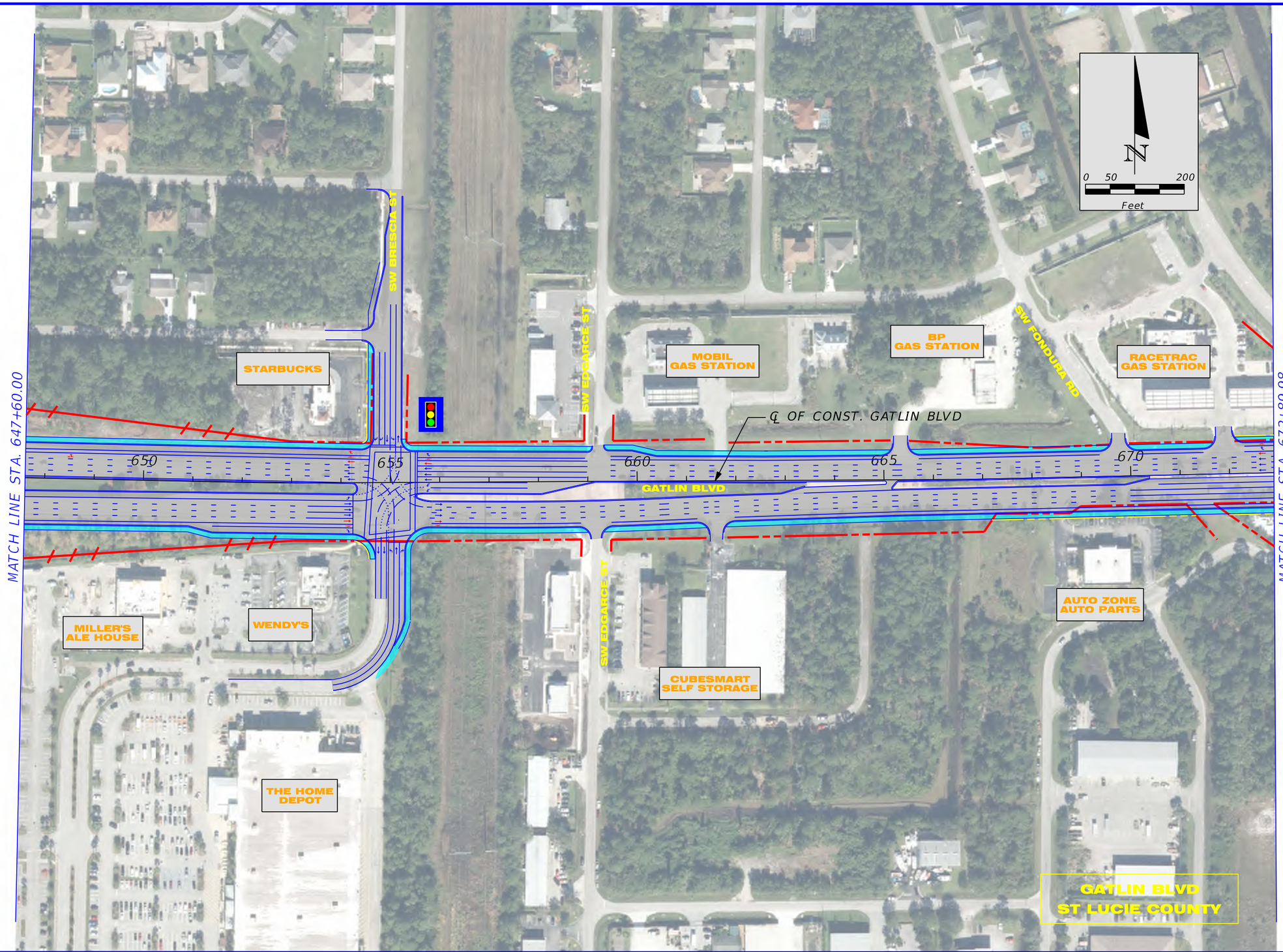
PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 3

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FDOT

Multimodal Master Plan TREASURE COAST

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
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PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

CGALLARD 5/7/2019 4:09:32 PM PW:\

CROSSROADS PLAN SHEETS

SHEET NO. 4

MATCH LINE STA. 672+89.98

SAVAGE BLVD

SW KENSINGTON ST

℄ OF CONST. GATLIN BLVD

675

680

685

690

GATLIN BLVD

WALGREENS

CHEVRON GAS STATION

SW FONDURA RD

SW CASELLA ST

SW BUCKHART ST

BRIGANTINE PL

SELF STORAGE

WALMART SUPERCENTER

GATLIN BLVD
ST LUCIE COUNTY

N

0 50 200
Feet

FDOT

Multimodal Master Plan
TREASURE COAST

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

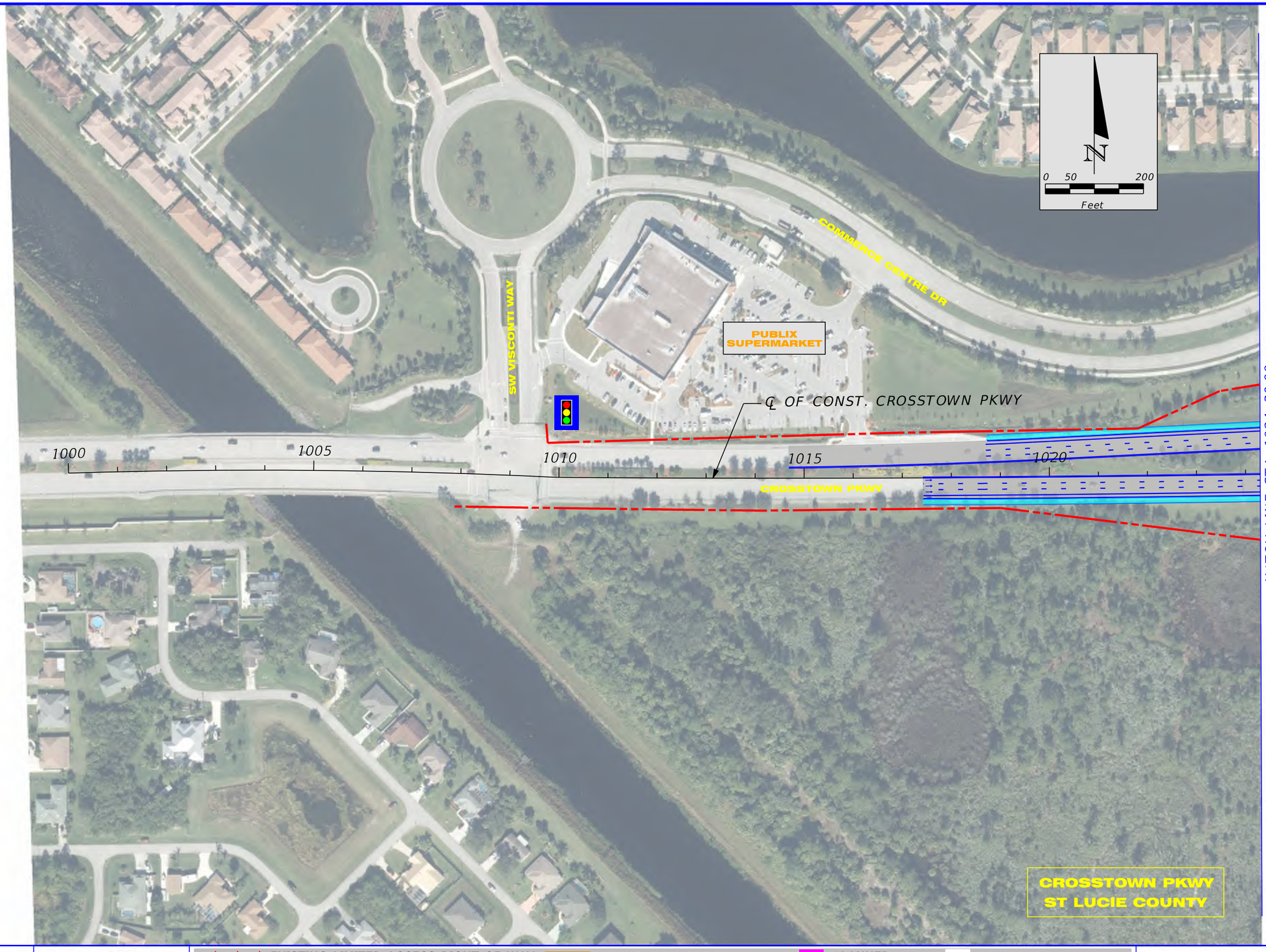
PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 5

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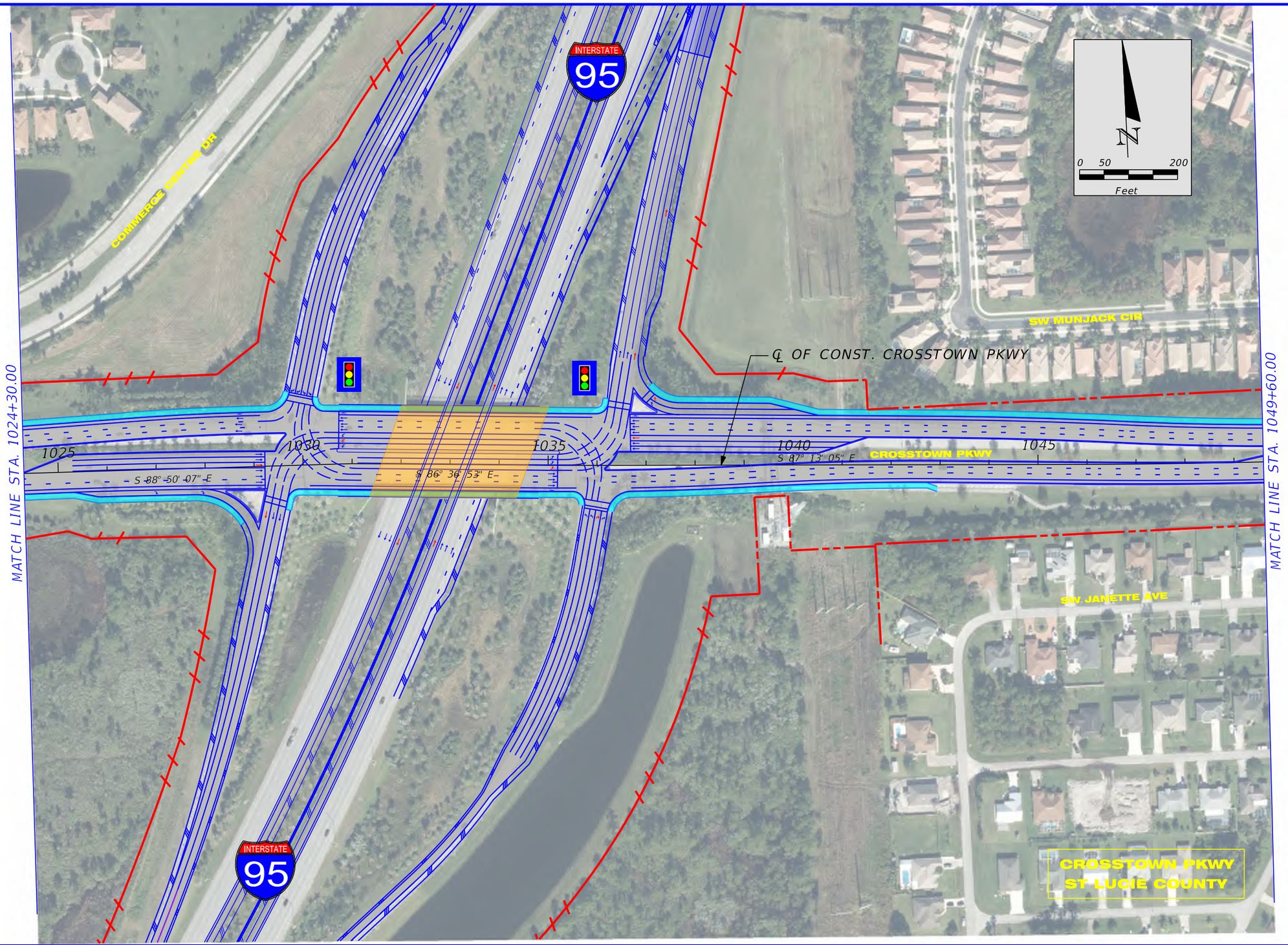
FDOT

Multimodal Master Plan TREASURE COAST

EXISTING LIMITED-ACCESS RIGHT OF WAY	PROP. BRIDGE REPLACEMENT	PLANNED SIGNALIZED INTERSECTION	EXISTING SIGNALIZED INTERSECTION
EXISTING RIGHT OF WAY	PROP. BRIDGE WIDENING		
REQUIRED R/W	PROP. SIDEWALK/ SHARED USED PATH	PROPOSED SIGNALIZATION IMPROVEMENTS	
PROP. MASTER PLAN IMPROV.			
PLANNED IMPROVEMENTS (BY OTHERS)	PROP. PAVED SHLDR.		

CROSSROADS PLAN SHEETS

SHEET NO. 1



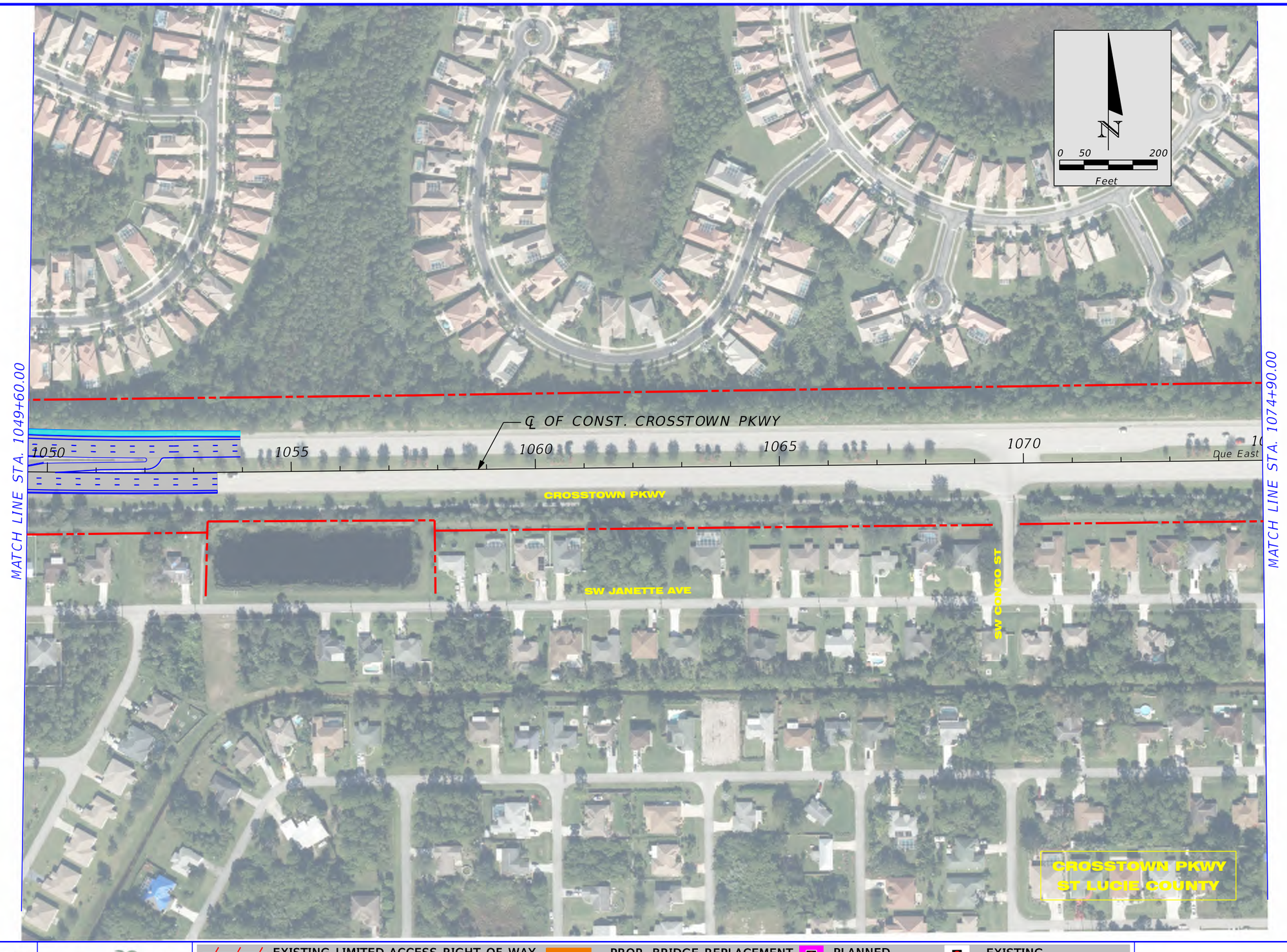
FDOT

Multimodal Master Plan TREASURE COAST

- EXISTING LIMITED-ACCESS RIGHT OF WAY
- EXISTING RIGHT OF WAY
- REQUIRED R/W
- PROP. MASTER PLAN IMPROV.
- PLANNED IMPROVEMENTS (BY OTHERS)
- PROP. BRIDGE REPLACEMENT
- PROP. BRIDGE WIDENING
- PROP. SIDEWALK/ SHARED USED PATH
- PROP. PAVED SHLDR.
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS
- EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 2



FDOT

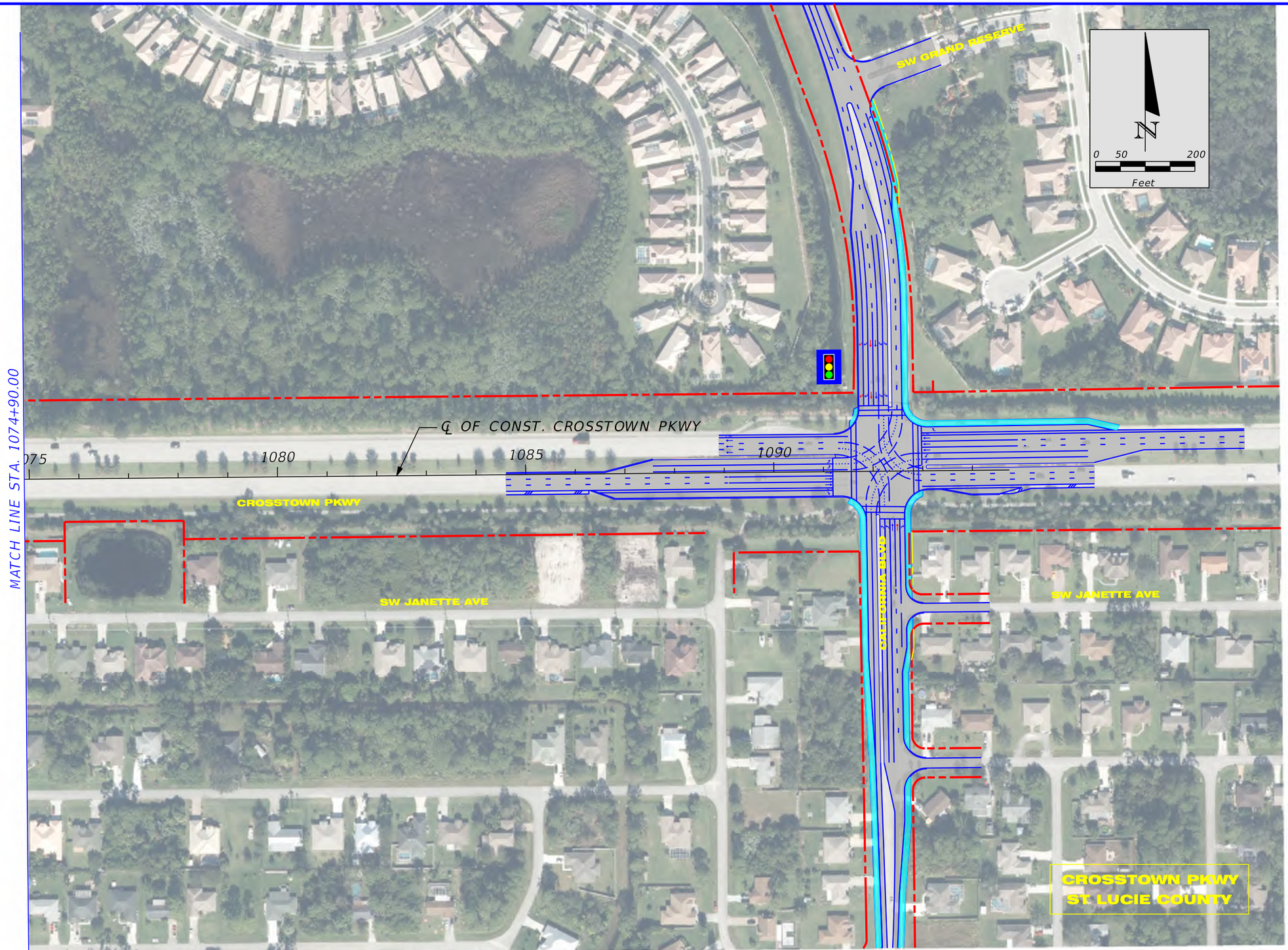
Multimodal Master Plan TREASURE COAST

- EXISTING LIMITED-ACCESS RIGHT OF WAY
- EXISTING RIGHT OF WAY
- REQUIRED R/W
- PROP. MASTER PLAN IMPROV.
- PLANNED IMPROVEMENTS (BY OTHERS)
- PROP. BRIDGE REPLACEMENT
- PROP. BRIDGE WIDENING
- PROP. SIDEWALK/ SHARED USED PATH
- PROP. PAVED SHLDR.
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS
- EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 3

CGALLARD 5/7/2019 4:12:18 PM PW:\



EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

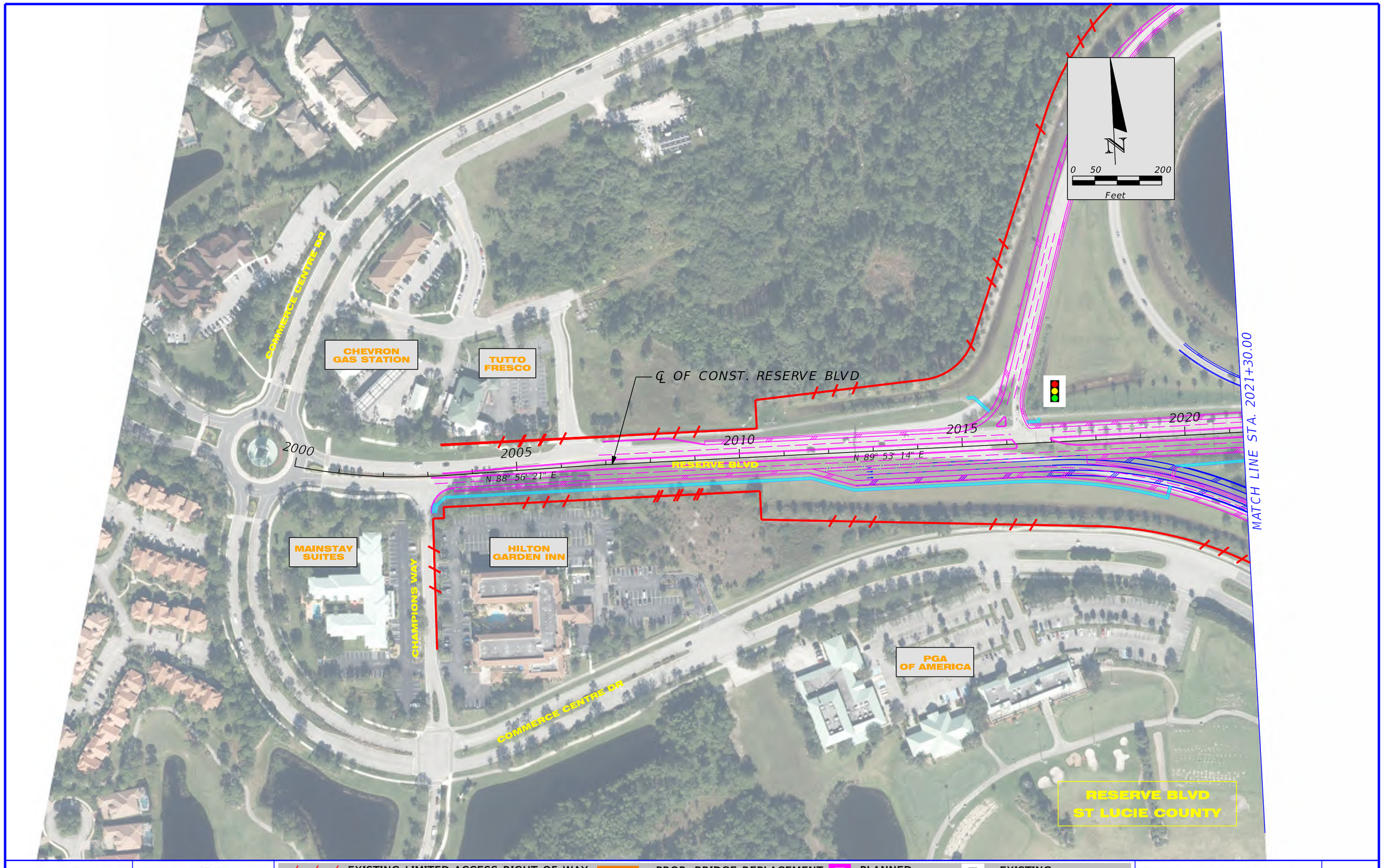
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 4



FDOT

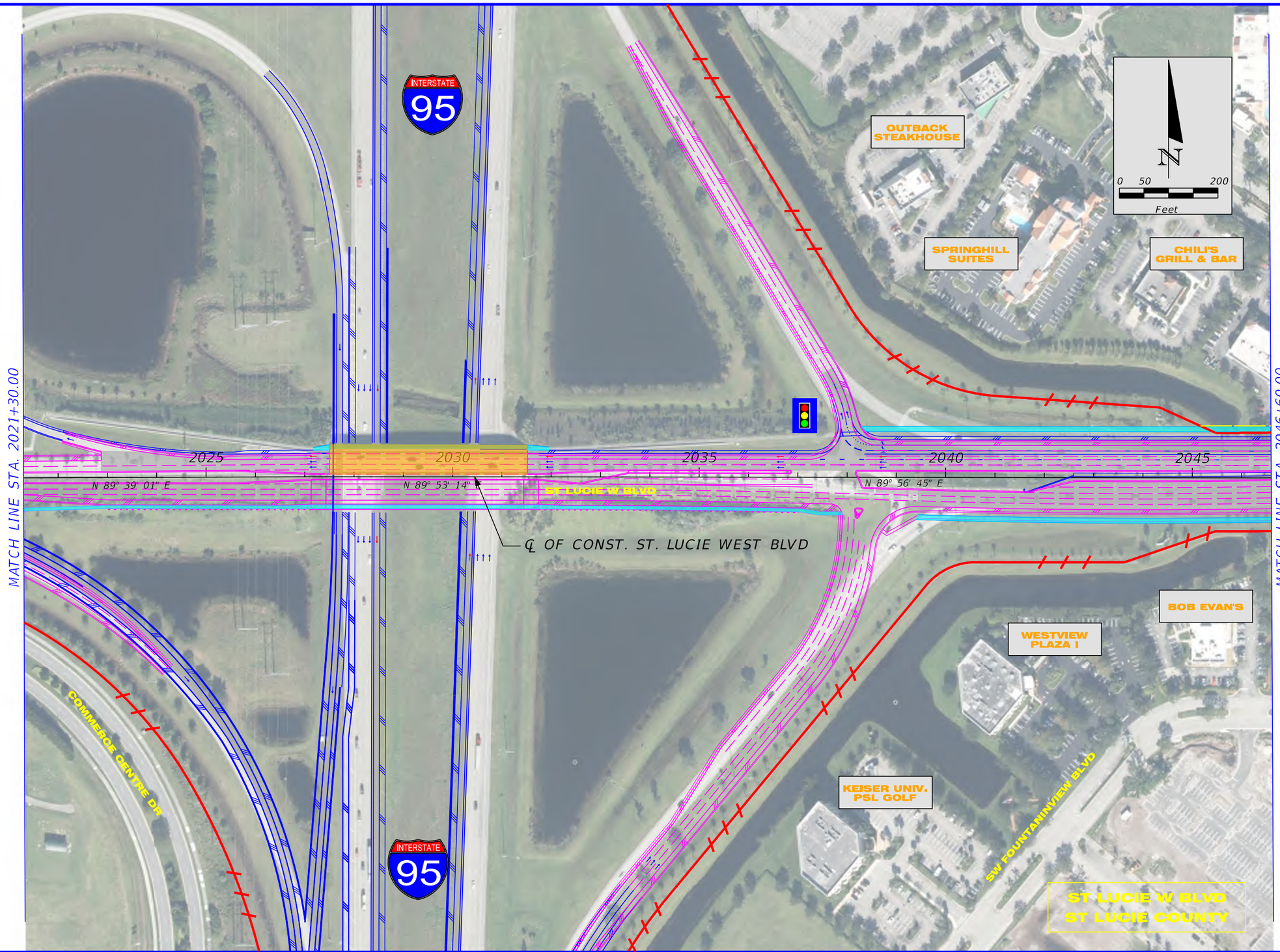
Multimodal Master Plan TREASURE COAST

- EXISTING LIMITED-ACCESS RIGHT OF WAY
- EXISTING RIGHT OF WAY
- REQUIRED R/W
- PROP. MASTER PLAN IMPROV.
- PLANNED IMPROVEMENTS (BY OTHERS)
- PROP. BRIDGE REPLACEMENT
- PROP. BRIDGE WIDENING
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- PROP. PAVED SHLDR.
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS
- EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 1

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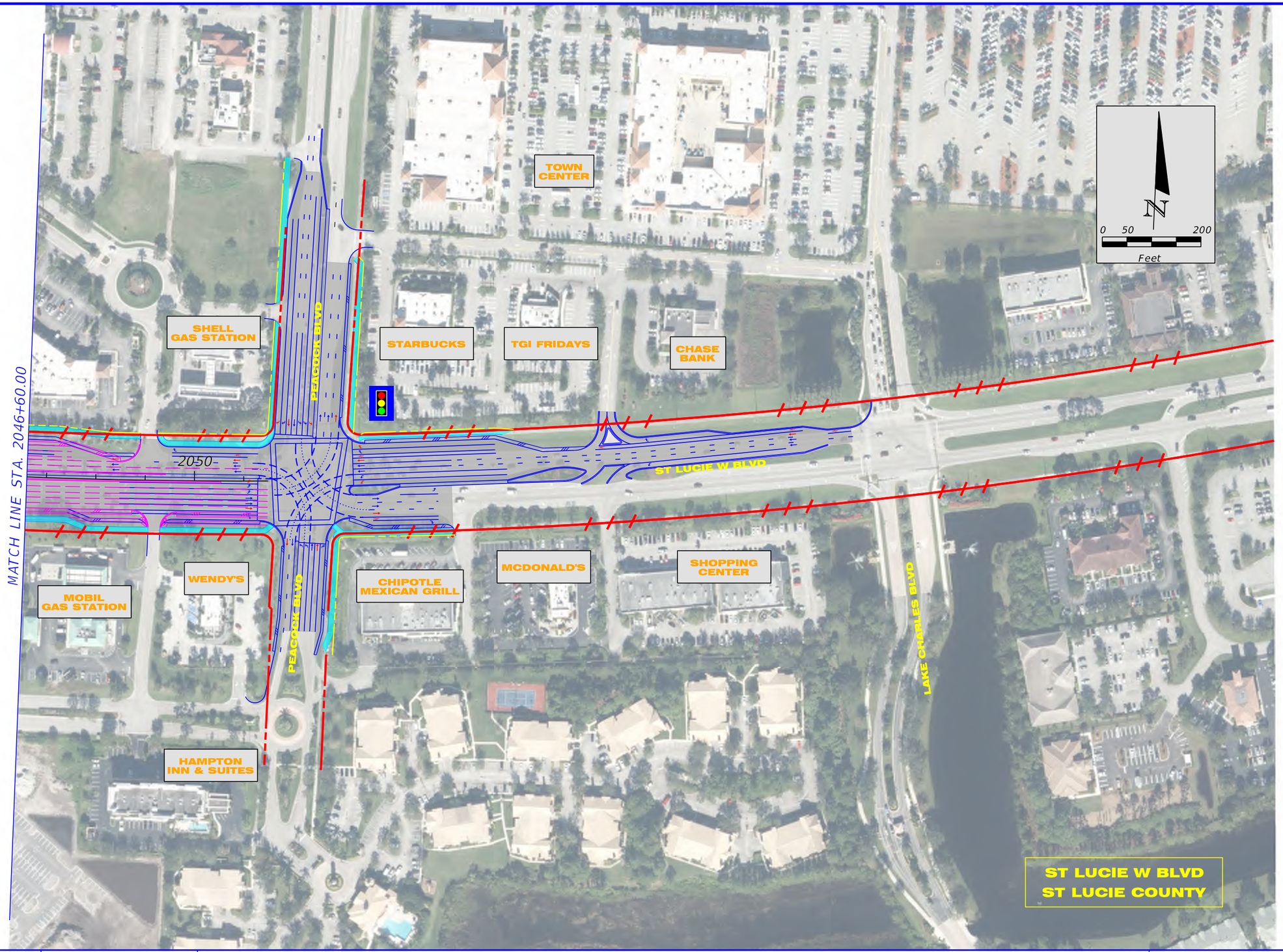
95 Multimodal Master Plan TREASURE COAST

- EXISTING LIMITED-ACCESS RIGHT OF WAY
- EXISTING RIGHT OF WAY
- REQUIRED R/W
- PROP. MASTER PLAN IMPROV.
- PLANNED IMPROVEMENTS (BY OTHERS)
- PROP. BRIDGE REPLACEMENT
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- PROP. PAVED SHLDR.
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS
- EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 3

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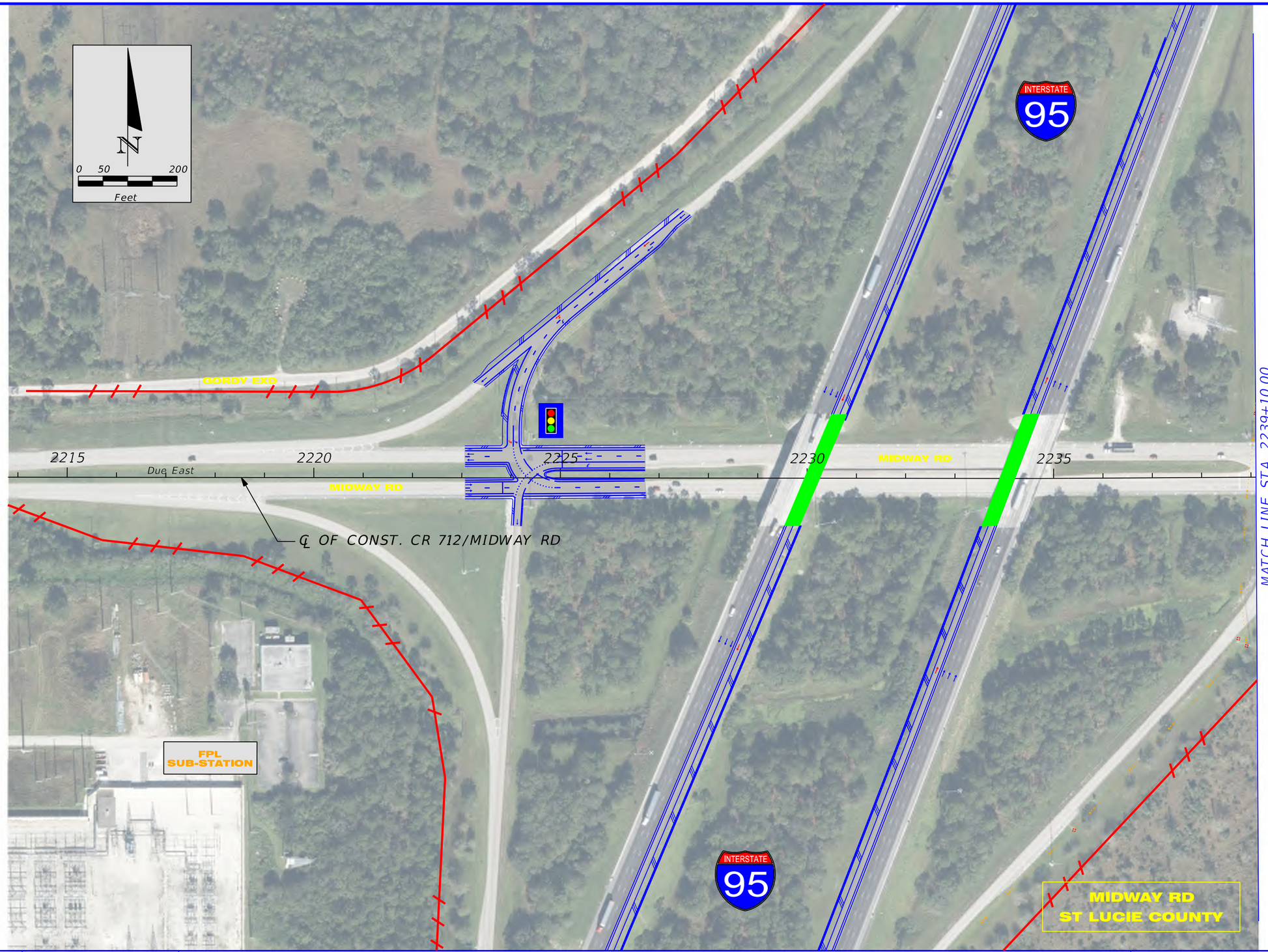
Multimodal Master Plan TREASURE COAST

- EXISTING LIMITED-ACCESS RIGHT OF WAY
- EXISTING RIGHT OF WAY
- REQUIRED R/W
- PROP. MASTER PLAN IMPROV.
- PLANNED IMPROVEMENTS (BY OTHERS)
- PROP. BRIDGE REPLACEMENT
- PROP. BRIDGE WIDENING
- PROP. SIDEWALK/ SHARED USED PATH
- PROP. PAVED SHLDR.
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS
- EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 3

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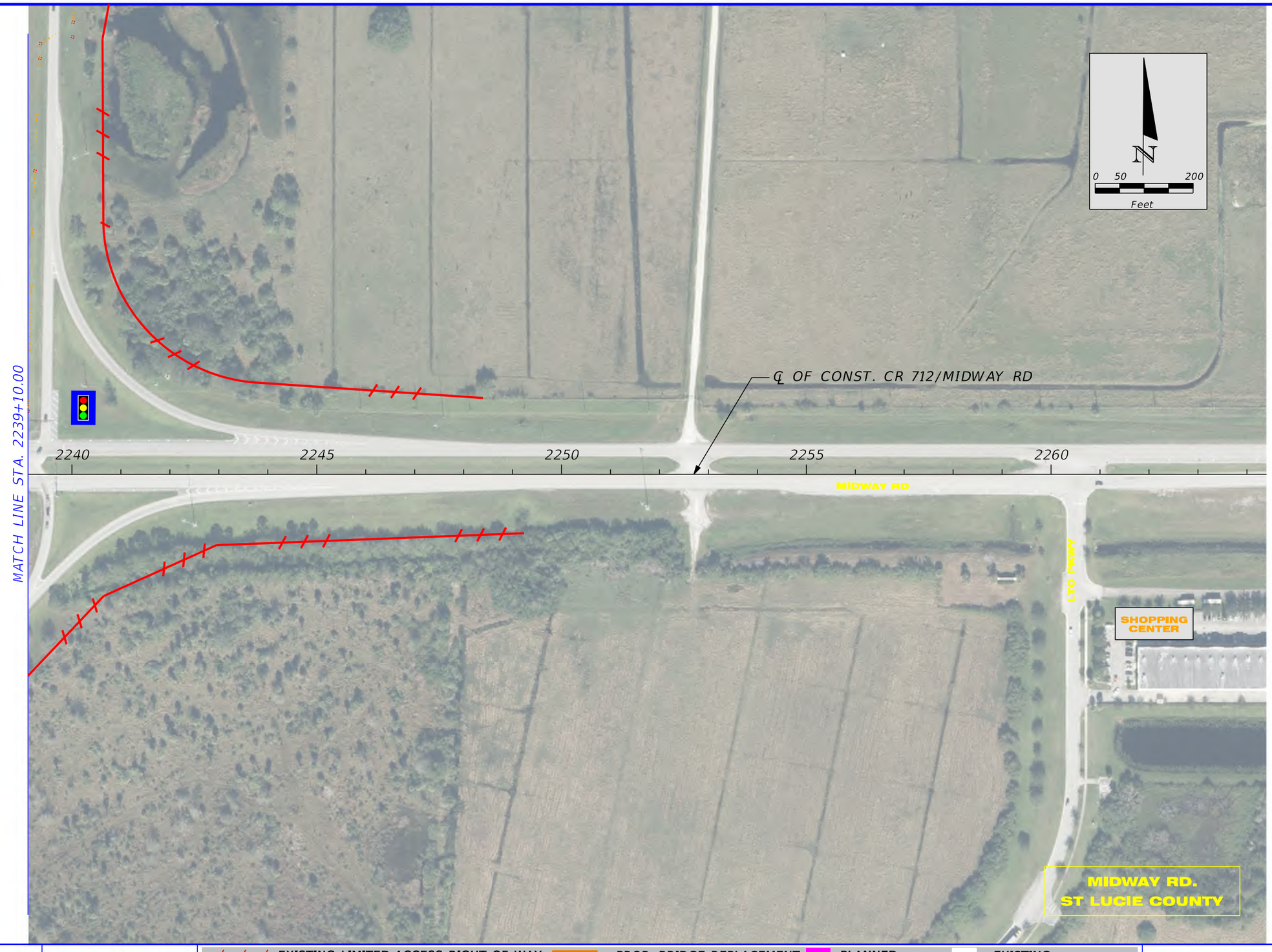
Multimodal Master Plan TREASURE COAST

- EXISTING LIMITED-ACCESS RIGHT OF WAY
- EXISTING RIGHT OF WAY
- REQUIRED R/W
- PROP. MASTER PLAN IMPROV.
- PLANNED IMPROVEMENTS (BY OTHERS)
- PROP. BRIDGE REPLACEMENT
- PROP. BRIDGE WIDENING
- PROP. SIDEWALK/ SHARED USED PATH
- PROP. PAVED SHLDR.
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS
- EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 1

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EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

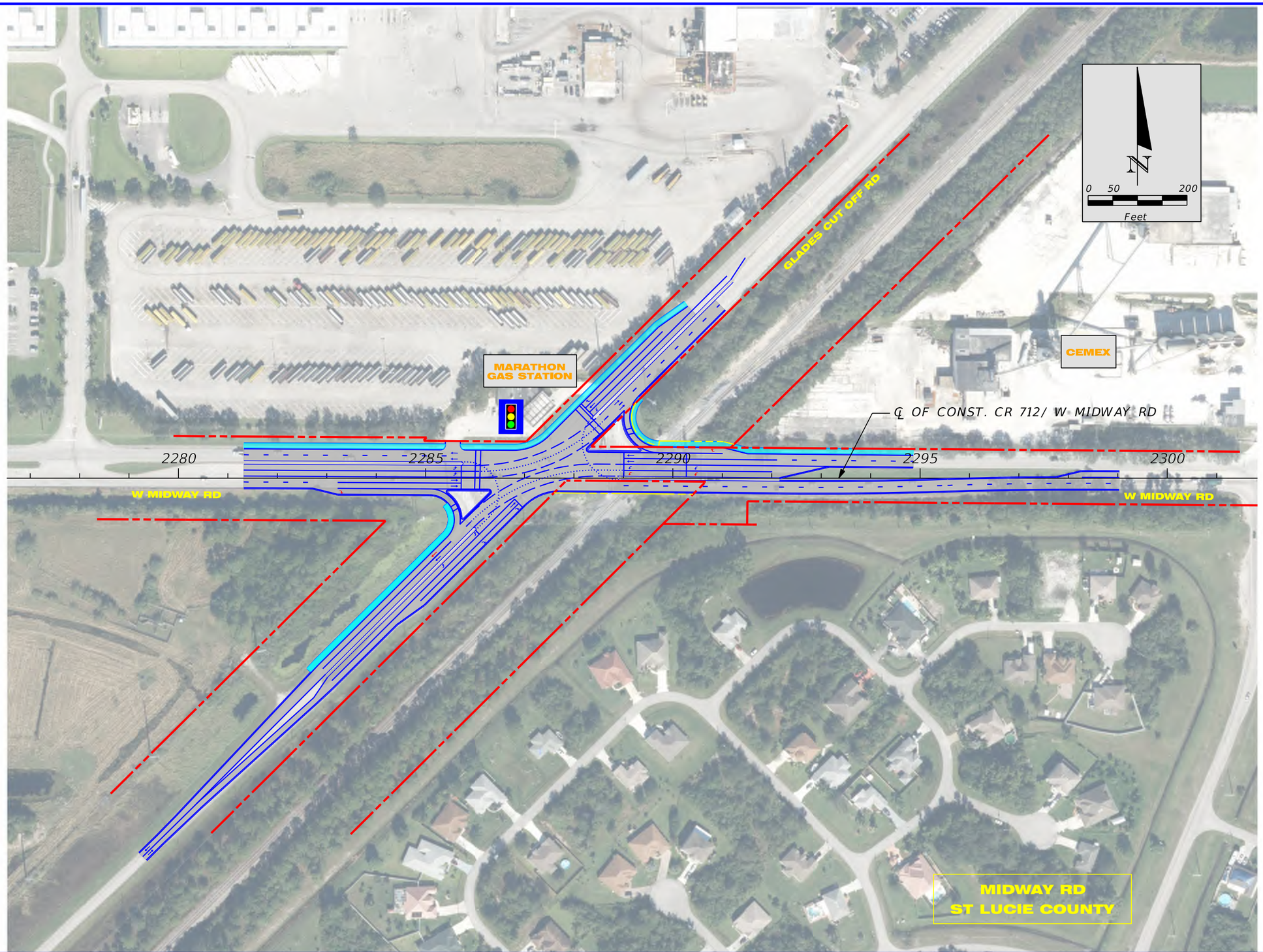
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 2



IFDOT

95 95 Multimodal Master Plan
TREASURE COAST

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

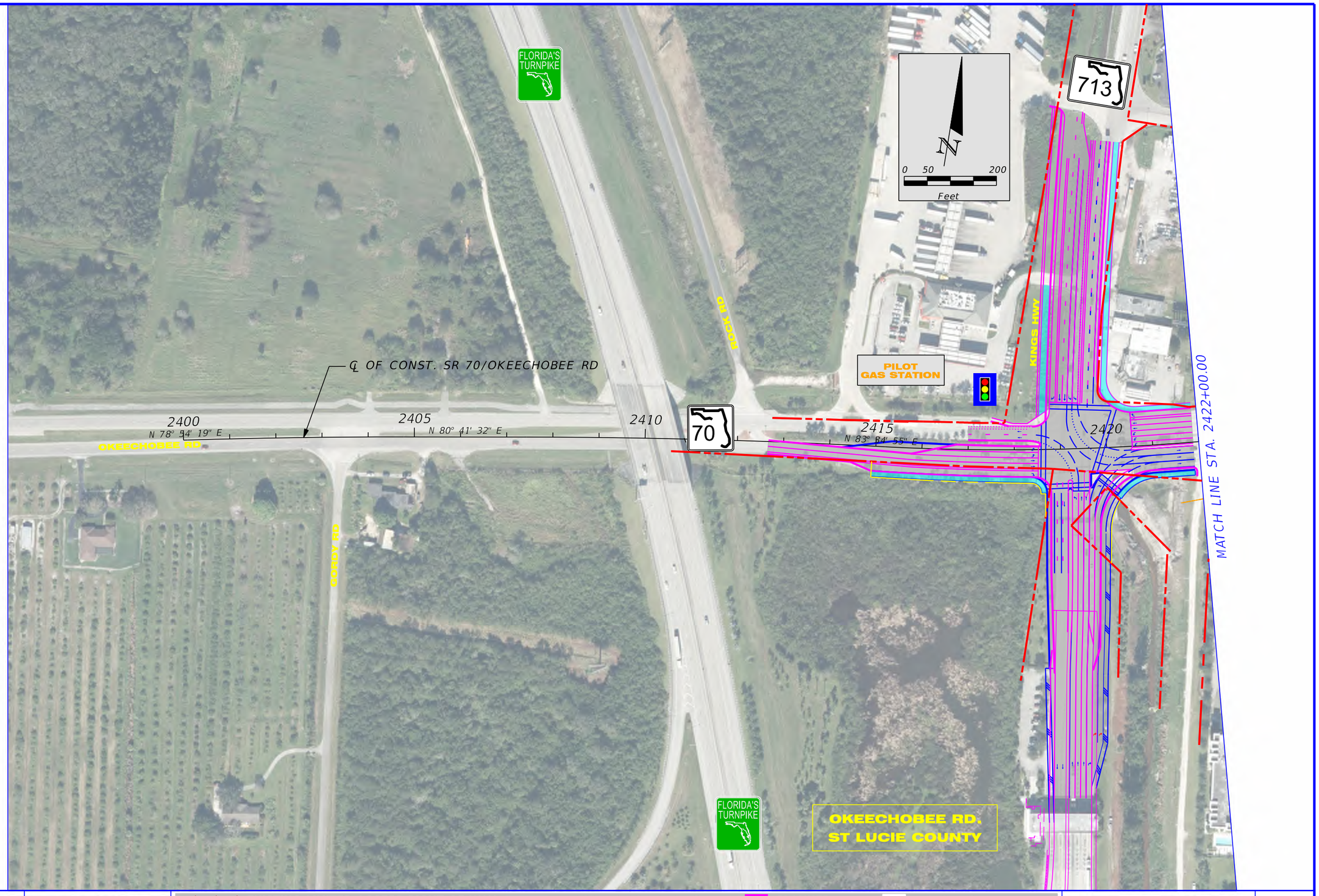
PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 3

CGALLARD 5/7/2019 4:36:56 PM PW:\



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EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

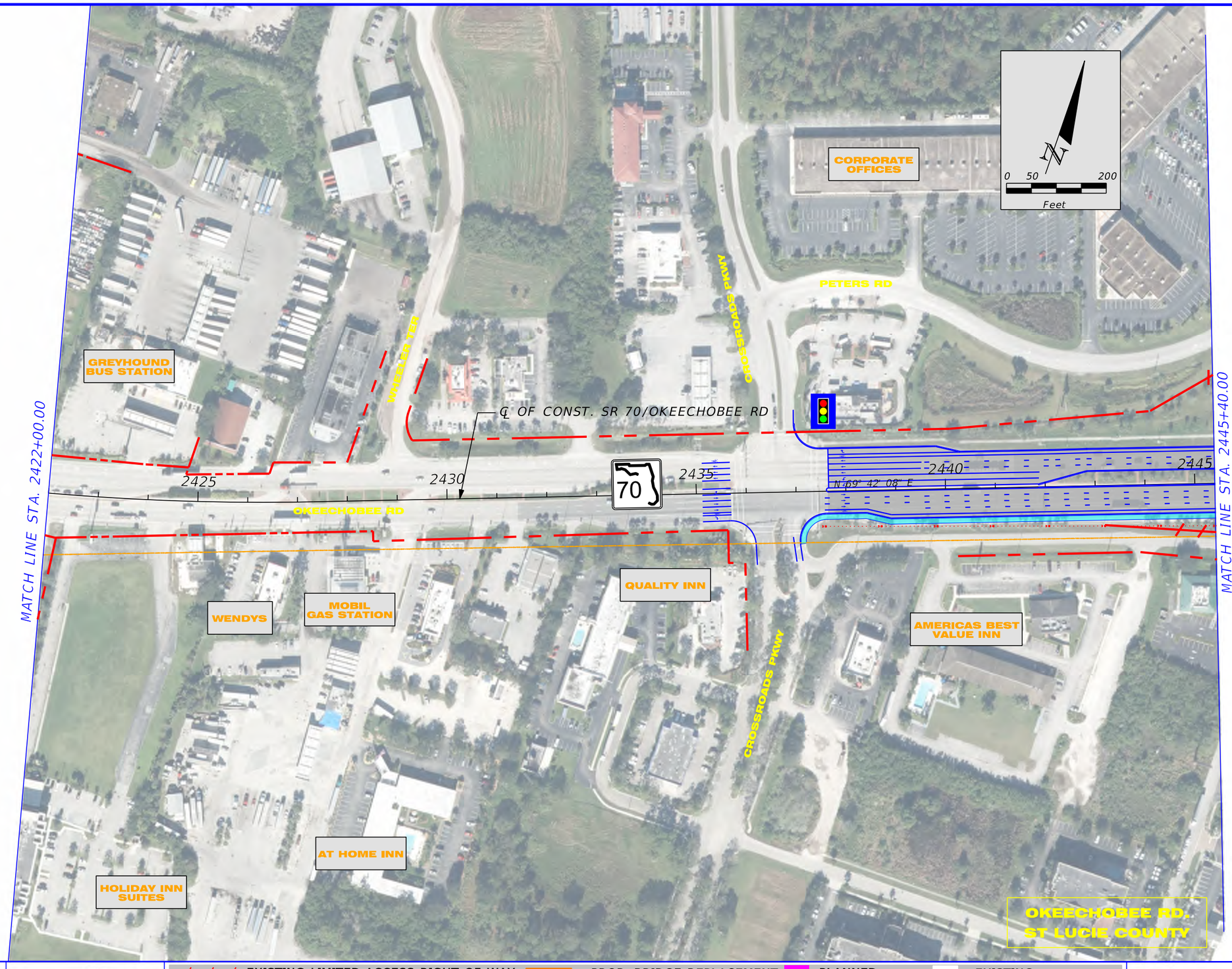
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 1



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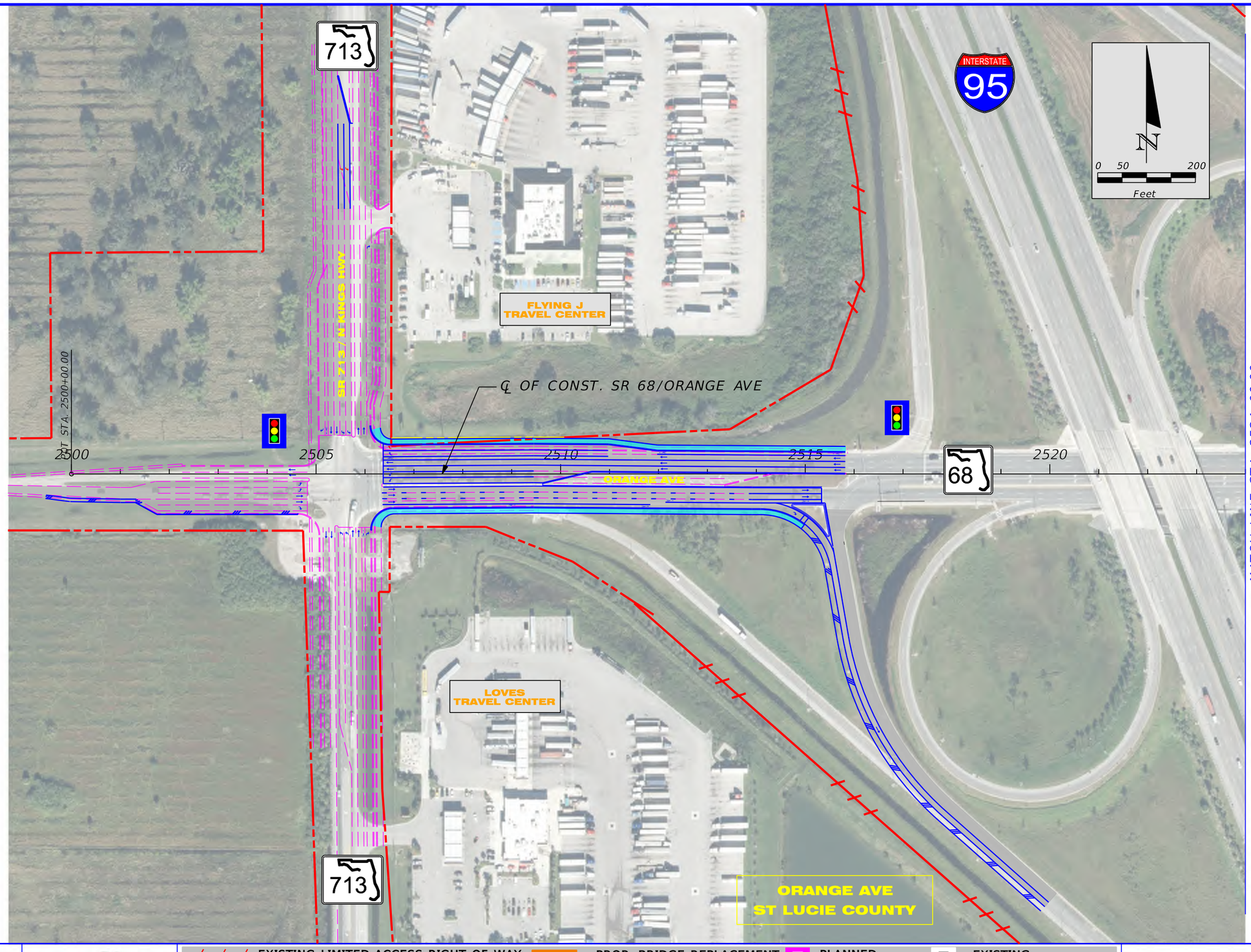
Multimodal Master Plan TREASURE COAST

- EXISTING LIMITED-ACCESS RIGHT OF WAY
- EXISTING RIGHT OF WAY
- REQUIRED R/W
- PROP. MASTER PLAN IMPROV.
- PLANNED IMPROVEMENTS (BY OTHERS)
- PROP. BRIDGE REPLACEMENT
- PROP. BRIDGE WIDENING
- PROP. SIDEWALK/ SHARED USED PATH
- PROP. PAVED SHLDR.
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS
- EXISTING SIGNALIZED INTERSECTION

CGALLARD 5/7/2019 4:38:57 PM PW:\

CROSSROADS PLAN SHEETS

SHEET NO. 2



EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 1

CGALLARD 5/7/2019 4:40:58 PM PW:\

MATCH LINE STA. 2524+00.00

MATCH LINE STA. 2549+30.00

℄ OF CONST. SR 68/ORANGE AVE

2525 2530 2535 2540 2545

N 89° 57' 17" E

ORANGE AVE

LAMONT RD

COPENHAVER RD

LOOP RD

EVERGLADES EQUIPMENT GROUP

FLORIDA COAST EQUIPMENT

N

0 50 200

Feet

INTERSTATE 95

ORANGE AVE
ST LUCIE COUNTY

FDOT

I-95 Multimodal Master Plan TREASURE COAST

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

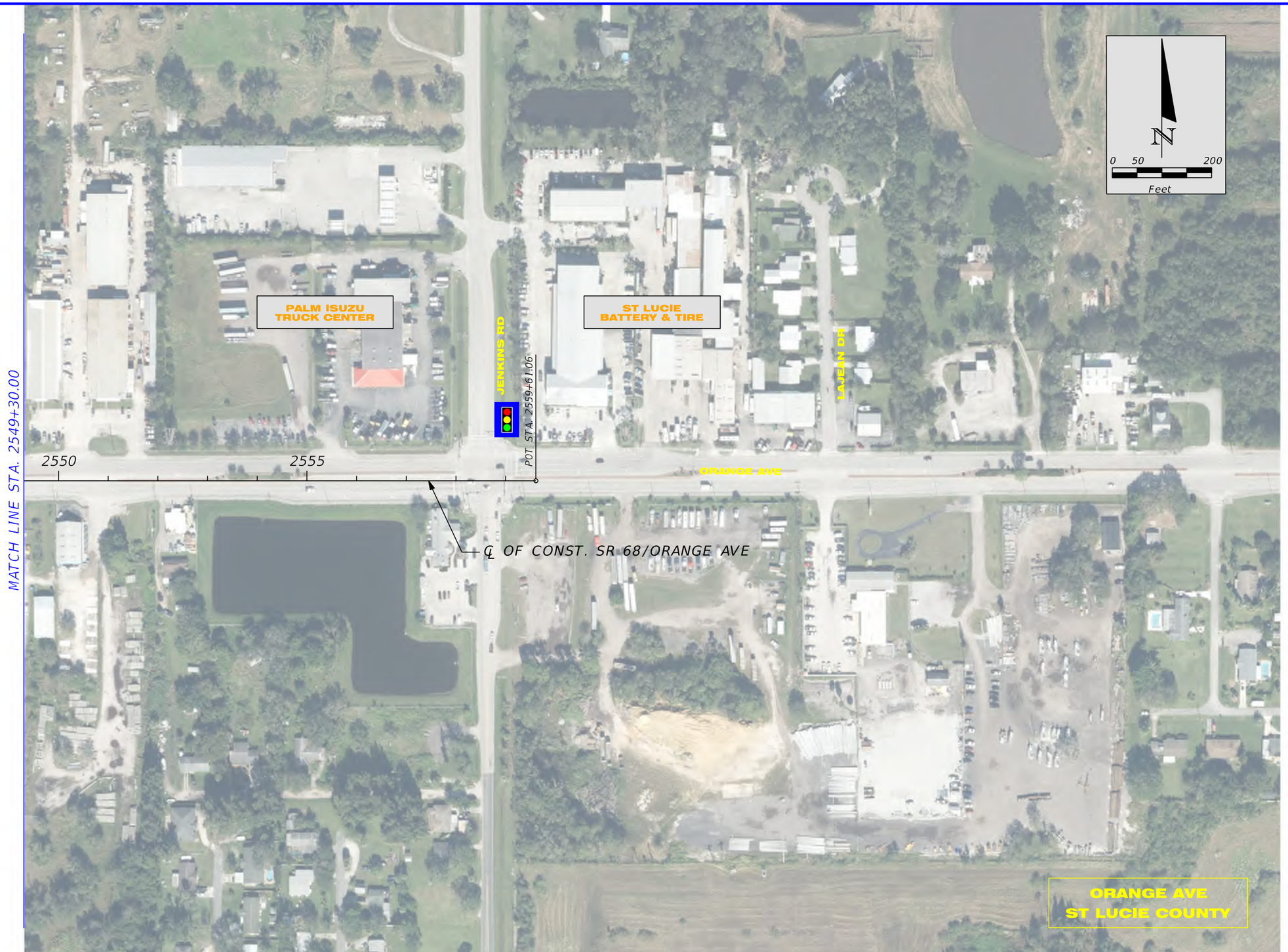
PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 2

CGALLARD 5/7/2019 4:41:44 PM PW:\



EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

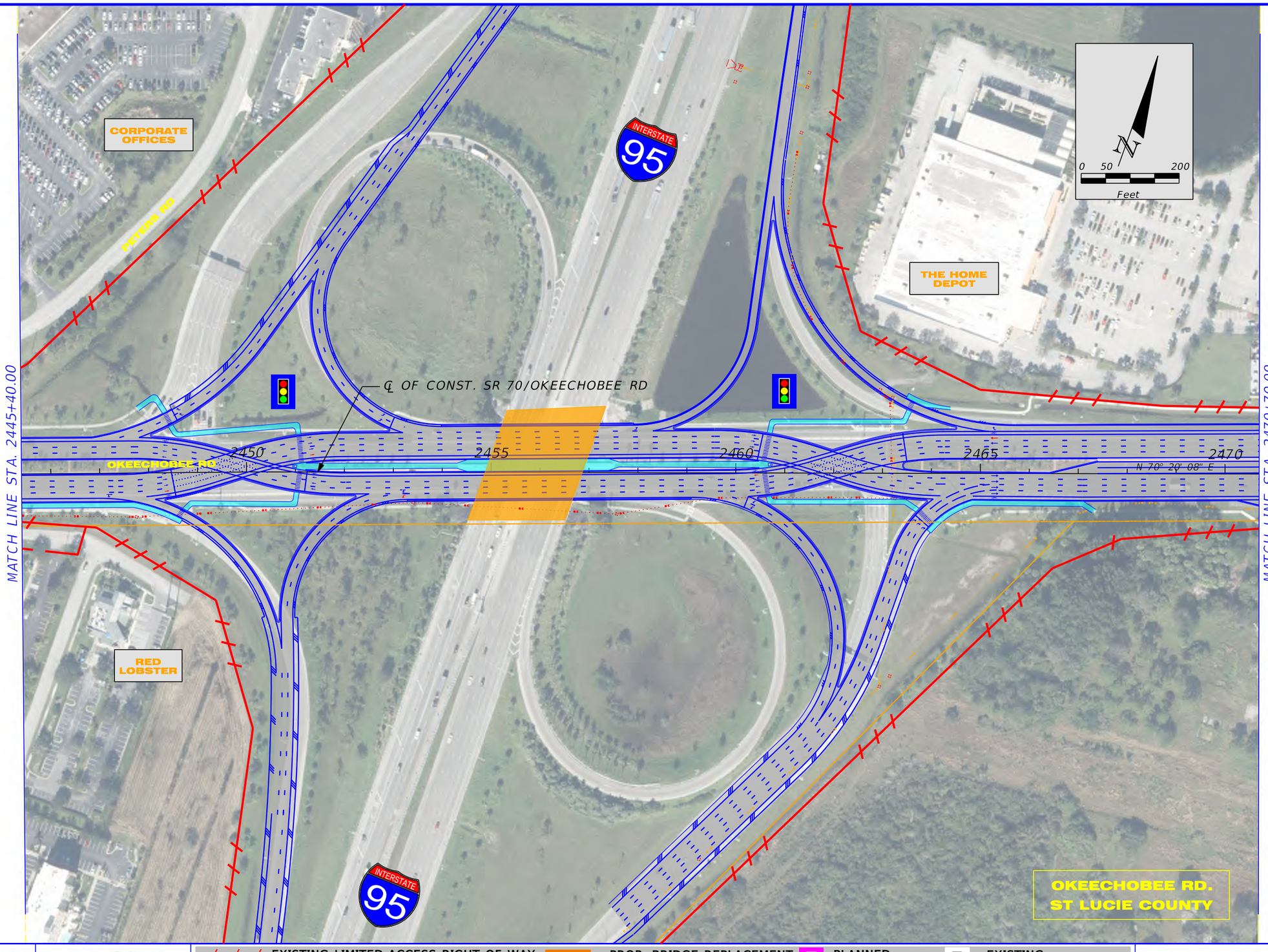
PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 3

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FDOT

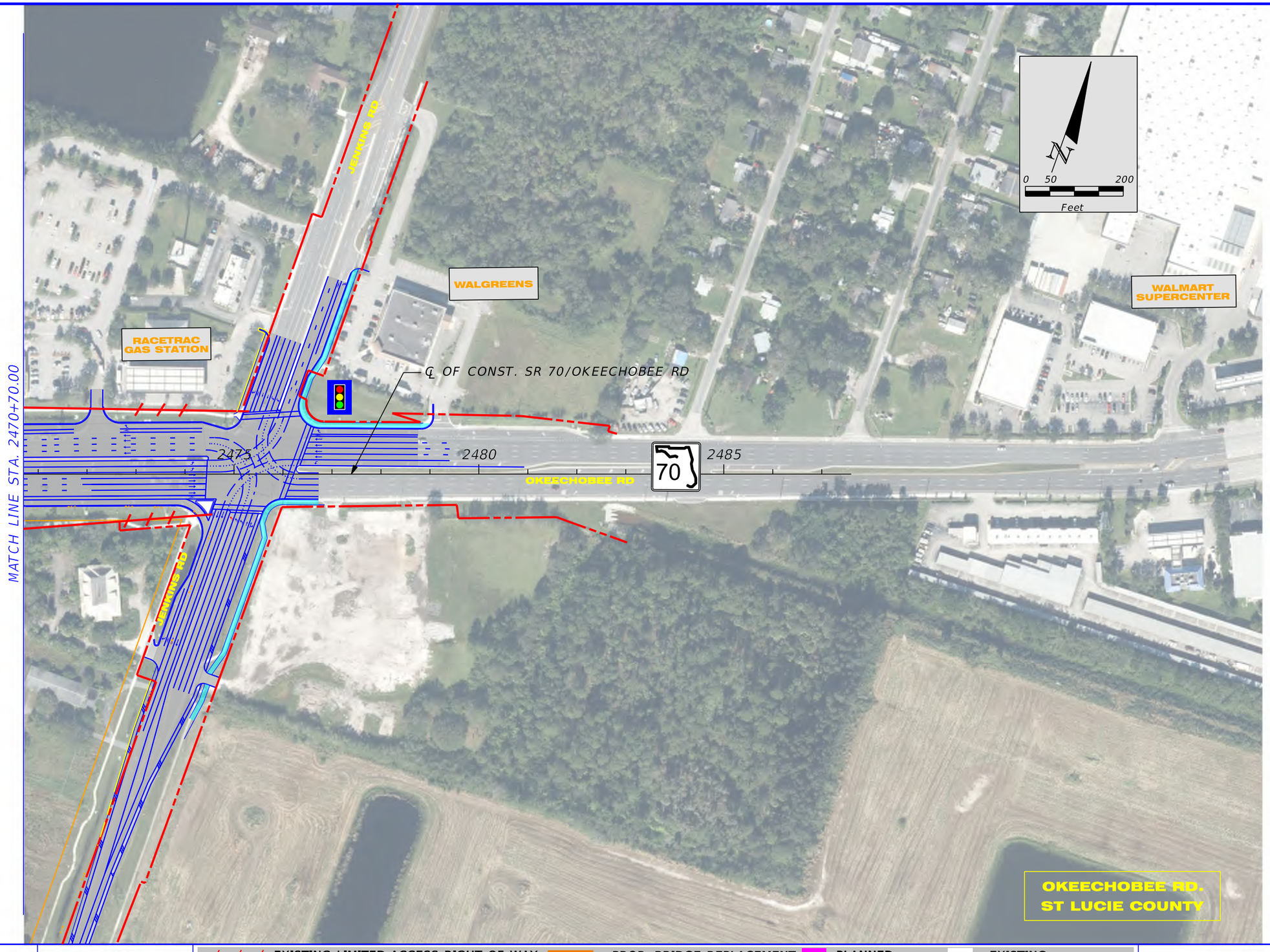
Multimodal Master Plan TREASURE COAST

- EXISTING LIMITED-ACCESS RIGHT OF WAY
- EXISTING RIGHT OF WAY
- REQUIRED R/W
- PROP. MASTER PLAN IMPROV.
- PLANNED IMPROVEMENTS (BY OTHERS)
- PROP. BRIDGE REPLACEMENT
- PROP. BRIDGE WIDENING
- PROP. SIDEWALK/ SHARED USED PATH
- PROP. PAVED SHLDR.
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS
- EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 3

CGALLARD 5/7/2019 4:39:38 PM PW:\



EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

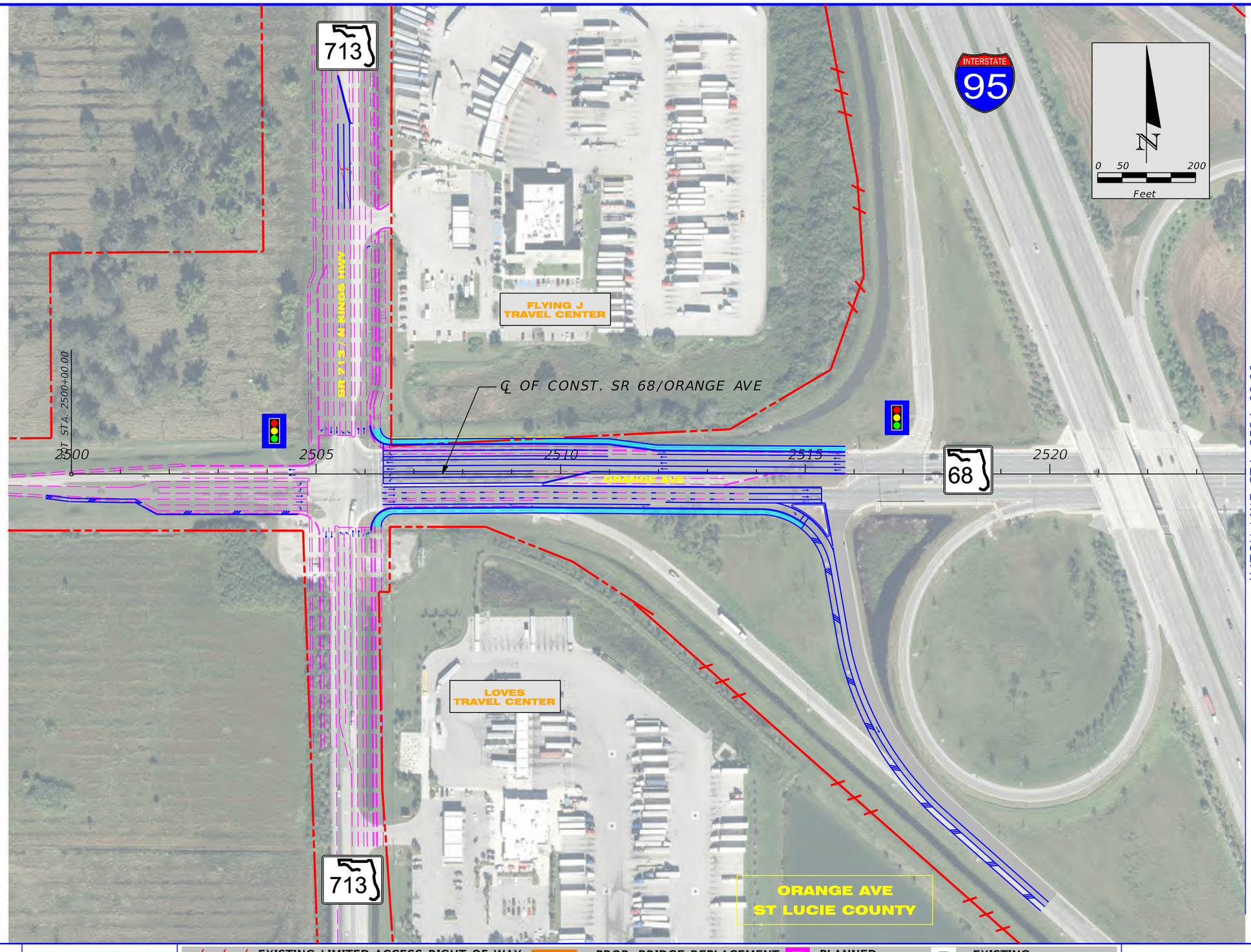
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 4



EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 1

CGALLARD 5/7/2019 4:40:58 PM PW:\

MATCH LINE STA. 2524+00.00

MATCH LINE STA. 2549+30.00

℄ OF CONST. SR 68/ORANGE AVE

2525 2530 2535 2540 2545

N 89° 57' 17" E

ORANGE AVE

LAMONT RD

COPENHAVER RD

LOOP RD

EVERGLADES EQUIPMENT GROUP

FLORIDA COAST EQUIPMENT

N

0 50 200

Feet

INTERSTATE 95

ORANGE AVE
ST LUCIE COUNTY

FDOT

I-95 Multimodal Master Plan TREASURE COAST

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

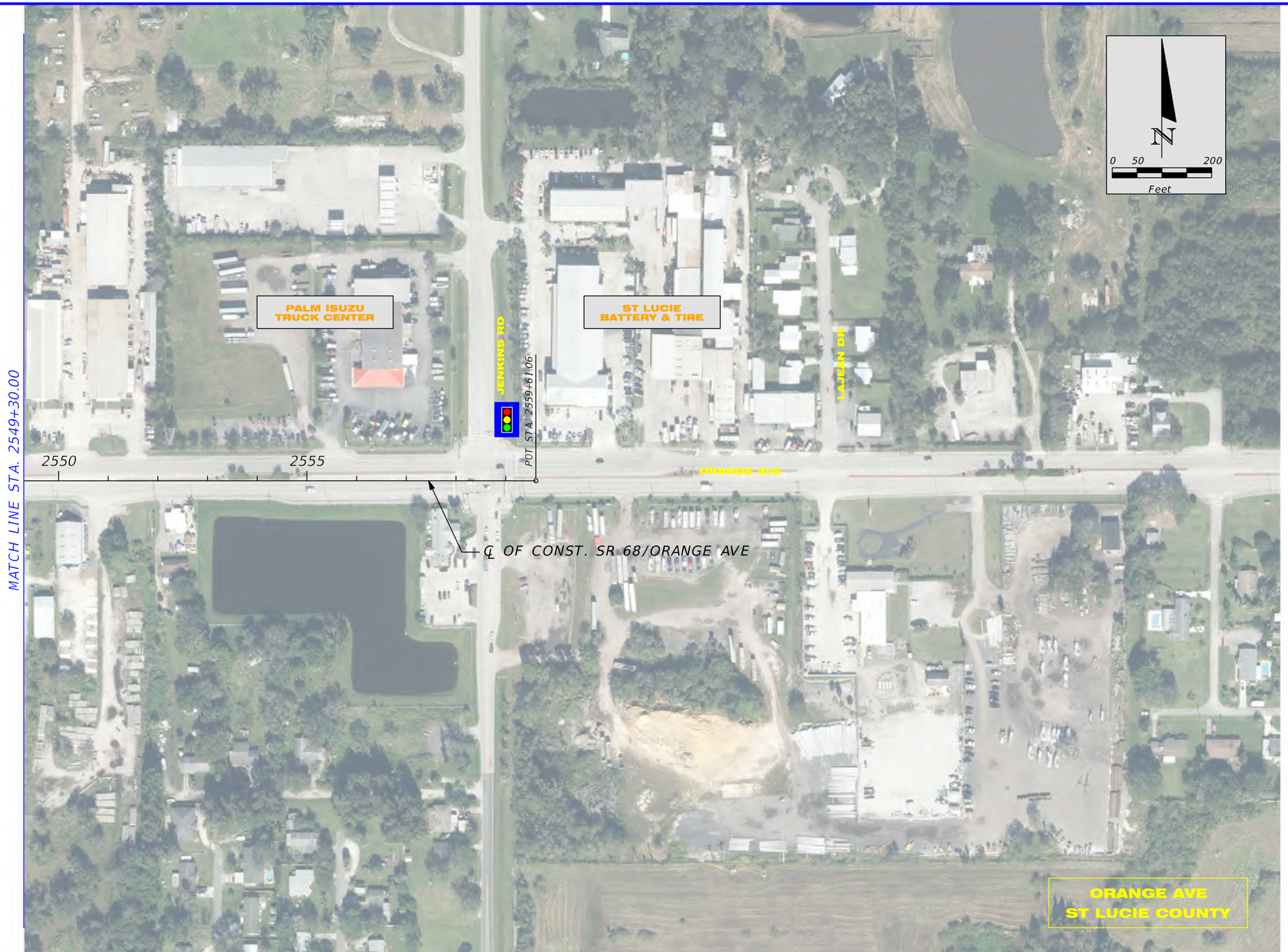
PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 2

CGALLARD 5/7/2019 4:41:44 PM PW:\



EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

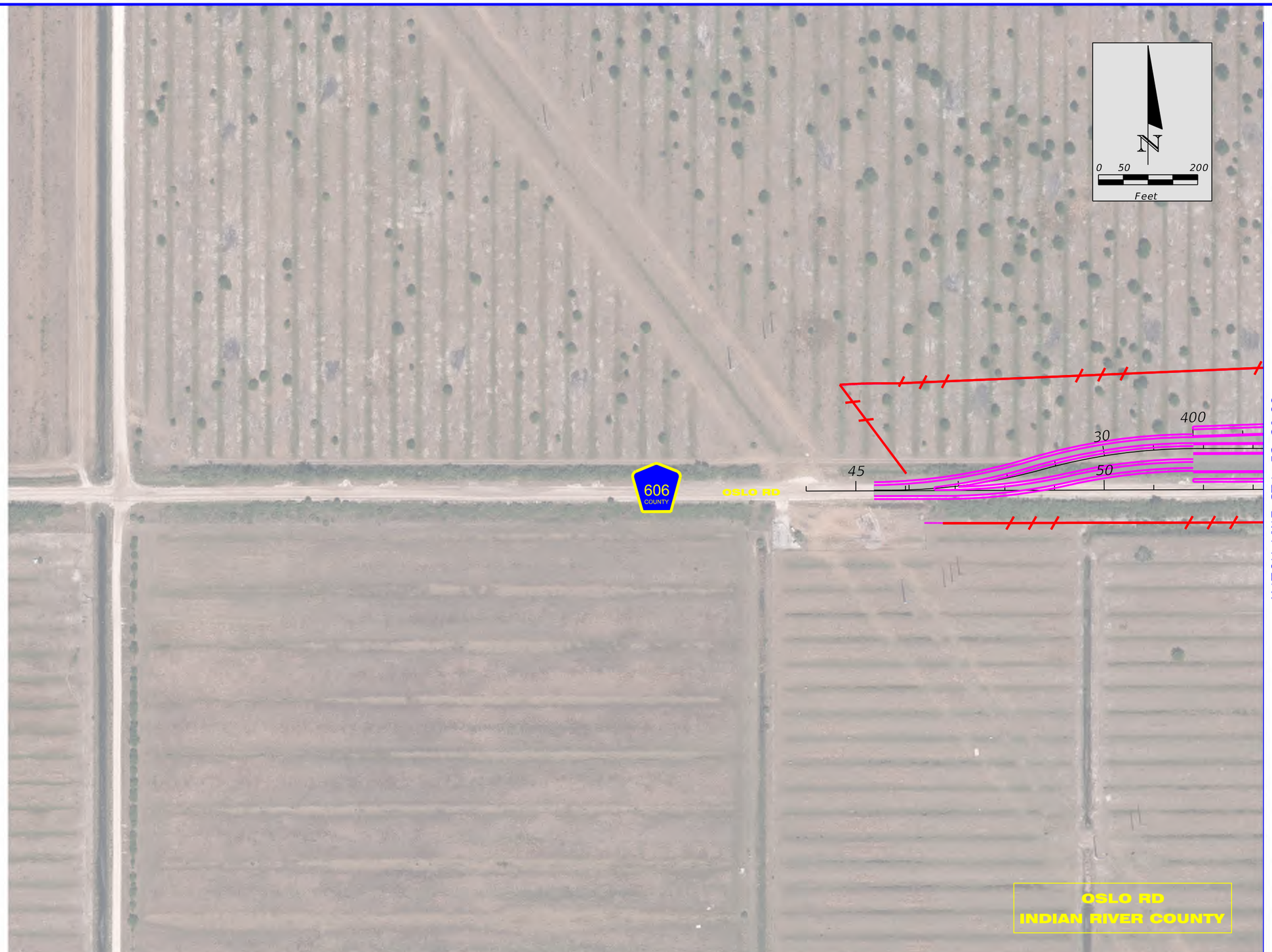
PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 3

CGALLARD 5/7/2019 4:42:20 PM PW:\



FDOT

Multimodal Master Plan TREASURE COAST

- EXISTING LIMITED-ACCESS RIGHT OF WAY
- EXISTING RIGHT OF WAY
- REQUIRED R/W
- PROP. MASTER PLAN IMPROV.
- PLANNED IMPROVEMENTS (BY OTHERS)
- PROP. BRIDGE REPLACEMENT
- PROP. BRIDGE WIDENING
- PROP. SIDEWALK/ SHARED USED PATH
- PROP. PAVED SHLDR.
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS
- EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 1

CGALLARD 5/7/2019 4:43:01 PM PW:\

MATCH LINE STA. 53+20.66

MATCH LINE STA. 58+50.87

OSLO RD

86TH AVE

INTERSTATE 95

S 89° 43' 43" E

0 50 200

Feet

OSLO RD
INDIAN RIVER COUNTY

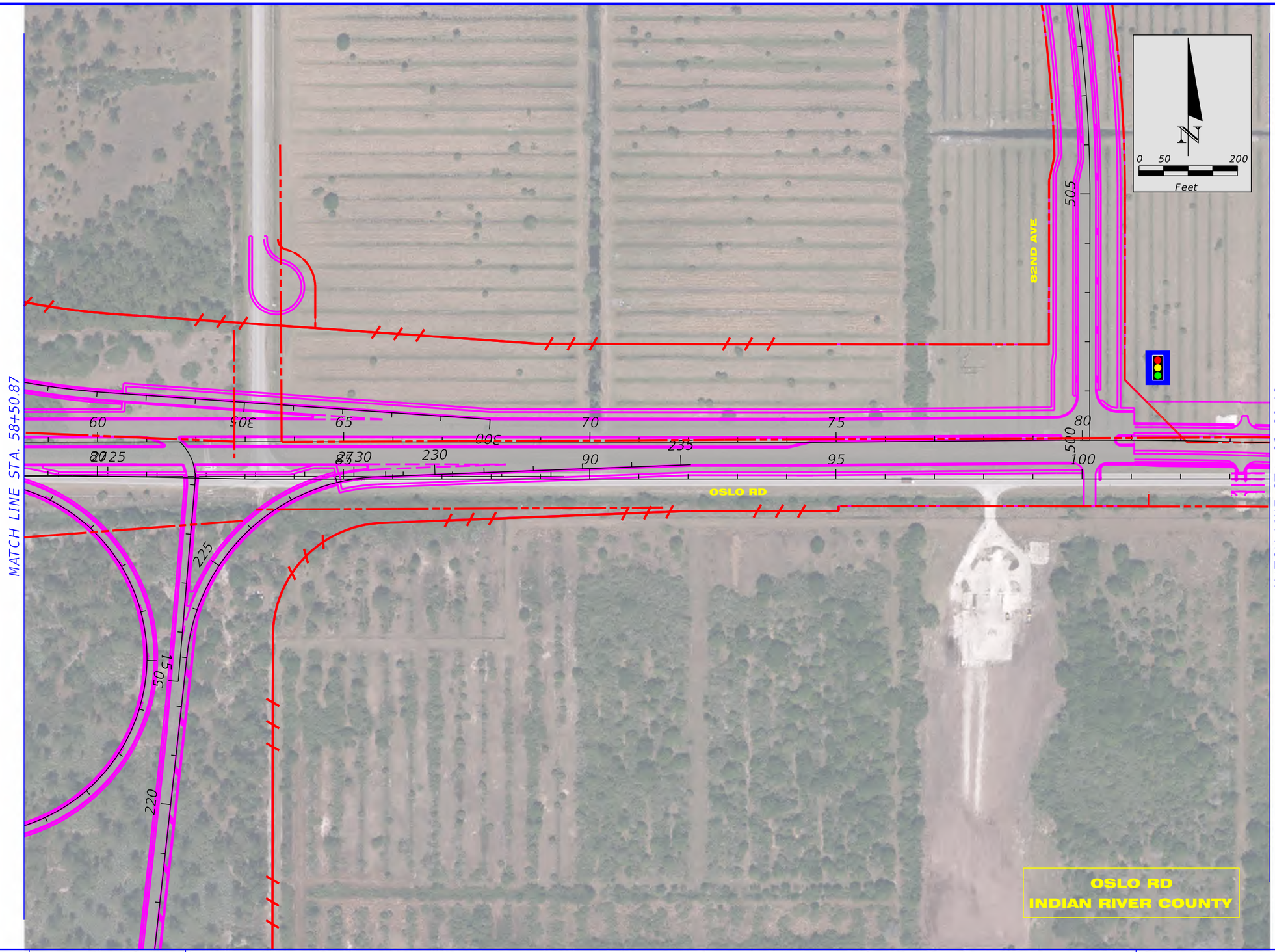
Multimodal Master Plan TREASURE COAST

- EXISTING LIMITED-ACCESS RIGHT OF WAY
- EXISTING RIGHT OF WAY
- REQUIRED R/W
- PROP. MASTER PLAN IMPROV.
- PLANNED IMPROVEMENTS (BY OTHERS)
- PROP. BRIDGE REPLACEMENT
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- PROP. PAVED SHLDR.
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS
- EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 2

CGALLARD 5/7/2019 4:43:46 PM PW:\



EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

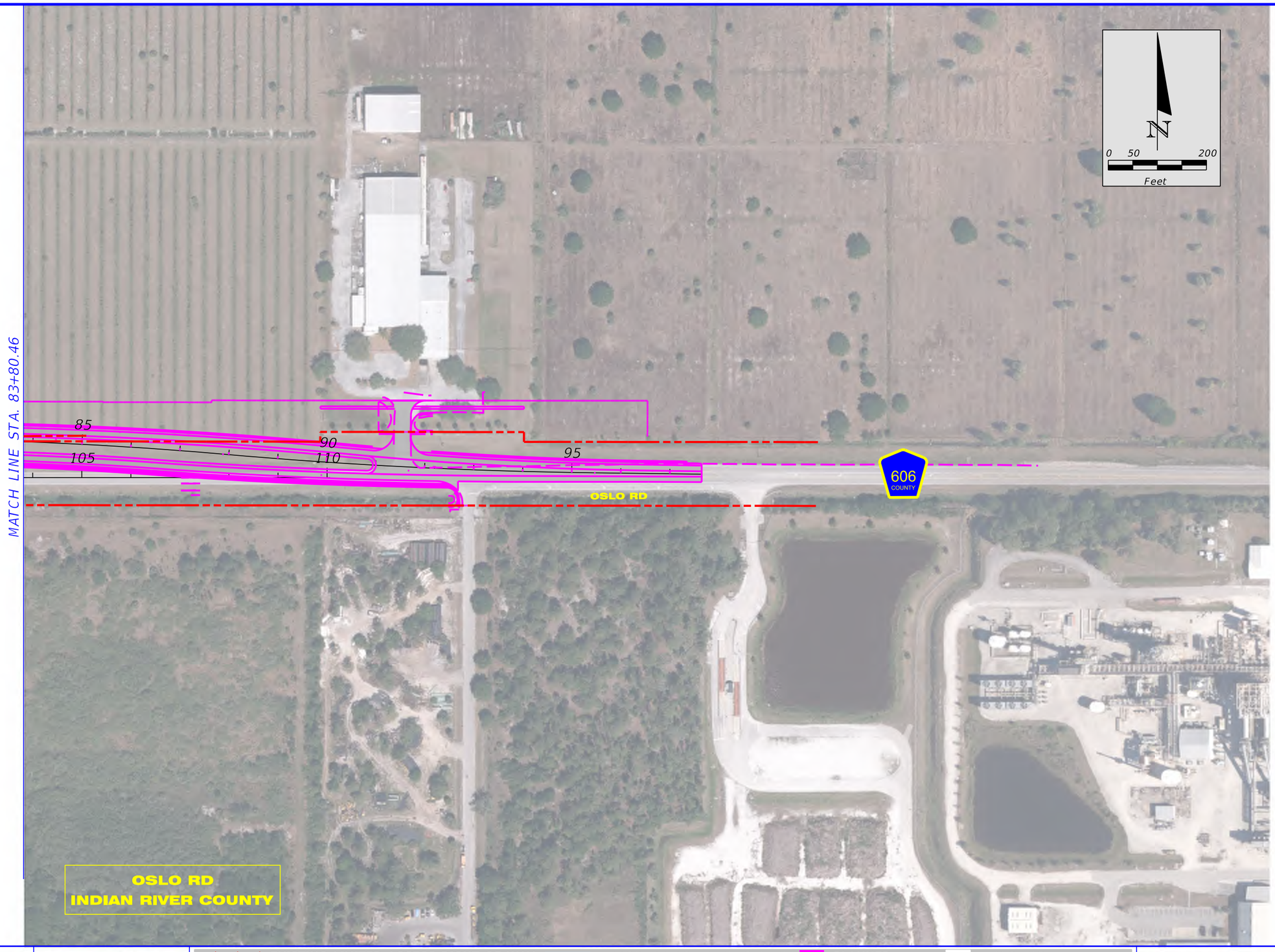
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PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CGALLARD 5/7/2019 4:44:25 PM PW:\

CROSSROADS PLAN SHEETS

SHEET NO. 3



FDOT

Multimodal Master Plan TREASURE COAST

- EXISTING LIMITED-ACCESS RIGHT OF WAY
- EXISTING RIGHT OF WAY
- REQUIRED R/W
- PROP. MASTER PLAN IMPROV.
- PLANNED IMPROVEMENTS (BY OTHERS)
- PROP. BRIDGE REPLACEMENT
- PROP. BRIDGE WIDENING
- PROP. SIDEWALK/ SHARED USED PATH
- PROP. PAVED SHLDR.
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS
- EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 4

CGALLARD 5/7/2019 4:45:04 PM PW:\



EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

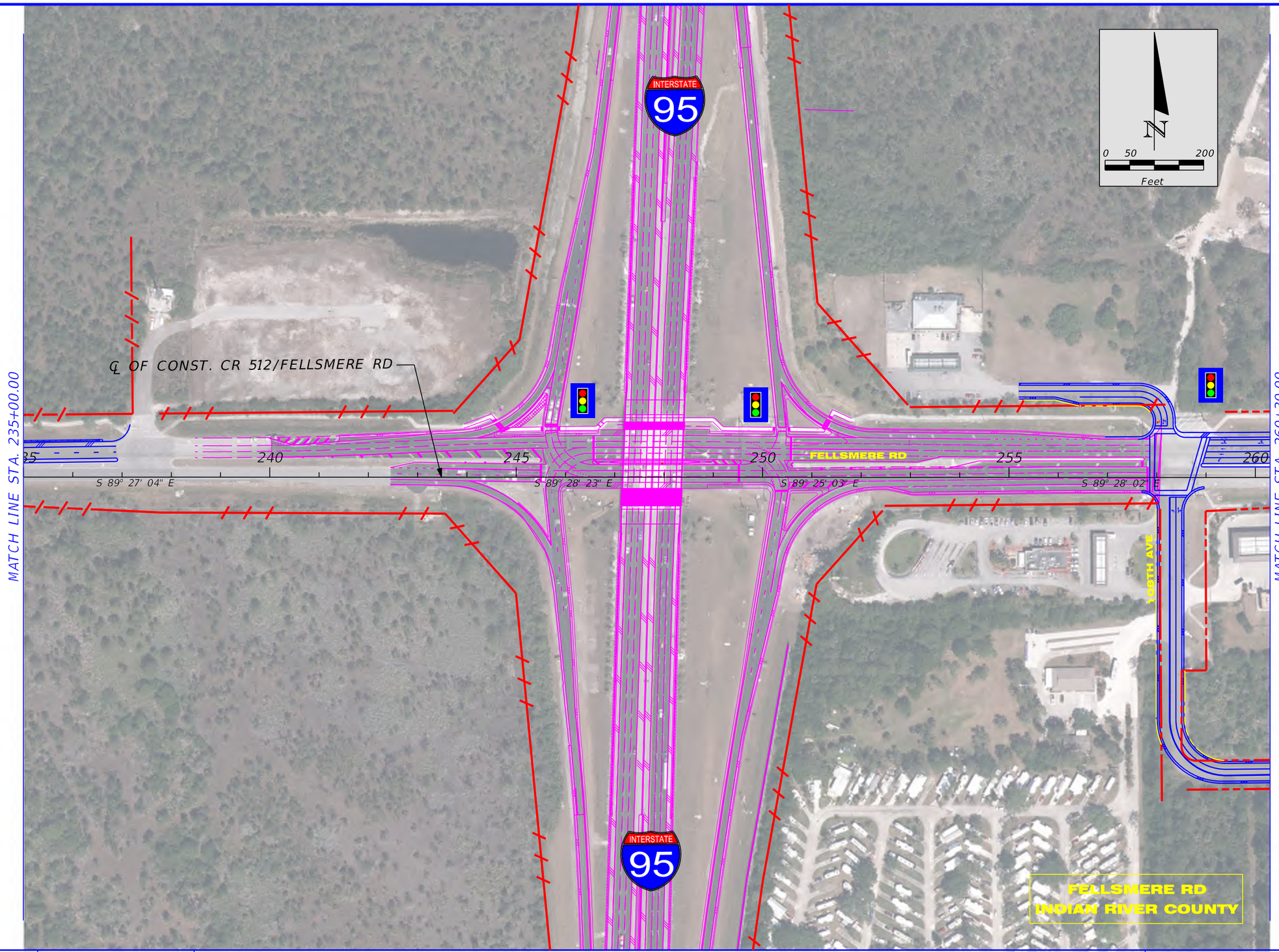
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 1



FDOT

Multimodal Master Plan TREASURE COAST

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

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PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 2

N

0 50 200

Feet

℄ OF CONST. CR 512/FELLSMERE RD

MATCH LINE STA. 260+30.00

265 270 275 280 285

S 89° 26' 26" E

FELLSMERE RD

512 COUNTY

107TH AVE

106TH AVE

105TH CT

105TH AVE

104TH CT

104TH AVE

FELLSMERE RD
INDIAN RIVER COUNTY

FDOT

Multimodal Master Plan TREASURE COAST

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
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PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

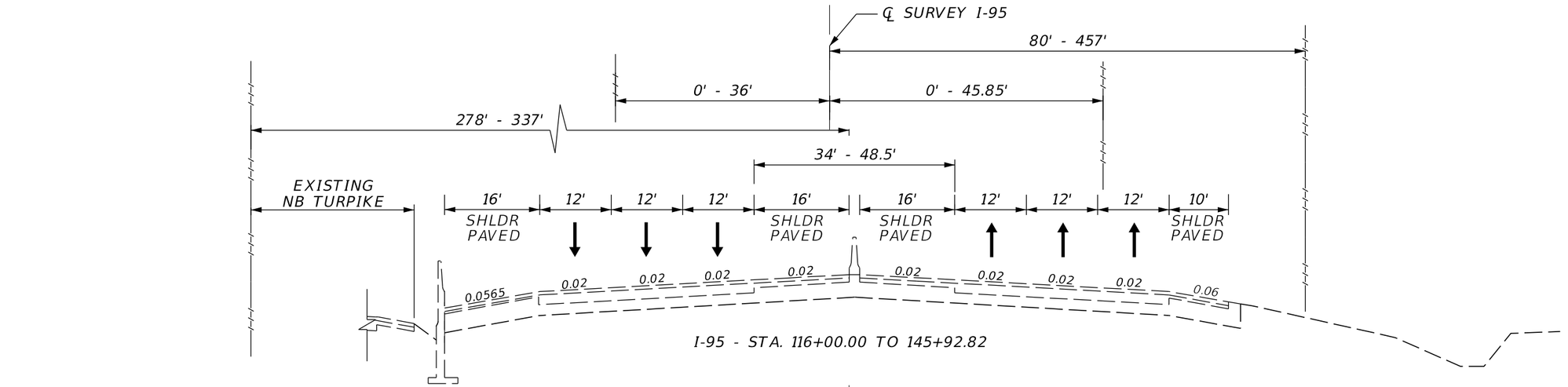
EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

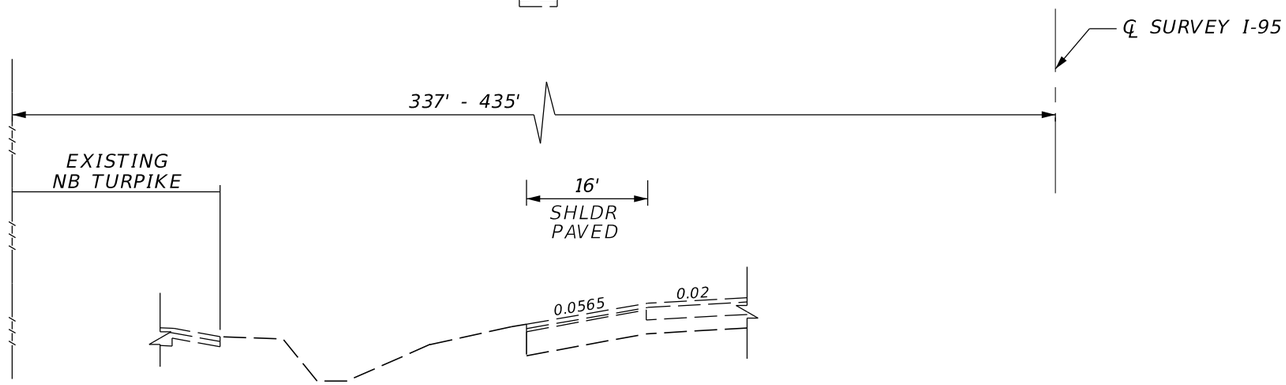
SHEET NO. 3

Appendix D

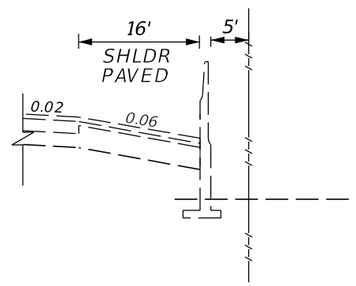
Typical Sections



I-95 - STA. 116+00.00 TO 145+92.82



I-95 - STA. 134+57.00 TO 145+92.82



I-95 - STA. 116+00.00 TO 117+70.00

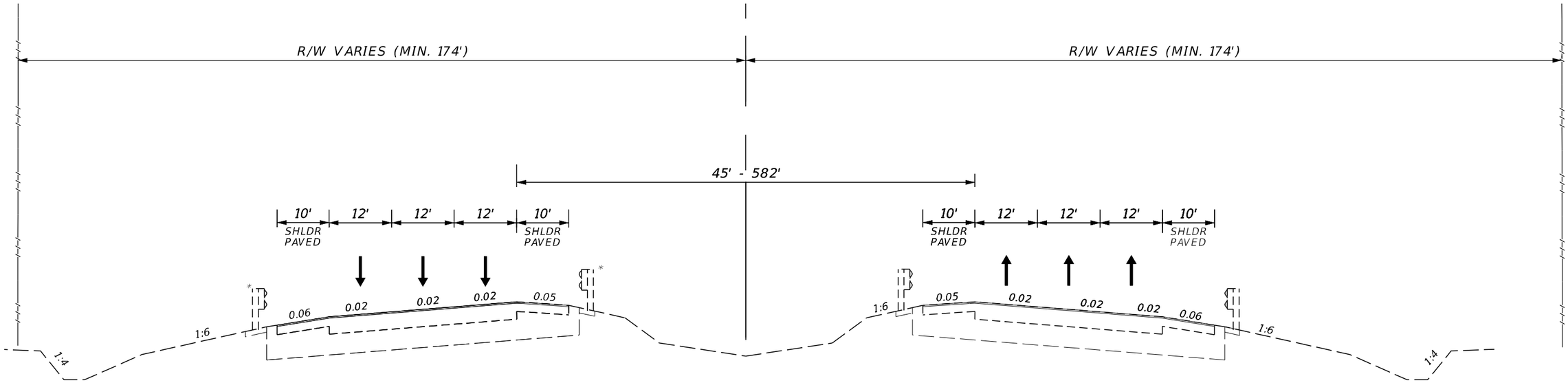
SR 9 / I-95

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

TYPICAL SECTION

SHEET NO. 1



I-95 - STA. 145+92.82 TO 182+26.75
I-95 - STA. 184+26.75 TO 510+32.78
I-95 - STA. 512+10.03 TO 567+77.60
I-95 - STA. 568+57.60 TO 761+63.40
I-95 - STA. 763+71.90 TO 810+00.00
I-95 - STA. 819+07.00 TO 847+37.70
I-95 - STA. 851+23.70 TO 1260+06.50
I-95 - STA. 1262+32.50 TO 3229+55.90
I-95 - STA. 3231+83.90 TO 3324+71.45
I-95 - STA. 3328+87.45 TO 3363+34.65

I-95 - STA. 3385+10.07 TO 3568+18.10
I-95 - STA. 3572+95.43 TO 3642+04.20
I-95 - STA. 3644+46.60 TO 3735+50.00
I-95 - STA. 3737+58.00 TO 3759+88.00
I-95 - STA. 3768+82.00 TO 3770+00.00
I-95 - STA. 4245+00.00 TO 4276+50.00
I-95 - STA. 4279+30.56 TO 8201+26.00
I-95 - STA. 8234+49.55 TO 8280+00.00
I-95 - STA. 8325+00.00 TO 8803+60.94
I-95 - STA. 8805+49.61 TO 9013+16.03

I-95 - STA. 145+92.82 TO 181+85.75
I-95 - STA. 183+85.75 TO 510+22.74
I-95 - STA. 511+99.99 TO 567+09.00
I-95 - STA. 567+89.00 TO 761+45.50
I-95 - STA. 763+57.00 TO 810+00.00
I-95 - STA. 819+07.00 TO 849+24.70
I-95 - STA. 853+14.51 TO 1258+73.40
I-95 - STA. 1260+99.40 TO 3229+31.80
I-95 - STA. 3231+59.80 TO 3324+54.40

I-95 - STA. 3328+70.40 TO 3363+34.65
I-95 - STA. 3390+00.00 TO 3569+39.25
I-95 - STA. 3574+16.58 TO 3643+50.00
I-95 - STA. 3645+92.40 TO 3734+93.20
I-95 - STA. 3737+01.20 TO 3763+54.40
I-95 - STA. 4245+00.00 TO 4275+61.90
I-95 - STA. 4278+42.46 TO 8201+26.00
I-95 - STA. 8234+49.55 TO 8280+00.00
I-95 - STA. 8325+00.00 TO 8803+66.21
I-95 - STA. 8805+54.88 TO 9013+16.03

SR 9 / I-95

FDOT

Multimodal Master Plan TREASURE COAST

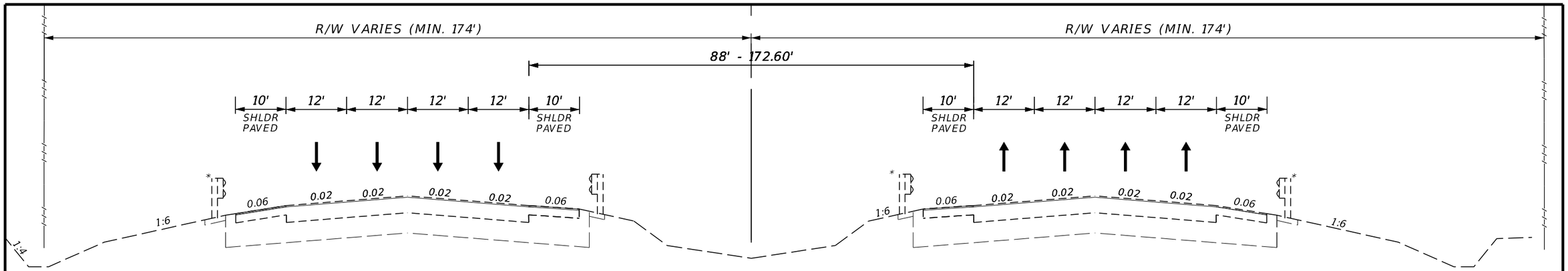
I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

TYPICAL SECTION

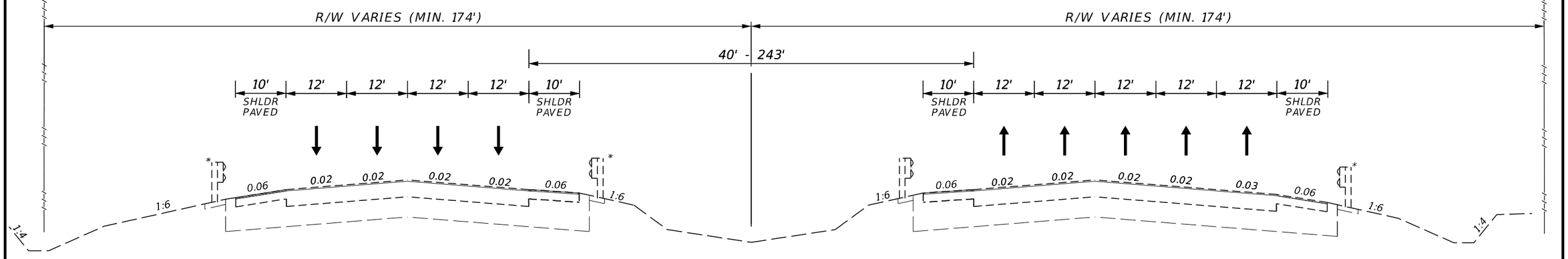
SHEET NO.

2



I-95 - STA. 3363+34.65 TO 3385+10.07
I-95 - STA. 3845+00.00 TO 3933+56.20
I-95 - STA. 3935+68.78 TO 3965+37.65
I-95 - STA. 3937+12.15 TO 4066+75.83
I-95 - STA. 4071+68.39 TO 4245+00.00

I-95 - STA. 3363+34.65 TO 3390+00.00
I-95 - STA. 3845+00.00 TO 3933+09.68
I-95 - STA. 3935+22.26 TO 3966+01.00
I-95 - STA. 3967+75.50 TO 4071+28.50
I-95 - STA. 4076+21.06 TO 4245+00.00



I-95 - STA. 3770+00.00 TO 3815+24.18
I-95 - STA. 3817+69.35 TO 3845+00.00

I-95 - STA. 3772+48.40 TO 3815+53.79
I-95 - STA. 3817+98.96 TO 3845+00.00

SR 9 / I-95

FDOT

Multimodal Master Plan TREASURE COAST

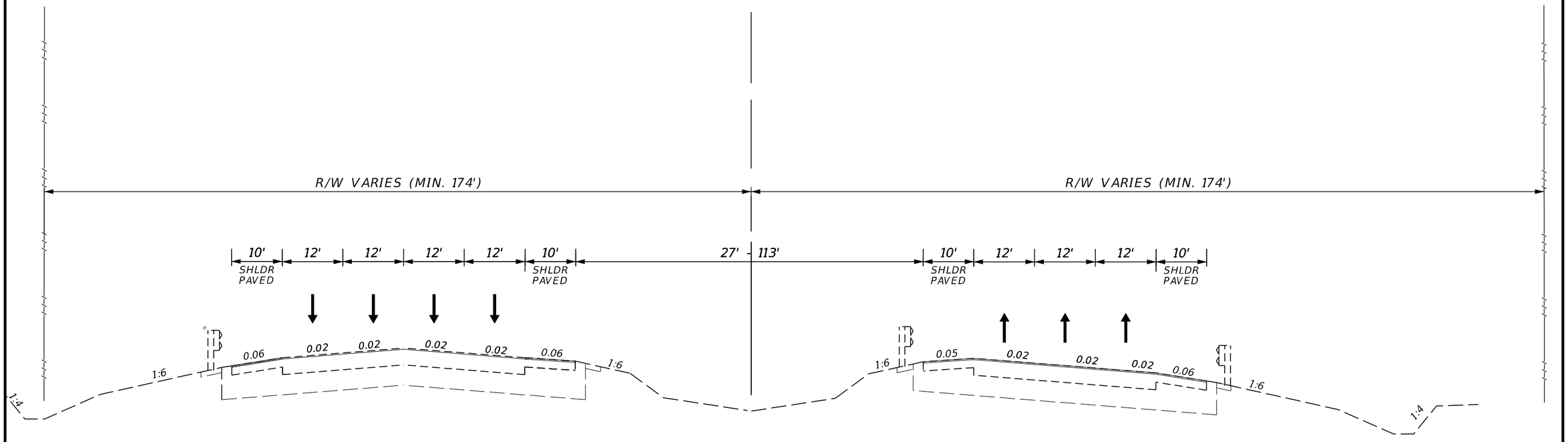
I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

TYPICAL SECTION

SHEET NO.

3

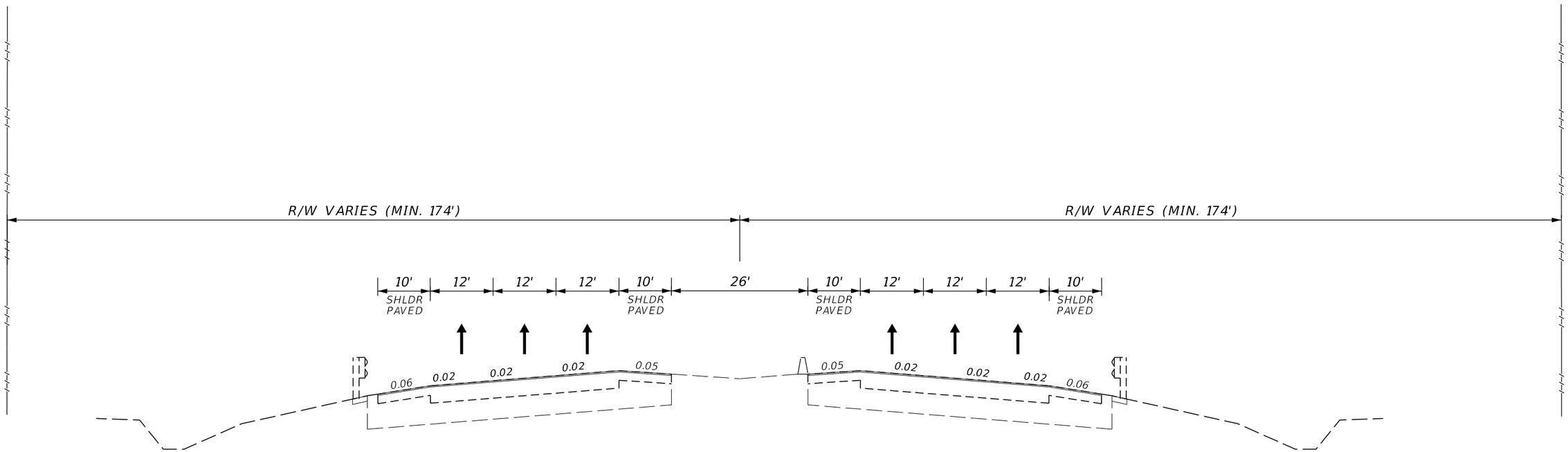


I-95 - STA. 8280+00.00 TO 8325+00.00

I-95 - STA. 8280+00.00 TO 8325+00.00

SR 9 / I-95

FDOT	Multimodal Master Plan TREASURE COAST	**I-95 Multimodal Master Plan** *FPID No.: 436577-1-22-01* *FDOT-District 4*	*TITLE:* TYPICAL SECTION	*SHEET NO.* 4



I-95 - STA. 8201+26.00 TO 8210+69.40
I-95 - STA. 8213+28.15 TO 8218+06.50
I-95 - STA. 8220+85.50 TO 8234+56.96

I-95 - STA. 8201+26.00 TO 8210+69.40
I-95 - STA. 8213+28.15 TO 8218+06.50
I-95 - STA. 8220+85.50 TO 8234+56.96

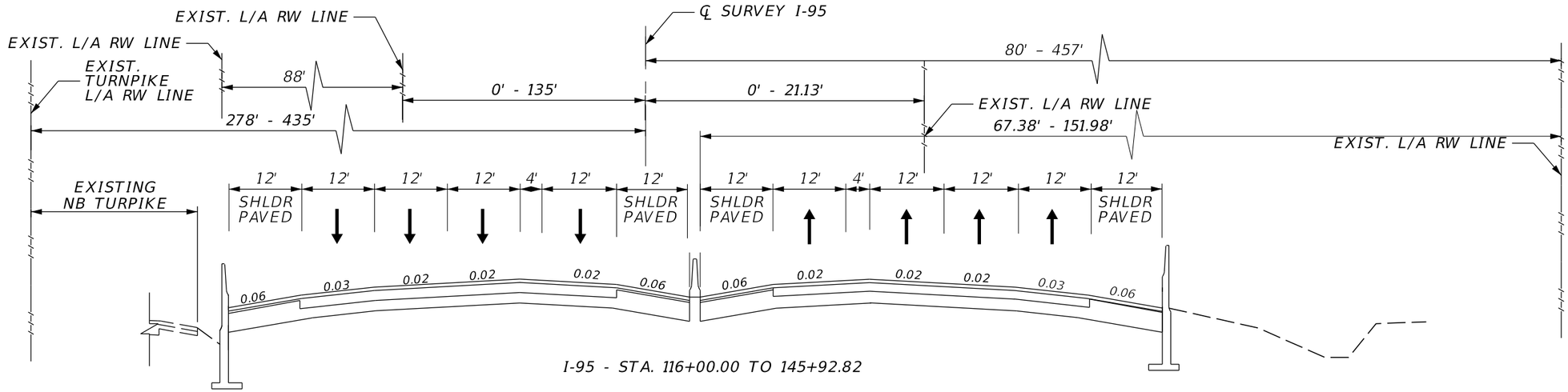
SR 9 / I-95

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

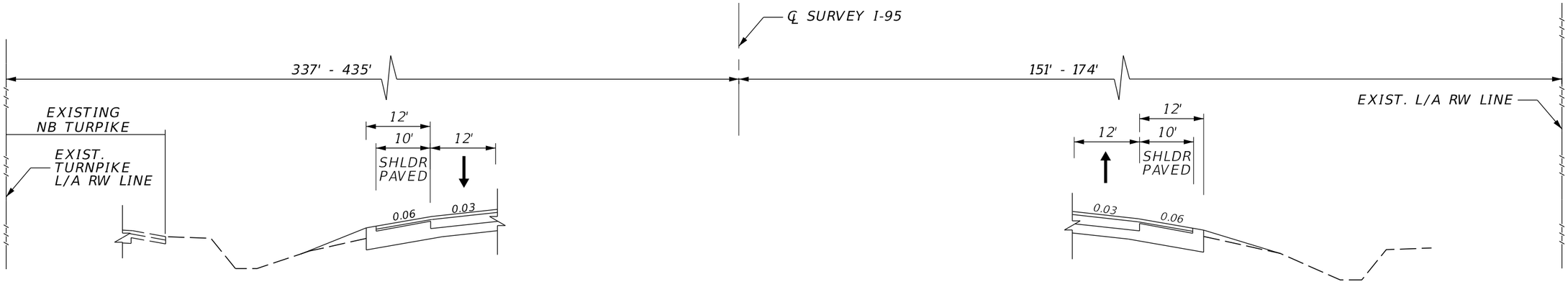
TITLE:

TYPICAL SECTION

SHEET NO. 5



I-95 - STA. 116+00.00 TO 145+92.82



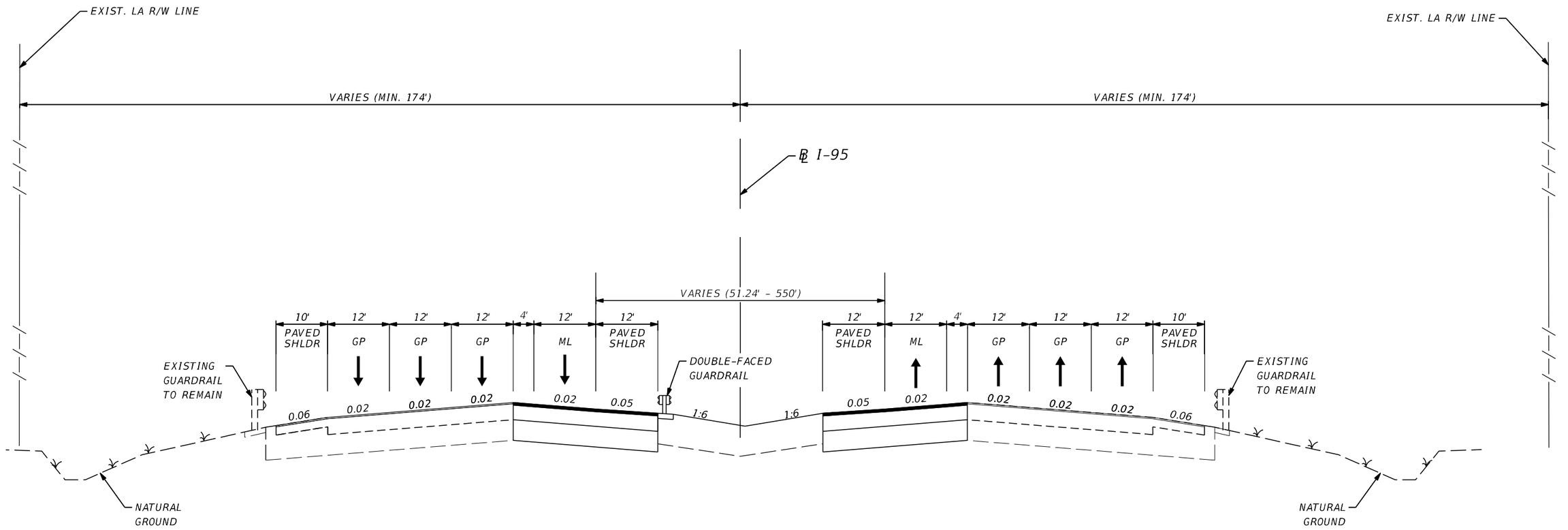
I-95 - STA. 133+20.00 TO 145+92.82

I-95 - STA. 143+44.50 TO 145+92.82

SR 9 / I-95

FDOT	Multimodal Master Plan TREASURE COAST	**I-95 Multimodal Master Plan** *FPID No.: 436577-1-22-01* *FDOT-District 4*	*TITLE:* TYPICAL SECTION	*SHEET NO.* 6

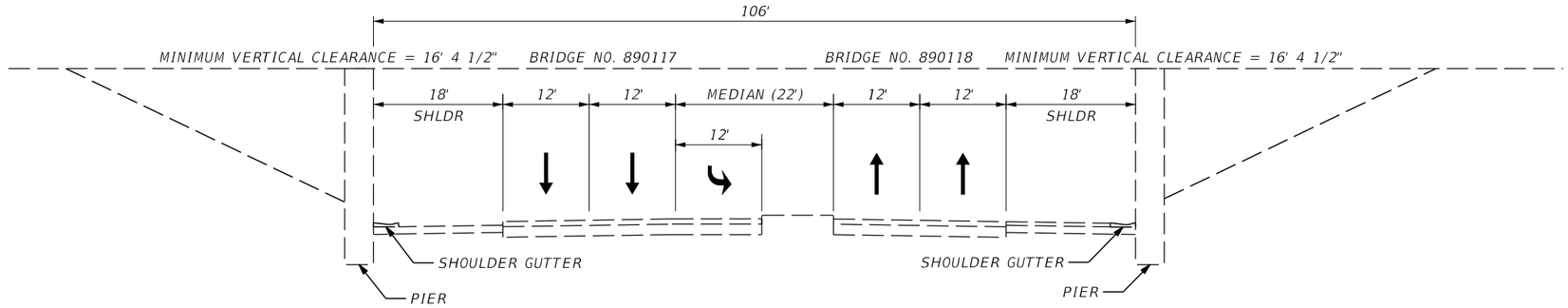
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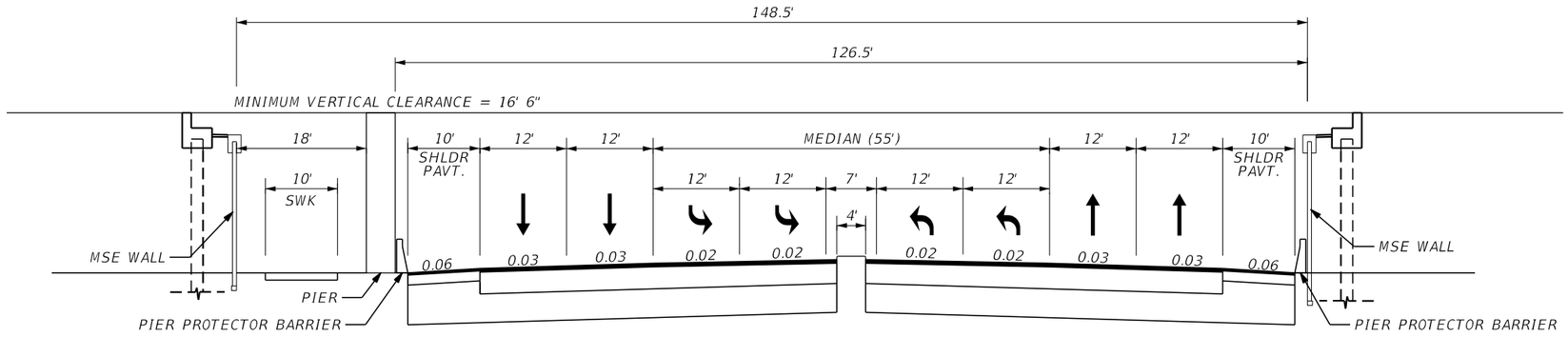
STA. 145+92.82 TO STA. 3785+74.00

SR 9 / I-95

FDOT	Multimodal Master Plan TREASURE COAST	**I-95 Multimodal Master Plan** *FPID No.: 436577-1-22-01* *FDOT-District 4*	*TITLE:* TYPICAL SECTION	*SHEET NO.* 7



EXISTING TYPICAL SECTION
CR 708 / SE BRIDGE RD
STA. 2620+61.29 TO STA. 2626+12.09



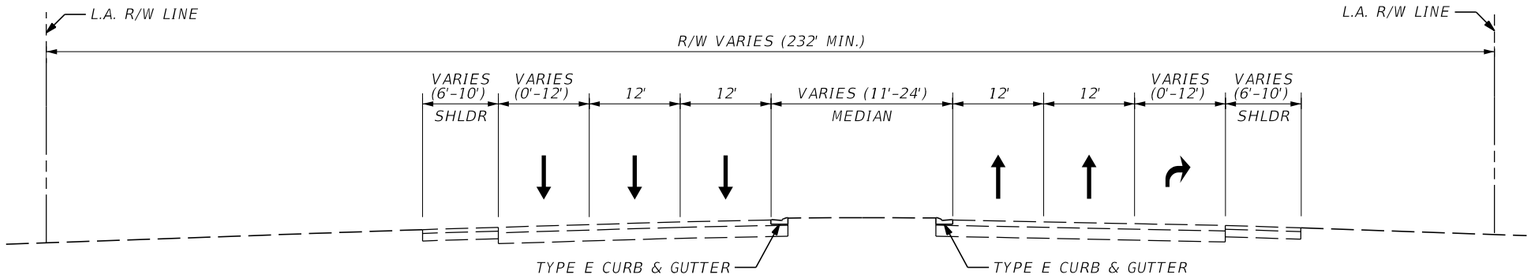
PURPOSED TYPICAL SECTION
CR 708 / SE BRIDGE RD
STA. 2620+61.29 TO STA. 2626+12.09

CR 708 / SE Bridge Road

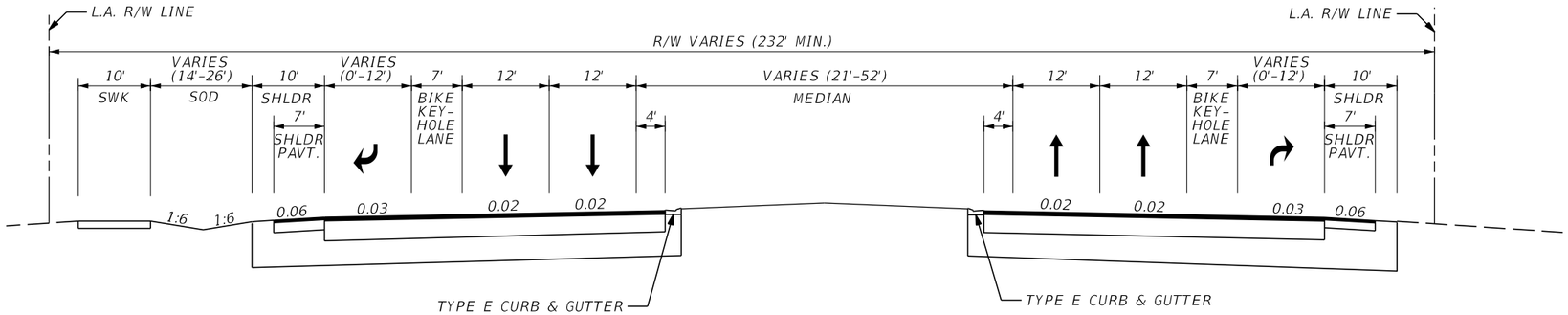
I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:
TYPICAL SECTION

SHEET NO.
8



EXISTING TYPICAL SECTION
CR 708 / SE BRIDGE RD
STA. 2607+45.81 TO STA. 2620+61.29
STA. 2626+12.09 TO STA. 2640+52.86



PURPOSED TYPICAL SECTION
CR 708 / SE BRIDGE RD
STA. 2607+45.81 TO STA. 2620+61.29
STA. 2626+12.09 TO STA. 2640+52.86

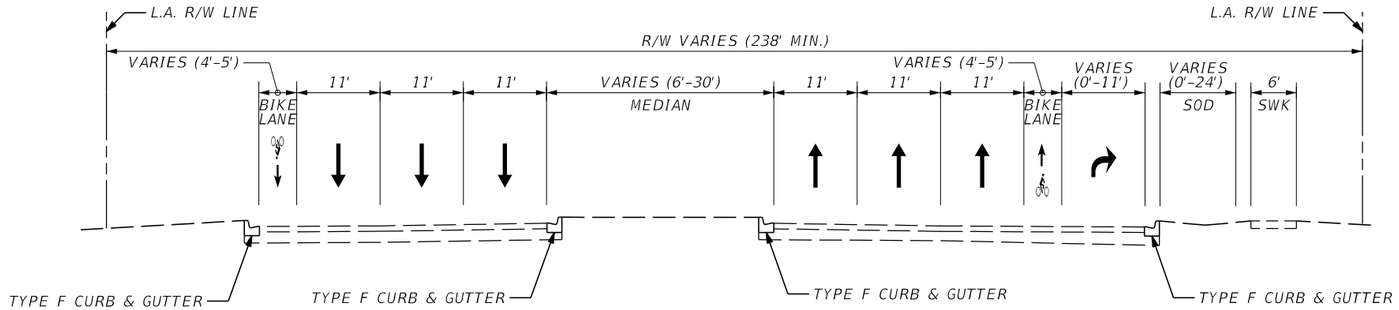
CR 708 / SE Bridge Road

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

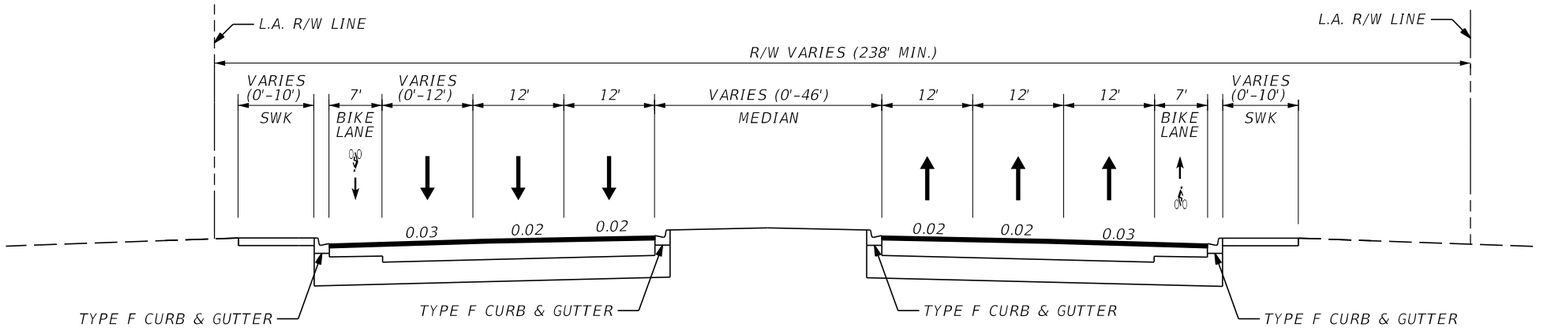
TITLE:
TYPICAL SECTION

SHEET NO.
9

AMATHURA 6/5/2020 8:49:58 AM PW:\6328\10067892\6.0_CAD_BIM\6.2_Work_In_Progress\43657712201\roadway\TYPSRD05



EXISTING TYPICAL SECTION
SR 76 / KANNER HWY
STA. 802+00.00 TO STA. 816+50.00



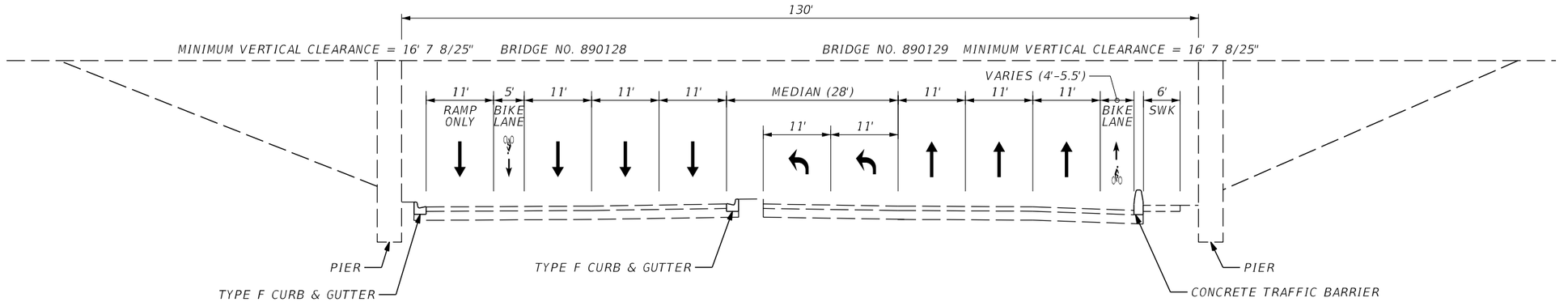
PURPOSED TYPICAL SECTION
SR 76 / KANNER HWY
STA. 802+00.00 TO STA. 816+50.00

SR 76 / SW Kanner Highway

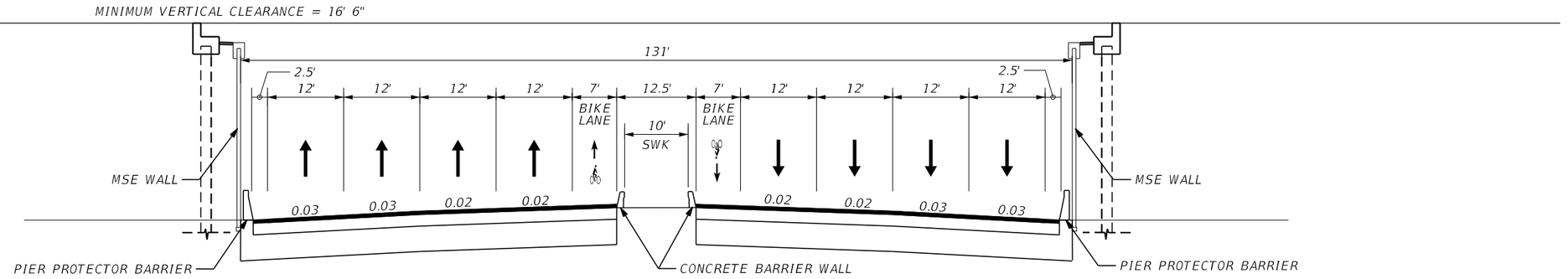
I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE: TYPICAL SECTION

SHEET NO. 10



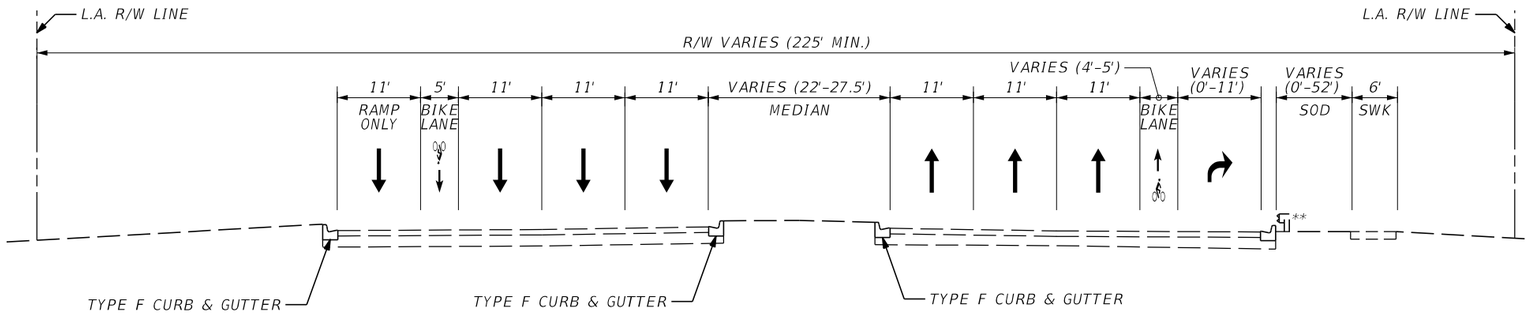
EXISTING TYPICAL SECTION
SR 76 / KANNER HWY
STA. 816+50.00 TO STA. 825+00.00



PURPOSED TYPICAL SECTION
SR 76 / KANNER HWY
STA. 816+50.00 TO STA. 825+00.00

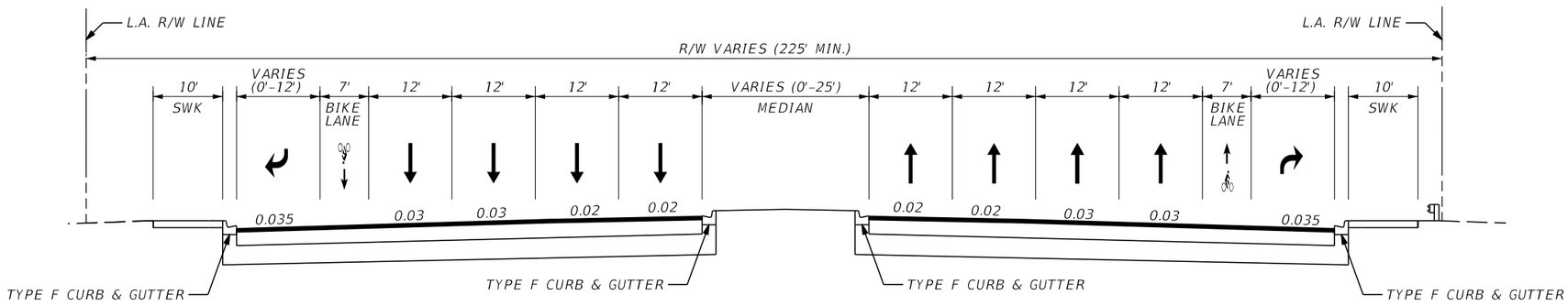
SR 76 / SW Kanner Highway

FDOT	Multimodal Master Plan TREASURE COAST	**I-95 Multimodal Master Plan** *FPID No.: 436577-1-22-01* *FDOT-District 4*	*TITLE:* *TYPICAL SECTION*	*SHEET NO.* 11



** EB FROM STA 832+00.00 TO STA. 836+00.00

EXISTING TYPICAL SECTION
SR 76 / KANNER HWY
STA. 825+00.00 TO STA. 837+00.00



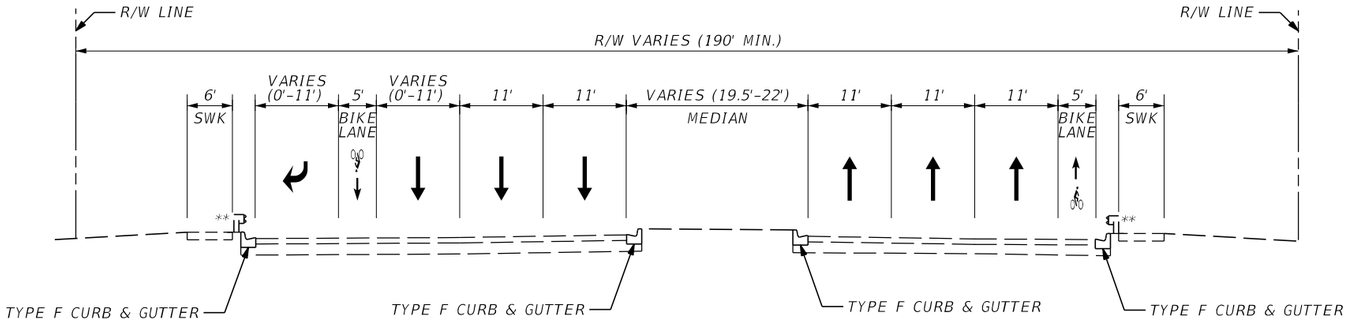
PURPOSED TYPICAL SECTION
SR 76 / KANNER HWY
STA. 825+00.00 TO STA. 837+00.00

SR 76 / SW Kanner Highway

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

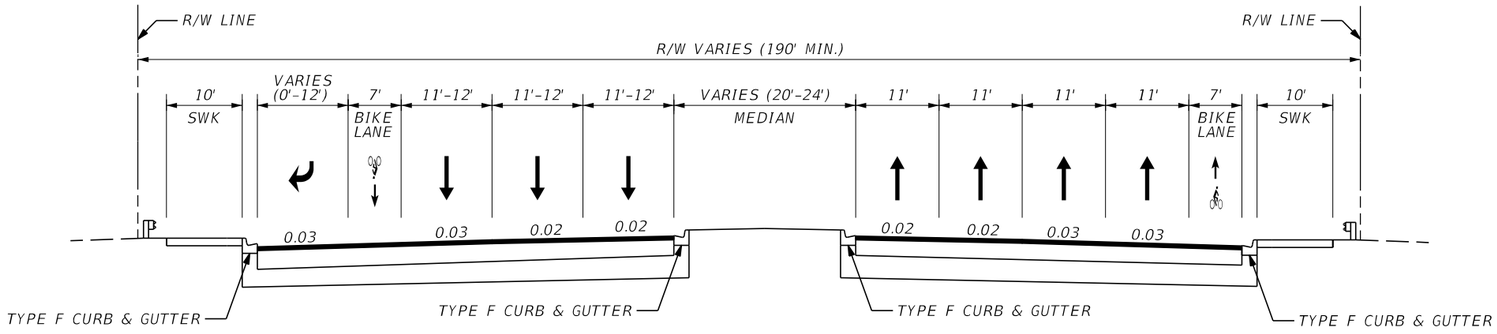
TITLE: TYPICAL SECTION

SHEET NO. 12



** EB FROM STA 837+00 TO STA 845+00
STA 846+67 TO STA 855+00
WB FROM STA 842+60 TO STA 845+00
STA 846+67 TO STA 855+00

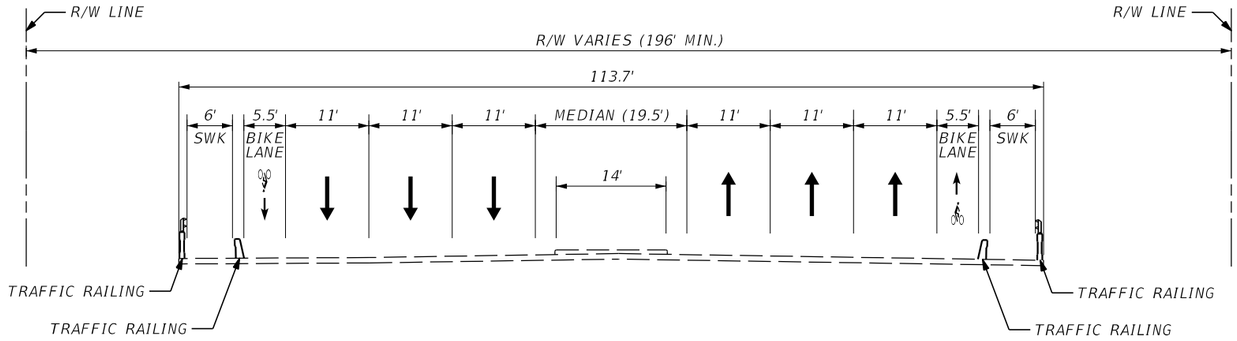
EXISTING TYPICAL SECTION
SR 76 / KANNER HWY
STA. 837+00.00 TO STA. 845+00.00
STA. 846+83.44 TO STA. 855+00.00



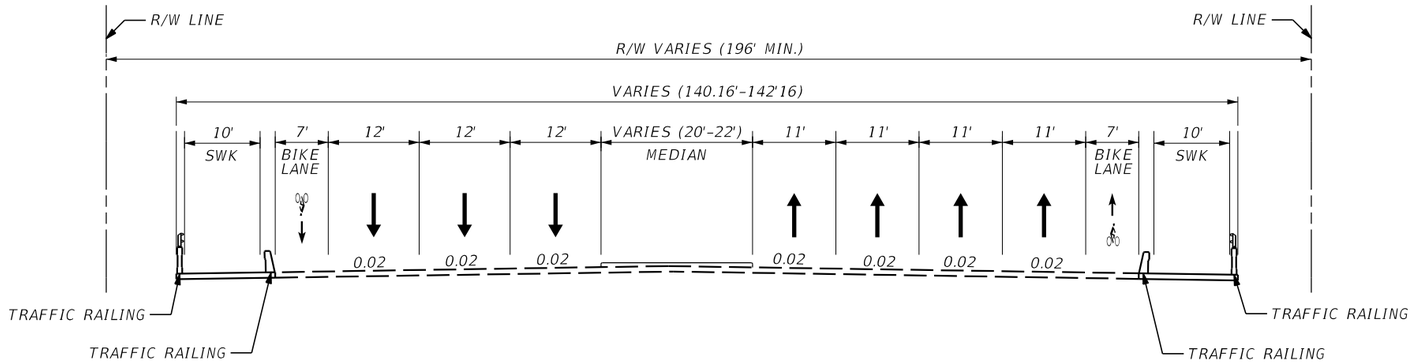
PURPOSED TYPICAL SECTION
SR 76 / KANNER HWY
STA. 837+00.00 TO STA. 845+00.00
STA. 846+83.44 TO STA. 855+00.00

SR 76 / SW Kanner Highway

FDOT	I-95 Multimodal Master Plan TREASURE COAST	**I-95 Multimodal Master Plan** *FPID No.: 436577-1-22-01* *FDOT-District 4*	*TITLE:* *TYPICAL SECTION*	*SHEET NO.* 13



EXISTING TYPICAL SECTION
BRIDGE NO. 890127
SR 76 / KANNER HWY OVER FORK ST. LUCIE RIVER
STA. 845+00.00 TO STA. 846+83.44



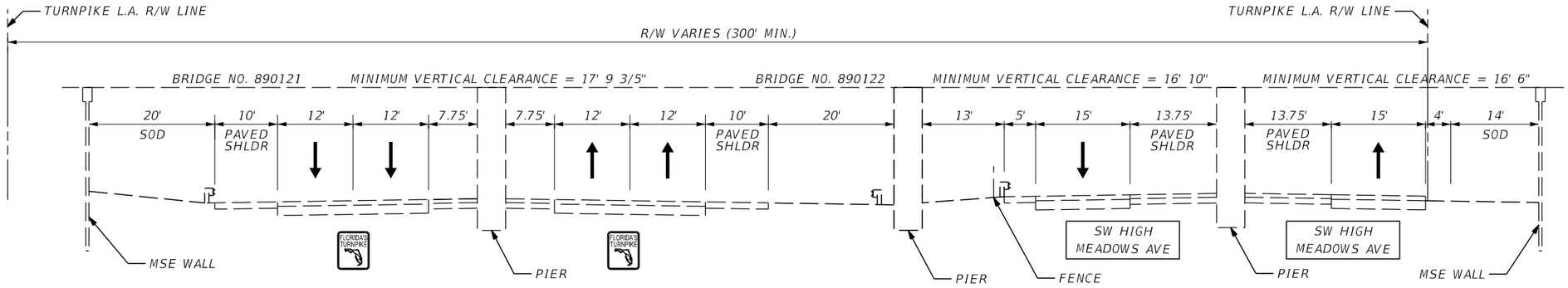
PURPOSED TYPICAL SECTION
BRIDGE NO. 890127
SR 76 / KANNER HWY OVER FORK ST. LUCIE RIVER
STA. 845+00.00 TO STA. 846+83.44

SR 76 / SW Kanner Highway

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:
TYPICAL SECTION

SHEET NO.
14



EXISTING TYPICAL SECTION
SW HIGH MEADOW AVE
STA. 906+00.00 TO STA. 910+00.00

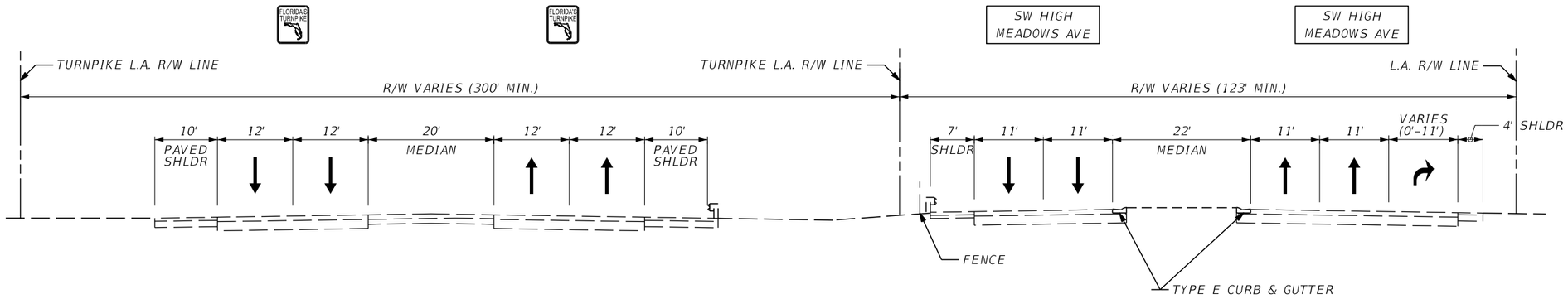
SW High Meadow Avenue

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE: TYPICAL SECTION

SHEET NO. 15

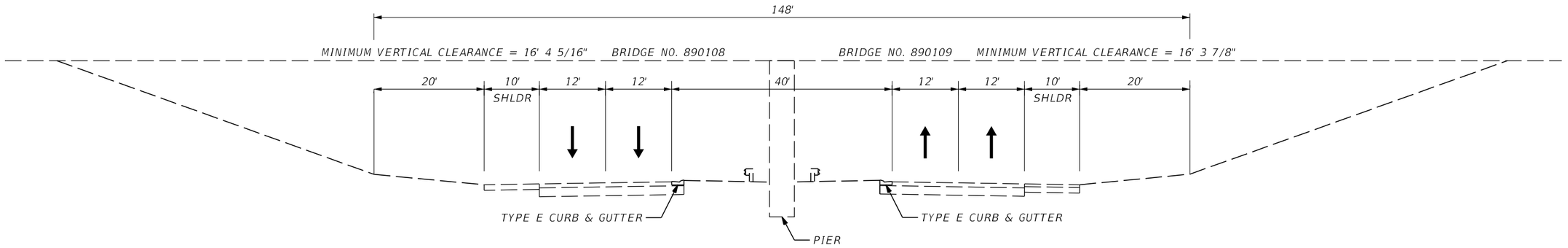
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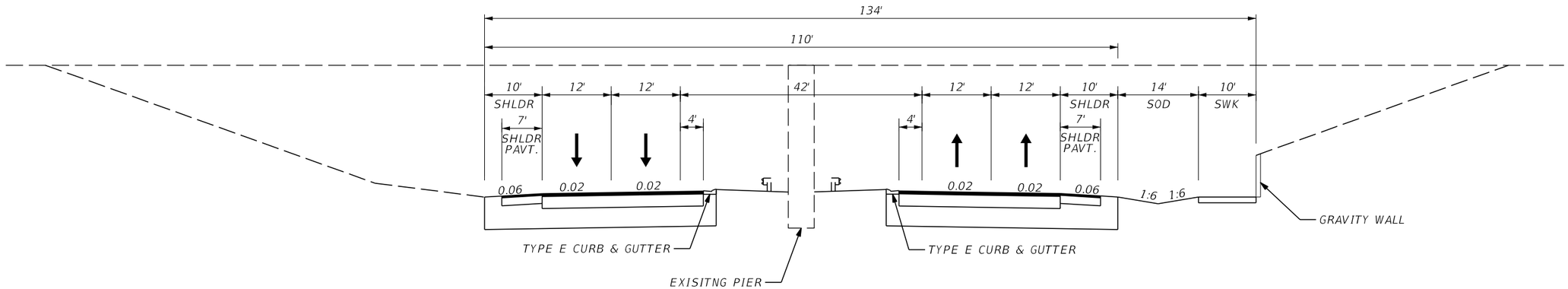
EXISTING TYPICAL SECTION
SW HIGH MEADOW AVE
STA. 917+00.00 TO STA. 922+00.00

SW High Meadow Avenue

FDOT	Multimodal Master Plan TREASURE COAST	**I-95 Multimodal Master Plan** *FPID No.: 436577-1-22-01* *FDOT-District 4*	*TITLE:* *TYPICAL SECTION*	*SHEET NO.* 16



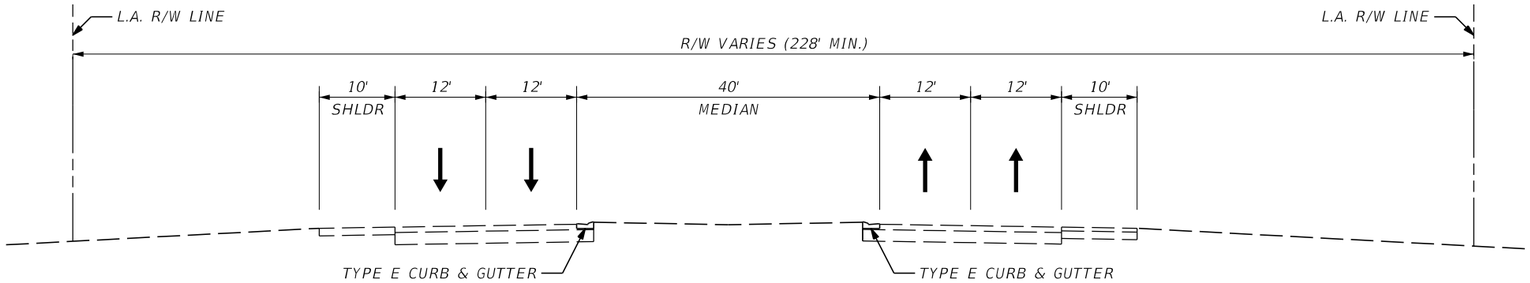
EXISTING TYPICAL SECTION
CR 714 / SR 714 / MARTIN HWY
STA. 2125+40.00 TO STA. 2135+00.00



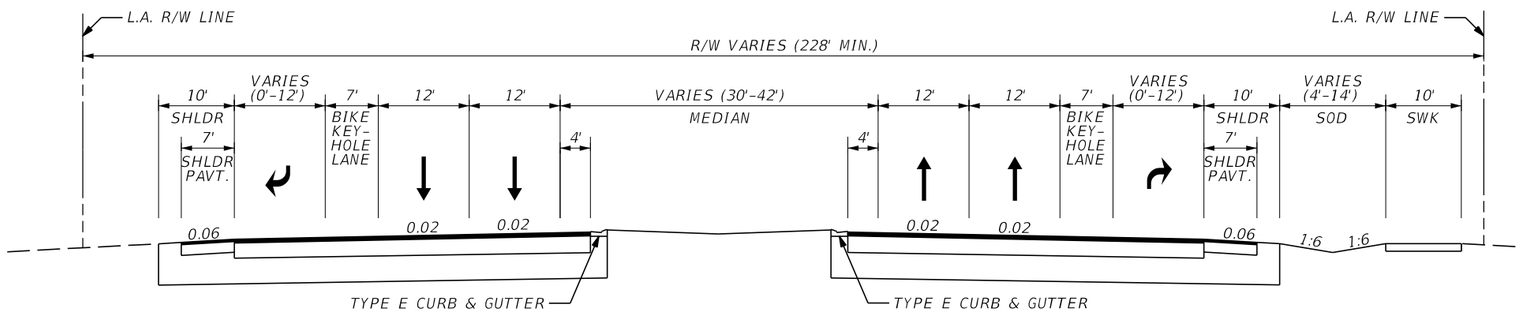
PURPOSED TYPICAL SECTION
CR 714 / SR 714 / MARTIN HWY
STA. 2125+40.00 TO STA. 2135+00.00

CR 714 / SR 714 / SW Martin Highway

FDOT	Multimodal Master Plan TREASURE COAST	**I-95 Multimodal Master Plan** *FPID No.: 436577-1-22-01* *FDOT-District 4*	*TITLE:* *TYPICAL SECTION*	*SHEET NO.* 17



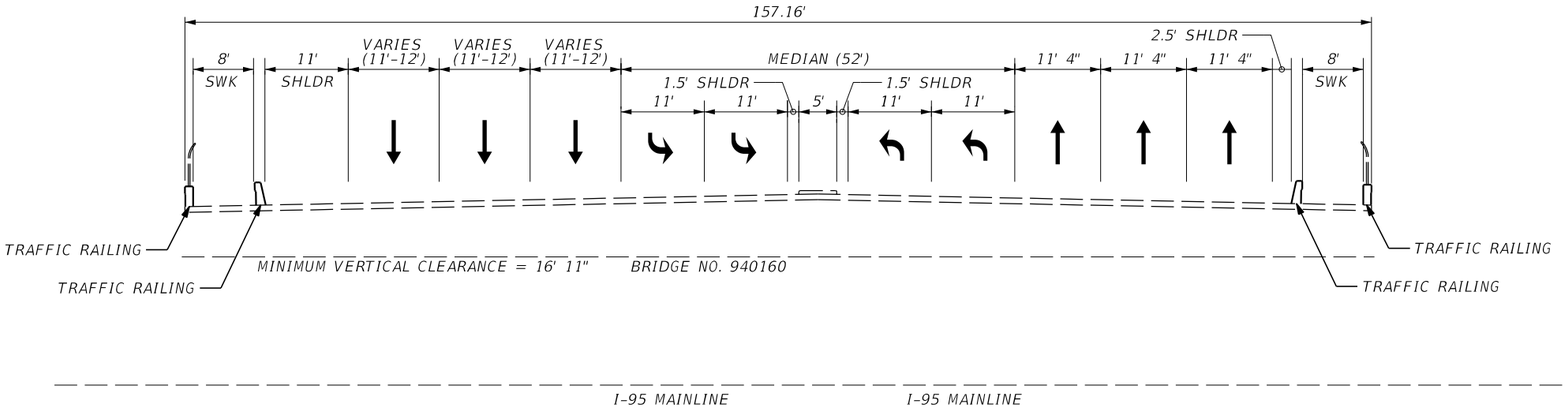
EXISTING TYPICAL SECTION
CR 714 / SR 714 / MARTIN HWY
STA. 2110+00.00 TO STA. 2125+40.00
STA. 2135+00.00 TO STA. 2151+00.00



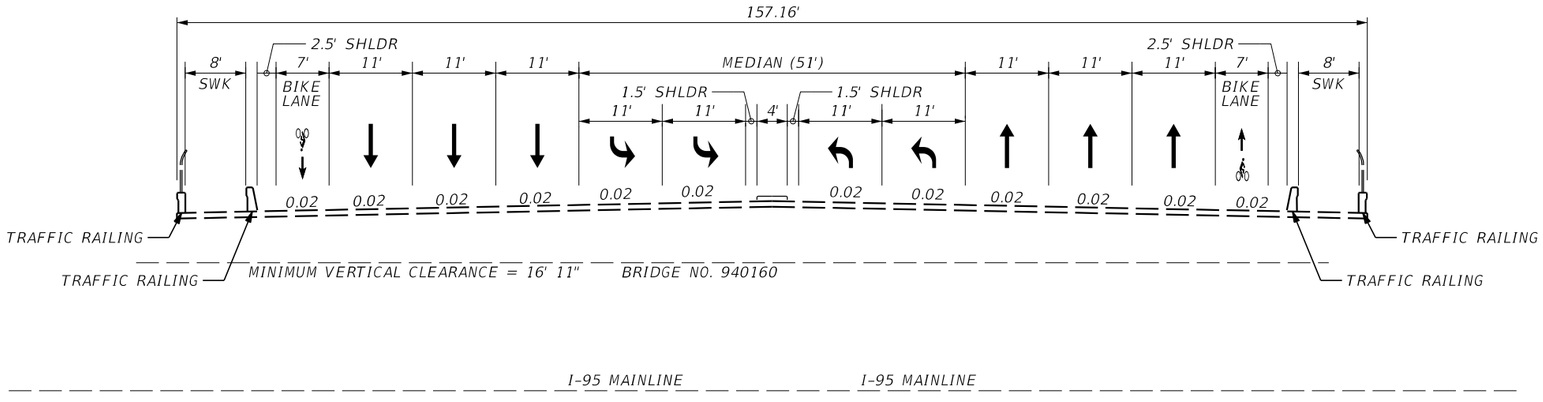
PURPOSED TYPICAL SECTION
CR 714 / SR 714 / MARTIN HWY
STA. 2110+00.00 TO STA. 2125+40.00
STA. 2135+00.00 TO STA. 2151+00.00

CR 714 / SR 714 / SW Martin Highway

FDOT	Multimodal Master Plan TREASURE COAST	**I-95 Multimodal Master Plan** *FPID No.: 436577-1-22-01* *FDOT-District 4*	*TITLE:* *TYPICAL SECTION*	*SHEET NO.* 18



EXISTING TYPICAL SECTION
SW BECKER RD
STA. 543+00.00 TO STA. 546+00.00



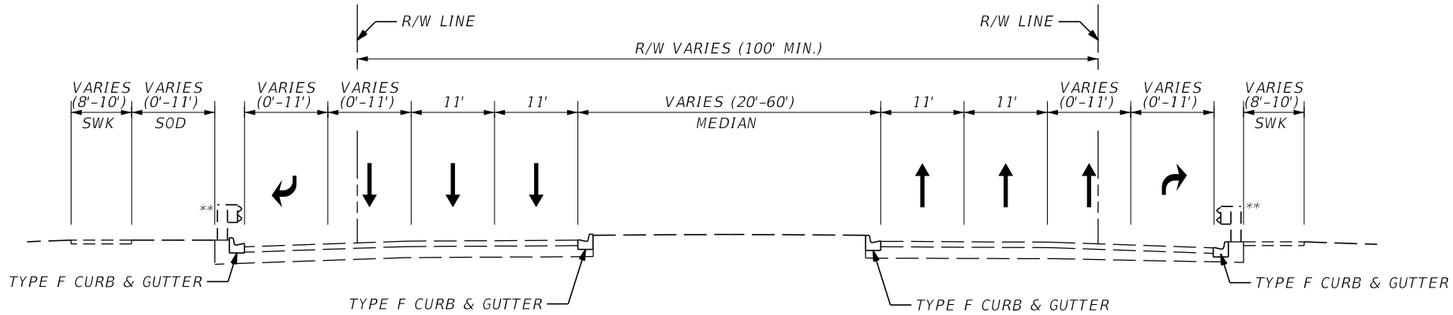
PURPOSED TYPICAL SECTION
SW BECKER RD
STA. 543+00.00 TO STA. 546+00.00

SW Becker Road

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

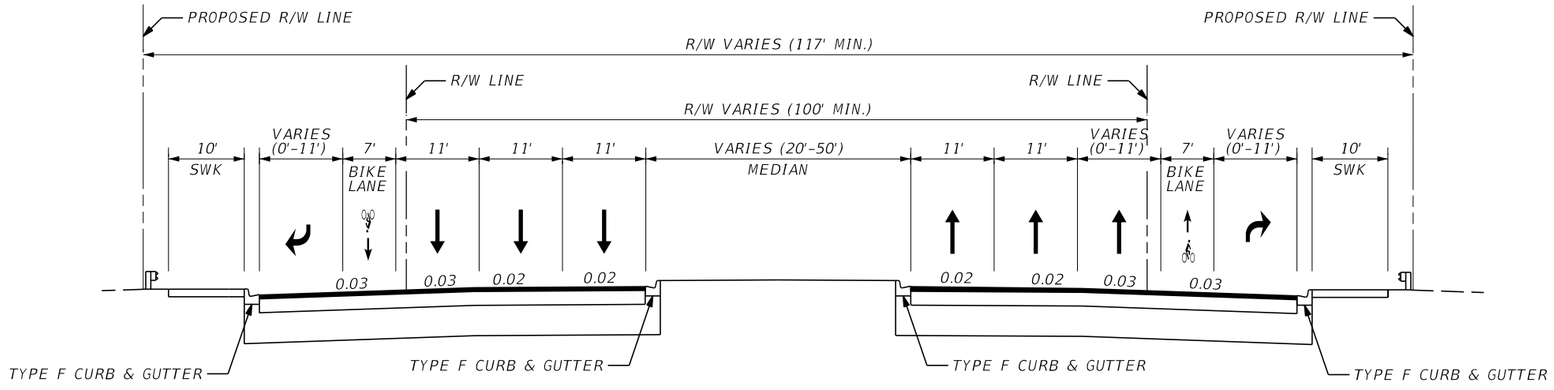
TITLE: TYPICAL SECTION

SHEET NO. 19



** EB FROM STA 535+10 TO 541+72
STA 547+57 TO 553+60
WB FROM STA 534+38 TO 541+87
STA 547+14 TO 553+93

EXISTING TYPICAL SECTION
SW BECKER RD
STA. 500+00.00 TO STA. 543+00.00
STA. 546+00.00 TO STA. 590+00.00



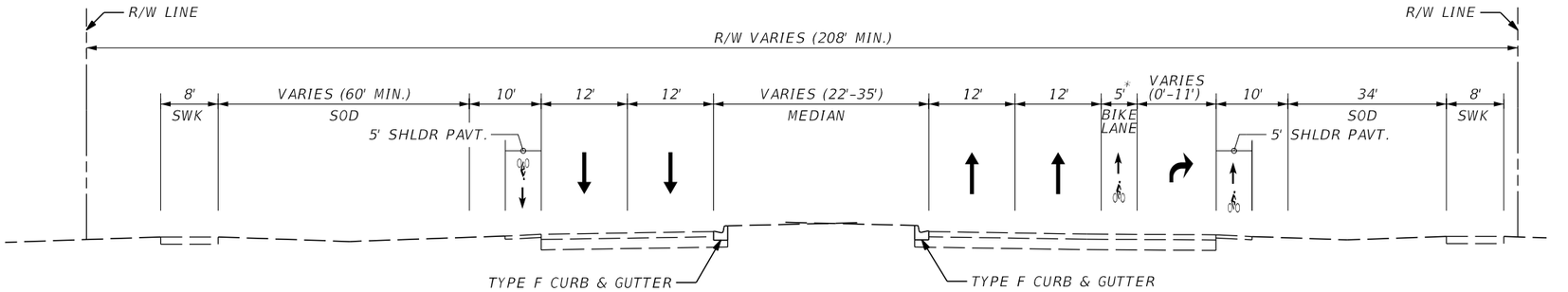
PURPOSED TYPICAL SECTION
SW BECKER RD
STA. 500+00.00 TO STA. 543+00.00
STA. 546+00.00 TO STA. 590+00.00

SW Becker Road

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

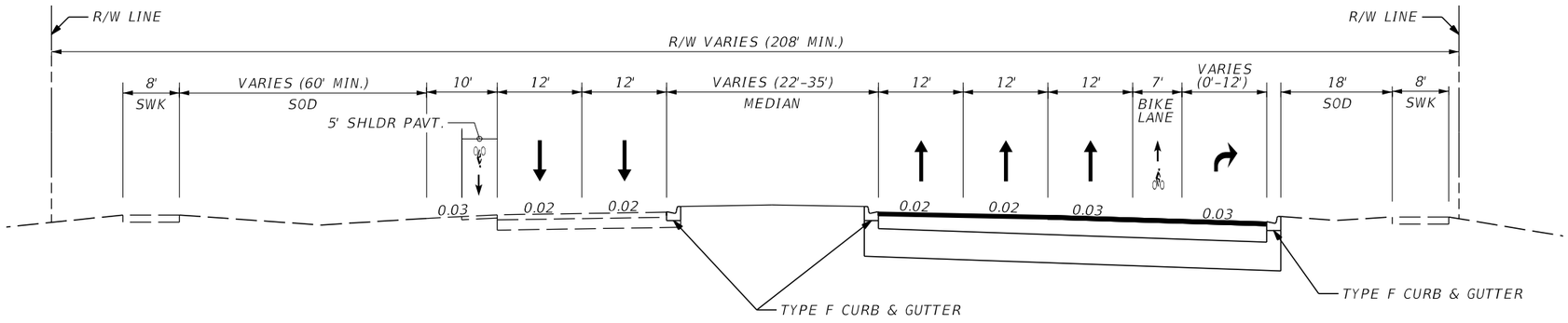
TITLE: TYPICAL SECTION

SHEET NO. 20



* THIS CORRESPONDS TO THE BICYCLE KEYHOLE SITUATION.

EXISTING TYPICAL SECTION
TRADITION PKWY
STA. 595+00.00 TO STA. 605+00.00



PURPOSED TYPICAL SECTION
TRADITION PKWY
STA. 595+00.00 TO STA. 605+00.00

Tradition Parkway / Gatlin Boulevard

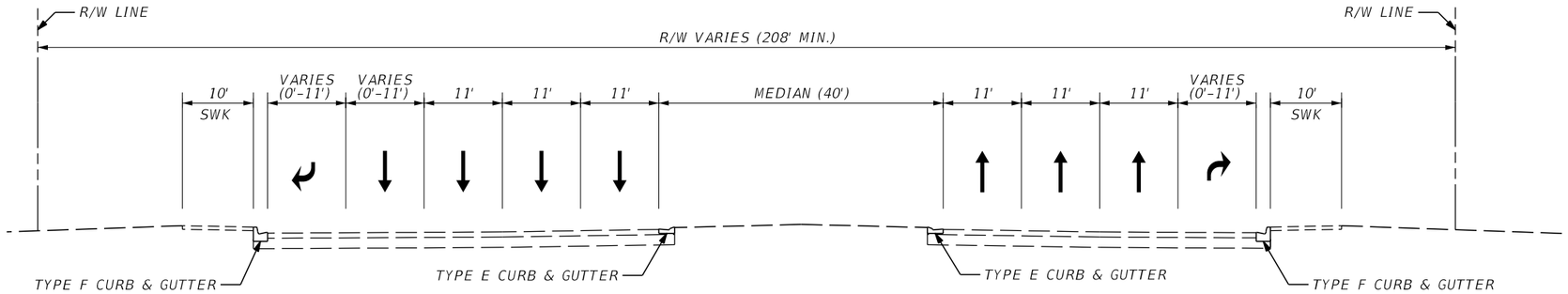
I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:

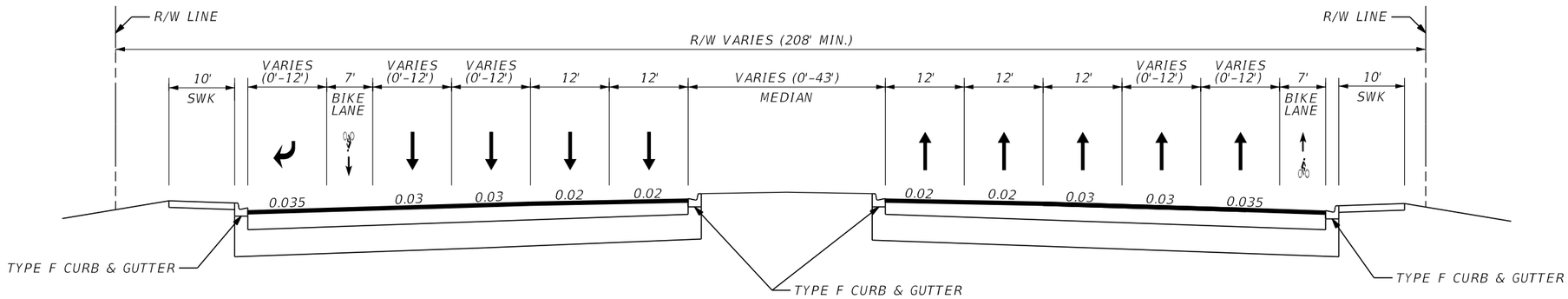
TYPICAL SECTION

SHEET NO.

21



EXISTING TYPICAL SECTION
TRADITION PKWY
STA. 605+00.00 TO STA. 634+00.00



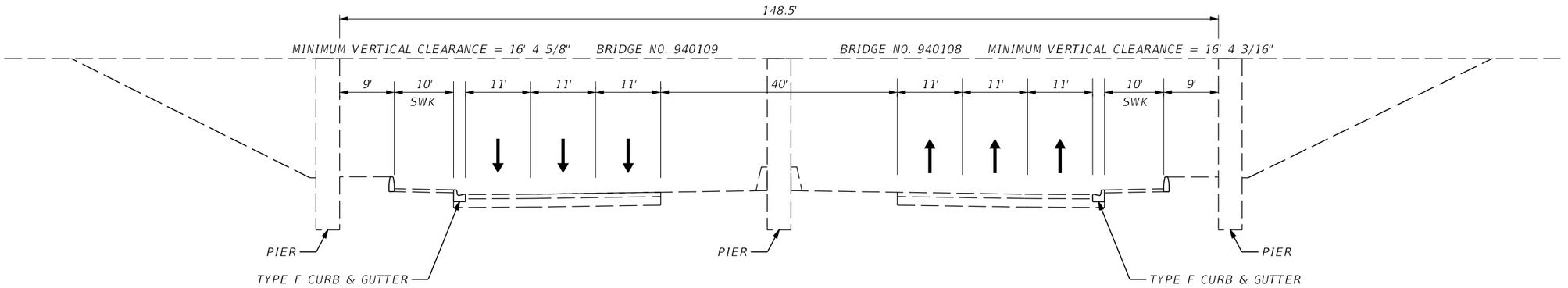
PURPOSED TYPICAL SECTION
TRADITION PKWY
STA. 605+00.00 TO STA. 634+00.00

Tradition Parkway / Gatlin Boulevard

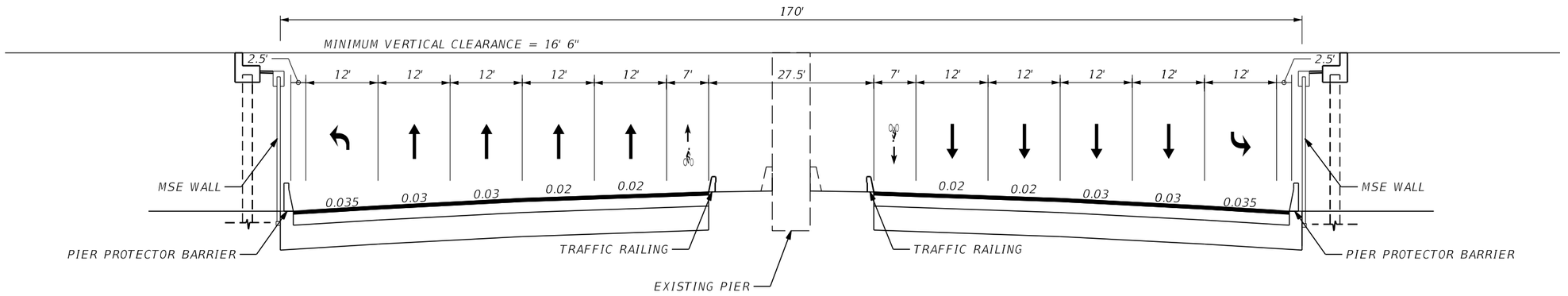
I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:
TYPICAL SECTION

SHEET NO.
22



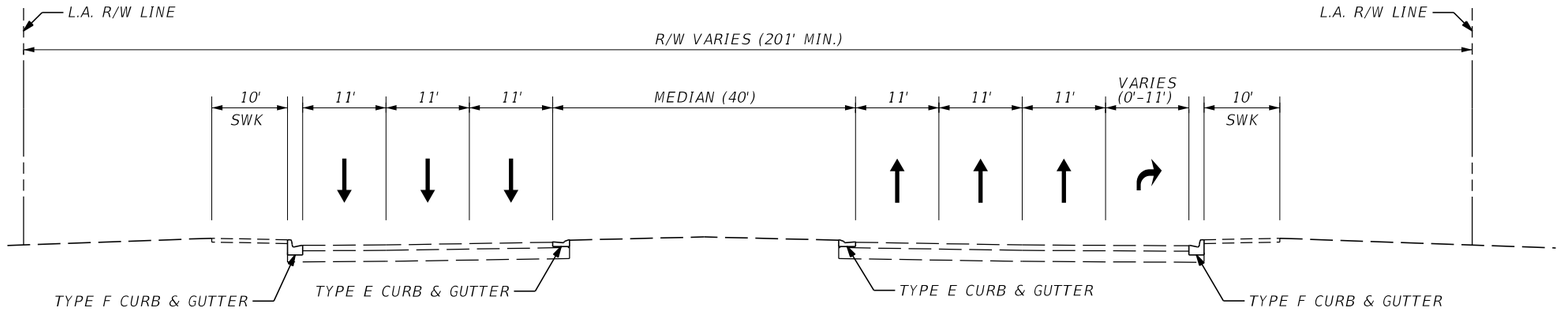
EXISTING TYPICAL SECTION
TRADITION PKWY / GATLIN BLVD
STA. 634+00.00 TO STA. 636+00.00



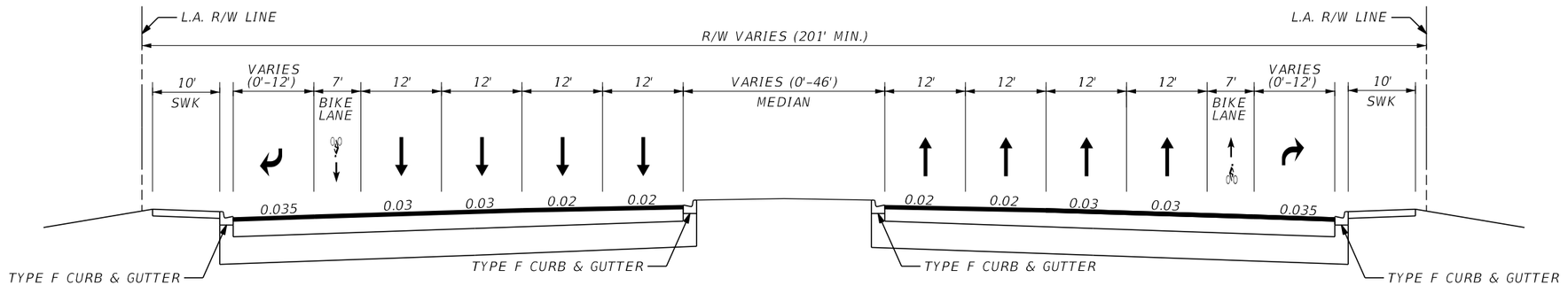
PURPOSED TYPICAL SECTION
TRADITION PKWY / GATLIN BLVD
STA. 634+00.00 TO STA. 636+00.00

Tradition Parkway / Gatlin Boulevard

FDOT	I-95 Multimodal Master Plan TREASURE COAST	**I-95 Multimodal Master Plan** *FPID No.: 436577-1-22-01* *FDOT-District 4*	*TITLE:* *TYPICAL SECTION*	*SHEET NO.* 23



EXISTING TYPICAL SECTION
GATLIN BLVD
STA. 636+00.00 TO STA. 655+00.00



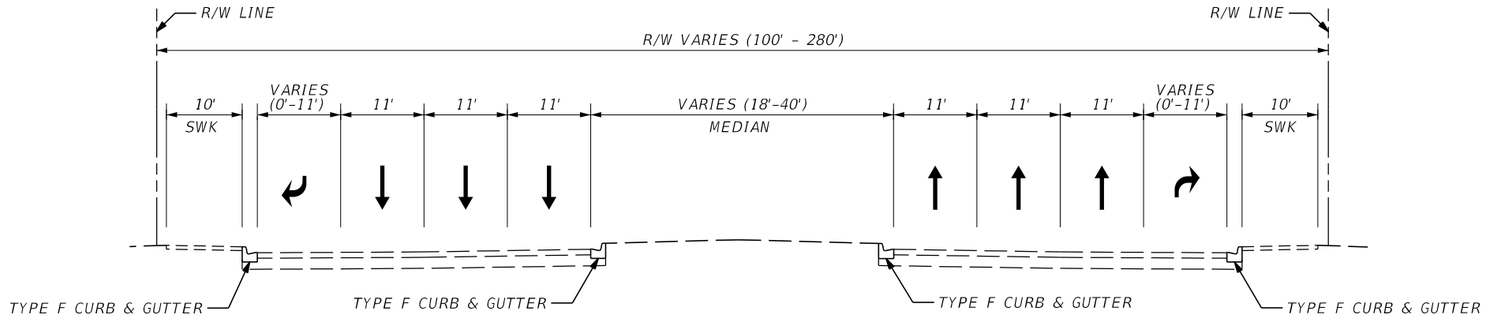
PURPOSED TYPICAL SECTION
GATLIN BLVD
STA. 636+00.00 TO STA. 655+00.00

Tradition Parkway / Gatlin Boulevard

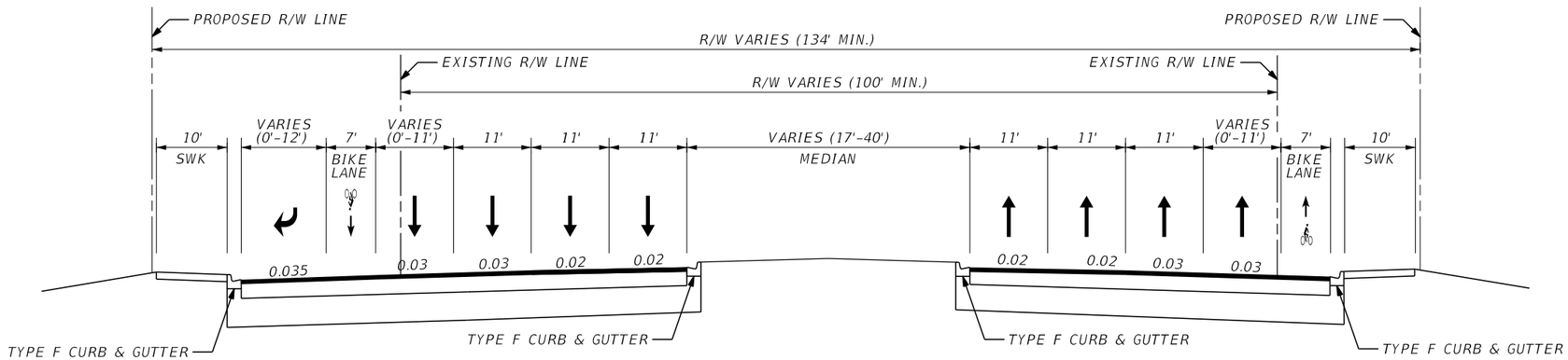
I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:
TYPICAL SECTION

SHEET NO.
24



EXISTING TYPICAL SECTION
GATLIN BLVD
STA. 655+00.00 TO STA. 685+00.00



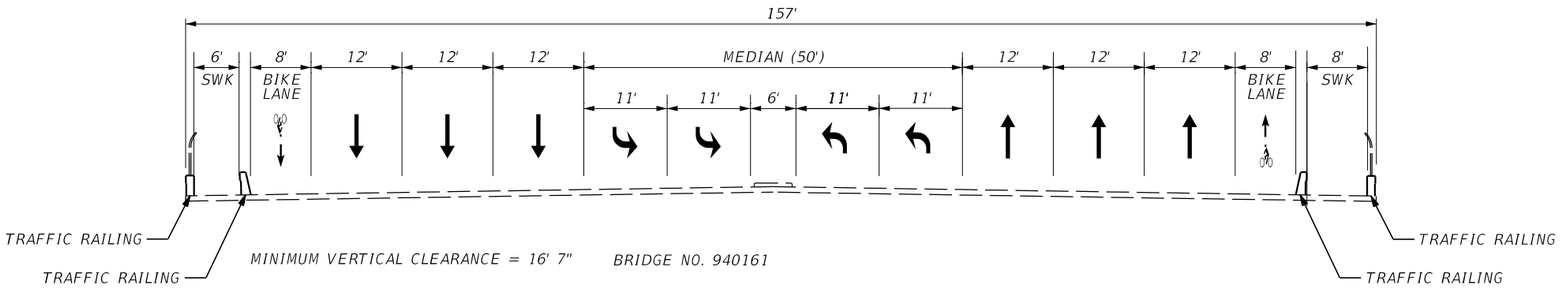
PURPOSED TYPICAL SECTION
GATLIN BLVD
STA. 655+00.00 TO STA. 685+00.00

Tradition Parkway / Gatlin Boulevard

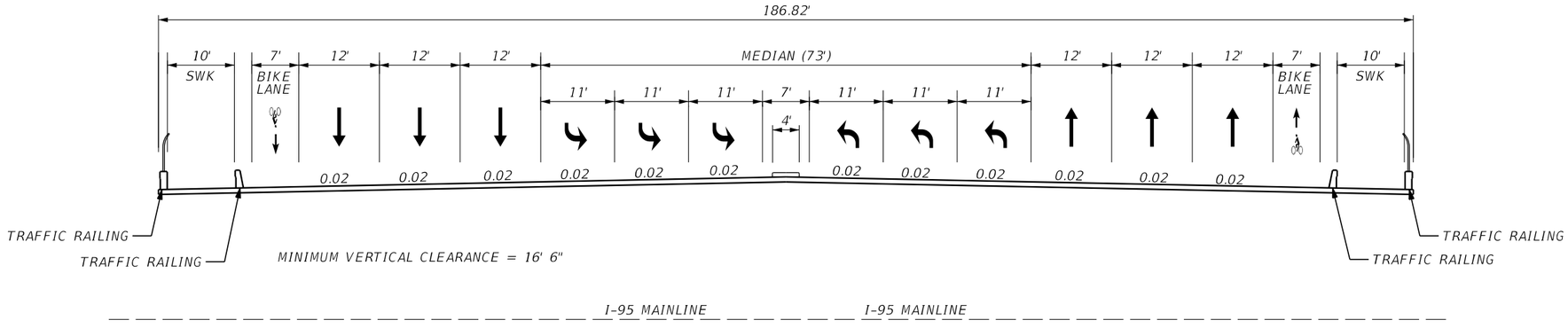
I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:
TYPICAL SECTION

SHEET NO.
25



EXISTING TYPICAL SECTION
CROSSTOWN PKWY
STA. 1030+00.00 TO STA. 1036+00.00



PURPOSED TYPICAL SECTION
CROSSTOWN PKWY
STA. 1030+00.00 TO STA. 1036+00.00

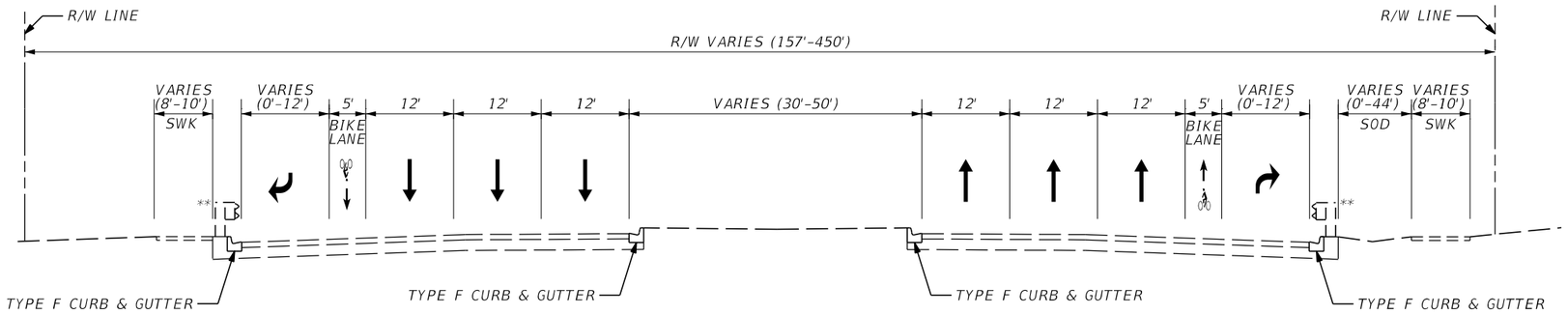
Crosstown Parkway

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE: TYPICAL SECTION

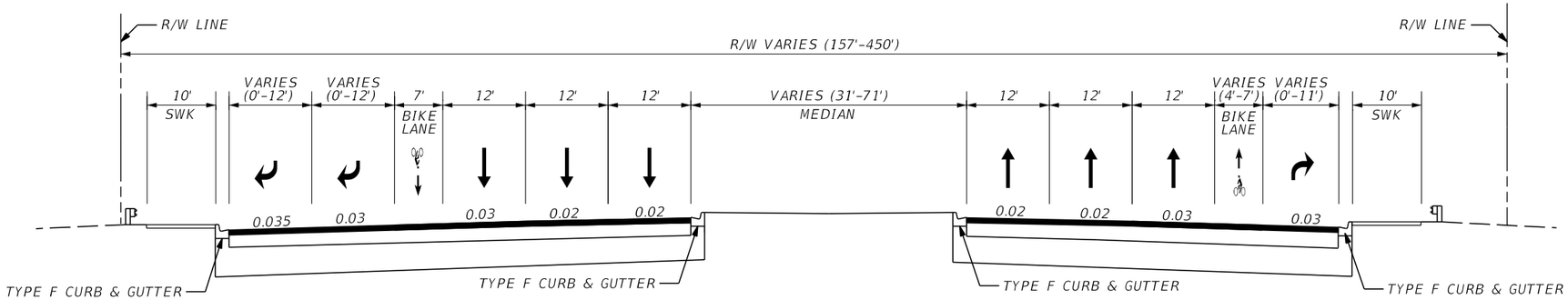
SHEET NO. 26

AMATHURA 6/5/2020 8:50:12 AM PW:\6328\10067892\6.0_CAD_BIM\6.2_Work_In_Progress\43657712201\roadway\TYPSRD0



** EB FROM STA 1025+08 TO 1028+83
STA 1036+40 TO 1040+47
WB FROM STA 1025+08 TO 1029+57
STA 1036+99 TO 1040+62

EXISTING TYPICAL SECTION
CROSSTOWN PKWY
STA. 1018+00.00 TO STA. 1030+00.00
STA. 1036+00.00 TO STA. 1092+00.00



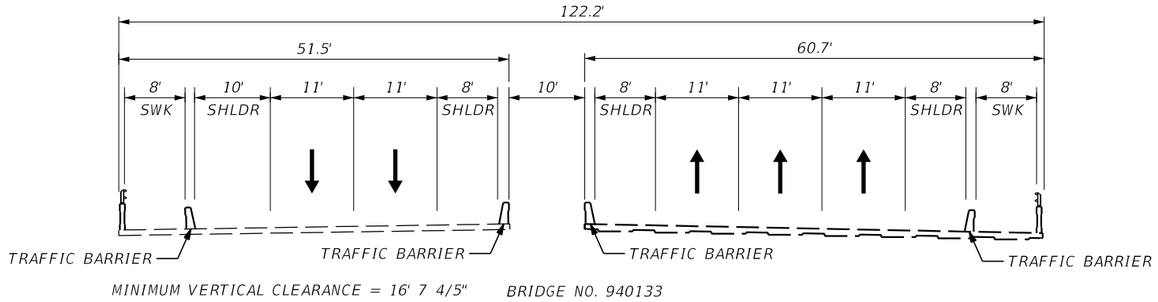
PURPOSED TYPICAL SECTION
CROSSTOWN PKWY
STA. 1018+00.00 TO STA. 1030+00.00
STA. 1036+00.00 TO STA. 1092+00.00

Crosstown Parkway

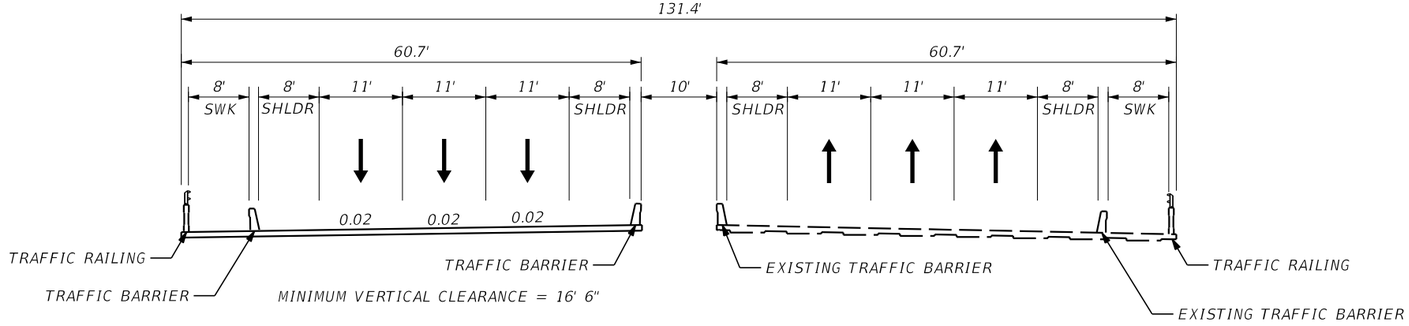
I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:
TYPICAL SECTION

SHEET NO.
27



EXISTING TYPICAL SECTION
ST. LUCIE WEST BLVD
STA. 2027+00.00 TO STA. 2032+00.00



PURPOSED TYPICAL SECTION
ST. LUCIE WEST BLVD
STA. 2027+00.00 TO STA. 2032+00.00

St. Lucie West Boulevard

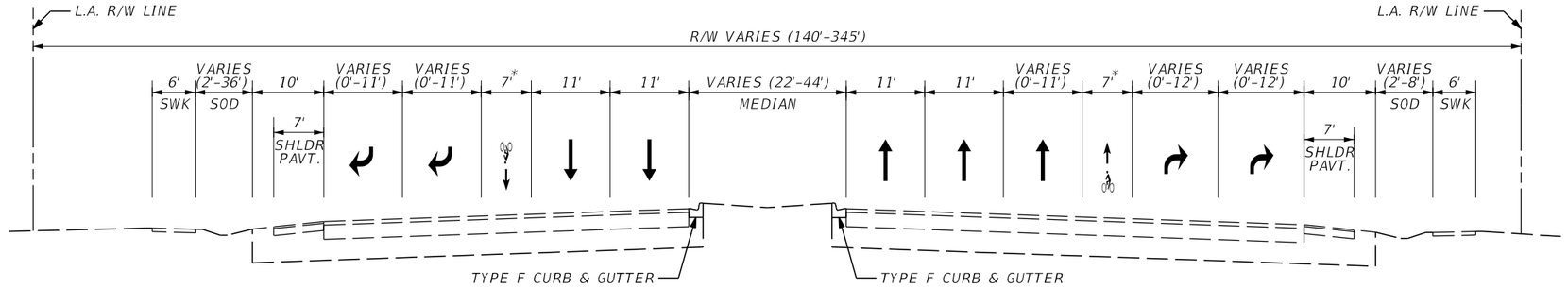
FDOT

Multimodal Master Plan TREASURE COAST

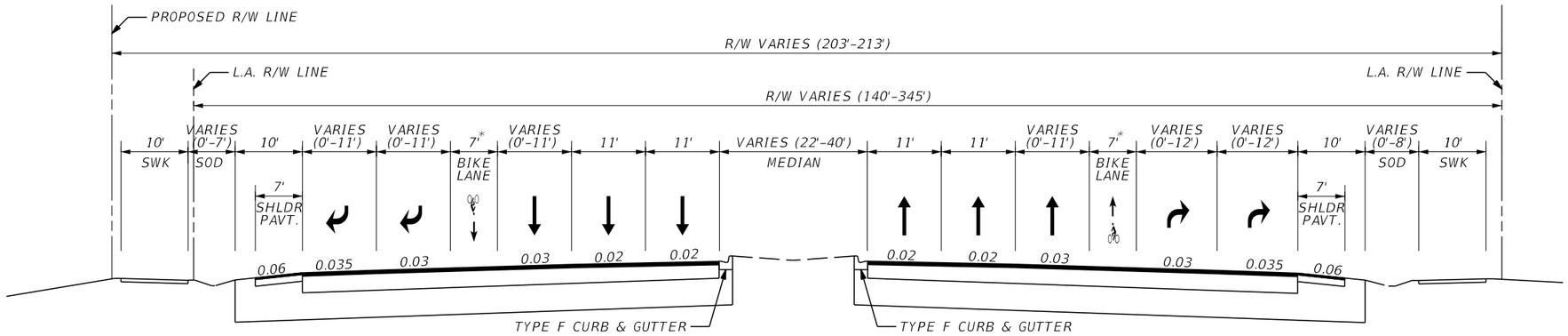
I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:
TYPICAL SECTION

SHEET NO.
28



EXISTING TYPICAL SECTION
ST. LUCIE WEST BLVD
STA. 2003+07.44 TO STA. 2027+00.00
STA. 2032+00.00 TO STA. 2057+00.00



* THIS CORRESPONDS TO THE BICYCLE KEYHOLE SITUATION.

PURPOSED TYPICAL SECTION
ST. LUCIE WEST BLVD
STA. 2003+07.44 TO STA. 2027+00.00
STA. 2032+00.00 TO STA. 2057+00.00

St. Lucie West Boulevard

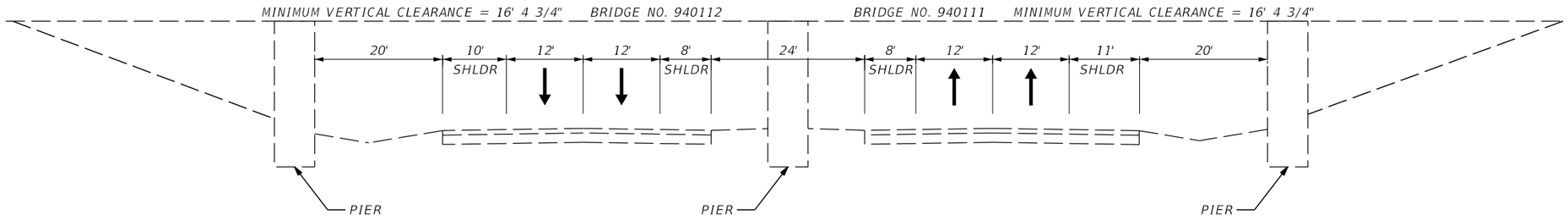
FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE:
TYPICAL SECTION

SHEET NO.
29



EXISTING TYPICAL SECTION
CR 712 / W MIDWAY RD
STA. 2229+00.00 TO STA. 2235+00.00

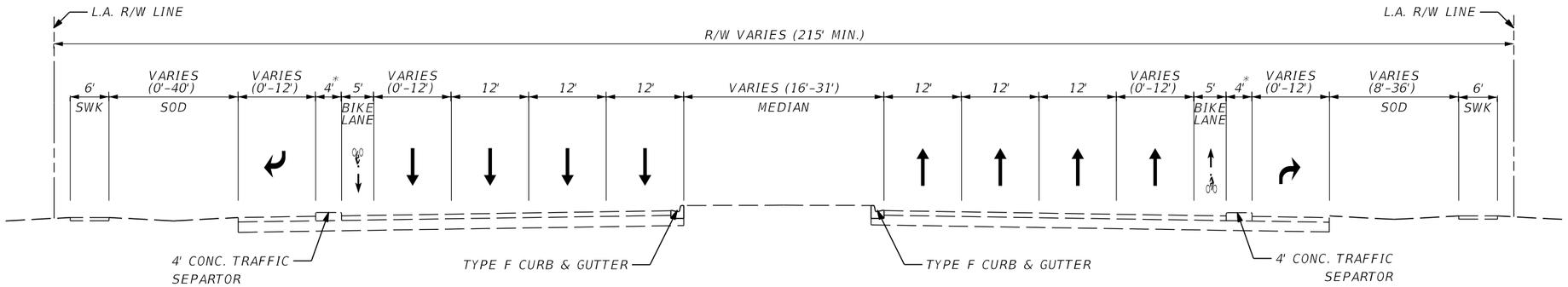
CR 712 / Midway Road

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE: TYPICAL SECTION

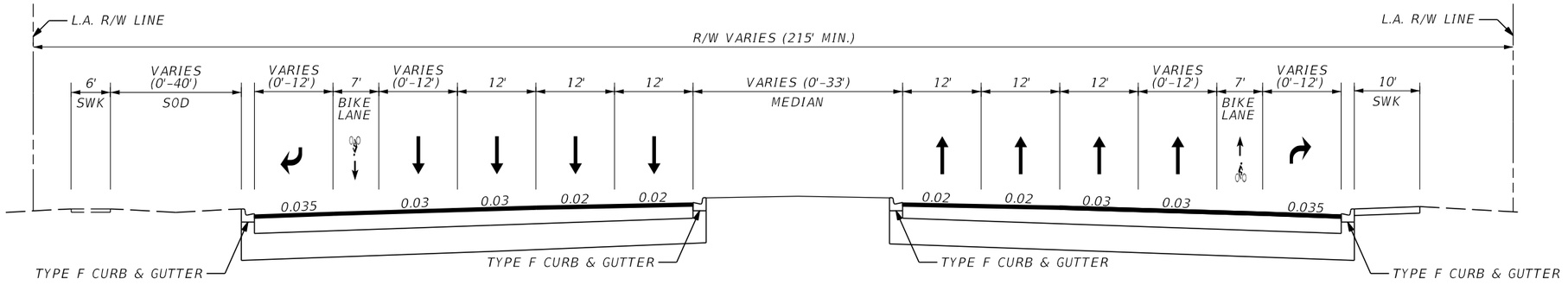
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* EB FROM STA 2445+48 TO 2458+72
WB FROM STA 2456+36 TO 2463+81

EXISTING TYPICAL SECTION
SR 70 / OKEECHOBEE RD
STA. 2437+00.00 TO STA. 2454+30.00
STA. 2457+60.00 TO STA. 2476+00.00



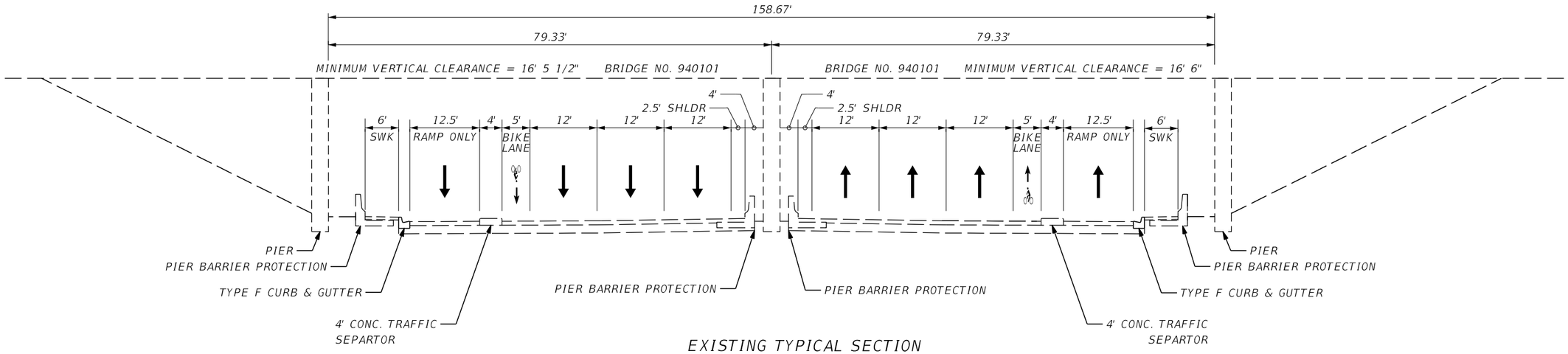
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STA. 2457+60.00 TO STA. 2476+00.00

SR 70 / Okeechobee Road

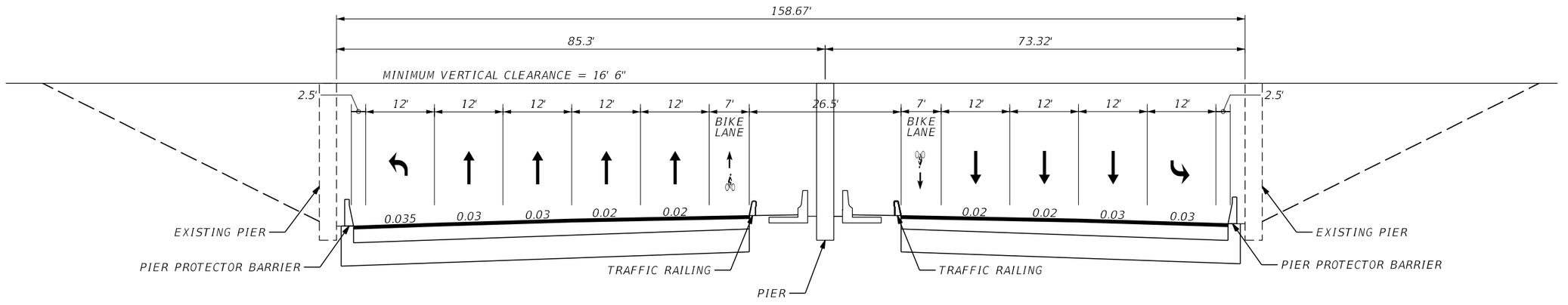
I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE: TYPICAL SECTION

SHEET NO. 31



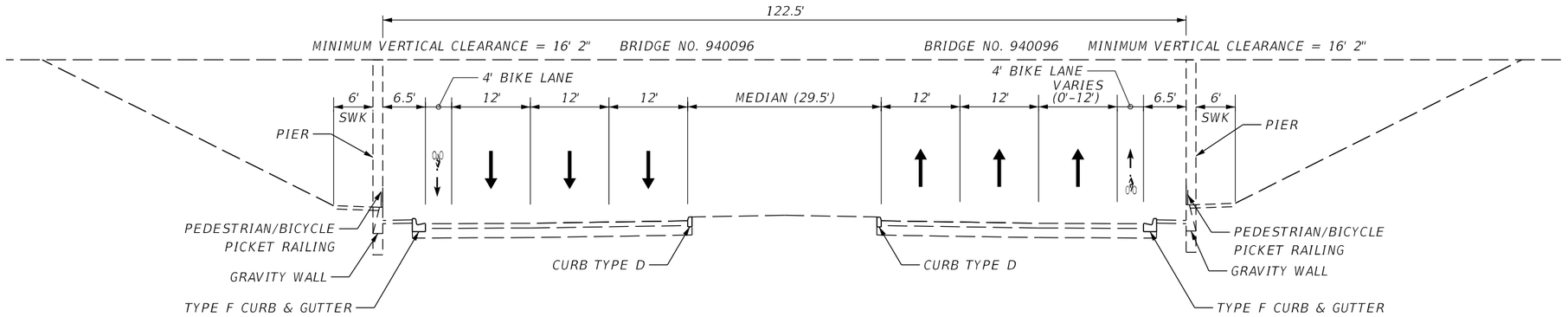
EXISTING TYPICAL SECTION
SR 70 / OKEECHOBEE RD
STA. 2454+30.00 TO STA. 2457+60.00



PURPOSED TYPICAL SECTION
SR 70 / OKEECHOBEE RD
STA. 2454+30.00 TO STA. 2457+60.00

SR 70 / Okeechobee Road

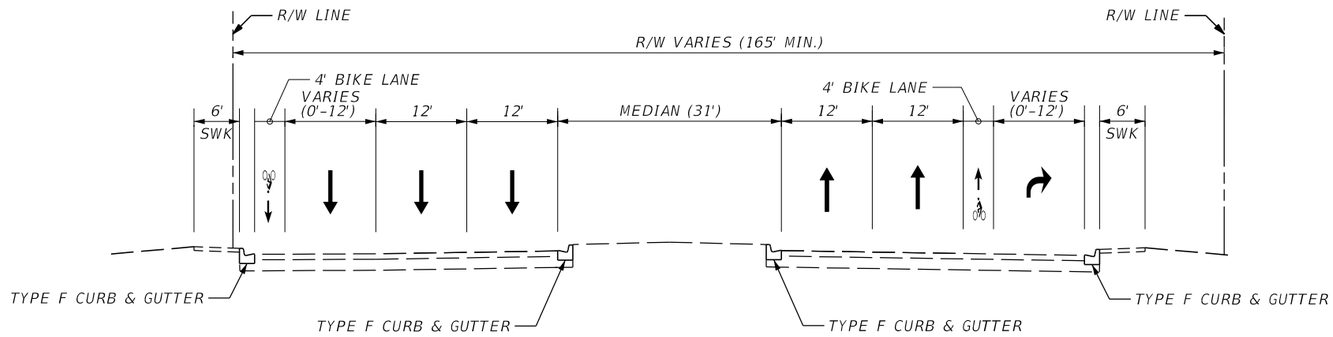
FDOT	Multimodal Master Plan TREASURE COAST	**I-95 Multimodal Master Plan** *FPID No.: 436577-1-22-01* *FDOT-District 4*	*TITLE:* *TYPICAL SECTION*	*SHEET NO.* 32



EXISTING TYPICAL SECTION
SR 68 / ORANGE AVE
STA. 2520+00.00 TO STA. 2524+50.00

SR 68 / Orange Avenue

FDOT	Multimodal Master Plan TREASURE COAST	**I-95 Multimodal Master Plan** *FPID No.: 436577-1-22-01* *FDOT-District 4*	*TITLE:* TYPICAL SECTION	*SHEET NO.* 33



EXISTING TYPICAL SECTION
SR 68 / ORANGE AVE
STA. 2505+00.00 TO STA. 2520+00.00

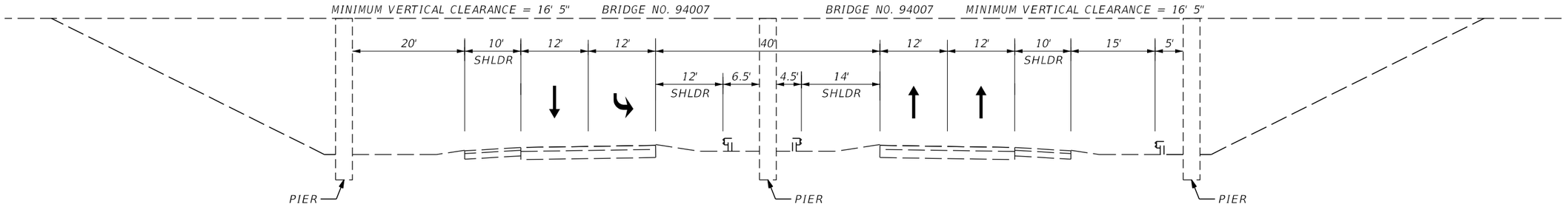
SR 68 / Orange Avenue

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE: TYPICAL SECTION

SHEET NO. 34

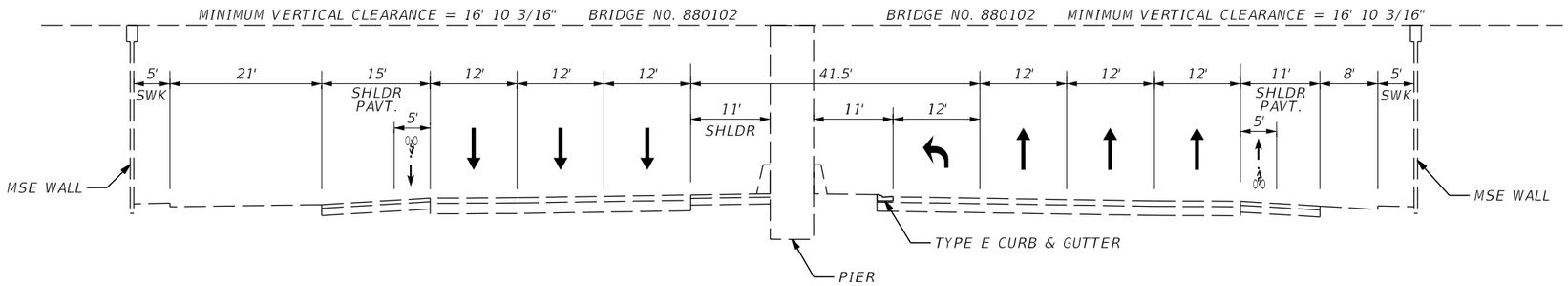
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EXISTING TYPICAL SECTION
SR 614 / INDRIO RD.
STA. 721+00.00 TO STA. 724+00.00

SR 614 / Indrio Road

FDOT	Multimodal Master Plan TREASURE COAST	**I-95 Multimodal Master Plan** *FPID No.: 436577-1-22-01* *FDOT-District 4*	*TITLE:* *TYPICAL SECTION*	*SHEET NO.* 35



EXISTING TYPICAL SECTION
SR 60 / 20TH ST.
STA. 47+00.00 TO STA. 49+00.00

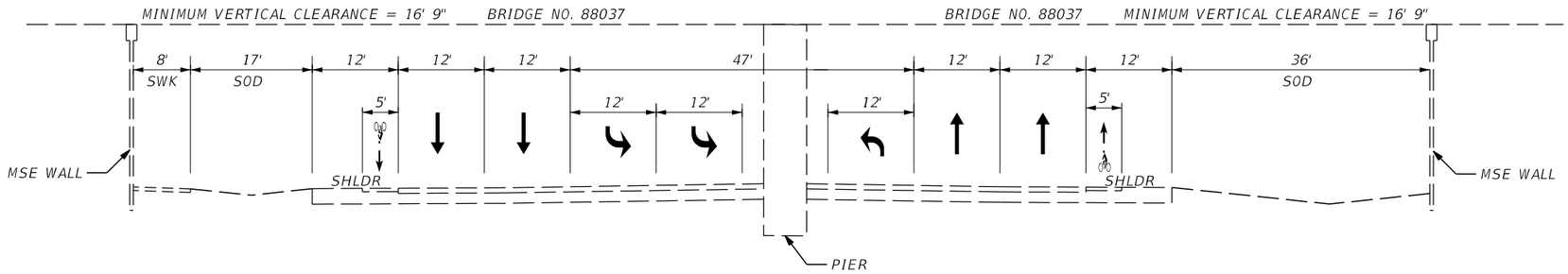
SR 60 / 20th Street

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

TITLE: TYPICAL SECTION

SHEET NO. 36

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EXISTING TYPICAL SECTION
CR 512 / FELLSMERE RD.
STA. 247+00.00 TO STA. 249+00.00

CR 512 / Fellsmere Road

FDOT	Multimodal Master Plan TREASURE COAST	**I-95 Multimodal Master Plan** *FPID No.: 436577-1-22-01* *FDOT-District 4*	*TITLE:* *TYPICAL SECTION*	*SHEET NO.* 37

Appendix E

Treasure Coast Bridge Inventory

BRIDGE ID	STRUCT NAME	DISTRICT	OWNER	SUFF RATING	NBI RATING	DECK RATING	SUPER RATING	SUB RATING	CULV RATING	CHAN RATING	LAST INSP	INSP TYPE	YEAR BUILT	YEAR RECON	SERVICE LIFE BY 2045
890123	SR-9(I-95) over DRAINAGE DITCH	04	1	70.0	ND	N	N	N	7	6	12/13/2016	Regular NBI	1987	0	58
890144	SR-9(I-95) over DRAINAGE DITCH	04	1	70.0	ND	N	N	N	7	6	12/13/2016	Regular NBI	1987	0	58
940101	SB SR-9 (I-95) over SR-70 (Okeechobee Rd.)	04	1	73.7	FO	7	8	8	N	N	1/26/2017	Regular NBI	1978	2014	67
890139	I-95 (SR-9) over Hanson Grant Outlet	04	1	83.0	ND	N	N	N	6	5	12/13/2016	Regular NBI	1987	0	58
880101	SR 9 (I-95) over 90th Ave.	04	1	83.0	ND	8	8	8	N	N	6/28/2017	Regular NBI	2014	0	31
880069	I-95 over Drainage Canal	04	1	84.0	ND	N	N	N	6	7	5/30/2017	Regular NBI	1970	0	75
930375	I 95 SR 9 over LOXAHATCHEE RIVER	04	1	85.0	ND	8	8	8	N	8	3/13/2017	Regular NBI	1986	0	59
890121	SB I-95 (SR-9) over SR-91 (Fla's.Turnpike)	04	1	85.0	ND	7	8	8	N	N	12/13/2016	Regular NBI	1987	0	58
890122	NB I-95 (SR-9) over SR-91 (Fla's. Turnpike)	04	1	85.0	ND	7	8	7	N	N	12/13/2016	Regular NBI	1987	0	58
940133	St Lucie West Blvd over SR-9 (I-95)	04	1	89.7	ND	7	7	8	N	N	1/26/2017	Regular NBI	1989	0	56
890116	NB 1-95 (SR-9) over Cypress Creek	04	1	91.3	ND	8	8	7	N	7	2/14/2017	Regular NBI	1986	0	59
940113	SB I-95 (SR-9) over Galiano Rd. & C-24 Canal	04	1	92.8	ND	8	8	7	N	7	9/22/2016	Regular NBI	1982	2008	63
890129	SB I-95 (SR 9) over SR-76/Kanner Highway	04	1	93.0	FO	8	8	8	N	N	2/15/2017	Regular NBI	1987	0	58
940102	NB SR-9 (I-95) over SR-70 (Okeechobee Rd.)	04	1	93.9	ND	7	7	8	N	N	1/26/2017	Regular NBI	1978	2014	67
940122	SB I-95 (SR-9) over Ten Mile Creek	04	1	94.3	ND	5	8	8	N	7	11/8/2016	Regular NBI	1982	0	63
940123	NB I-95 (SR-9) over Ten Mile Creek	04	1	94.3	ND	5	8	7	N	7	11/8/2016	Regular NBI	1982	0	63
940114	NB I-95 (SR-9) over Galiano Rd & C-24 Canal	04	1	94.7	ND	8	8	7	N	7	9/22/2016	Regular NBI	1982	2008	63
940116	NB I-95 (SR 9) over CR 709 & FECRR	04	1	94.7	ND	5	7	7	N	N	11/9/2016	Regular NBI	1982	0	63
890131	SB I-95 (SR 9) over Drainage Canal	04	1	95.3	ND	7	7	7	N	7	2/15/2017	Regular NBI	1986	0	59
890114	CR 76A over I-95 (SR 9)	04	1	95.3	ND	8	7	6	N	N	2/16/2017	Regular NBI	1986	0	59
940126	SB I-95 (SR-9) over SR-91 (FL TPK)	04	1	95.4	ND	8	7	8	N	N	11/2/2016	Regular NBI	1982	2005	63
940127	NB I-95 (SR-9) over SR-91 (FL TPK)	04	1	95.4	ND	8	7	8	N	N	11/2/2016	Regular NBI	1982	0	63
940115	SB I-95 (SR 9) over CR 709 & FECRR	04	1	95.5	ND	5	7	7	N	N	11/9/2016	Regular NBI	1982	0	63
890115	SB I-95 (SR-9) over Cypress Creek	04	1	95.7	ND	7	8	7	N	7	2/14/2017	Regular NBI	1986	0	59
940092	NB I-95 (SR-9) over Angle Rd - Belcher Canal	04	1	95.8	ND	8	8	7	N	7	8/12/2016	Regular NBI	1977	2013	68
940093	SB I-95 (SR-9) over Angle Rd.- Belcher Canal	04	1	95.8	ND	8	8	7	N	7	8/12/2016	Regular NBI	1977	2013	68
940111	NB I-95 (S.R. 9) over CR 712 (Midway Road)	04	1	95.9	FO	8	7	7	N	N	12/15/2016	Regular NBI	1981	2017	64
940112	SB I-95 (S.R. 9) over CR-712 Midway Road	04	1	95.9	FO	8	7	8	N	N	11/2/2016	Regular NBI	1981	2017	64
890130	NB I-95 (SR-9) over Drainage Canal	04	1	96.3	ND	7	7	7	N	7	2/14/2017	Regular NBI	1986	0	59
940161	Crosstown Parkway over I-95 (SR-9)	04	4	96.3	ND	8	8	8	N	N	2/20/2017	Regular NBI	2009	0	36
890133	NB I-95 (SR-9) over St. Lucie Canal	04	1	96.5	ND	7	6	7	N	6	11/29/2016	Regular NBI	1987	0	58
890132	SB I-95 (SR-9) over St. Lucie Canal	04	1	96.5	ND	7	6	7	N	6	11/29/2016	Regular NBI	1987	0	58
890110	SB I-95 (SR-9) over C-23 CANAL	04	1	96.6	ND	8	8	7	N	7	11/29/2016	Regular NBI	1984	2009	61
890111	NB I-95 (SR-9) over C-23 Canal	04	1	96.6	ND	8	8	7	N	7	11/29/2016	Regular NBI	1984	2009	61
940100	Graham Road over SR-9 (I-95)	04	1	97.0	ND	7	7	7	N	N	11/1/2016	Regular NBI	1977	0	68
890118	NB I-95 (SR-9) over CR 708/SE Bridge Rd	04	1	97.0	ND	7	7	7	N	N	12/14/2016	Regular NBI	1986	0	59
890117	SB I-95 (SR 9) over CR 708/SE Bridge Rd	04	1	97.0	ND	7	7	7	N	N	12/14/2016	Regular NBI	1986	0	59
890128	NB I-95 (S.R. 9) over SR-76/Kanner Highway	04	1	97.0	ND	8	7	8	N	N	2/15/2017	Regular NBI	1987	0	58
940162	SB SR-9 (I-95) over SR-713 (King Hwy)	04	1	97.0	ND	9	9	9	N	N	12/16/2016	Regular NBI	2013	0	32
940160	Becker Road over I-95 (S.R. 9)	04	4	97.9	ND	8	8	8	N	N	2/22/2017	Regular NBI	2009	0	36
940097	NB I-95 (S.R. 9) over SR-68	04	1	98.0	ND	7	8	8	N	N	11/8/2016	Regular NBI	1977	2013	68
940096	SB I-95 (S.R. 9) over SR-68	04	1	98.0	ND	7	8	8	N	N	11/8/2016	Regular NBI	1977	2013	68
940086	SB I-95 (SR-9) over SR-614 (Indrio Rd)	04	1	98.0	ND	8	7	8	N	N	11/1/2016	Regular NBI	1976	2012	69
940087	NB I-95 (SR-9) over SR-614 (Indrio Rd)	04	1	98.0	ND	8	7	8	N	N	11/1/2016	Regular NBI	1976	2012	69
890108	SB I-95 (SR 9) over S.R. 714	04	1	98.0	ND	8	7	8	N	N	2/15/2017	Regular NBI	1984	0	61
890109	NB I-95 (SR-9) over S. R. 714	04	1	98.0	ND	8	7	8	N	N	2/15/2017	Regular NBI	1984	0	61
940108	SB I-95 (SR-9) over Gatlin Blvd	04	1	98.0	FO	8	6	8	N	N	4/27/2017	Regular NBI	1982	2017	63
940109	NB I-95 (SR-9) over Gatlin Blvd	04	1	98.0	FO	8	7	8	N	N	4/27/2017	Regular NBI	1982	2017	63

MATERIAL MAIN	DESIGN MAIN	OP RATING	INV RTING	IR TYPE	FL 120	POSTING	POSTING	MAX SPAN	MAIN SPANS	LENGTH	DECK WIDTH	DECK AREA	VCLR UNDER	NAV VC	FUNC CLASS	SCOUR CRITICAL
Concrete	Culvert	85.12	51.52	Load Factor Rating (LFR)	N/A	5	Not Required	9.84	2	21	0.00	0.00	0.00	0	01	Stable above Footing
Concrete	Culvert	101.92	60.48	Load Factor Rating (LFR)	N/A	5	Not Required	9.84	2	22	0.00	0.00	0.00	0	01	Stable above Footing
Prestressed Concrete	Multi-girder	48.83	43.12	Load and Resistance Factor Rating (LRFR)	73.92	5	Not Required	80.80	4	245.2	87.40	21431.00	15.88	0	11	N
Concrete	Culvert	109.76	66.19	Load Factor Rating (LFR)	N/A	5	Not Required	7.22	3	22.4	0.00	0.00	0.00	0	01	Stable above Footing
Prestressed Concrete	Multi-girder	56.90	49.95	Load and Resistance Factor Rating (LRFR)	98.67	5	Not Required	139.50	2	279	121.00	33759.00	17.30	0	01	N
Concrete	Culvert	108.42	64.96	Load Factor Rating (LFR)	N/A	5	Not Required	10.70	2	21.8	0.00	0.00	0.00	0	01	Stable above Footing
Prestressed Concrete	Multi-girder	64.96	50.40	Load Factor Rating (LFR)	N/A	5	Not Required	109.90	3	200.1	140.80	28174.99	0.00	0	11	Stable above Footing
Prestressed Concrete	Multi-girder	72.46	62.94	Load Factor Rating (LFR)	N/A	5	Not Required	110.50	4	386	66.80	25784.99	16.45	0	11	N
Prestressed Concrete	Multi-girder	67.20	40.32	Load Testing	N/A	5	Not Required	112.50	4	389.8	66.80	26038.99	16.61	0	11	N
Prestressed Concrete	Multi-girder	107.07	64.18	Load Factor Rating (LFR)	N/A	5	Not Required	142.00	3	400	51.60	20640.00	16.47	0	14	N
Prestressed Concrete	Multi-girder	88.37	52.64	Load Factor Rating (LFR)	N/A	5	Not Required	80.00	3	200	58.80	11760.00	0.00	0	01	Stable above Footing
Prestressed Concrete	Multi-girder	47.60	42.34	Load and Resistance Factor Rating (LRFR)	52.42	5	Not Required	84.80	6	416	71.10	29568.99	16.50	0	11	Stable above Footing
Prestressed Concrete	Multi-girder	81.76	58.13	Load Factor Rating (LFR)	N/A	5	Not Required	140.80	3	208.5	66.80	13928.00	16.00	0	11	N
Prestressed Concrete	Multi-girder	48.83	43.12	Load and Resistance Factor Rating (LRFR)	68.99	5	Not Required	80.80	4	245.2	99.29	24346.00	15.88	0	11	N
Prestressed Concrete	Multi-girder	73.14	33.82	Load Factor Rating (LFR)	N/A	5	Not Required	83.80	12	942	58.80	55390.00	0.00	0	11	Stable above Footing
Prestressed Concrete	Multi-girder	100.46	45.92	Load Factor Rating (LFR)	N/A	5	Not Required	77.40	9	640	58.80	37632.00	0.00	0	11	Stable above Footing
Prestressed Concrete	Multi-girder	47.60	42.34	Load and Resistance Factor Rating (LRFR)	51.52	5	Not Required	84.80	6	416	59.10	24586.00	16.50	0	11	Stable above Footing
Prestressed Concrete	Multi-girder	67.20	40.32	Load Testing	N/A	5	Not Required	125.10	6	477.3	58.80	28065.99	20.10	0	11	N
Concrete continuous	Slab	87.58	52.53	Load Factor Rating (LFR)	N/A	5	Not Required	26.70	3	80	58.80	4704.00	0.00	0	11	Stable above Footing
Prestressed Concrete	Multi-girder	63.73	50.51	Load Factor Rating (LFR)	N/A	5	Not Required	112.80	5	385.5	46.80	18042.00	16.30	0	06	N
Prestressed Concrete	Multi-girder	110.88	72.35	Load Factor Rating (LFR)	N/A	5	Not Required	104.00	2	208	58.80	12231.00	16.20	0	11	N
Prestressed Concrete	Multi-girder	110.88	72.35	Load Factor Rating (LFR)	N/A	5	Not Required	104.00	2	208	58.80	12231.00	16.20	0	11	N
Prestressed Concrete	Multi-girder	67.20	40.32	Load Testing	N/A	5	Not Required	125.10	6	477.3	58.80	28065.99	20.10	0	11	N
Prestressed Concrete	Multi-girder	110.88	72.35	Load Factor Rating (LFR)	N/A	5	Not Required	104.00	2	208	58.80	12231.00	16.20	0	11	N
Prestressed Concrete	Multi-girder	67.20	40.32	Load Testing	N/A	5	Not Required	125.10	6	477.3	58.80	28065.99	20.10	0	11	N
Prestressed Concrete	Multi-girder	88.37	52.64	Load Factor Rating (LFR)	N/A	5	Not Required	80.00	3	200	58.80	11760.00	0.00	0	01	Stable above Footing
Prestressed Concrete	Multi-girder	50.85	45.92	Load and Resistance Factor Rating (LRFR)	73.02	5	Not Required	102.60	6	496.7	73.91	36706.01	16.10	0	01	Stable above Footing
Prestressed Concrete	Multi-girder	55.22	45.58	Load and Resistance Factor Rating (LRFR)	78.96	5	Not Required	97.80	6	489.25	70.91	34691.01	16.33	0	01	Stable above Footing
Prestressed Concrete	Multi-girder	58.91	35.84	Load Factor Rating (LFR)	N/A	5	Not Required	82.20	4	242.4	58.80	14253.00	16.00	0	11	N
Prestressed Concrete	Multi-girder	58.91	35.84	Load Factor Rating (LFR)	N/A	5	Not Required	82.20	4	242.4	60.00	14254.00	16.20	0	11	N
Concrete continuous	Slab	87.58	52.53	Load Factor Rating (LFR)	N/A	5	Not Required	26.70	3	80	58.80	4704.00	0.00	0	11	Stable above Footing
Prestressed Concrete	Multi-girder	60.93	55.66	Load and Resistance Factor Rating (LRFR)	104.16	5	Not Required	132.00	2	264	157.20	41500.99	16.58	0	16	N
Prestressed Concrete	Multi-girder	109.87	68.21	Load Factor Rating (LFR)	N/A	5	Not Required	139.00	9	907	58.80	53332.01	0.00	56.1	11	Stable above Footing
Prestressed Concrete	Multi-girder	110.88	69.55	Load Factor Rating (LFR)	N/A	5	Not Required	140.50	9	907	58.80	53331.99	0.00	56.1	11	Stable above Footing
Prestressed Concrete	Multi-girder	49.17	45.58	Load and Resistance Factor Rating (LRFR)	71.34	5	Not Required	60.80	5	303.8	70.90	21539.01	0.00	0	01	Stable above Footing
Prestressed Concrete	Multi-girder	49.62	45.58	Load and Resistance Factor Rating (LRFR)	71.68	5	Not Required	60.70	5	303.8	70.90	21539.01	0.00	0	01	Stable above Footing
Prestressed Concrete	Multi-girder	70.56	63.84	Load Factor Rating (LFR)	N/A	5	Not Required	100.00	4	264	42.80	11300.00	16.08	0	19	N
Prestressed Concrete	Multi-girder	89.94	53.98	Load Factor Rating (LFR)	N/A	5	Not Required	113.30	3	177.3	58.80	10426.00	16.10	0	11	N
Prestressed Concrete	Multi-girder	89.94	53.98	Load Factor Rating (LFR)	N/A	5	Not Required	113.30	3	177.3	58.80	10426.00	16.20	0	01	N
Prestressed Concrete	Multi-girder	81.76	58.13	Load Factor Rating (LFR)	N/A	5	Not Required	140.80	3	211.5	58.80	12437.00	16.70	0	11	N
Concrete	Multi-girder	67.76	51.63	Load and Resistance Factor Rating (LRFR)	88.03	5	Not Required	93.50	2	174.5	71.09	12054.99	16.75	0	11	N
Prestressed Concrete	Multi-girder	56.78	51.52	Load and Resistance Factor Rating (LRFR)	94.75	5	Not Required	124.00	2	248	157.21	38985.99	16.91	0	16	N
Steel	Multi-girder	56.00	43.12	Load and Resistance Factor Rating (LRFR)	86.69	5	Not Required	135.30	3	212.6	100.11	21282.01	15.76	0	11	N
Steel	Multi-girder	56.00	43.12	Load and Resistance Factor Rating (LRFR)	86.69	5	Not Required	135.30	3	212.6	100.11	21282.01	15.96	0	11	N
Prestressed Concrete	Multi-girder	47.15	41.10	Load and Resistance Factor Rating (LRFR)	87.36	5	Not Required	87.90	4	280.6	58.93	16531.83	16.20	0	11	N
Prestressed Concrete	Multi-girder	47.15	41.10	Load and Resistance Factor Rating (LRFR)	87.36	5	Not Required	87.90	4	280.6	58.92	16531.83	16.20	0	11	N
Prestressed Concrete	Multi-girder	75.71	49.28	Load Factor Rating (LFR)	N/A	5	Not Required	113.00	2	226	58.80	13289.00	16.30	0	01	N
Prestressed Concrete	Multi-girder	75.71	49.28	Load Factor Rating (LFR)	N/A	5	Not Required	113.00	2	226	58.80	13289.00	16.30	0	01	N
Prestressed Concrete	Multi-girder	62.50	46.37	Load and Resistance Factor Rating (LRFR)	74.59	5	Not Required	80.50	4	228	60.00	13680.00	16.33	0	11	N
Prestressed Concrete	Multi-girder	62.50	46.37	Load and Resistance Factor Rating (LRFR)	74.59	5	Not Required	80.50	4	228	60.00	13680.00	16.33	0	11	N

ADTTOTAL	ADTYEAR	TRUCKPCT	REHABILITATION	REPLACEMENT	COMMENT
76000	2015	7	N	Y	
76000	2015	8	N	Y	
29307	2016	15	N	N	
46500	2014	13	N	Y	
43500	2016	21	N	N	
43500	2016	21	N	Y	
76000	2017	7	N	N	
35500	2016	14	N	N	
35500	2016	14	N	N	
34500	2016	7	N	N	
40500	2016	8	N	N	
38750	2016	7	N	N	
40250	2016	12	N	N	
29307	2016	15	N	N	
37250	2016	10	N	Y	
37250	2016	10	N	Y	
38750	2016	7	N	N	
32250	2016	11	N	Y	
40250	2016	12	N	N	
3900	2016	10	N	Y	
37250	2016	10	N	N	
37250	2016	10	N	N	
32250	2016	11	N	Y	
40500	2016	8	N	N	
32250	2016	11	N	Y	
40500	2016	8	N	N	
21500	2016	22	N	N	
21500	2016	22	N	N	
32250	2016	11	N	N	Deck replacement completed in 2017
32250	2016	11	N	N	Deck replacement completed in 2017
40250	2016	12	N	N	
17500	2017	5	N	N	
35500	2016	14	N	Y	
35500	2016	14	N	Y	
31669	2016	12	N	N	
31669	2016	12	N	N	
2500	2004	5	N	N	
40500	2016	8	N	N	
40500	2016	8	N	N	
40250	2016	12	N	N	
21500	2016	22	N	N	
1800	2017	12	N	N	
27251	2015	14	N	N	
29307	2016	15	N	N	
21500	2016	22	N	N	
21500	2016	22	N	N	
28500	2016	16	N	N	
28500	2016	16	N	N	
38750	2016	7	N	Y	
38750	2016	7	N	Y	

Appendix F

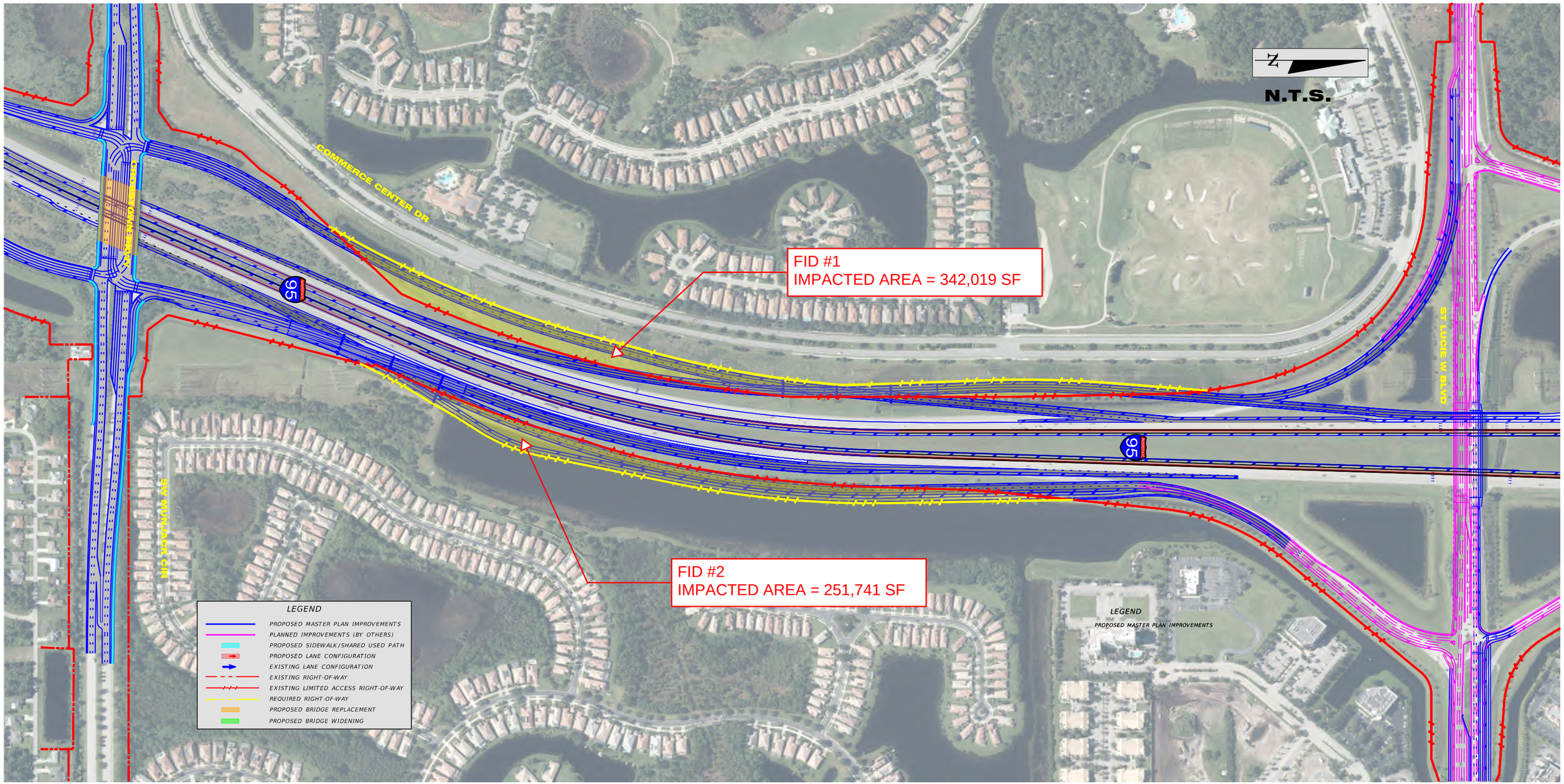
Estimated Right of Way Impacts

SR 9 / I-95

Estimated Right-of-Way Impacts - SR 9 / I-95				
FID	**PARCELID**	**PARCEL USE DESCRIPTION (from St. Lucie County Property Appraiser site)**	**OWNER NAME**	**PERMANENT R/W IMPACT AREA (SF)**
1	3326-333-0001-010-3	EMPTY LAND	Verano Development LLC	342,019.00
2	3323-600-0015-000-1	ST LUCIE WEST #10 SPORTS VILLAGE PARCEL 41-LESS THAT PART AS IN OR 2932-1772 FOR CROSSTOWN PKWY-	Port St Lucie City of	251,741.00

Note:

Parcels Impacted	2
Total Right of Way (SF)	593,760.00


N
N.T.S.
COMMERCE CENTER DR
SW MONARCH CIR
ST LUCIE W BLVD
95
FID #1
IMPACTED AREA = 342,019 SF
FID #2
IMPACTED AREA = 251,741 SF
LEGEND
PROPOSED MASTER PLAN IMPROVEMENTS
PLANNED IMPROVEMENTS (BY OTHERS)
PROPOSED SIDEWALK/SHARED USED PATH
PROPOSED LANE CONFIGURATION
EXISTING LANE CONFIGURATION
EXISTING RIGHT-OF-WAY
EXISTING LIMITED ACCESS RIGHT-OF-WAY
REQUIRED RIGHT-OF-WAY
PROPOSED BRIDGE REPLACEMENT
PROPOSED BRIDGE WIDENING
LEGEND
PROPOSED MASTER PLAN IMPROVEMENTS

SR 9 / I-95

SW Becker Road

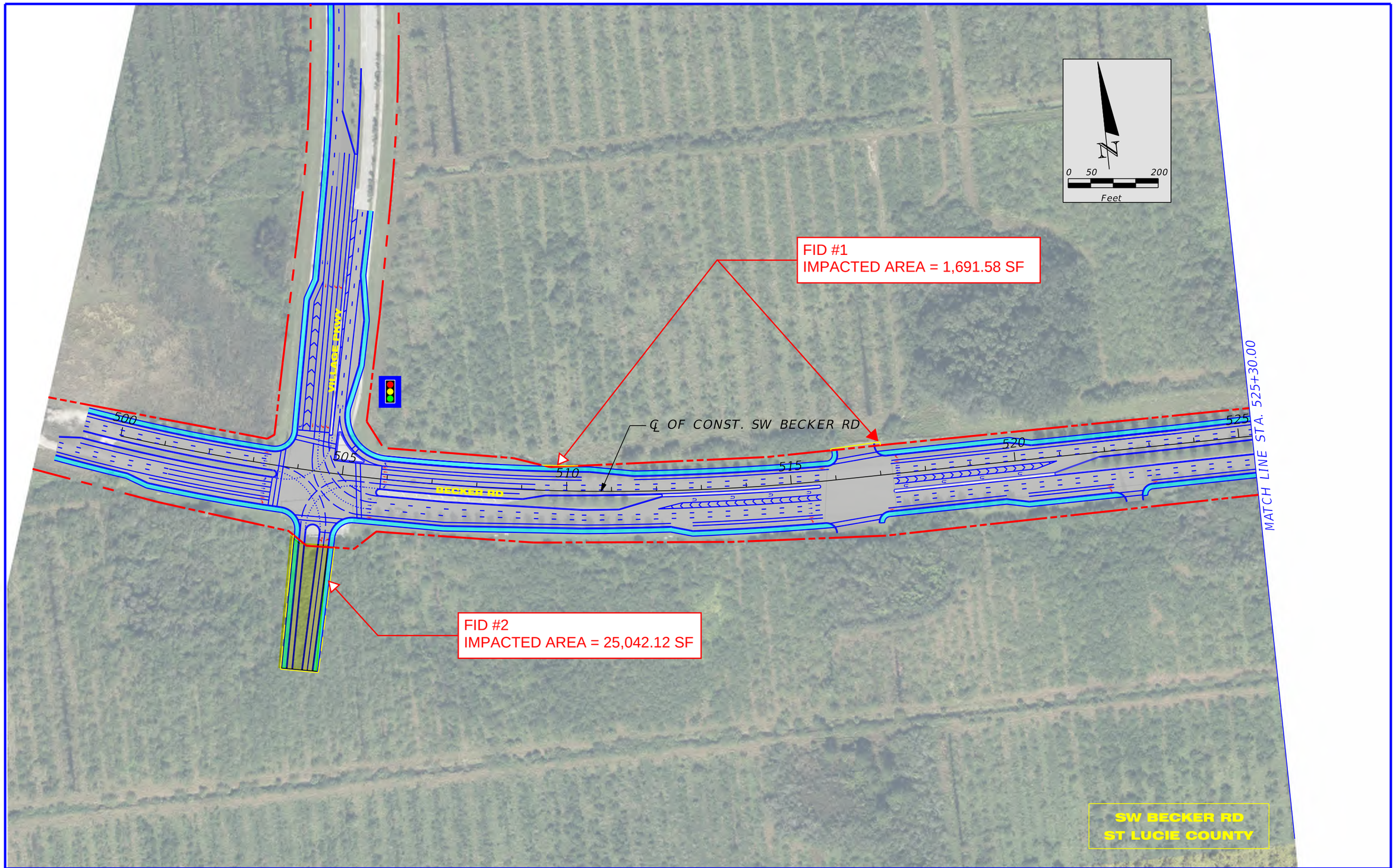
Estimated Right-of-Way Impacts Becker Road				
FID	PARCEL ID	PARCEL USE DESCRIPTION (from St. Lucie County Property Appraiser site)	OWNER NAME	PERMANENT R/W IMPACT AREA (SF)
1	4315-700-0033-000-8	SOUTHERN GROVE PLAT NO. 3-(PB 61-17) PARCEL 30 (OR 3274-915)	Port St Lucie Governmental Finance Corp	1,691.58
2	4315-700-0032-000-1	SOUTHERN GROVE PLAT NO. 3 (PB 61-17) PARCEL 29	MATTAMY PALM BEACH LLC	25,042.12
3	3420-660-0748-000-2	PORT ST LUCIE-SECTION 33- BLK 2206 LOT 5	Diane L Deleasa & Gail M Deleasa	1,064.01
4	3420-660-0749-000-9	PORT ST LUCIE-SECTION 33- BLK 2206 LOT 6	Carlos A Fernandez & Luis F Alvarez	1,090.30
5	3420-660-0750-000-9	PORT ST LUCIE-SECTION 33- BLK 2206 LOT 7	Mary A Patt	1,116.59
6	3420-660-0751-000-6	PORT ST LUCIE-SECTION 33- BLK 2206 LOT 8	Mary A Patt	1,142.88
7	3420-660-0752-000-3	PORT ST LUCIE-SECTION 33- BLK 2206 LOT 9	Treasure Coast Land Development LLC	1,169.17
8	3420-660-0753-000-0	PORT ST LUCIE-SECTION 33- BLK 2206 LOT 10	Treasure Coast Land Development LLC	1,195.45
9	3420-660-0754-000-7	PORT ST LUCIE-SECTION 33- BLK 2206 LOT 11	Frank Aliano, Jeanne A Aliano & Deanna R Aliano	1,121.74
10	3420-660-0755-000-4	PORT ST LUCIE-SECTION 33- BLK 2206 LOT 12	Frank Aliano, Jeanne A Aliano & Deanna R Aliano	1,680.62
11	3420-660-0548-000-0	PORT ST LUCIE-SECTION 33- BLK	Thomas W Werpshaw (TR)	1,110.58
12	3420-660-0547-000-3	PORT ST LUCIE-SECTION 33- BLK 2196 LOT 15	Peggy G Benoit & Evy Benoit	1,120.00
13			Port St Lucie City of	
14	3420-660-0545-000-9	PORT ST LUCIE-SECTION 33- BLK 2196 LOT 13	Minesh Patel	1,120.00
15	3420-660-0544-000-2	PORT ST LUCIE-SECTION 33- BLK 2196 LOT 12	Tarpon IV LLC	1,120.00
16	3420-660-0543-000-5	PORT ST LUCIE-SECTION 33- BLK 2196 LOT 11	Janet Garcia	1,120.00
17	3420-660-0542-000-8	PORT ST LUCIE-SECTION 33- BLK 2196 LOT 10	Kenneth D Timmons, Loretta Grigsby & Brodis Grigsby	1,503.22
18	3420-660-1209-000-9	PORT ST LUCIE-SECTION 33- BLK 2225 LOT 1	Charles R Mule	1,826.40
19	3420-660-1223-000-3	PORT ST LUCIE-SECTION 33- BLK 2225 LOTS 15 AND 16	Roy A Beckford & Maxine D Beckford	1,465.48
20	3420-660-0821-000-8	PORT ST LUCIE-SECTION 33- BLK 2210 LOT 3	Chrystalla Gabriel & John M Gabriel	1,226.09
21	3420-660-0822-000-5	PORT ST LUCIE-SECTION 33- BLK 2210 LOT 4	Chrystalla Gabriel & Antigone Gabriel	1,179.70
22	3420-660-0823-000-2	PORT ST LUCIE-SECTION 33- BLK 2210 LOT 5	Kimberly A Gilbert	1,059.58
23	3420-660-0824-000-9	PORT ST LUCIE-SECTION 33- BLK 2210 LOT 6	Saint Paul Properties LLC	939.13
24	3420-660-0825-000-6	PORT ST LUCIE-SECTION 33- BLK 2210 LOT 7	Frank R Taylor II & Sarah M Taylor	818.86
25	3420-660-0826-000-3	PORT ST LUCIE-SECTION 33- BLK 2210 LOT 8	Dominic K Yip & Diana T Yip	698.36
26	3420-660-0827-000-0	PORT ST LUCIE-SECTION 33- BLK 2210 LOT 9	Saint Paul Properties LLC	577.86
27	3420-660-0828-000-7	PORT ST LUCIE-SECTION 33- BLK 2210 LOT 10	David Gray & Jessica Gray	565.71
28	3420-660-0898-000-8	PORT ST LUCIE-SECTION 33- BLK 2214 LOT 12	John Ramnot	563.78
29	3420-660-0899-000-5	PORT ST LUCIE-SECTION 33- BLK 2214 LOT 13	Maria Silva	583.53
30	3420-660-1206-000-8	PORT ST LUCIE-SECTION 33- BLK 2224 LOT 28	Ana T Cruz (LF EST)	932.02
31	3420-660-1205-000-1	PORT ST LUCIE-SECTION 33- BLK 2224 LOT 27	Ana T Cruz (LF EST)	917.04
32	3420-660-1204-000-4	PORT ST LUCIE-SECTION 33- BLK 2224 LOT 26	Apirada A Rakpraja	901.84
33	3420-660-1203-000-7	PORT ST LUCIE-SECTION 33- BLK 2224 LOT 25	Bowers Investment Group of Martin County LLC	885.70
34	3420-660-1202-000-0	PORT ST LUCIE-SECTION 33- BLK 2224 LOT 24	Creative Realty Management Inc	870.23
35	3420-660-1201-000-3	PORT ST LUCIE-SECTION 33- BLK 2224 LOT 23	Manna Foundation Inc	854.75
36	3420-660-1200-000-6	PORT ST LUCIE-SECTION 33- BLK 2224 LOT 22	Edward Monahan	841.01
37	3420-660-1199-000-5	PORT ST LUCIE-SECTION 33- BLK 2224 LOT 21	Edward R Ebanks (TR)	825.80
38	3420-660-1198-000-8	PORT ST LUCIE-SECTION 33- BLK 2224 LOT 20	A Wayne Sloat	748.32

SW Becker Road

Estimated Right-of-Way Impacts Becker Road				
FID	**PARCEL ID**	**PARCEL USE DESCRIPTION (from St. Lucie County Property Appraiser site)**	**OWNER NAME**	**PERMANENT R/W IMPACT AREA (SF)**
39	3420-660-1197-000-1	PORT ST LUCIE-SECTION 33- BLK 2224 LOT 19	Norjan Inc	619.88
40	3420-660-1196-000-4	PORT ST LUCIE-SECTION 33- BLK 2224 LOT 18	Carol J Adams	439.81
41	3420-660-1195-000-7	PORT ST LUCIE-SECTION 33- BLK 2224 LOT 17	Port St Lucie City of	
42	3420-660-1194-000-0	PORT ST LUCIE-SECTION 33- BLK 2224 LOT 16	Patricia Farley	79.86

Note:

Parcels Impacted	42
Total Right of Way (SF)	63,829.02



FDOT

Multimodal Master Plan TREASURE COAST

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO.

FID #1
IMPACTED AREA = 1,691.58 SF

INTERSTATE 95

N

0 50 200
Feet

℄ OF CONST. SW BECKER RD

530 535 540 545 550

S 89° 54' 53" E

SW BECKER RD

MATCH LINE STA. 525+30.00

MATCH LINE STA. 550+60.00

SW BECKER RD
ST LUCIE COUNTY

INTERSTATE 95

FDOT

95 Multimodal Master Plan TREASURE COAST

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

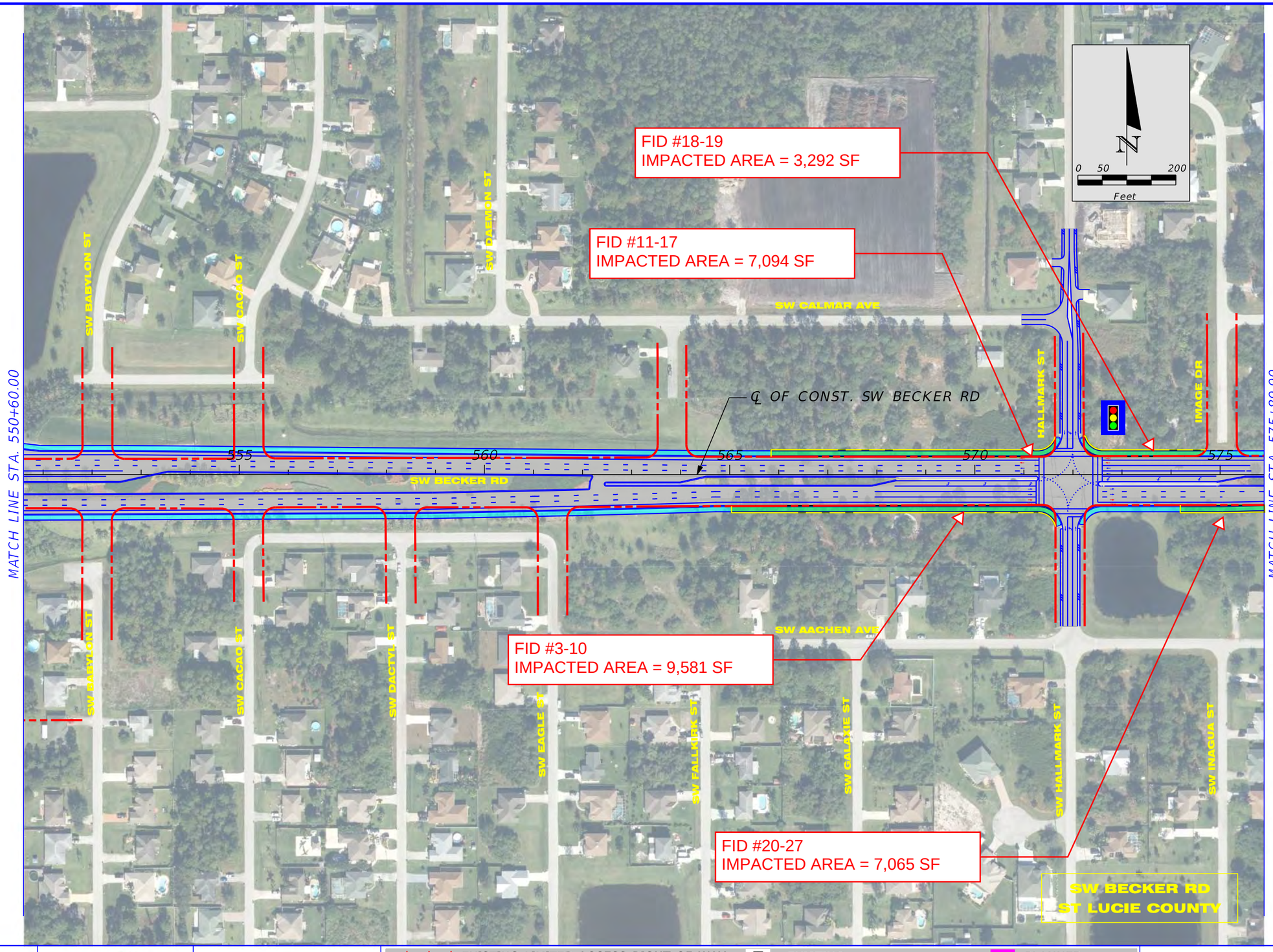
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO.



FDOT

Multimodal Master Plan TREASURE COAST

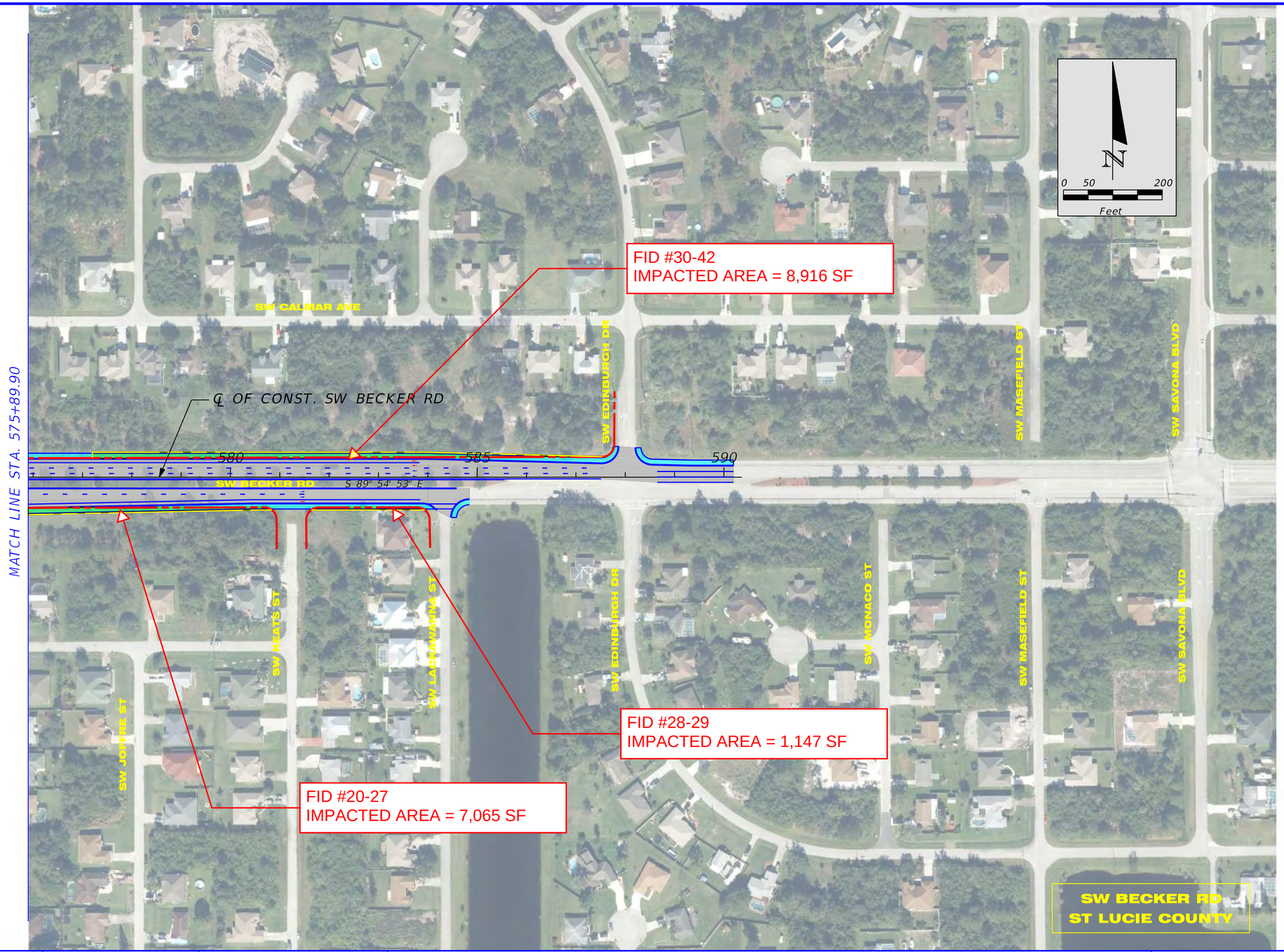
I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

- EXISTING LIMITED-ACCESS RIGHT OF WAY
- EXISTING RIGHT OF WAY
- REQUIRED R/W
- PROP. BRIDGE WIDENING / REPLACEMENT
- PLANNED IMPROVEMENTS (BY OTHERS)
- EXISTING SIGNALIZED INTERSECTION
- PROP. SIDEWALK/ SHARED USED PATH
- PROP. PAVED SHLDR.
- PROP. MASTER PLAN IMPROV.
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS

CROSSROADS PLAN SHEETS

SHEET NO.

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FDOT | Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

- EXISTING LIMITED-ACCESS RIGHT OF WAY
- EXISTING RIGHT OF WAY
- REQUIRED R/W
- PROP. BRIDGE WIDENING / REPLACEMENT
- PLANNED IMPROVEMENTS (BY OTHERS)
- EXISTING SIGNALIZED INTERSECTION
- PROP. SIDEWALK/ SHARED USED PATH
- PROP. PAVED SHLDR.
- PROP. MASTER PLAN IMPROV.
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS

CROSSROADS PLAN SHEETS

SHEET NO.

Tradition Parkway / Gatlin Boulevard

Estimated Right-of-Way Impacts - Tradition Parkway / Gatlin Boulevard

FID	PARCEL ID	PARCEL USE DESCRIPTION (from St. Lucie County Property Appraiser site)	OWNER NAME	PERMANENT R/W IMPACT AREA (SF)
1	431550300000003	GATLIN PLAZA CONDOMINIUM	Gatlin Plaza Condominium Association Inc	264.00
2	3420-670-0238-000-5	PORT ST LUCIE-SECTION 35- BLK 1732 LOTS 12, 13, 14 AND 15	GATLIN PSL LLC	1,810.75
3	4314-602-0002-000-8	GATLIN BOULEVARD CENTER (58-20) PARCEL 1 (1.05 AC)	Jai P Singh	1,748.77
4	4314-602-0003-000-5	GATLIN BOULEVARD CENTER (58-20) PARCEL 2 (1.05 AC)	Atlas Investment Company	5,641.03
5	3420-650-1048-000-1	PORT ST LUCIE-SECTION 31- BLK 1706 LOTS 34, 35 AND 36	Twin Oil Co Inc	5,602.89
6	4311-703-0004-000-3	FONDURA SQUARE 1ST REPLAT	Racetrac Petroleum Inc	1,653.52
7	4314-603-0002-000-1	B AND L AT ST LUCIE (PB 59-3) TRACT A (1.80 AC)	HASV LLC	5,301.86
8	3420-650-0988-000-5	PORT ST LUCIE-SECTION 31- BLK 1705 LOTS 1, 2, 3, 25, 26	St Lucie Enterprises LLC	3,234.60
9	3420-650-0978-000-2, 3420-650-0982-000-3, 3420-650-0985-000-4		Creative Realty Management Inc, Waffle House Inc, Yani Enterprises LLC	15,349.34
10	3420-650-0928-000-7	PORT ST LUCIE-SECTION 31- BLK 1702 LOT 1 & 2	HPRJ LLC	1,849.96
11	4315-606-0001-000-6	SOUTHERN GROVE PLAT NO. 15 (PB 71-10) LOT 1 AND THAT PART OF OPEN SPACE TRACT 1 SOUTHERN GROVE PLAT NO. 6	JEM PORT ST LUCIE LLC	1,960.00
12	4315-501-0002-000-1	OUTHERN GROVE PLAT NO. 6- OPEN SPACE TRACT 1	Tradition Commercial Assn Inc	267.00
13	4309-803-0004-000-3	TRADITION PLAT NO. 17 (PB 43-22) OPEN SPACE TRACT 1	MATTAMY PALM BEACH LLC	9,589.32
14	4310-701-0003-000-7	TRADITION PLAT NO. 43 (PB 55-34) PARCEL D-1	Covelli Florida Properties Inc	1,301.76
15	4315-602-0002-000-1	SOUTHERN GROVE PLAT NO. 11 REPLAT (PB 71-8) LOT 4	Mason St Holdings LLC	858.88
16	4310-600-0001-000-3	TRADITION PLAT NO. 36 (PB 49-28) WATER MANAGEMENT TRACT	MATTAMY PALM BEACH LLC	6,276.00
17	4310-602-0004-000-0	TRADITION PLAT NO. 41 (PB 53-32) DRAINAGE TRACT	KRG Port St Lucie Landing LLC	6,160.00
18	4310-602-0013-000-6	TRADITION PLAT NO. 41 (PB 53-32) PARCEL 7	KRG Port St Lucie Landing LLC	1,204.00

Note:

Parcels Impacted	18
Total Right of Way (SF)	70,073.68



FDOT

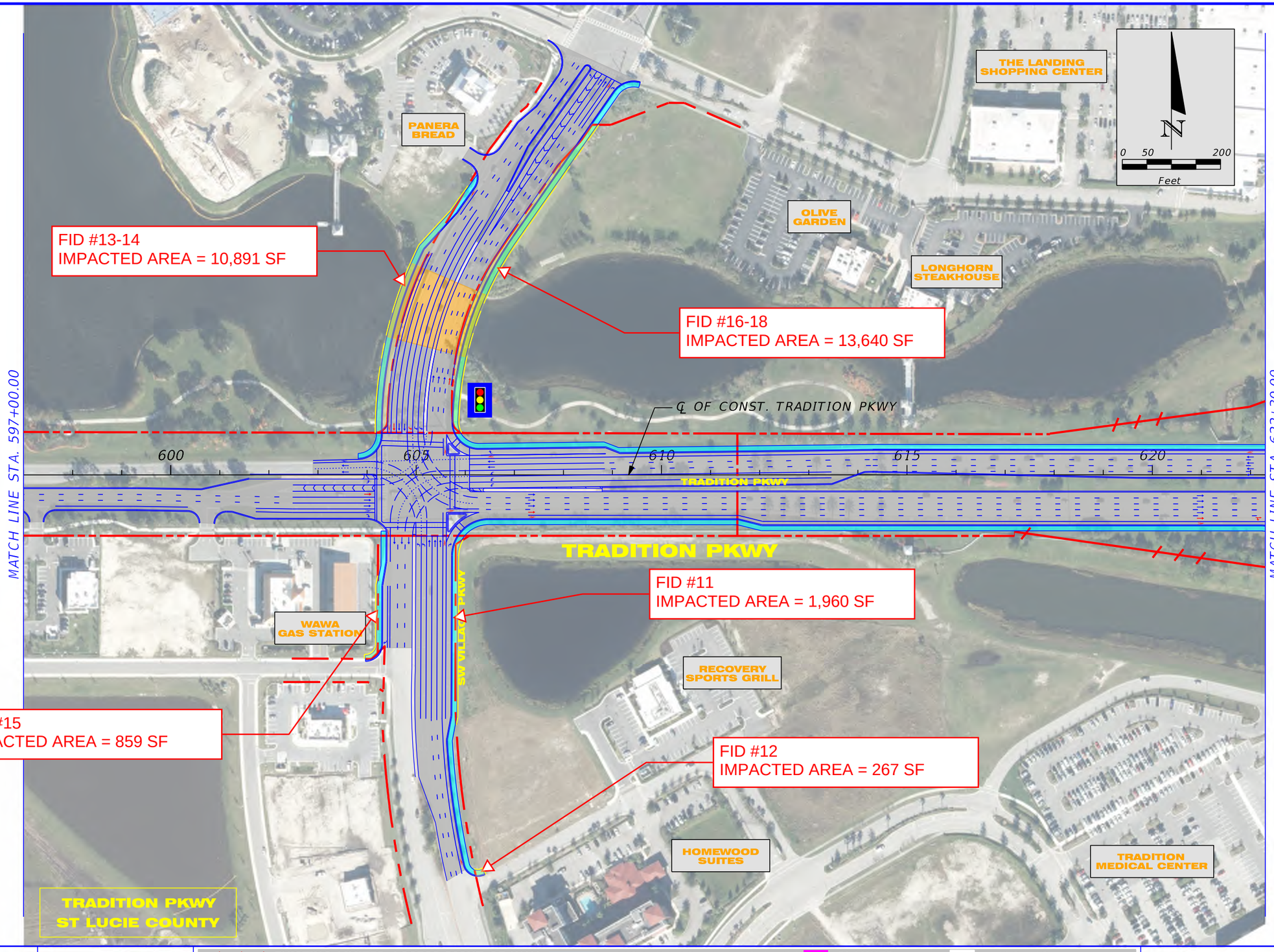
Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

- EXISTING LIMITED-ACCESS RIGHT OF WAY
- EXISTING RIGHT OF WAY
- REQUIRED R/W
- PROP. BRIDGE WIDENING / REPLACEMENT
- PLANNED IMPROVEMENTS (BY OTHERS)
- EXISTING SIGNALIZED INTERSECTION
- PROP. SIDEWALK/ SHARED USED PATH
- PROP. PAVED SHLDR.
- PROP. MASTER PLAN IMPROV.
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS

CROSSROADS PLAN SHEETS

SHEET NO.



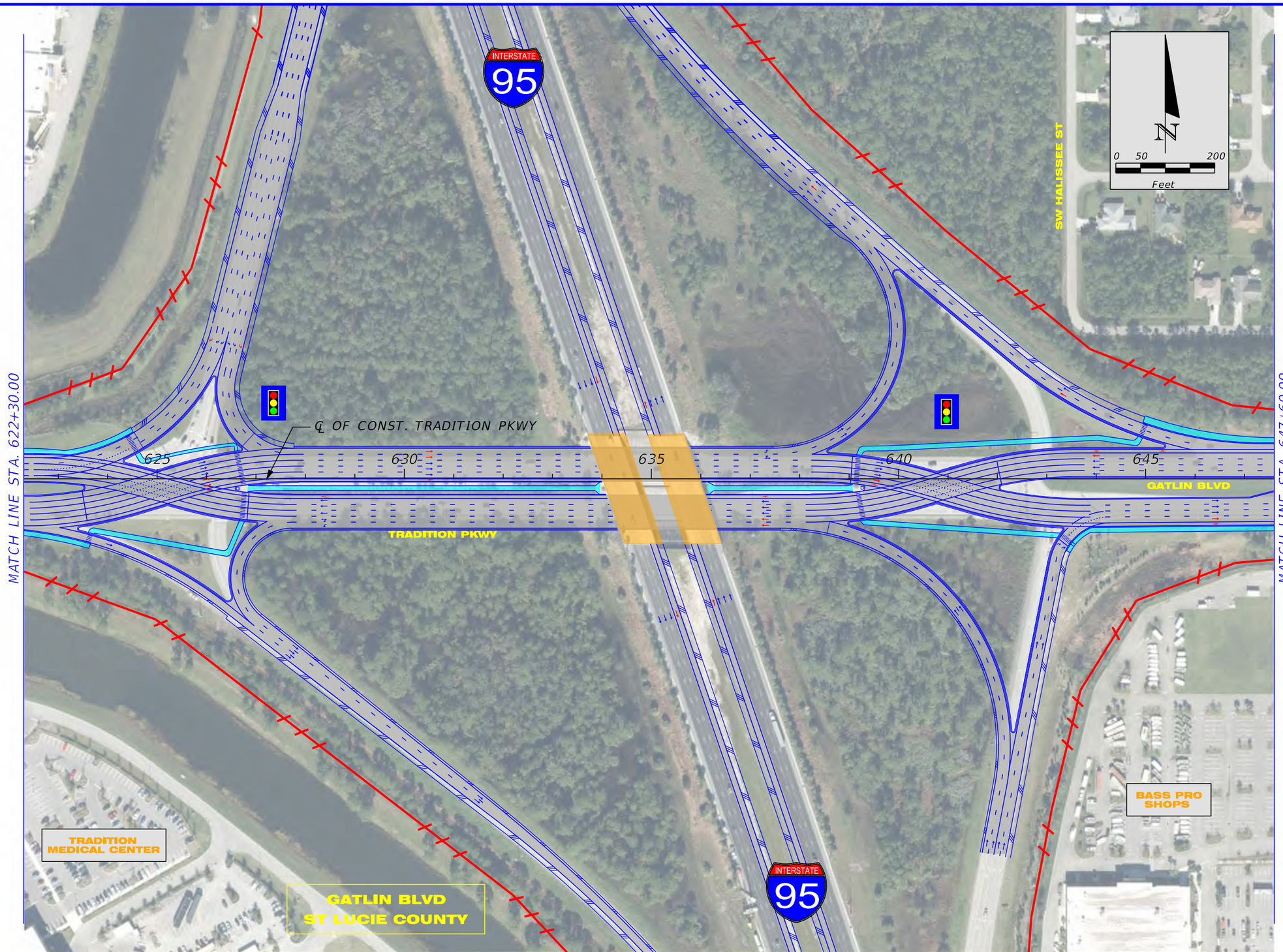
FDOT

Multimodal Master Plan TREASURE COAST

- EXISTING LIMITED-ACCESS RIGHT OF WAY
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- PROP. MASTER PLAN IMPROV.
- PLANNED IMPROVEMENTS (BY OTHERS)
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- PROP. BRIDGE WIDENING
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- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS
- EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO.



FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

- EXISTING LIMITED-ACCESS RIGHT OF WAY
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- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS

CROSSROADS PLAN SHEETS

SHEET NO.

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FID #2
IMPACTED AREA = 1,810.75.00 SF

FID #6
IMPACTED AREA = 1,653.52 SF

FID #1
IMPACTED AREA = 264.00 SF

FID #3
IMPACTED AREA = 1,748.77 SF

FID #4
IMPACTED AREA = 5,641.03 SF

FID #5
IMPACTED AREA = 5,602.89 SF

N

0 50 200
Feet

MATCH LINE STA. 647+60.00

MATCH LINE STA. 672+89.98

℄ OF CONST. GATLIN BLVD

650 655 660 665 670

GATLIN BLVD

SW BRESCIA CT

SW FOUNDERS WAY

SW EDGARDO ST

SW FONDURA RD

STARBUCKS

MOBIL GAS STATION

BP GAS STATION

RACETRAC GAS STATION

MILLER'S ALE HOUSE

WENDY'S

THE HOME DEPOT

CUBESMART SELF STORAGE

AUTO ZONE AUTO PARTS

GATLIN BLVD
ST LUCIE COUNTY

FDOT

Multimodal Master Plan
TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

- EXISTING LIMITED-ACCESS RIGHT OF WAY
- EXISTING RIGHT OF WAY
- REQUIRED R/W
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- PLANNED IMPROVEMENTS (BY OTHERS)
- EXISTING SIGNALIZED INTERSECTION
- PROP. SIDEWALK/ SHARED USED PATH
- PROP. PAVED SHLDR.
- PROP. MASTER PLAN IMPROV.
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS

CROSSROADS PLAN SHEETS

SHEET NO.

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FID #9
IMPACTED AREA = 15,349.34 SF

FID #10
IMPACTED AREA = 1,849.96 SF

FID #8
IMPACTED AREA = 3,234.60 SF

FID #7
IMPACTED AREA = 5,301.86 SF

FID #5
IMPACTED AREA = 5,602.89 SF

N

0 50 200
Feet

MATCH LINE STA. 672+89.98

℄ OF CONST. GATLIN BLVD

675 680 685 690

GATLIN BLVD

SW KENSINGTON ST

SW FONDURA RD

SW CASELLA ST

SW CHART ST

SW CHRISTINE PL

WALGREENS

CHEVRON GAS STATION

SELF STORAGE

WALMART SUPERCENTER

GATLIN BLVD
ST LUCIE COUNTY

FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE WIDENING / REPLACEMENT
PLANNED IMPROVEMENTS (BY OTHERS)

EXISTING SIGNALIZED INTERSECTION
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.
PROP. MASTER PLAN IMPROV.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

CROSSROADS PLAN SHEETS

SHEET NO.

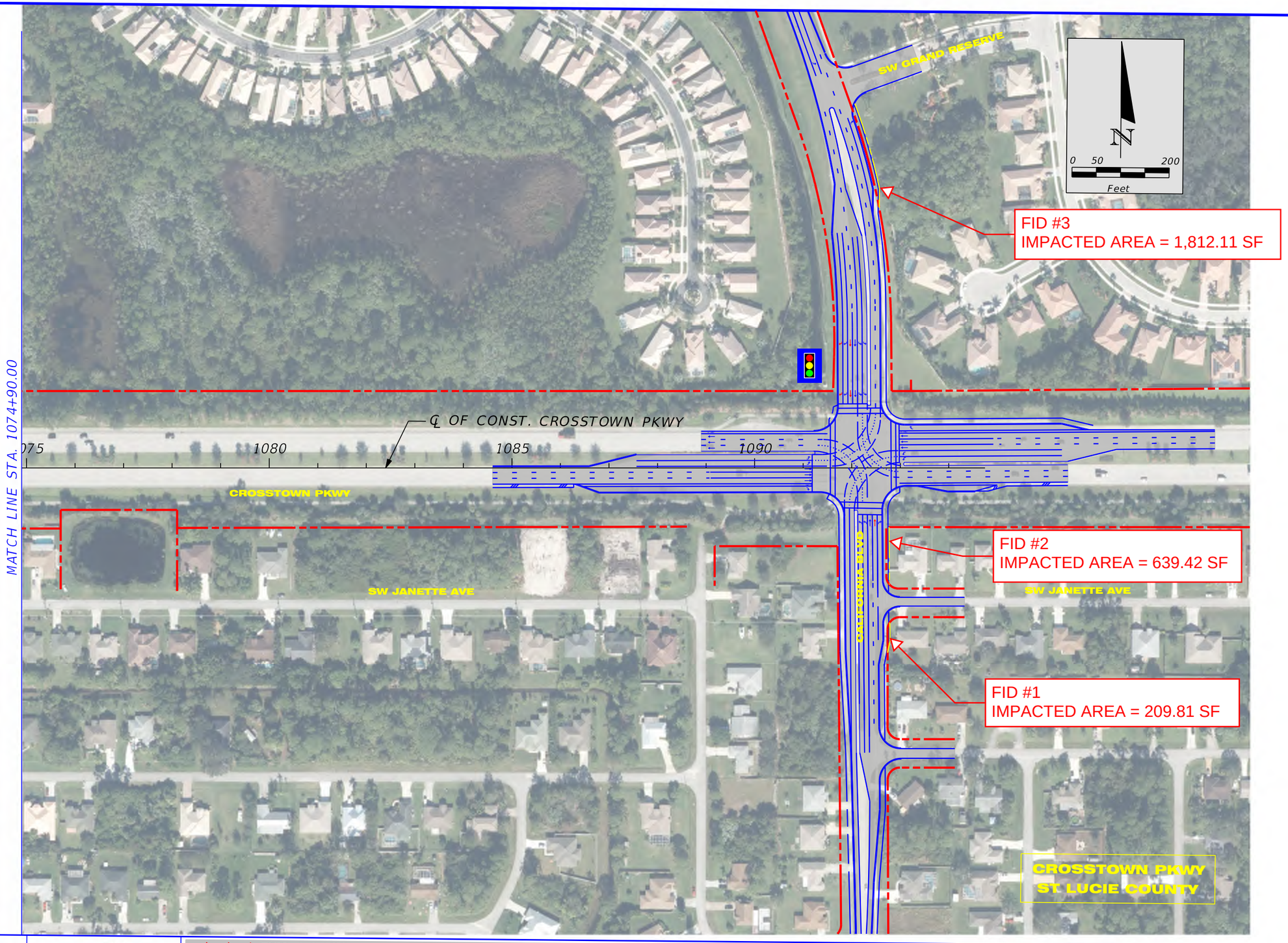
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Crosstown Parkway

Estimated Right-of-Way Impacts - Crosstown Parkway				
FID	**PARCELID**	**PARCEL USE DESCRIPTION (from St. Lucie County Property Appraiser site)**	**OWNER NAME**	**PERMANENT R/W IMPACT AREA (SF)**
1	3420-535-0875-000-6	PORT ST LUCIE-SECTION 08- BLK 1177 LOT 1	Mauro A Lourenco	209.81
2	3420-535-0874-000-9	PORT ST LUCIE-SECTION 08- BLK 1176 LOT 36	Virginia Perdue	639.42
3	3323-941-0013-000-5	ST LUCIE WEST PLAT #130 TORTOISE CAY AT ST LUCIE WEST PHASE 1 OPEN SPACE	Tortoise Cay at SLW Res Assn	1,812.11

Note:

Parcels Impacted	3
Total Right of Way (SF)	2,661.34



FDOT

Multimodal Master Plan TREASURE COAST

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

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CROSSROADS PLAN SHEETS

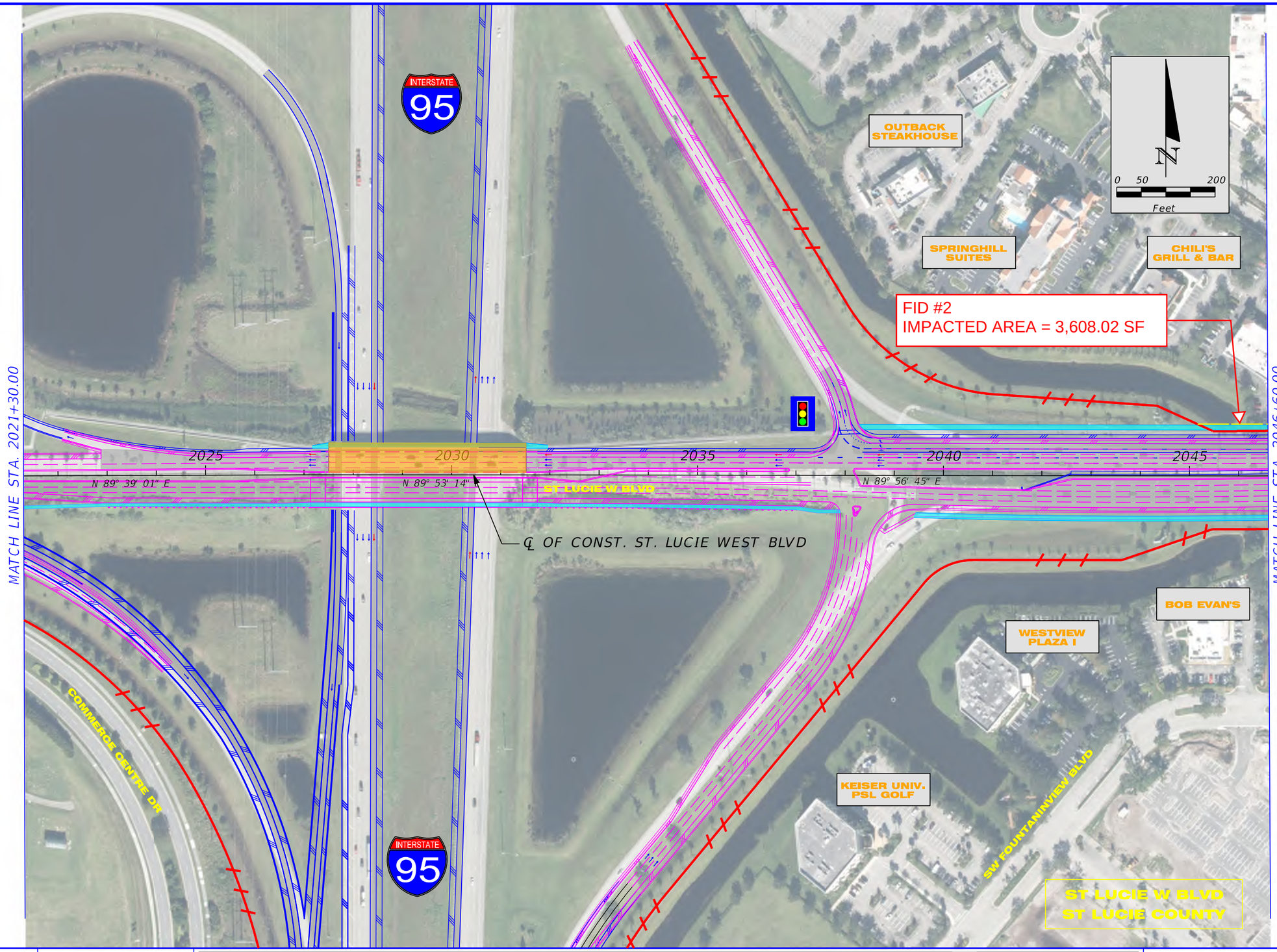
SHEET NO.

St. Lucie West Boulevard

Estimated Right-of-Way Impacts - St Lucie West Boulevard				
FID	**PARCELID**	**PARCEL USE DESCRIPTION (from St. Lucie County Property Appraiser site)**	**OWNER NAME**	**PERMANENT R/W IMPACT AREA (SF)**
1	3323-660-0004-000-7	ST LUCIE WEST PLAT #18 COMMERCIAL SITES	BC of St Lucie West LLC	4,416.31
2	3323-896-0002-000-8	ST LUCIE WEST PLAT #84 PARCEL 24 COMMERCIAL S/D LOT 1	OMI Investments LLC	3,608.02
3	3323-750-0047-000-6	ST LUCIE WEST PLAT #36 PARCEL 24LOT 1 - GAS STATION	St Lucie Enterprises LLC	5,294.97
4	3326-708-0002-000-7	ST LUCIE WEST PLAT 196 ST LUCIE CENTER	SDC St Lucie Partners LLC	3,924.46
5	3326-501-0001-000-5	ST LUCIE WEST PLAT #163 3RD REPLAT IN PARCEL 21C - Commercial	Benderson Development Co Inc	5,323.55

Note:

Parcels Impacted	5
Total Right of Way (SF)	22,567.31



FDOT

Multimodal Master Plan TREASURE COAST

- EXISTING LIMITED-ACCESS RIGHT OF WAY
- EXISTING RIGHT OF WAY
- REQUIRED R/W
- PROP. MASTER PLAN IMPROV.
- PLANNED IMPROVEMENTS (BY OTHERS)
- PROP. BRIDGE REPLACEMENT
- PROP. BRIDGE WIDENING
- PROP. SIDEWALK/ SHARED USED PATH
- PROP. PAVED SHLDR.
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS
- EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO.

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FID #4
IMPACTED AREA = 3,924.46 SF

FID #5
IMPACTED AREA = 5,323.55 SF

FID #3
IMPACTED AREA = 5,294.97 SF

FID #1
IMPACTED AREA = 4,416.31 SF

TOWN CENTER
SHELL GAS STATION
STARBUCKS
TGI FRIDAYS
CHASE BANK
PEACOCK BLVD
ST LUCIE W BLVD
2050
MATCH LINE STA. 2046+60
WENDY'S
MOBIL GAS STATION
CHIPOTLE MEXICAN GRILL
MCDONALD'S
SHOPPING CENTER
LAKE CHARLES BLVD
HAMPTON INN & SUITES
ST LUCIE W BLVD
ST LUCIE COUNTY

N
0 50 200
Feet

FDOT
I-95 Multimodal Master Plan TREASURE COAST

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.
PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS
EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO.

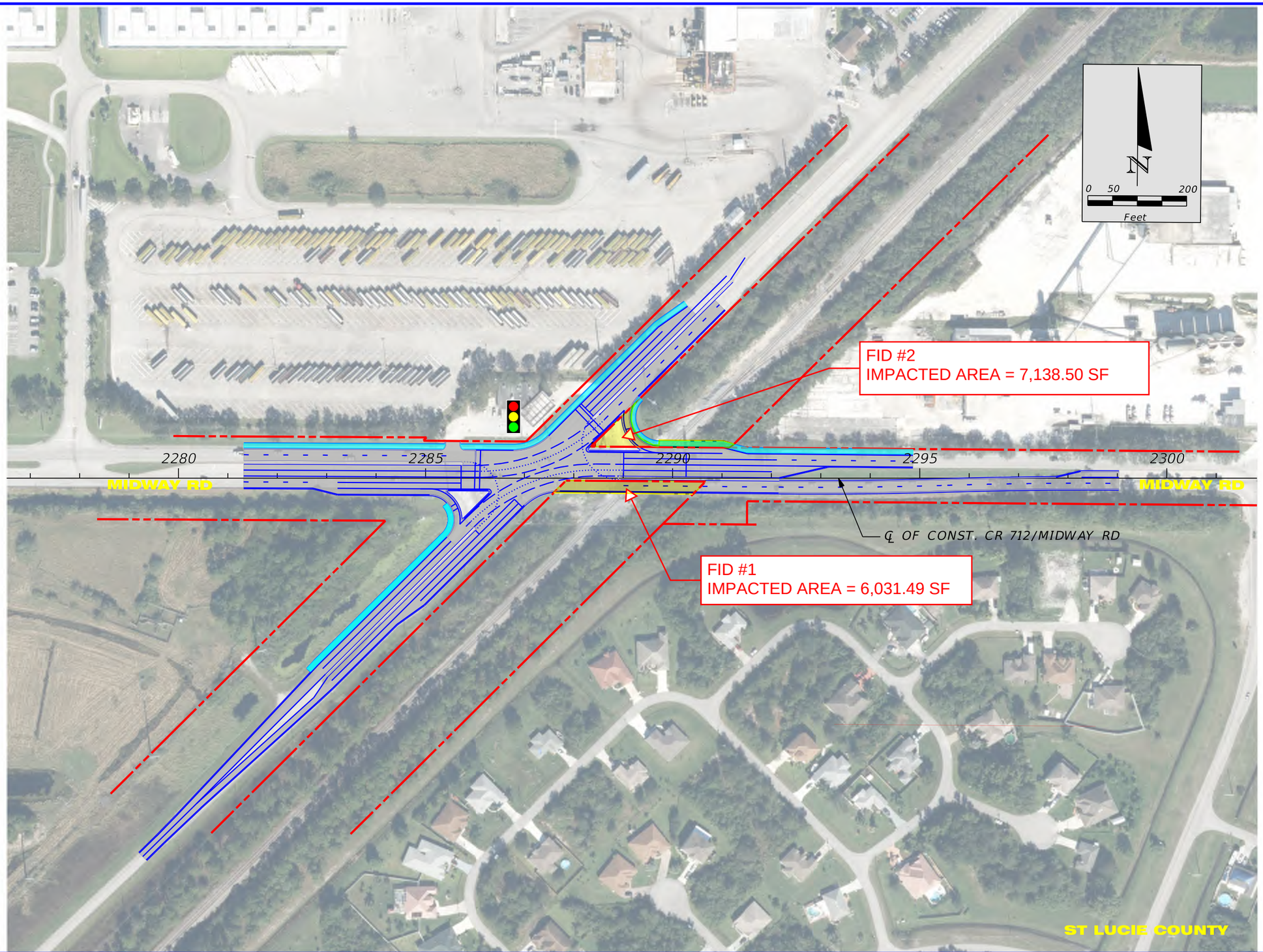
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CR 712 / Midway Road

Estimated Right-of-Way Impacts - Midway Road				
FID	**PARCELID**	**PARCEL USE DESCRIPTION (from St. Lucie County Property Appraiser site)**	**OWNER NAME**	**PERMANENT R/W IMPACT AREA (SF)**
1	3301-311-0000-000-8	31 36 39 THAT PART OF 32 AC IN 1-36-39 LYG IN S 1/2	FEC RR	6,031.49
2	3301-111-0001-000-1	1 36 39 THAT PART OF 32 AC IN 1-36-39 LYG IN N 1/2	FEC RR	7,138.50

Note:

Parcels Impacted	2
Total Right of Way (SF)	13,169.99



FDOT

Multimodal Master Plan TREASURE COAST

I-95 Multimodal Master Plan
FPID No.: 436577-1-22-01
FDOT-District 4

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. BRIDGE WIDENING TO BE DETERMINED
FUTURE EXIST. IMPROV. (BY OTHERS)
SIGNALIZED INTERSECTION
PROP. SIDEWALK
PROP. PAVED SHLDR.
PROP. MASTER PLAN IMPROV.

TITLE:
CROSSROAD PLAN SHEETS

SHEET NO.

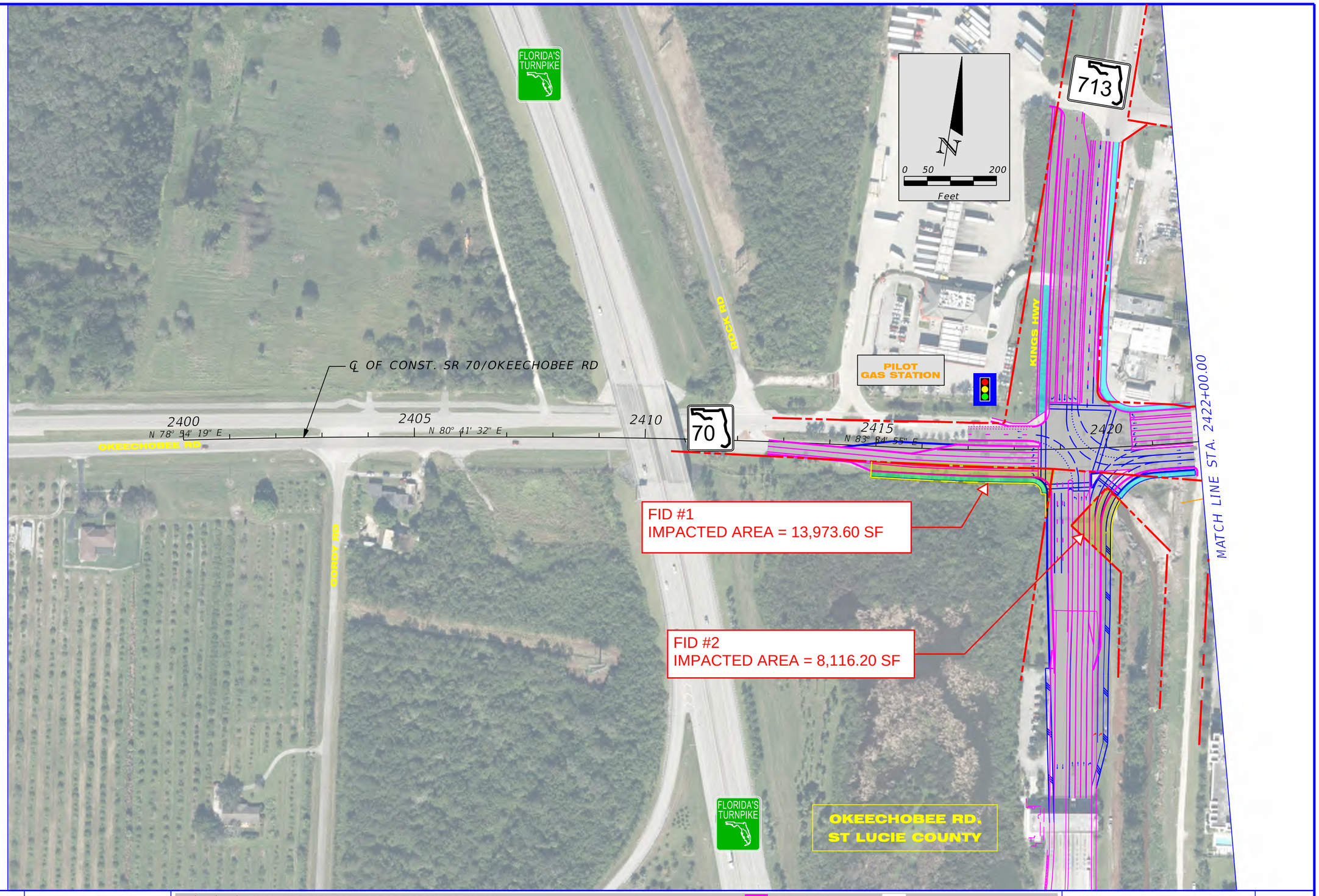
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SR 70 / Okeechobee Road

Estimated Right-of-Way Impacts - SR 70 / Okeechobee Road				
FID	**PARCELID**	**PARCEL USE DESCRIPTION (from St. Lucie County Property Appraiser site)**	**OWNER NAME**	**PERMANENT R/W IMPACT AREA (SF)**
1	2323-501-0073-000-8	MODEL LAND CO`S S/D 23 35 39 THAT PART OF LOTS 15 AND 16 IN SE 1/4 LYG S OF OKEE RD (12.95 AC)	Florida State Trnpk Auth	13,973.60
2	24 35 39 MODEL LAND	24 35 39 MODEL LAND CO THAT PART OF NEW CANAL IN SW COR OF SEC 24	NSLRWCD	8,116.20
3	2324-413-0000-000-9	EMPTY LOT	Cornerstone Fort Pierce Dev	2,614.50
4	2324-501-0001-000-6	RACETRAC PLAT NO 1 LOT 1 (1.31 AC) (OR 1210-903)	Racetrac Petroleum Inc	1,636.25

Note:

Parcels Impacted	4
Total Right of Way (SF)	26,340.55



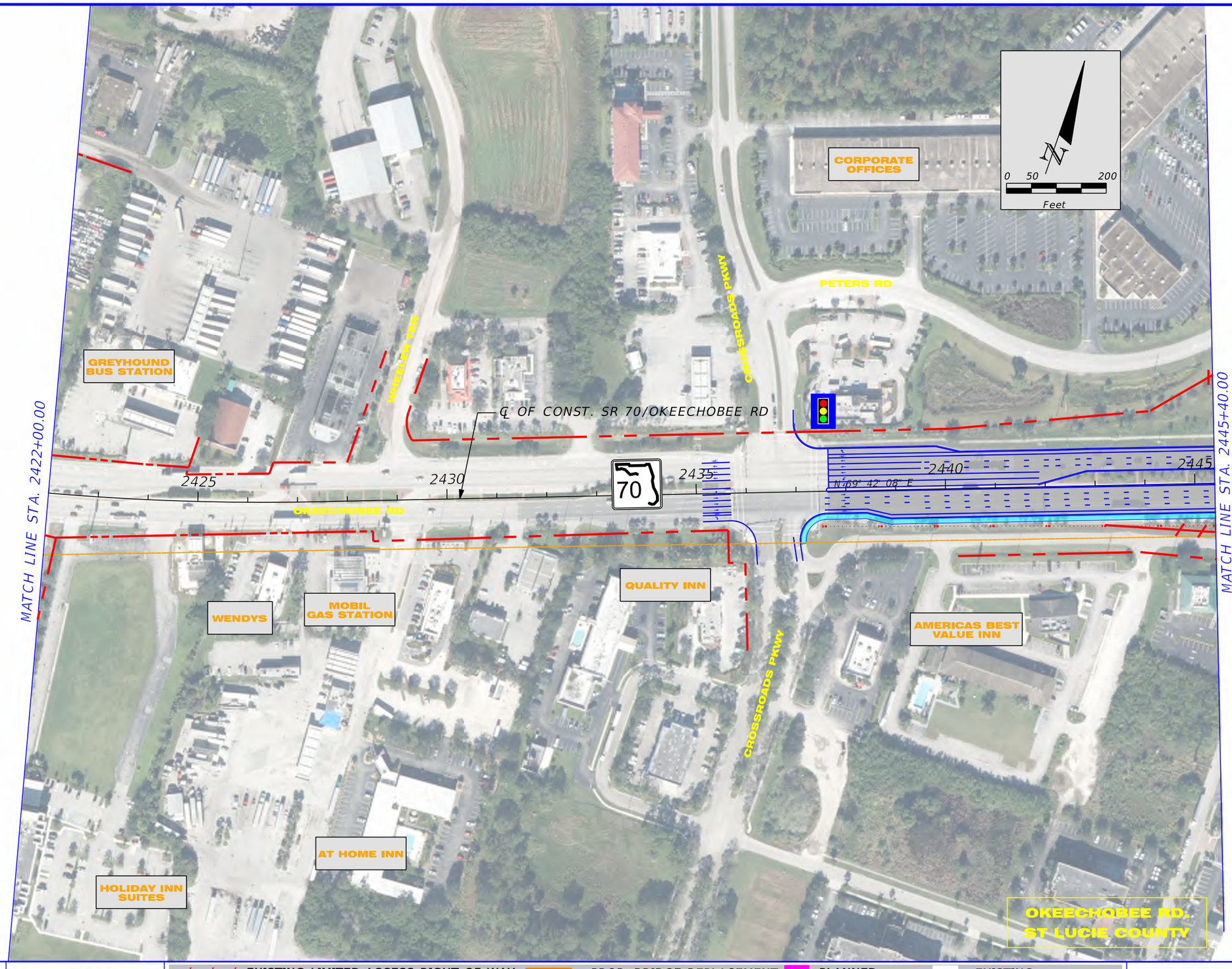
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Multimodal Master Plan TREASURE COAST

- EXISTING LIMITED-ACCESS RIGHT OF WAY
- EXISTING RIGHT OF WAY
- REQUIRED R/W
- PROP. MASTER PLAN IMPROV.
- PLANNED IMPROVEMENTS (BY OTHERS)
- PROP. BRIDGE REPLACEMENT
- PROP. BRIDGE WIDENING
- PROP. SIDEWALK/ SHARED USED PATH
- PROP. PAVED SHLDR.
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS
- EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO.



FDOT

Multimodal Master Plan TREASURE COAST

- EXISTING LIMITED-ACCESS RIGHT OF WAY
- EXISTING RIGHT OF WAY
- REQUIRED R/W
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- PROP. PAVED SHLDR.
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS
- EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO.

CORPORATE OFFICES

PETERS RD

INTERSTATE 95

THE HOME DEPOT

0 50 200
Feet

℄ OF CONST. SR 70/OKEECHOBEE RD

2450 2455 2460 2465 2470

N 70° 20' 08" E

OKEECHOBEE RD

MATCH LINE STA. 2445+40.00

MATCH LINE STA. 2470+70.00

RED LOBSTER

INTERSTATE 95

OKEECHOBEE RD.
ST LUCIE COUNTY

FDOT

Multimodal Master Plan
TREASURE COAST

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

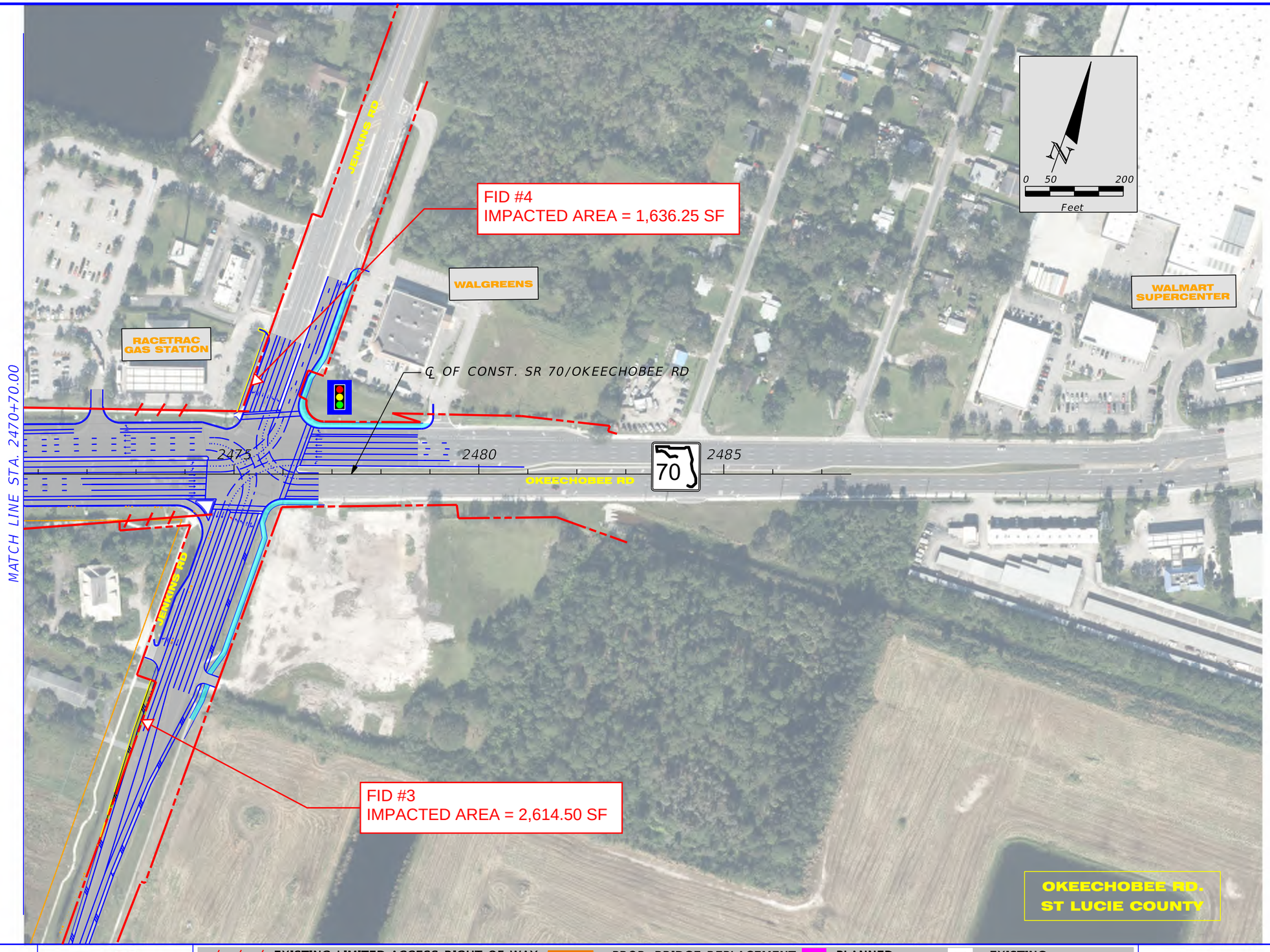
PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO.



EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO. 4

SR 68 / Orange Avenue

Estimated Right-of-Way Impacts - SR 68 / Orange Avenue				
FID	**PARCELID**	**PARCEL USE DESCRIPTION (from St. Lucie County Property Appraiser site)**	**OWNER NAME**	**PERMANENT R/W IMPACT AREA (SF)**
1	2312-231-0003-000-5	12 35 39 SW 1/4 OF NW 1/4-LESS ORANGE AV R/W	CFJ Properties	2,976.49

Note:

Parcels Impacted	1
Total Right of Way (SF)	2,976.49

FID #1
IMPACTED AREA = 2,976.49 SF

713

INTERSTATE 95

N

0 50 200
Feet

FLYING J TRAVEL CENTER

SR 713 / N KINGS HWY

℄ OF CONST. SR 68/ORANGE AVE

AT STA. 2500+00.00

2500 2505 2510 2515 2520

ORANGE AVE

68

MATCH LINE STA. 2524+00.00

LOVES TRAVEL CENTER

713

ORANGE AVE
ST LUCIE COUNTY

FDOT

Multimodal Master Plan
TREASURE COAST

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

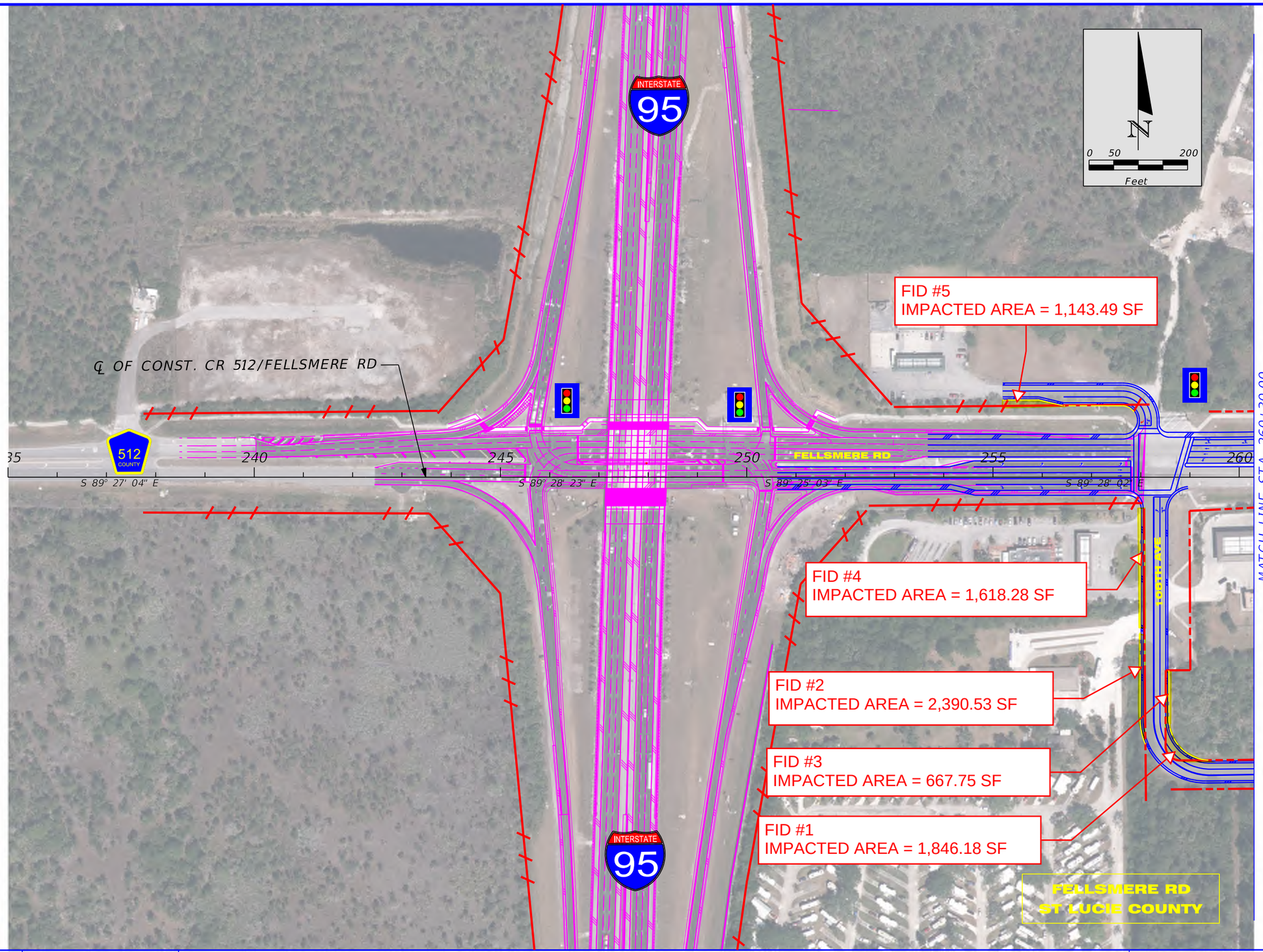
SHEET NO.

CR 512 / Fellsmere Road

Estimated Right-of-Way Impacts - CR 512 / Fellsmere Road				
FID	**PARCELID**	**PARCEL USE DESCRIPTION (from Indian River County Property Appraiser site)**	**OWNER NAME**	**PERMANENT R/W IMPACT AREA (SF)**
1	31382900001004000007.0	ERO LAKE ESTATES SUB UNIT H-4 - BLK D LOT 7 PBI 6-31	RO-ED CORP	1,846.18
2	31382000000500000001.1	FROM NE COR OF SW1/4 OF SE1/4 OF SEC - 20-31-38	SUNBURST/ENCORE LP	2,390.53
3	31382900001004000004.0	VERO LAKE ESTATES SUB UNIT H-4	RO-ED CORP	667.75
4	31382000000700000001.0	OM AT NE COR OF SW 1/4 OF SE 1/4	MCDONALD'S CORP	1,618.28
5	31382000000700000003.0	A POR OF N 1/2 OF THE SE 1/4 DESC AS	JET OIL INC	1,143.49

Note:

Parcels Impacted	5
Total Right of Way (SF)	7,666.23



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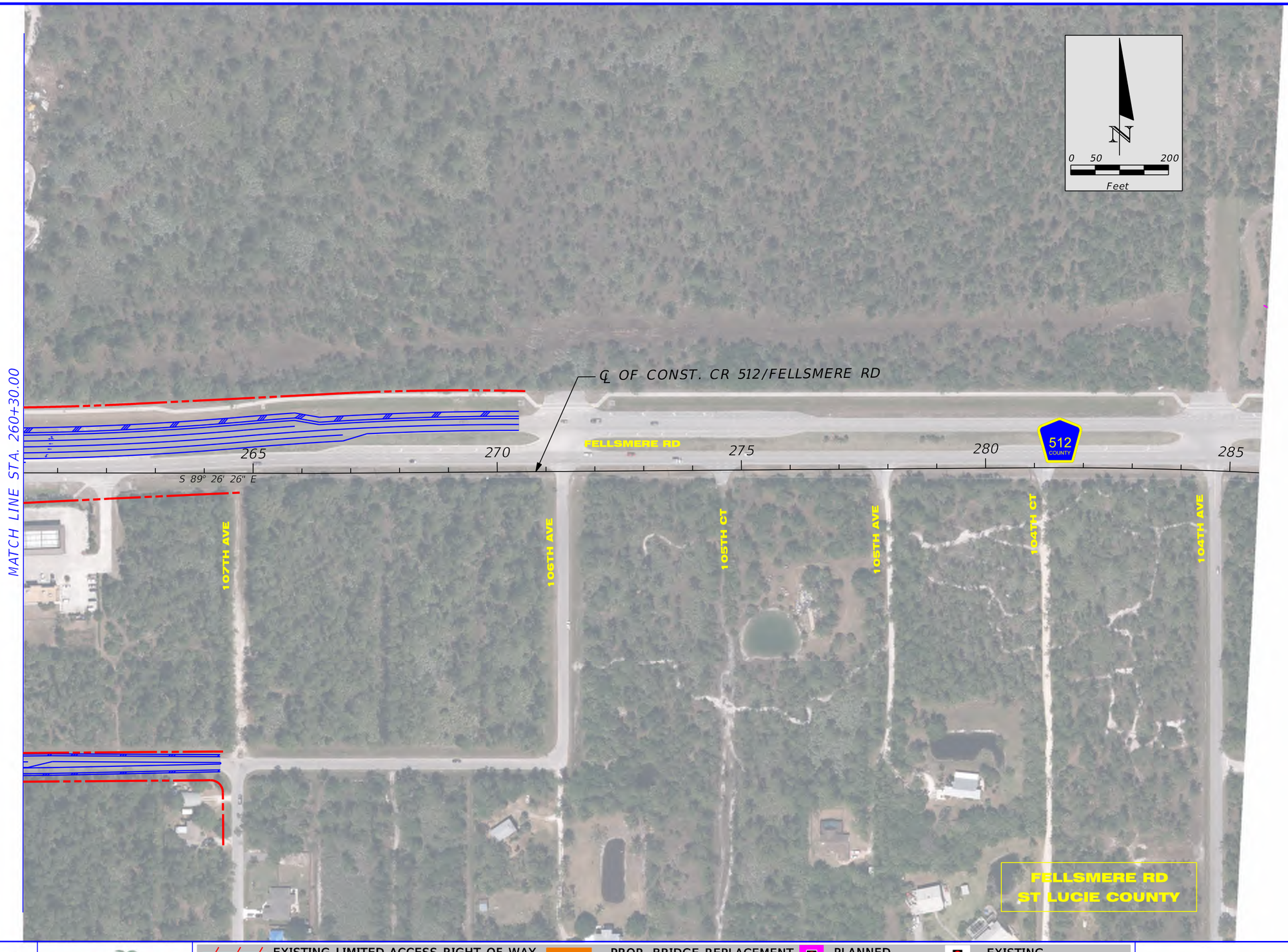
Multimodal Master Plan TREASURE COAST

- EXISTING LIMITED-ACCESS RIGHT OF WAY
- EXISTING RIGHT OF WAY
- REQUIRED R/W
- PROP. MASTER PLAN IMPROV.
- PLANNED IMPROVEMENTS (BY OTHERS)
- PROP. BRIDGE REPLACEMENT
- PROP. BRIDGE WIDENING
- PROP. SIDEWALK/ SHARED USED PATH
- PROP. PAVED SHLDR.
- PLANNED SIGNALIZED INTERSECTION
- PROPOSED SIGNALIZATION IMPROVEMENTS
- EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO.

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Multimodal Master Plan TREASURE COAST

EXISTING LIMITED-ACCESS RIGHT OF WAY
EXISTING RIGHT OF WAY
REQUIRED R/W
PROP. MASTER PLAN IMPROV.
PLANNED IMPROVEMENTS (BY OTHERS)

PROP. BRIDGE REPLACEMENT
PROP. BRIDGE WIDENING
PROP. SIDEWALK/ SHARED USED PATH
PROP. PAVED SHLDR.

PLANNED SIGNALIZED INTERSECTION
PROPOSED SIGNALIZATION IMPROVEMENTS

EXISTING SIGNALIZED INTERSECTION

CROSSROADS PLAN SHEETS

SHEET NO.

Appendix G

Long Range Estimates

SR 9 / I-95 ML Widening

Date: 3/13/2020 3:27:00 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 413253-2-52-01 **Letting Date:** 01/2099

Description: I-95 FROM MARTIN/PALM BEACH COUNTY LINE TO CR-708/BRIDGE ROAD

District: 04 **County:** 89 MARTIN **Market Area:** 11 **Units:** English
Contract Class: 1 **Lump Sum Project:** N **Design/Build:** N **Project Length:** 7.459 MI

Project Manager: NAGOLE

Version 4 Project Grand Total **$54,789,876.32**
Description: I-95 Master Plan Concept including managed lanes from Palm Beach / Martin County Line to Bridge Road.

Sequence: 1 WDR - Widen/Resurface, Divided, Rural **Net Length:** 6.877 MI
36,311 LF
Description: M&R and widen SR-9 to accommodate a 4' buffer, a 12' managed lane, and a 12' shoulder in each direction on the inside. Includes bridge work. For interchanges, see concept LREs

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EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	54.00 / 54.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	6.877
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	90.03	AC	$15,000.00	$1,350,450.00
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	492,451.88	CY	$15.00	$7,386,778.20

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
120-6	EMBANKMENT	50,000.00	CY	$15.21	$760,500.00

Earthwork Component Total	$9,497,728.20

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	8
Existing Roadway Pavement Width L/R	36.00 / 36.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 0.00
Widened Inside Pavement Width L/R	16.00 / 16.00
Widened Structural Spread Rate	440
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	225,932.37	SY	$6.00	$1,355,594.22
285-709	OPTIONAL BASE,BASE GROUP 09	131,766.99	SY	$18.00	$2,371,805.82
327-70-19	MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH	290,484.48	SY	$6.66	$1,934,626.64
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	23,964.97	TN	$120.08	$2,877,713.60
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	28,402.93	TN	$120.08	$3,410,623.83
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	11,619.38	TN	$150.00	$1,742,907.00
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	5,164.17	TN	$150.00	$774,625.50

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
536-1-3	GUARDRAIL- ROADWAY, DOUBLE FACE	36,116.00	LF	$31.36	$1,132,597.76
536-85-26	GUARDRAIL END TREATMENT-TYPE CRT	10.00	EA	$2,959.76	$29,597.60
999-20-1	DISPUTES REVIEW BD, MEETING-DO NOT BID	36.00	DA	$3,300.00	$118,800.00
999-20-2	DISPUTES REVIEW BD, HEARING-DO NOT BID	2.00	EA	$4,000.00	$8,000.00

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	6

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-1-1	RAISED PAVMT MARK, TYPE B W/O FINAL SURF	6,499.00	EA	$4.25	$27,620.75

710-11-111	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	27.51	NM	$900.00	$24,759.00
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	41.26	GM	$400.00	$16,504.00
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	27.51	GM	$4,500.00	$123,795.00
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	41.26	GM	$1,500.00	$61,890.00
711-15-201	THERMOPLASTIC, STD-OP,YELLOW, SOLID, 6"	27.51	GM	$4,500.00	$123,795.00

Peripherals Subcomponent

Description	Value
Off Road Bike Path(s)	0
Off Road Bike Path Width L/R	0.00 / 0.00
Bike Path Structural Spread Rate	0
Noise Barrier Wall Length	0.00
Noise Barrier Wall Begin Height	0.00
Noise Barrier Wall End Height	0.00

Roadway Component Total $16,135,255.72

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	12.00 / 12.00
New Total Outside Shoulder Width L/R	0.00 / 0.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Existing Paved Outside Shoulder Width L/R	10.00 / 10.00
New Paved Outside Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-19	MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH	80,690.13	SY	$6.66	$537,396.27
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	6,656.94	TN	$120.08	$799,365.36
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	213.02	TN	$150.00	$31,953.00
546-72-1	GROUND-IN RUMBLE STRIPS, 16"	13.75	GM	$1,500.00	$20,625.00

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	83,514.29	LF	$1.83	$152,831.15
104-11	FLOATING TURBIDITY BARRIER	687.70	LF	$15.04	$10,343.01
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	687.70	LF	$5.16	$3,548.53
104-15	SOIL TRACKING PREVENTION	7.00	EA	$2,789.34	$19,525.38

	DEVICE			
107-1	LITTER REMOVAL	50.00 AC	$37.18	$1,859.00
107-2	MOWING	50.00 AC	$47.26	$2,363.00
	Shoulder Component Total			$1,579,809.70

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	88.00
Performance Turf Width	4.00
New Total Median Shoulder Width L/R	12.00 / 12.00
New Paved Median Shoulder Width L/R	12.00 / 12.00
Existing Total Median Shoulder Width L/R	0.00 / 0.00
Existing Paved Median Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-709	OPTIONAL BASE,BASE GROUP 09	99,490.93	SY	$18.00	$1,790,836.74
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	7,988.32	TN	$120.08	$959,237.47
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	213.02	TN	$150.00	$31,953.00
546-72-1	GROUND-IN RUMBLE STRIPS, 16"	14.00	GM	$1,500.00	$21,000.00
570-1-2	PERFORMANCE TURF, SOD	16,138.03	SY	$3.50	$56,483.10
	Median Component Total				$2,859,510.32

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	123.79	CY	$1,600.00	$198,064.00
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	5,504.00	LF	$89.98	$495,249.92
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	552.00	LF	$583.58	$322,136.16
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	276.00	EA	$2,996.87	$827,136.12
570-1-1	PERFORMANCE TURF	4,841.41	SY	$1.80	$8,714.54

Box Culvert 1

Description	Value
Size	12 x 12
Length	240.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-4-1	CONC CLASS IV, CULVERTS	533.80	CY	$1,100.00	$587,180.00
415-1-1	REINF STEEL- ROADWAY	59,440.00	LB	$1.00	$59,440.00

Box Culvert 2

Description	Value
Size	8 x 8
Length	280.00
Multiplier	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-4-1	CONC CLASS IV, CULVERTS	593.40	CY	$1,100.00	$652,740.00
415-1-1	REINF STEEL- ROADWAY	72,708.00	LB	$1.00	$72,708.00

Box Culvert 3

Description	Value
Size	10 x 5
Length	242.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-4-1	CONC CLASS IV, CULVERTS	266.22	CY	$1,100.00	$292,842.00
415-1-1	REINF STEEL- ROADWAY	32,406.20	LB	$1.00	$32,406.20

Box Culvert 4

Description	Value
Size	8 x 8
Length	242.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-4-1	CONC CLASS IV, CULVERTS	259.84	CY	$1,100.00	$285,824.00
415-1-1	REINF STEEL- ROADWAY	31,615.40	LB	$1.00	$31,615.40

Box Culvert 5

Description	Value
Size	8 x 8
Length	242.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-4-1	CONC CLASS IV, CULVERTS	259.84	CY	$1,100.00	$285,824.00
415-1-1	REINF STEEL- ROADWAY	31,615.40	LB	$1.00	$31,615.40

Box Culvert 6

Description	Value

Size	10 x 5
Length	242.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-4-1	CONC CLASS IV, CULVERTS	266.22	CY	$1,100.00	$292,842.00
415-1-1	REINF STEEL- ROADWAY	32,406.20	LB	$1.00	$32,406.20

Box Culvert 7

Description	Value
Size	12 x 12
Length	240.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-4-1	CONC CLASS IV, CULVERTS	533.80	CY	$1,100.00	$587,180.00
415-1-1	REINF STEEL- ROADWAY	59,440.00	LB	$1.00	$59,440.00

Retention Basin 1

Description	Value
Size	5 AC
Multiplier	3
Depth	6.00
Description	

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	15.00	AC	$15,000.00	$225,000.00
120-1	REGULAR EXCAVATION	145,200.00	CY	$10.00	$1,452,000.00
400-2-2	CONC CLASS II, ENDWALLS	90.00	CY	$1,600.00	$144,000.00
425-1-541	INLETS, DT BOT, TYPE D, <10'	3.00	EA	$4,000.00	$12,000.00
425-2-71	MANHOLES, J-7, <10'	6.00	EA	$7,000.00	$42,000.00
430-175-160	PIPE CULV, OPT MATL, ROUND, 60"S/CD	1,200.00	LF	$300.00	$360,000.00
550-10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	5,580.00	LF	$14.00	$78,120.00
550-60-234	FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN	6.00	EA	$2,000.00	$12,000.00
570-1-1	PERFORMANCE TURF	72,600.00	SY	$1.80	$130,680.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	168.00	LF	$180.00	$30,240.00
	Comment: pay item added to cover potential need for connection to retention basin				

Drainage Component Total $7,641,403.94

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	14.00	AS	$349.86	$4,898.04
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	166.00	AS	$1,083.72	$179,897.52
700-1-60	SINGLE POST SIGN, REMOVE	180.00	AS	$23.65	$4,257.00
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	14.00	AS	$3,616.32	$50,628.48
700-2-60	MULTI- POST SIGN, REMOVE	14.00	AS	$715.86	$10,022.04

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-4-137	OH STATIC SGN STR, F&I, M SP 151-200 FT	1.00	EA	$280,000.00	$280,000.00
	Comment: Sign structure impacted at station 462+25				
700-4-620	OH STATIC SIGN STR, REMOVE, SPAN	1.00	EA	$11,600.00	$11,600.00
	Signing Component Total				$541,303.08

SIGNALIZATIONS COMPONENT

Traffic Monitoring 1

Description	Value
Lanes	4
Multiplier	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	300.00	LF	$8.00	$2,400.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	80.00	LF	$20.00	$1,600.00
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36"	6.00	EA	$1,300.00	$7,800.00
695-1-1	TMS VEH SNSR-NON-WEIGHT, F&I,	8.00	EA	$1,300.00	$10,400.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
646-2-120	ALUMINUM POLE- INDEX 17900, F&I, 20'	2.00	EA	$2,318.05	$4,636.10
695-3-11	TMS VEH SPEED/CLASS UNIT, F&I,	2.00	AS	$5,000.00	$10,000.00
695-5-1	TMS VEH SOLAR POWER UNIT, F&I,	2.00	EA	$3,200.00	$6,400.00
695-6-12	TMS IND LOOP ASSEMBLY	8.00	EA	$1,100.00	$8,800.00
695-7-143	TMS CABINET, F&I , TYP 4 POLE	2.00	EA	$3,200.00	$6,400.00
695-8-11	TMS VEH SYSTEM COMMUNICATIONS MODE, F&I,	2.00	EA	$1,900.00	$3,800.00
	Signalizations Component Total				$62,236.10

INTELLIGENT TRAFFIC SYSTEM (ITS) COMPONENT

Description of Work

Estimation from 2019 LRE Update Cycle. No changes made.

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	1,067.00	LF	$20.00	$21,340.00
	Comment: ITS component				
633-1-122	FIBER OPTIC CABLE, F&I, UG,13-48	50,258.00	LF	$3.00	$150,774.00
	Comment: ITS component				
633-1-123	FIBER OPTIC CABLE, F&I, UG,49-96	56,903.00	LF	$3.25	$184,934.75
	Comment: ITS component				
633-8-1	MULTI-CONDUCTOR COMMUNICATION CABLE, F&I	1,349.00	LF	$4.50	$6,070.50
	Comment: ITS component				
635-2-13	PULL & SPLICE BOX, F&I, 30" X 60" OR 36"	23.00	EA	$2,700.00	$62,100.00
	Comment: ITS component				
635-3-12	JUNCTION BOX, FURNISH & INSTALL, MOUNTED	27.00	EA	$500.00	$13,500.00
	Comment: ITS component				
639-1-122	ELECTRICAL POWER SRV,F&I, UG,PUR CONT	4.00	AS	$2,400.00	$9,600.00
660-3-11	VEHICLE DETECTION SYSTEM-MICRO,F&I, CAB	18.00	EA	$1,500.00	$27,000.00
	Comment: ITS component				
676-2-111	ITS CABINET- F&I, POLE, 336	36.00	EA	$6,700.00	$241,200.00
	Comment: ITS component				
682-1-111	ITS CCTV CAMERA, F&I, DOME ENCL-PRES.	14.00	EA	$7,100.00	$99,400.00
	Comment: ITS component				
684-1-1	MANAGED FIELD ETHERNET SWITCH, F&I	14.00	EA	$3,200.00	$44,800.00
	Comment: ITS component				
684-3-11	DIGITAL VIDEO ENC W SO, F&I HARD ENCODER	14.00	EA	$3,000.00	$42,000.00
	Comment: ITS component				
684-6-12	WIRELESS COMMUNICATION DEVICE, F&I, ETHE	31.00	EA	$4,800.00	$148,800.00
	Comment: ITS component				
687-1-50	HIGHWAY ADVISORY RADIO, MODI, AC POWERED	9.00	EA	$6,000.00	$54,000.00
	Comment: ITS component				
	Intelligent Traffic System (ITS) Component Total				$1,105,519.25

BRIDGES COMPONENT

Bridge 890115

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	200.00
Width (LF)	28.00
Type	Low Level, Widen
Cost Factor	2.25
Structure No.	
Removal of Existing Structures area	2,000.00
Default Cost per SF	$55.00
Factored Cost per SF	$123.75
Final Cost per SF	**$130.36**
Basic Bridge Cost	**$693,000.00**
Description	WIDEN THE SOUTHBOUND BRIDGE OVER CYPRESS CREEK.

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	2,000.00	SF	$50.00	$100,000.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$420.00	$26,132.40
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$1.00	$10,888.50
	Bridge 890115 Total				$830,020.90

Bridge 890116

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	200.00
Width (LF)	28.00
Type	Low Level, Widen
Cost Factor	2.25
Structure No.	
Removal of Existing Structures area	2,000.00
Default Cost per SF	$55.00
Factored Cost per SF	$123.75
Final Cost per SF	**$130.36**
Basic Bridge Cost	**$693,000.00**
Description	WIDEN THE NORTHBOUND BRIDGE OVER CYPRESS CREEK.

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	2,000.00	SF	$50.00	$100,000.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$420.00	$26,132.40
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$1.00	$10,888.50
	Bridge 890116 Total				$830,020.90

Bridges Component Total	$1,660,041.80
Sequence 1 Total	$41,082,808.11

Sequence: 2 NDR - New Construction, Divided, Rural **Net Length:** 0.582 MI
3,073 LF

Description: Reconstruction of I-95 from beginning of the project to station 145+93

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	100.00 / 100.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.582
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	14.11	AC	$15,000.00	$211,650.00
120-6	EMBANKMENT	74,896.00	CY	$15.21	$1,139,168.16
	Earthwork Component Total				$1,350,818.16

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	6
Roadway Pavement Width L/R	52.00 / 52.00
Structural Spread Rate	330
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	53,264.64	SY	$6.00	$319,587.84
285-709	OPTIONAL BASE,BASE GROUP 09	35,960.46	SY	$18.00	$647,288.28
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	5,859.11	TN	$120.08	$703,561.93
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	1,420.39	TN	$150.00	$213,058.50

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
536-1-3	GUARDRAIL- ROADWAY, DOUBLE FACE	172.00	LF	$31.36	$5,393.92
536-85-26	GUARDRAIL END TREATMENT-TYPE CRT	2.00	EA	$2,959.76	$5,919.52

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-1-1	RAISED PAVMT MARK, TYPE B W/O FINAL SURF	393.00	EA	$4.25	$1,670.25
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	2.33	GM	$1,261.89	$2,940.20
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	2.33	GM	$400.00	$932.00
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	2.33	GM	$4,500.00	$10,485.00
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	2.33	GM	$1,500.00	$3,495.00
	Roadway Component Total				$1,914,332.44

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	14.00 / 14.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Paved Outside Shoulder Width L/R	12.00 / 12.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	8,419.91	SY	$16.34	$137,581.33
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	450.70	TN	$120.08	$54,120.06
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	327.78	TN	$150.00	$49,167.00
570-1-1	PERFORMANCE TURF	1,365.76	SY	$1.80	$2,458.37

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	7,989.70	LF	$1.83	$14,621.15
104-11	FLOATING TURBIDITY BARRIER	145.50	LF	$15.04	$2,188.32
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	145.50	LF	$5.16	$750.78

104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	$2,789.34	$2,789.34
104-18	INLET PROTECTION SYSTEM	4.00 EA	$96.68	$386.72
107-1	LITTER REMOVAL	14.11 AC	$37.18	$524.61
107-2	MOWING	14.11 AC	$47.26	$666.84
	Shoulder Component Total			$265,254.52

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	40.00
Performance Turf Width	5.34
Total Median Shoulder Width L/R	12.00 / 12.00
Paved Median Shoulder Width L/R	12.00 / 12.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	8,419.91	SY	$16.34	$137,581.33
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	450.70	TN	$113.36	$51,091.35
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	327.78	TN	$150.00	$49,167.00
570-1-1	PERFORMANCE TURF	1,823.29	SY	$1.80	$3,281.92
	Median Component Total				$241,121.60

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	10.48	CY	$1,600.00	$16,768.00
425-1-551	INLETS, DT BOT, TYPE E, <10'	4.00	EA	$4,773.55	$19,094.20
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	472.00	LF	$89.98	$42,470.56
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	208.00	LF	$106.79	$22,212.32
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	176.00	LF	$583.58	$102,710.08
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	24.00	EA	$2,996.87	$71,924.88
524-1-1	CONCRETE DITCH PAVT, NR, 3"	1,164.00	SY	$65.83	$76,626.12
570-1-1	PERFORMANCE TURF	409.73	SY	$1.80	$737.51
	Drainage Component Total				$352,543.67

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	2.00 AS	$349.86	$699.72
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	14.00 AS	$1,083.72	$15,172.08
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	2.00 AS	$3,616.32	$7,232.64
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	4.00 AS	$4,899.35	$19,597.40
	Signing Component Total			$42,701.84

RETAINING WALLS COMPONENT

Retaining Wall 1

Description	Value
Length	2,722.00
Begin height	1.00
End Height	10.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	14,971.00 SF	$29.21	$437,302.91

Retaining Wall 2

Description	Value
Length	1,875.00
Begin height	1.00
End Height	10.00
Multiplier	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	10,312.50 SF	$29.21	$301,228.12
	Retaining Walls Component Total			$738,531.04

Sequence 2 Total $4,905,303.27

Date: 3/13/2020 3:27:01 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 413253-2-52-01 **Letting Date:** 01/2099

Description: I-95 FROM MARTIN/PALM BEACH COUNTY LINE TO CR-708/BRIDGE ROAD

District: 04 **County:** 89 MARTIN **Market Area:** 11 **Units:** English
Contract Class: 1 **Lump Sum Project:** N **Design/Build:** N **Project Length:** 7.459 MI

Project Manager: NAGOLE

Version 4 Project Grand Total **$54,789,876.32**
Description: I-95 Master Plan Concept including managed lanes from Palm Beach / Martin County Line to Bridge Road.

Project Sequences Subtotal			**$45,988,111.38**
102-1	Maintenance of Traffic	10.00 %	$4,598,811.14
101-1	Mobilization	8.00 %	$4,046,953.80
Project Sequences Total			**$54,633,876.32**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-16	PARTNERING (DO NOT BID)	2.00	LS	$3,000.00	$6,000.00
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$150,000.00	$150,000.00
Project Non-Bid Subtotal					**$156,000.00**
Version 4 Project Grand Total					**$54,789,876.32**

SR 9 / I-95 ML Widening

Date: 3/13/2020 3:30:33 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 413254-2-52-01 **Letting Date:** 01/2099

Description: SR-9/I-95 FROM CR-708/BRIDGE ROAD TO HIGH MEADOWS

District: 04 **County:** 89 MARTIN **Market Area:** 11 **Units:** English

Contract Class: 1 **Lump Sum Project:** N **Design/Build:** N **Project Length:** 6.440 MI

Project Manager: LOPES

Version 4 Project Grand Total **$58,126,451.12**

Description: I-95 Master Plan Concept including managed lanes from Bridge Road to High Meadows

Sequence: 1 WDR - Widen/Resurface, Divided, Rural **Net Length:** 6.440 MI
34,003 LF

Description: M&R and widen SR-9 to accommodate a 4' buffer, a 12' managed lane, and a 12' shoulder in each direction on the inside. Includes bridge work. For interchanges, see concept LREs

Special Conditions: Eight bridges are widened to accomodate the additional lanes.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	42.50 / 42.50
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	6.440
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	66.35	AC	$14,000.00	$928,900.00
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	317,892.14	CY	$19.54	$6,211,612.42

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
120-6	EMBANKMENT	50,000.00	CY	$15.21	$760,500.00

Earthwork Component Total $7,901,012.42

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	8
Existing Roadway Pavement Width L/R	36.00 / 36.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 0.00
Widened Inside Pavement Width L/R	16.00 / 16.00
Widened Structural Spread Rate	440
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	211,575.47	SY	$6.50	$1,375,240.56
285-709	OPTIONAL BASE,BASE GROUP 09	123,393.83	SY	$22.00	$2,714,664.26
327-70-19	MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH	272,025.60	SY	$6.66	$1,811,690.50
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	22,442.11	TN	$100.00	$2,244,211.00
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	26,598.06	TN	$100.00	$2,659,806.00
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	10,881.02	TN	$150.00	$1,632,153.00
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	4,836.01	TN	$150.00	$725,401.50

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
536-1-1	GUARDRAIL- ROADWAY, GEN TL-3	2,000.00	LF	$20.00	$40,000.00
	Comment: guardrail added at ramps				
536-1-3	GUARDRAIL- ROADWAY, DOUBLE FACE	15,000.00	LF	$25.00	$375,000.00
	Comment: median guardrail added from Central Blvd to end of project				
536-85-25	GUARDRAIL END TREAT- TRAIL AN TYPE II	10.00	EA	$900.00	$9,000.00
	Comment: Item added for approach ends of guardrail				
999-20-1	DISPUTES REVIEW BD, MEETING-DO NOT BID	36.00	DA	$3,300.00	$118,800.00
999-20-2	DISPUTES REVIEW BD, HEARING-DO NOT BID	2.00	EA	$4,000.00	$8,000.00

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	4

Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	6

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	6,086.00	EA	$4.50	$27,387.00
710-11-111	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	25.76	NM	$1,000.00	$25,760.00
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	38.64	GM	$400.00	$15,456.00
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	25.76	GM	$4,500.00	$115,920.00
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	38.64	GM	$1,500.00	$57,960.00
	Roadway Component Total				$13,956,449.82

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	12.00 / 12.00
New Total Outside Shoulder Width L/R	0.00 / 0.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Existing Paved Outside Shoulder Width L/R	12.00 / 12.00
New Paved Outside Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-19	MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH	90,675.20	SY	$6.66	$603,896.83
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	7,480.70	TN	$100.00	$748,070.00
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	199.49	TN	$150.00	$29,923.50
546-72-1	GROUND-IN RUMBLE STRIPS, 16"	12.88	GM	$3,602.48	$46,399.94

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	78,207.36	LF	$1.80	$140,773.25
104-11	FLOATING TURBIDITY BARRIER	644.00	LF	$9.00	$5,796.00
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	644.00	LF	$4.50	$2,898.00
104-15	SOIL TRACKING PREVENTION DEVICE	7.00	EA	$3,000.00	$21,000.00
107-1	LITTER REMOVAL	46.82	AC	$30.00	$1,404.60
107-2	MOWING	46.82	AC	$60.00	$2,809.20

	Shoulder Component Total	$1,602,971.32

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	62.00
Performance Turf Width	4.00
New Total Median Shoulder Width L/R	12.00 / 12.00
New Paved Median Shoulder Width L/R	12.00 / 12.00
Existing Total Median Shoulder Width L/R	0.00 / 0.00
Existing Paved Median Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-701	OPTIONAL BASE,BASE GROUP 01	93,168.77	SY	$12.00	$1,118,025.24
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	7,480.70	TN	$100.00	$748,070.00
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	199.49	TN	$150.00	$29,923.50
546-72-1	GROUND-IN RUMBLE STRIPS, 16"	13.00	GM	$3,602.48	$46,832.24
570-1-1	PERFORMANCE TURF	15,112.53	SY	$1.50	$22,668.80
	Median Component Total				$1,965,519.78

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	115.92	CY	$1,600.00	$185,472.00
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	5,152.00	LF	$100.00	$515,200.00
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	520.00	LF	$130.00	$67,600.00
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	258.00	EA	$3,450.00	$890,100.00
570-1-1	PERFORMANCE TURF	4,533.76	SY	$1.50	$6,800.64

Box Culvert 1

Description	Value
Size	8 x 8
Length	280.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-4-1	CONC CLASS IV, CULVERTS	296.70	CY	$1,100.00	$326,370.00

415-1-1	REINF STEEL- ROADWAY	36,354.00	LB	$1.00	$36,354.00

Box Culvert 2

Description	Value
Size	12 x 12
Length	280.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-4-1	CONC CLASS IV, CULVERTS	613.00	CY	$1,100.00	$674,300.00
415-1-1	REINF STEEL- ROADWAY	68,680.00	LB	$1.00	$68,680.00

Box Culvert 3

Description	Value
Size	10 x 5
Length	296.00
Multiplier	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-4-1	CONC CLASS IV, CULVERTS	641.52	CY	$1,100.00	$705,672.00
415-1-1	REINF STEEL- ROADWAY	78,431.20	LB	$1.00	$78,431.20

Box Culvert 4

Description	Value
Size	8 x 8
Length	242.00
Multiplier	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-4-1	CONC CLASS IV, CULVERTS	519.68	CY	$1,100.00	$571,648.00
415-1-1	REINF STEEL- ROADWAY	63,230.80	LB	$1.00	$63,230.80

Box Culvert 5

Description	Value
Size	12 x 8
Length	244.00
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-4-1	CONC CLASS IV, CULVERTS	394.84	CY	$1,100.00	$434,324.00
415-1-1	REINF STEEL- ROADWAY	47,955.60	LB	$1.00	$47,955.60

Retention Basin 1

Description	Value
Size	5 AC
Multiplier	3
Depth	6.00
Description	

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	15.00	AC	$14,000.00	$210,000.00
120-1	REGULAR EXCAVATION	145,200.00	CY	$12.00	$1,742,400.00
400-2-2	CONC CLASS II, ENDWALLS	90.00	CY	$1,600.00	$144,000.00
425-1-541	INLETS, DT BOT, TYPE D, <10'	3.00	EA	$4,000.00	$12,000.00
425-2-71	MANHOLES, J-7, <10'	6.00	EA	$7,000.00	$42,000.00
430-175-160	PIPE CULV, OPT MATL, ROUND, 60"S/CD	1,200.00	LF	$300.00	$360,000.00
550-10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	5,580.00	LF	$14.00	$78,120.00
550-60-234	FENCE GATE,TYP B,SLIDE/CANT,18.1-20'OPEN	6.00	EA	$2,000.00	$12,000.00
570-1-1	PERFORMANCE TURF	72,600.00	SY	$1.50	$108,900.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	168.00	LF	$180.00	$30,240.00
	Comment: added to cover potential pipe required for retention basin connections				

Drainage Component Total $7,411,798.24

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	15.00	AS	$360.00	$5,400.00
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	155.00	AS	$1,080.00	$167,400.00
700-1-60	SINGLE POST SIGN, REMOVE	170.00	AS	$25.00	$4,250.00
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	13.00	AS	$4,640.00	$60,320.00
700-2-60	MULTI- POST SIGN, REMOVE	13.00	AS	$650.00	$8,450.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-4-137	OH STATIC SGN STR, F&I, M SP 151-200 FT	1.00	EA	$280,000.00	$280,000.00
	Comment: Sign structure impacted at station 592+00				
700-4-620	OH STATIC SIGN STR, REMOVE, SPAN	1.00	EA	$11,600.00	$11,600.00

Signing Component Total $537,420.00

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value

Type	Miscellaneous
Multiplier	1
Description	electrical power service for DMS to be paid for under 639 item

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
639-1-121	ELECTRICAL POWER SRV,F&I, UG,FUR BY POWE	8.00	AS	$2,700.00	$21,600.00
	Comment: electrical service for DMS signs				

Traffic Monitoring 1

Description	Value
Lanes	6
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	250.00	LF	$7.50	$1,875.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	60.00	LF	$20.00	$1,200.00
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36"	3.00	EA	$1,350.00	$4,050.00
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	6.00	AS	$1,100.00	$6,600.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
695-1-1	TMS VEH SNSR-NON-WEIGHT, F&I,	6.00	EA	$1,300.00	$7,800.00
695-3-11	TMS VEH SPEED/CLASS UNIT, F&I,	1.00	AS	$9,500.00	$9,500.00
695-5-1	TMS VEH SOLAR POWER UNIT, F&I,	1.00	EA	$4,300.00	$4,300.00
695-7-163	TMS CABINET, F&I , TYP 3 POLE	1.00	EA	$3,200.00	$3,200.00
695-8-11	TMS VEH SYSTEM COMMUNICATIONS MODE, F&I,	1.00	EA	$1,000.00	$1,000.00

Traffic Monitoring 2

Description	Value
Lanes	6
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	250.00	LF	$7.50	$1,875.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	60.00	LF	$20.00	$1,200.00
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36"	3.00	EA	$1,350.00	$4,050.00
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	6.00	AS	$1,100.00	$6,600.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount

695-1-1	TMS VEH SNSR-NON-WEIGHT, F&I,	6.00 EA	$1,300.00	$7,800.00
695-3-11	TMS VEH SPEED/CLASS UNIT, F&I,	1.00 AS	$9,500.00	$9,500.00
695-5-1	TMS VEH SOLAR POWER UNIT, F&I,	1.00 EA	$4,300.00	$4,300.00
695-7-163	TMS CABINET, F&I , TYP 3 POLE	1.00 EA	$3,200.00	$3,200.00
695-8-11	TMS VEH SYSTEM COMMUNICATIONS MODE, F&I,	1.00 EA	$1,000.00	$1,000.00
	Signalizations Component Total			$100,650.00

INTELLIGENT TRAFFIC SYSTEM (ITS) COMPONENT

Description of Work

Component to include the ITS Cost for length of project

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	961.00	LF	$7.50	$7,207.50
	Comment: ITS item quantity is based on items required per mile				
633-1-122	FIBER OPTIC CABLE, F&I, UG,13-48	45,268.00	LF	$3.00	$135,804.00
	Comment: ITS item quantity is based on items required per mile				
633-1-123	FIBER OPTIC CABLE, F&I, UG,49-96	51,253.00	LF	$3.25	$166,572.25
	Comment: ITS item quantity is based on items required per mile				
633-8-1	MULTI-CONDUCTOR COMMUNICATION CABLE, F&I	1,215.00	LF	$4.00	$4,860.00
	Comment: ITS item quantity is based on items required per mile				
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36"	20.00	EA	$1,350.00	$27,000.00
	Comment: ITS item quantity is based on items required per mile				
635-3-12	JUNCTION BOX, FURNISH & INSTALL, MOUNTED	24.00	EA	$500.00	$12,000.00
	Comment: ITS item quantity is based on items required per mile				
660-3-11	VEHICLE DETECTION SYSTEM-MICRO,F&I, CAB	16.00	EA	$1,500.00	$24,000.00
	Comment: ITS item quantity is based on items required per mile				
676-2-111	ITS CABINET- F&I, POLE, 336	32.00	EA	$6,700.00	$214,400.00
	Comment: ITS item quantity is based on items required per mile				
682-1-113	ITS CCTV CAMERA, F&I, DOME ENCL-PRESS	12.00	EA	$7,500.00	$90,000.00
	Comment: ITS item quantity is based on items required per mile				
684-1-1	MANAGED FIELD ETHERNET SWITCH, F&I	12.00	EA	$3,200.00	$38,400.00

	Comment: ITS item quantity is based on items required per mile			
684-3-11	DIGITAL VIDEO ENC W SO, F&I HARD ENCODER	12.00 EA	$3,000.00	$36,000.00
	Comment: ITS item quantity is based on items required per mile			
684-6-12	WIRELESS COMMUNICATION DEVICE, F&I, ETHE	28.00 EA	$4,800.00	$134,400.00
	Comment: ITS item quantity is based on items required per mile			
	Intelligent Traffic System (ITS) Component Total			$890,643.75

BRIDGES COMPONENT

Bridge 890117

Description	**Value**
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	177.25
Width (LF)	28.00
Type	Overpass Widening
Cost Factor	1.75
Structure No.	
Removal of Existing Structures area	1,772.00
Default Cost per SF	$75.00
Factored Cost per SF	$131.25
Final Cost per SF	**$147.01**
Basic Bridge Cost	**$651,393.75**
Description	WIDEN SOUTHBOUND SR-9 OVER CR-708

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	1,772.00	SF	$45.00	$79,740.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$420.00	$26,132.40
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$1.00	$10,888.50

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
524-2-29	CONC SLOPE PAVT, 4", REINFORCED	400.00	SY	$90.00	$36,000.00
	Comment: slope pavement at crossroads				
536-8-11	APPR TRANS TO RIGID BARR CONNECT, F&I	2.00	EA	$2,600.00	$5,200.00
	Comment: anchorage assemblys at bridges				
	Bridge 890117 Total				$809,354.65

Bridge 890118

Description	**Value**
Estimate Type	SF Estimate

Primary Estimate	YES
Length (LF)	177.25
Width (LF)	28.00
Type	Overpass Widening
Cost Factor	1.75
Structure No.	
Removal of Existing Structures area	1,772.00
Default Cost per SF	$75.00
Factored Cost per SF	$131.25
Final Cost per SF	**$147.01**
Basic Bridge Cost	**$651,393.75**
Description	WIDEN NORTHBOUND SR-9 OVER CR-708

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	1,772.00	SF	$45.00	$79,740.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$420.00	$26,132.40
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$1.00	$10,888.50

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
524-2-29	CONC SLOPE PAVT, 4", REINFORCED	400.00	SY	$90.00	$36,000.00
	Comment: slope pavement at cross road				
536-8-11	APPR TRANS TO RIGID BARR CONNECT, F&I	2.00	EA	$2,600.00	$5,200.00
	Comment: anchorage assemblys at bridges				
	Bridge 890118 Total				$809,354.65

Bridge 890130

Description	**Value**
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	80.00
Width (LF)	28.00
Type	Low Level, Widen
Cost Factor	2.10
Structure No.	
Removal of Existing Structures area	800.00
Default Cost per SF	$55.00
Factored Cost per SF	$115.50
Final Cost per SF	**$134.35**
Basic Bridge Cost	**$258,720.00**
Description	WIDEN NORTHBOUND SR-9 OVER CANAL

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	800.00	SF	$45.00	$36,000.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$420.00	$26,132.40

415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$1.00	$10,888.50

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
536-8-11	APPR TRANS TO RIGID BARR CONNECT, F&I	2.00	EA	$2,600.00	$5,200.00
	Comment: anchorage assemblys at bridges				
	Bridge 890130 Total				$336,940.90

Bridge 890131

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	84.00
Width (LF)	28.00
Type	Low Level, Widen
Cost Factor	2.10
Structure No.	
Removal of Existing Structures area	1,176.00
Default Cost per SF	$55.00
Factored Cost per SF	$115.50
Final Cost per SF	**$133.45**
Basic Bridge Cost	**$271,656.00**
Description	WIDEN SOUTHBOUND SR-9 OVER CANAL BY 26'

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	1,176.00	SF	$45.00	$52,920.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$420.00	$26,132.40
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$1.00	$10,888.50

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
536-8-11	APPR TRANS TO RIGID BARR CONNECT, F&I	2.00	EA	$2,600.00	$5,200.00
	Comment: anchorage assemblys at bridges				
	Bridge 890131 Total				$366,796.90

Bridge 890128

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	211.00
Width (LF)	28.00
Type	Overpass Widening
Cost Factor	1.75
Structure No.	
Removal of Existing Structures area	2,110.00
Default Cost per SF	$75.00

Factored Cost per SF	$131.25
Final Cost per SF	**$142.97**
Basic Bridge Cost	**$775,425.00**
Description	WIDEN NORTHBOUND SR-9 OVER SR-76

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	2,110.00	SF	$45.00	$94,950.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$420.00	$26,132.40
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$1.00	$10,888.50

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
524-2-29	CONC SLOPE PAVT, 4", REINFORCED	300.00	SY	$90.00	$27,000.00
	Comment: slope pavement at crossroad				
536-8-11	APPR TRANS TO RIGID BARR CONNECT, F&I	2.00	EA	$2,600.00	$5,200.00
	Comment: anchorage assemblys at bridges				
	Bridge 890128 Total				$939,595.90

Bridge 890129

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	211.00
Width (LF)	28.00
Type	Overpass Widening
Cost Factor	1.75
Structure No.	
Removal of Existing Structures area	2,110.00
Default Cost per SF	$75.00
Factored Cost per SF	$131.25
Final Cost per SF	**$142.97**
Basic Bridge Cost	**$775,425.00**
Description	WIDEN SOUTHBOUND SR-9 OVER SR-76

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	2,110.00	SF	$45.00	$94,950.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$420.00	$26,132.40
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$1.00	$10,888.50

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
524-2-29	CONC SLOPE PAVT, 4", REINFORCED	300.00	SY	$90.00	$27,000.00
	Comment: slope pavement at cross road				

536-8-11	APPR TRANS TO RIGID BARR CONNECT, F&I	2.00 EA	$2,600.00	$5,200.00
	Comment: anchorage assemblys at bridges			
	Bridge 890129 Total			$939,595.90

Bridge 890132

Description	**Value**
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	907.00
Width (LF)	28.00
Type	High Level, Widen
Cost Factor	2.45
Structure No.	
Removal of Existing Structures area	9,070.00
Default Cost per SF	$75.00
Factored Cost per SF	$183.75
Final Cost per SF	**$185.41**
Basic Bridge Cost	**$4,666,515.00**
Description	WIDEN SOUTHBOUND SR-9 OVER THE ST. LUCIE CANAL

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	9,070.00	SF	$45.00	$408,150.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$420.00	$26,132.40
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$1.00	$10,888.50

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
536-8-11	APPR TRANS TO RIGID BARR CONNECT, F&I	2.00	EA	$2,600.00	$5,200.00
	Comment: anchorage assemblys at bridges				
	Bridge 890132 Total				$5,116,885.90

Bridge 890133

Description	**Value**
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	907.00
Width (LF)	28.00
Type	High Level, Widen
Cost Factor	2.45
Structure No.	
Removal of Existing Structures area	9,070.00
Default Cost per SF	$75.00
Factored Cost per SF	$183.75
Final Cost per SF	**$185.21**
Basic Bridge Cost	**$4,666,515.00**
Description	WIDEN NORTHBOUND SR-9 OVER THE ST. LUCIE CANAL

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	9,070.00	SF	$45.00	$408,150.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$420.00	$26,132.40
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$1.00	$10,888.50
	Bridge 890133 Total				$5,111,685.90
	Bridges Component Total				$14,430,210.70

Sequence 1 Total $48,796,676.03

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 413254-2-52-01 **Letting Date:** 01/2099

Description: SR-9/I-95 FROM CR-708/BRIDGE ROAD TO HIGH MEADOWS

District: 04 **County:** 89 MARTIN **Market Area:** 11 **Units:** English
Contract Class: 1 **Lump Sum Project:** N **Design/Build:** N **Project Length:** 6.440 MI

Project Manager: LOPES

Version 4 Project Grand Total **$58,126,451.12**
Description: I-95 Master Plan Concept including managed lanes from Bridge Road to High Meadows

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Project Sequences Subtotal			**$48,796,676.03**
102-1	Maintenance of Traffic	10.00 %	$4,879,667.60
101-1	Mobilization	8.00 %	$4,294,107.49
Project Sequences Total			**$57,970,451.12**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-16	PARTNERING (DO NOT BID)	2.00	LS	$3,000.00	$6,000.00
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$150,000.00	$150,000.00
Project Non-Bid Subtotal					**$156,000.00**
Version 4 Project Grand Total					**$58,126,451.12**

SR 9 / I-95 ML Widening

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 422681-5-52-01 **Letting Date:** 01/2099

Description: I-95 FROM SOUTH OF HIGH MEADOWS TO MARTIN/ST. LUCIE COUNTY LINE

District: 04 **County:** 89 MARTIN **Market Area:** 11 **Units:** English
Contract Class: 1 **Lump Sum Project:** N **Design/Build:** N **Project Length:** 10.918 MI

Project Manager: DOMINGUEZ

Version 15 Project Grand Total **$63,166,334.47**
Description: I-95 Master Plan Concept including managed lanes from High Meadows to Martin / St. Lucie County Line.

Sequence: 1 WDR - Widen/Resurface, Divided, Rural **Net Length:** 10.918 MI
57,647 LF
Description: M&R and widen SR-9 to accommodate a 4' buffer, a 12' managed lane, and a 12' shoulder in each direction on the inside. Includes bridge work. For interchanges, see concept LREs

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EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	42.50 / 42.50
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	10.918
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	112.49	AC	$15,000.00	$1,687,350.00
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	529,584.14	CY	$20.00	$10,591,682.80

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
120-4	SUBSOIL EXCAVATION	21,902.00	CY	$8.00	$175,216.00
120-6	EMBANKMENT	21,902.00	CY	$12.00	$262,824.00

Earthwork Component Total $12,717,072.80

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	8
Existing Roadway Pavement Width L/R	36.00 / 36.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 0.00
Widened Inside Pavement Width L/R	16.00 / 16.00
Widened Structural Spread Rate	440
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	358,692.69	SY	$4.00	$1,434,770.76
285-709	OPTIONAL BASE,BASE GROUP 09	209,194.70	SY	$18.00	$3,765,504.60
327-70-11	MILLING EXIST ASPH PAVT,2 1/4" AVG DEPTH	461,176.32	SY	$3.00	$1,383,528.96
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	38,047.05	TN	$110.00	$4,185,175.50
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	45,092.80	TN	$110.00	$4,960,208.00
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	18,447.05	TN	$145.00	$2,674,822.25
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	8,198.69	TN	$145.00	$1,188,810.05

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
339-1	MISCELLANEOUS ASPHALT PAVEMENT	2,169.00	TN	$250.00	$542,250.00
536-1-1	GUARDRAIL- ROADWAY, GEN TL-3	42,220.00	LF	$20.00	$844,400.00
536-1-3	GUARDRAIL- ROADWAY, DOUBLE FACE	22,850.00	LF	$25.00	$571,250.00
536-85-25	GUARDRAIL END TREAT- TRAIL AN TYPE II	12.00	EA	$890.00	$10,680.00
536-85-27	GUARDRAIL END TREAT- DOUB FACE APPR TER	8.00	EA	$1,520.00	$12,160.00
999-20-1	DISPUTES REVIEW BD, MEETING-DO NOT BID	36.00	DA	$3,300.00	$118,800.00
999-20-2	DISPUTES REVIEW BD, HEARING-DO NOT BID	2.00	EA	$4,000.00	$8,000.00

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2

Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	6

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	10,318.00	EA	$4.64	$47,875.52
710-11-111	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	21.84	NM	$900.00	$19,656.00
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	65.51	GM	$350.00	$22,928.50
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	65.51	GM	$1,400.00	$91,714.00
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	21.84	GM	$5,000.00	$109,200.00
	Roadway Component Total				$21,991,734.14

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	12.00 / 12.00
New Total Outside Shoulder Width L/R	0.00 / 0.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Existing Paved Outside Shoulder Width L/R	12.00 / 12.00
New Paved Outside Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-11	MILLING EXIST ASPH PAVT,2 1/4" AVG DEPTH	153,725.44	SY	$3.00	$461,176.32
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	12,682.35	TN	$110.00	$1,395,058.50
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	338.20	TN	$145.00	$49,039.00
546-72-1	GROUND-IN RUMBLE STRIPS, 16"	21.84	GM	$1,500.00	$32,760.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
570-1-1	PERFORMANCE TURF	208,757.42	SY	$1.50	$313,136.13

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	132,588.19	LF	$1.80	$238,658.74
104-11	FLOATING TURBIDITY BARRIER	1,091.80	LF	$11.50	$12,555.70
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	1,091.80	LF	$5.00	$5,459.00

104-15	SOIL TRACKING PREVENTION DEVICE	11.00 EA	$2,600.00	$28,600.00
107-1	LITTER REMOVAL	79.37 AC	$50.00	$3,968.50
107-2	MOWING	79.37 AC	$75.00	$5,952.75
	Shoulder Component Total			$2,546,364.64

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	61.00
Performance Turf Width	4.00
New Total Median Shoulder Width L/R	12.00 / 12.00
New Paved Median Shoulder Width L/R	12.00 / 12.00
Existing Total Median Shoulder Width L/R	0.00 / 0.00
Existing Paved Median Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-709	OPTIONAL BASE,BASE GROUP 09	157,952.89	SY	$18.00	$2,843,152.02
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	12,682.35	TN	$110.00	$1,395,058.50
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	338.20	TN	$145.00	$49,039.00
570-1-2	PERFORMANCE TURF, SOD	25,620.91	SY	$3.50	$89,673.18
	Median Component Total				$4,376,922.70

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	196.52	CY	$1,600.00	$314,432.00
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	8,736.00	LF	$95.00	$829,920.00
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	880.00	LF	$120.00	$105,600.00
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	437.00	EA	$1,800.00	$786,600.00
570-1-1	PERFORMANCE TURF	7,686.27	SY	$1.50	$11,529.40

Retention Basin 1

Description	Value
Size	10 AC
Multiplier	1
Depth	6.00
Description	

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	10.00	AC	$15,000.00	$150,000.00
120-1	REGULAR EXCAVATION	5,000.00	CY	$9.00	$45,000.00
570-1-1	PERFORMANCE TURF	204,000.00	SY	$1.50	$306,000.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
120-6	EMBANKMENT	117,000.00	CY	$12.00	$1,404,000.00
	Comment: For drainage berm				
	Drainage Component Total				$3,953,081.40

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	22.00	AS	$350.00	$7,700.00
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	263.00	AS	$1,100.00	$289,300.00
700-1-60	SINGLE POST SIGN, REMOVE	285.00	AS	$25.00	$7,125.00
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	22.00	AS	$4,280.00	$94,160.00
700-2-60	MULTI- POST SIGN, REMOVE	22.00	AS	$500.00	$11,000.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-4-137	OH STATIC SGN STR, F&I, M SP 151-200 FT	1.00	EA	$280,000.00	$280,000.00
	Comment: Sign structure impacted at station 1173+00				
700-4-620	OH STATIC SIGN STR, REMOVE, SPAN	1.00	EA	$11,600.00	$11,600.00
	Signing Component Total				$700,885.00

SIGNALIZATIONS COMPONENT

Traffic Monitoring 1

Description	Value
Lanes	6
Multiplier	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,000.00	LF	$8.00	$8,000.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	240.00	LF	$20.00	$4,800.00
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	12.00	EA	$650.00	$7,800.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount

695-1-1	TMS VEH SNSR-NON-WEIGHT, F&I,	24.00	EA	$900.00	$21,600.00
695-3-11	TMS VEH SPEED/CLASS UNIT, F&I,	4.00	AS	$7,149.00	$28,596.00
695-3-12	TMS VEH SPEED/CLASS UNIT, F&I,	24.00	AS	$948.00	$22,752.00
695-5-1	TMS VEH SOLAR POWER UNIT, F&I,	4.00	EA	$2,751.00	$11,004.00
695-7-163	TMS CABINET, F&I , TYP 3 POLE	4.00	EA	$2,750.50	$11,002.00
695-8-11	TMS VEH SYSTEM COMMUNICATIONS MODE, F&I,	4.00	EA	$800.00	$3,200.00

Traffic Monitoring 2

Description	Value
Lanes	4
Multiplier	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	150.00	LF	$8.00	$1,200.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	40.00	LF	$20.00	$800.00
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	3.00	EA	$650.00	$1,950.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
695-1-1	TMS VEH SNSR-NON-WEIGHT, F&I,	4.00	EA	$900.00	$3,600.00
695-3-11	TMS VEH SPEED/CLASS UNIT, F&I,	1.00	AS	$7,149.00	$7,149.00
695-3-12	TMS VEH SPEED/CLASS UNIT, F&I,	4.00	AS	$948.00	$3,792.00
695-5-1	TMS VEH SOLAR POWER UNIT, F&I,	1.00	EA	$2,751.00	$2,751.00
695-7-143	TMS CABINET, F&I , TYP 4 POLE	1.00	EA	$2,000.00	$2,000.00
695-8-11	TMS VEH SYSTEM COMMUNICATIONS MODE, F&I,	1.00	EA	$800.00	$800.00
	Signalizations Component Total				$142,796.00

INTELLIGENT TRAFFIC SYSTEM (ITS) COMPONENT

Description of Work

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	2,500.00	LF	$20.00	$50,000.00
	Comment: For ITS and WIM				
633-1-123	FIBER OPTIC CABLE, F&I, UG,49-96	2,500.00	LF	$3.00	$7,500.00
	Comment: For ITS and WIM				
633-2-31	FIBER OPTIC CONNECTION,	5.00	EA	$42.00	$210.00

	INSTALL, SPLICE				
635-2-12	PULL & SPLICE BOX, F&I, 24" X 36"	20.00	EA	$1,250.00	$25,000.00
639-1-121	ELECTRICAL POWER SRV,F&I, UG,FUR BY POWE	5.00	AS	$2,500.00	$12,500.00
639-2-1	ELECTRICAL SERVICE WIRE, F&I	500.00	LF	$4.00	$2,000.00
641-3-175	CONCRETE CCTV POLE, FUR & INS W/LOW	3.00	EA	$25,000.00	$75,000.00
641-3-700	CONCRETE CCTV POLE, REMOVE	3.00	EA	$2,500.00	$7,500.00
660-3-11	VEHICLE DETECTION SYSTEM-MICRO,F&I, CAB	6.00	EA	$1,130.00	$6,780.00
	Comment: For WIM detectors				
660-3-12	VEHICLE DETECTION SYSTEM-MICRO,F&I, ABO	6.00	EA	$8,150.00	$48,900.00
676-2-111	ITS CABINET- F&I, POLE, 336	3.00	EA	$7,000.00	$21,000.00
676-2-600	ITS CABINET- REMOVE	3.00	EA	$500.00	$1,500.00
682-1-111	ITS CCTV CAMERA, F&I, DOME ENCL-PRES.	3.00	EA	$6,500.00	$19,500.00
682-1-600	ITS CCTV CAMERA, REM0VE & DISPOSAL	3.00	EA	$600.00	$1,800.00
	Intelligent Traffic System (ITS) Component Total				$279,190.00

BRIDGES COMPONENT

Bridge 890108

Description	**Value**
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	226.00
Width (LF)	28.00
Type	Overpass Widening
Cost Factor	1.50
Structure No.	
Removal of Existing Structures area	1,025.00
Default Cost per SF	$75.00
Factored Cost per SF	$112.50
Final Cost per SF	**$165.80**
Basic Bridge Cost	**$711,900.00**
Description	WIDEN SOUTHBOUND SR-9 OVER SR 714/MARTIN HIGHWAY

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	1,025.00	SF	$40.00	$41,000.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$600.00	$37,332.00
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$1.10	$11,977.35

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-4	CONC CLASS II, BRIDGE	118.70	CY	$800.00	$94,960.00

	SUPERSTRUCTURE			
400-2-5	CONC CLASS II, BRIDGE SUBSTRUCTURE	53.50 CY	$680.00	$36,380.00
450-2-45	PREST BEAMS: FLORIDA-I BEAM 45"	452.00 LF	$260.00	$117,520.00
521-5-5	CONC TRAF RAIL- BRG, 42" VERT FACE	269.00 LF	$85.00	$22,865.00
524-2-4	CONC SLOPE PAVT, NR, 6"	191.00 SY	$85.00	$16,235.00
	Bridge 890108 Total			$1,090,169.35

Bridge 890109

Description	**Value**
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	226.00
Width (LF)	28.00
Type	Overpass Widening
Cost Factor	1.50
Structure No.	
Removal of Existing Structures area	1,025.00
Default Cost per SF	$75.00
Factored Cost per SF	$112.50
Final Cost per SF	**$165.80**
Basic Bridge Cost	**$711,900.00**
Description	WIDEN NORTHBOUND SR-9 OVER SR 714/MARTIN HIGHWAY

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	1,025.00	SF	$40.00	$41,000.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$600.00	$37,332.00
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$1.10	$11,977.35

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-4	CONC CLASS II, BRIDGE SUPERSTRUCTURE	118.70	CY	$800.00	$94,960.00
400-2-5	CONC CLASS II, BRIDGE SUBSTRUCTURE	53.50	CY	$680.00	$36,380.00
450-2-45	PREST BEAMS: FLORIDA-I BEAM 45"	452.00	LF	$260.00	$117,520.00
521-5-5	CONC TRAF RAIL- BRG, 42" VERT FACE	269.00	LF	$85.00	$22,865.00
524-2-4	CONC SLOPE PAVT, NR, 6"	191.00	SY	$85.00	$16,235.00
	Bridge 890109 Total				$1,090,169.35

Bridge 890121

Description	**Value**
Estimate Type	SF Estimate
Primary Estimate	YES

Length (LF)	387.00
Width (LF)	28.00
Type	Overpass Widening
Cost Factor	1.50
Structure No.	
Removal of Existing Structures area	2,538.00
Default Cost per SF	$75.00
Factored Cost per SF	$112.50
Final Cost per SF	**$181.55**
Basic Bridge Cost	**$1,219,050.00**
Description	WIDEN SOUTHBOUND SR-9 OVER SW HIGH MEADOWS AVENUE/FL TURNPIKE BRIDGE

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	2,538.00	SF	$40.00	$101,520.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$600.00	$37,332.00
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$1.10	$11,977.35

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-4	CONC CLASS II, BRIDGE SUPERSTRUCTURE	267.10	CY	$800.00	$213,680.00
400-2-5	CONC CLASS II, BRIDGE SUBSTRUCTURE	157.70	CY	$680.00	$107,236.00
450-2-45	PREST BEAMS: FLORIDA-I BEAM 45"	1,158.20	LF	$260.00	$301,132.00
521-5-5	CONC TRAF RAIL- BRG, 42" VERT FACE	904.00	LF	$85.00	$76,840.00
	Bridge 890121 Total				$2,068,767.35

Bridge 890122

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	390.00
Width (LF)	28.00
Type	Overpass Widening
Cost Factor	1.50
Structure No.	
Removal of Existing Structures area	2,526.00
Default Cost per SF	$75.00
Factored Cost per SF	$112.50
Final Cost per SF	**$181.39**
Basic Bridge Cost	**$1,228,500.00**
Description	WIDEN NORTHBOUND SR-9 OVER SW HIGH MEADOWS AVENUE/FL TURNPIKE

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING	2,526.00	SF	$40.00	$101,040.00

	STRUCTURES/BRIDGES			
400-2-10	CONC CLASS II, APPROACH SLABS	62.22 CY	$600.00	$37,332.00
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50 LB	$1.10	$11,977.35

Bridge X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-4	CONC CLASS II, BRIDGE SUPERSTRUCTURE	268.10 CY	$800.00	$214,480.00
400-2-5	CONC CLASS II, BRIDGE SUBSTRUCTURE	157.50 CY	$680.00	$107,100.00
450-2-45	PREST BEAMS: FLORIDA-I BEAM 45"	1,169.50 LF	$260.00	$304,070.00
521-5-5	CONC TRAF RAIL- BRG, 42" VERT FACE	910.00 LF	$85.00	$77,350.00
	Bridge 890122 Total			$2,081,849.35
	Bridges Component Total			$6,330,955.40

Sequence 1 Total $53,039,002.08

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 422681-5-52-01 **Letting Date:** 01/2099

Description: I-95 FROM SOUTH OF HIGH MEADOWS TO MARTIN/ST. LUCIE COUNTY LINE

District: 04 **County:** 89 MARTIN **Market Area:** 11 **Units:** English
Contract Class: 1 **Lump Sum Project:** N **Design/Build:** N **Project Length:** 10.918 MI

Project Manager: DOMINGUEZ

Version 15 Project Grand Total **$63,166,334.47**
Description: I-95 Master Plan Concept including managed lanes from High Meadows to Martin / St. Lucie County Line.

Project Sequences Subtotal			**$53,039,002.08**
102-1	Maintenance of Traffic	10.00 %	$5,303,900.21
101-1	Mobilization	8.00 %	$4,667,432.18
Project Sequences Total			**$63,010,334.47**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-16	PARTNERING (DO NOT BID)	2.00	LS	$3,000.00	$6,000.00
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$150,000.00	$150,000.00
Project Non-Bid Subtotal					**$156,000.00**
Version 15 Project Grand Total					**$63,166,334.47**

SR 9 / I-95 ML Widening

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 422681-6-52-01 **Letting Date:** 01/2099

Description: I-95 FROM MARTIN/ST. LUCIE COUNTY LINE TO SR-70

District: 04 **County:** 94 ST. LUCIE **Market Area:** 11 **Units:** English
Contract Class: 1 **Lump Sum Project:** N **Design/Build:** N **Project Length:** 15.499 MI

Project Manager: DOMINGUEZ

Version 6 Project Grand Total **$110,548,069.08**
Description: I-95 Master Plan Concept including managed lanes from Martin / St. Lucie County Line to SR-70

Sequence: 1 WDR - Widen/Resurface, Divided, Rural **Net Length:** 15.499 MI
81,835 LF

Description: M&R and widen SR-9 to accommodate a 4' buffer, a 12' managed lane, and a 12' shoulder in each direction on the inside. Includes bridge work. For interchanges, see concept LREs

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EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	45.00 / 45.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	15.499
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	169.08	AC	$12,500.00	$2,113,500.00
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	871,448.84	CY	$12.00	$10,457,386.08

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
120-6	EMBANKMENT	50,000.00	CY	$15.58	$779,000.00

Earthwork Component Total $13,349,886.08

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	8
Existing Roadway Pavement Width L/R	36.00 / 36.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 0.00
Widened Inside Pavement Width L/R	16.00 / 16.00
Widened Structural Spread Rate	440
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	509,193.81	SY	$3.50	$1,782,178.34
285-709	OPTIONAL BASE,BASE GROUP 09	296,969.11	SY	$14.00	$4,157,567.54
327-70-19	MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH	654,677.76	SY	$5.71	$3,738,210.01
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	54,010.92	TN	$100.00	$5,401,092.00
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	64,012.94	TN	$100.00	$6,401,294.00
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	26,187.11	TN	$150.00	$3,928,066.50
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	11,638.72	TN	$150.00	$1,745,808.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
536-1-1	GUARDRAIL- ROADWAY, GEN TL-3	23,147.00	LF	$20.00	$462,940.00
536-1-3	GUARDRAIL- ROADWAY, DOUBLE FACE	34,853.00	LF	$22.00	$766,766.00
536-85-24	GUARDRAIL END TREATMENT-PARA APP TERM	48.00	EA	$525.49	$25,223.52
999-20-1	DISPUTES REVIEW BD, MEETING-DO NOT BID	2.00	DA	$3,300.00	$6,600.00
999-20-2	DISPUTES REVIEW BD, HEARING-DO NOT BID	36.00	EA	$4,000.00	$144,000.00

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	6

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-1-1	RAISED PAVMT MARK, TYPE B	14,647.00	EA	$3.25	$47,602.75

	W/O FINAL SURF			
710-11-111	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	123.99 NM	$638.69	$79,191.17
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	185.99 GM	$225.00	$41,847.75
	Roadway Component Total			$28,728,387.58

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	12.00 / 12.00
New Total Outside Shoulder Width L/R	0.00 / 0.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Existing Paved Outside Shoulder Width L/R	10.00 / 10.00
New Paved Outside Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-19	MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH	181,854.93	SY	$5.71	$1,038,391.65
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	15,003.03	TN	$100.00	$1,500,303.00
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	480.10	TN	$150.00	$72,015.00
546-72-1	GROUND-IN RUMBLE STRIPS, 16"	31.00	GM	$1,044.81	$32,389.11

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	188,219.86	LF	$1.50	$282,329.79
104-11	FLOATING TURBIDITY BARRIER	1,549.90	LF	$10.00	$15,499.00
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	1,549.90	LF	$5.00	$7,749.50
104-15	SOIL TRACKING PREVENTION DEVICE	16.00	EA	$2,250.00	$36,000.00
107-1	LITTER REMOVAL	112.68	AC	$30.00	$3,380.40
107-2	MOWING	112.68	AC	$50.00	$5,634.00
	Shoulder Component Total				$2,993,691.45

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	70.00
Performance Turf Width	4.00

New Total Median Shoulder Width L/R	12.00 / 12.00
New Paved Median Shoulder Width L/R	12.00 / 12.00
Existing Total Median Shoulder Width L/R	0.00 / 0.00
Existing Paved Median Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-709	OPTIONAL BASE,BASE GROUP 09	224,227.13	SY	$14.00	$3,139,179.82
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	18,003.64	TN	$100.00	$1,800,364.00
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	480.10	TN	$150.00	$72,015.00
546-72-1	GROUND-IN RUMBLE STRIPS, 16"	31.00	GM	$1,044.81	$32,389.11
570-1-2	PERFORMANCE TURF, SOD	36,370.99	SY	$2.95	$107,294.42
	Median Component Total				$5,151,242.35

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	278.98	CY	$1,400.00	$390,572.00
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	12,400.00	LF	$80.00	$992,000.00
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	1,240.00	LF	$113.77	$141,074.80
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	620.00	EA	$1,531.43	$949,486.60
570-1-1	PERFORMANCE TURF	10,911.30	SY	$3.50	$38,189.55

Retention Basin 1

Description	Value
Size	10 AC
Multiplier	7
Depth	6.00
Description	

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	70.00	AC	$12,500.00	$875,000.00
120-1	REGULAR EXCAVATION	677,600.00	CY	$8.00	$5,420,800.00
400-2-2	CONC CLASS II, ENDWALLS	252.00	CY	$1,400.00	$352,800.00
425-1-541	INLETS, DT BOT, TYPE D, <10'	14.00	EA	$3,500.00	$49,000.00
425-2-71	MANHOLES, J-7, <10'	14.00	EA	$5,500.00	$77,000.00
430-175-160	PIPE CULV, OPT MATL, ROUND, 60"S/CD	2,800.00	LF	$235.00	$658,000.00
550-10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	19,460.00	LF	$10.50	$204,330.00
550-60-234	FENCE GATE,TYP	21.00	EA	$1,875.69	$39,389.49

	B,SLIDE/CANT,18.1-20'OPEN				
570-1-1	PERFORMANCE TURF	338,800.00	SY	$3.50	$1,185,800.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	728.00	LF	$170.00	$123,760.00

Drainage Component Total $11,497,202.44

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	31.00	AS	$350.00	$10,850.00
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	372.00	AS	$1,100.00	$409,200.00
700-1-60	SINGLE POST SIGN, REMOVE	403.00	AS	$20.00	$8,060.00
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	31.00	AS	$4,001.64	$124,050.84
700-2-60	MULTI- POST SIGN, REMOVE	31.00	AS	$450.00	$13,950.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-4-137	OH STATIC SGN STR, F&I, M SP 151-200 FT	2.00	EA	$280,000.00	$560,000.00
	Comment: Sign structures impacted at stations 3755+00 and 3786+00				
700-4-620	OH STATIC SIGN STR, REMOVE, SPAN	2.00	EA	$11,600.00	$23,200.00

Signing Component Total $1,149,310.84

SIGNALIZATIONS COMPONENT

Traffic Monitoring 1

Description	Value
Lanes	6
Multiplier	5

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,250.00	LF	$7.00	$8,750.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	300.00	LF	$18.00	$5,400.00
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	15.00	EA	$558.31	$8,374.65

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
695-3-11	TMS VEH SPEED/CLASS UNIT, F&I,	5.00	AS	$3,812.23	$19,061.15

695-3-12	TMS VEH SPEED/CLASS UNIT, F&I,	30.00 AS	$864.61	$25,938.30
695-5-1	TMS VEH SOLAR POWER UNIT, F&I,	5.00 EA	$4,615.98	$23,079.90
695-7-131	TMS CABINET, F&I , TYP 3 BASE MOUNT	30.00 EA	$1,240.72	$37,221.60
695-7-143	TMS CABINET, F&I , TYP 4 POLE	5.00 EA	$2,750.50	$13,752.50
695-8-11	TMS VEH SYSTEM COMMUNICATIONS MODE, F&I,	5.00 EA	$983.09	$4,915.45
	Signalizations Component Total			$146,493.55

INTELLIGENT TRAFFIC SYSTEM (ITS) COMPONENT

Description of Work

A very preliminary estimate was conducted where the average cost of ITS along this sequence should be equivalent to approximately $450k/mile x 13.750 miles = $6,187,500.00. The origin of this estimate or this value extends beyond my time at FDOT. The pay items and quantities shown above are simply place holders for the estimated value, there will need to be some form of design or plan developed before these quantities can be determined. -RD 8/16/2018

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	290,400.00 LF	$7.00	$2,032,800.00
630-2-11	CONDUIT, F& I, OPEN TRENCH	290,400.00 LF	$7.00	$2,032,800.00
633-1-111	FIBER OPTIC CABLE, F&I, OVH,2-12	290,400.00 LF	$2.60	$755,040.00
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	394.00 EA	$558.31	$219,974.14
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	400.00 EA	$558.31	$223,324.00
639-2-1	ELECTRICAL SERVICE WIRE, F&I	290,400.00 LF	$3.50	$1,016,400.00
641-3-169	CONCRETE CCTV POLE, FUR & INS W/LOW	12.00 EA	$24,463.49	$293,561.88
682-1-111	ITS CCTV CAMERA, F&I, DOME ENCL-PRES.	12.00 EA	$5,707.00	$68,484.00
	Intelligent Traffic System (ITS) Component Total			$6,642,384.02

BRIDGES COMPONENT

Bridge 940108

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	227.00
Width (LF)	28.00
Type	Overpass Widening
Cost Factor	1.50
Structure No.	
Removal of Existing Structures area	6,356.00
Default Cost per SF	$75.00
Factored Cost per SF	$112.50
Final Cost per SF	**$122.22**
Basic Bridge Cost	**$715,050.00**
Description	WIDEN SOUTHBOUND SR-9 OVER GATLIN BLVD

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	6,356.00	SF	$45.00	$286,020.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$400.00	$24,888.00
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$0.85	$9,255.22

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
515-2-600	PEDESTRIAN / BICYCLE RAILING, REPL PANEL	2.00	EA	$175.00	$350.00
521-5-12	CONC TRAF RAIL- BRG, 36" MED SING SLOPE	2.00	LF	$150.00	$300.00
524-2-29	CONC SLOPE PAVT, 4", REINFORCED	300.00	SY	$90.00	$27,000.00

Bridge 940108 Total $1,062,863.23

Bridge 940109

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	227.00
Width (LF)	28.00
Type	Overpass Widening
Cost Factor	1.50
Structure No.	
Removal of Existing Structures area	6,356.00
Default Cost per SF	$75.00
Factored Cost per SF	$112.50
Final Cost per SF	**$122.22**
Basic Bridge Cost	**$715,050.00**
Description	WIDEN NORTHBOUND SR-9 OVER GATLIN BLVD

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	6,356.00	SF	$45.00	$286,020.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$400.00	$24,888.00
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$0.85	$9,255.22

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
515-2-600	PEDESTRIAN / BICYCLE RAILING, REPL PANEL	2.00	EA	$175.00	$350.00
521-5-12	CONC TRAF RAIL- BRG, 36" MED SING SLOPE	2.00	LF	$150.00	$300.00
524-2-29	CONC SLOPE PAVT, 4", REINFORCED	300.00	SY	$90.00	$27,000.00

Bridge 940109 Total $1,062,863.23

Bridge 940113

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	417.00
Width (LF)	28.00
Type	High Level, Widen
Cost Factor	2.50
Structure No.	
Removal of Existing Structures area	11,676.00
Default Cost per SF	$75.00
Factored Cost per SF	$187.50
Final Cost per SF	**$192.79**
Basic Bridge Cost	**$2,189,250.00**
Description	WIDEN SOUTHBOUND SR-9 OVER C-24 CANAL

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	11,676.00	SF	$45.00	$525,420.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$400.00	$24,888.00
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$0.85	$9,255.22

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
515-2-600	PEDESTRIAN / BICYCLE RAILING, REPL PANEL	2.00	EA	$175.00	$350.00
521-5-12	CONC TRAF RAIL- BRG, 36" MED SING SLOPE	2.00	LF	$150.00	$300.00
524-2-29	CONC SLOPE PAVT, 4", REINFORCED	300.00	SY	$90.00	$27,000.00

Bridge 940113 Total $2,776,463.23

Bridge 940114

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	417.00
Width (LF)	28.00
Type	High Level, Widen
Cost Factor	2.50
Structure No.	
Removal of Existing Structures area	11,676.00
Default Cost per SF	$75.00
Factored Cost per SF	$187.50
Final Cost per SF	**$192.79**
Basic Bridge Cost	**$2,189,250.00**
Description	WIDEN NORTHBOUND SR-9 OVER C-24 CANAL

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	11,676.00	SF	$45.00	$525,420.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$400.00	$24,888.00
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$0.85	$9,255.22

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
515-2-600	PEDESTRIAN / BICYCLE RAILING, REPL PANEL	2.00	EA	$175.00	$350.00
521-5-12	CONC TRAF RAIL- BRG, 36" MED SING SLOPE	2.00	LF	$150.00	$300.00
524-2-29	CONC SLOPE PAVT, 4", REINFORCED	300.00	SY	$90.00	$27,000.00
	Bridge 940114 Total				$2,776,463.23

Bridge 940115

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	475.00
Width (LF)	28.00
Type	Overpass Widening
Cost Factor	1.50
Structure No.	
Removal of Existing Structures area	13,300.00
Default Cost per SF	$75.00
Factored Cost per SF	$112.50
Final Cost per SF	**$117.15**
Basic Bridge Cost	**$1,496,250.00**
Description	WIDEN SOUTHBOUND SR-9 OVER GLADES CUTOFF RD

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	13,300.00	SF	$45.00	$598,500.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$400.00	$24,888.00
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$0.85	$9,255.22

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
515-2-600	PEDESTRIAN / BICYCLE RAILING, REPL PANEL	2.00	EA	$175.00	$350.00
521-5-12	CONC TRAF RAIL- BRG, 36" MED SING SLOPE	2.00	LF	$150.00	$300.00
524-2-29	CONC SLOPE PAVT, 4", REINFORCED	300.00	SY	$90.00	$27,000.00
	Bridge 940115 Total				$2,156,543.23

Bridge 940116

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	480.00
Width (LF)	28.00
Type	Overpass Widening
Cost Factor	1.50
Structure No.	
Removal of Existing Structures area	13,440.00
Default Cost per SF	$75.00
Factored Cost per SF	$112.50
Final Cost per SF	**$117.10**
Basic Bridge Cost	**$1,512,000.00**
Description	WIDEN NORTHBOUND SR-9 OVER GLADES CUTOFF RD

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	13,440.00	SF	$45.00	$604,800.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$400.00	$24,888.00
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$0.85	$9,255.22

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
515-2-600	PEDESTRIAN / BICYCLE RAILING, REPL PANEL	2.00	EA	$175.00	$350.00
521-5-12	CONC TRAF RAIL- BRG, 36" MED SING SLOPE	2.00	LF	$150.00	$300.00
524-2-29	CONC SLOPE PAVT, 4", REINFORCED	300.00	SY	$90.00	$27,000.00
	Bridge 940116 Total				$2,178,593.23

Bridge 940112

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	242.00
Width (LF)	28.00
Type	Overpass Widening
Cost Factor	1.50
Structure No.	
Removal of Existing Structures area	6,776.00
Default Cost per SF	$75.00
Factored Cost per SF	$112.50
Final Cost per SF	**$121.62**
Basic Bridge Cost	**$762,300.00**
Description	WIDEN SOUTHBOUND SR-9 OVER MIDWAY RD (CO. RD. 712)

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING	6,776.00	SF	$45.00	$304,920.00

	STRUCTURES/BRIDGES				
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$400.00	$24,888.00
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$0.85	$9,255.22

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
515-2-600	PEDESTRIAN / BICYCLE RAILING, REPL PANEL	2.00	EA	$175.00	$350.00
521-5-12	CONC TRAF RAIL- BRG, 36" MED SING SLOPE	2.00	LF	$150.00	$300.00
524-2-29	CONC SLOPE PAVT, 4", REINFORCED	300.00	SY	$90.00	$27,000.00
	Bridge 940112 Total				$1,129,013.23

Bridge 940111

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	242.00
Width (LF)	28.00
Type	Overpass Widening
Cost Factor	1.50
Structure No.	
Removal of Existing Structures area	6,776.00
Default Cost per SF	$75.00
Factored Cost per SF	$112.50
Final Cost per SF	**$121.62**
Basic Bridge Cost	**$762,300.00**
Description	WIDEN NORTHBOUND SR-9 OVER MIDWAY RD (CO. RD. 712)

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	6,776.00	SF	$45.00	$304,920.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$400.00	$24,888.00
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$0.85	$9,255.22

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
515-2-600	PEDESTRIAN / BICYCLE RAILING, REPL PANEL	2.00	EA	$175.00	$350.00
521-5-12	CONC TRAF RAIL- BRG, 36" MED SING SLOPE	2.00	LF	$150.00	$300.00
524-2-29	CONC SLOPE PAVT, 4", REINFORCED	300.00	SY	$90.00	$27,000.00
	Bridge 940111 Total				$1,129,013.23

Bridge 940126

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	205.00
Width (LF)	28.00
Type	Overpass Widening
Cost Factor	1.50
Structure No.	
Removal of Existing Structures area	5,740.00
Default Cost per SF	$75.00
Factored Cost per SF	$112.50
Final Cost per SF	**$123.27**
Basic Bridge Cost	**$645,750.00**
Description	WIDEN SOUTHBOUND SR-9 OVER SR 91 (FLORIDA'S TURNPIKE)

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	5,740.00	SF	$45.00	$258,300.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$400.00	$24,888.00
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$0.85	$9,255.22

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
515-2-600	PEDESTRIAN / BICYCLE RAILING, REPL PANEL	2.00	EA	$175.00	$350.00
521-5-12	CONC TRAF RAIL- BRG, 36" MED SING SLOPE	2.00	LF	$150.00	$300.00
524-2-29	CONC SLOPE PAVT, 4", REINFORCED	300.00	SY	$90.00	$27,000.00
	Bridge 940126 Total				$965,843.23

Bridge 940127

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	205.00
Width (LF)	28.00
Type	Overpass Widening
Cost Factor	1.50
Structure No.	
Removal of Existing Structures area	5,740.00
Default Cost per SF	$75.00
Factored Cost per SF	$112.50
Final Cost per SF	**$123.27**
Basic Bridge Cost	**$645,750.00**
Description	WIDEN NORTHBOUND SR-9 OVER SR 91 (FLORIDA'S TURNPIKE)

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount

110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	5,740.00	SF	$45.00	$258,300.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$400.00	$24,888.00
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$0.85	$9,255.22

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
515-2-600	PEDESTRIAN / BICYCLE RAILING, REPL PANEL	2.00	EA	$175.00	$350.00
521-5-12	CONC TRAF RAIL- BRG, 36" MED SING SLOPE	2.00	LF	$150.00	$300.00
524-2-29	CONC SLOPE PAVT, 4", REINFORCED	300.00	SY	$90.00	$27,000.00
	Bridge 940127 Total				$965,843.23

Bridge 940122

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	924.00
Width (LF)	28.00
Type	Overpass Bridge
Cost Factor	1.50
Structure No.	940122
Removal of Existing Structures area	25,872.00
Default Cost per SF	$75.00
Factored Cost per SF	$112.50
Final Cost per SF	**$114.89**
Basic Bridge Cost	**$2,910,600.00**
Description	WIDEN SOUTHBOUND SR-9 OVER TEN MILE CREEK

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	25,872.00	SF	$45.00	$1,164,240.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$400.00	$24,888.00
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$0.85	$9,255.22

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
515-2-600	PEDESTRIAN / BICYCLE RAILING, REPL PANEL	2.00	EA	$175.00	$350.00
521-5-12	CONC TRAF RAIL- BRG, 36" MED SING SLOPE	2.00	LF	$150.00	$300.00
524-2-29	CONC SLOPE PAVT, 4", REINFORCED	300.00	SY	$90.00	$27,000.00
	Bridge 940122 Total				$4,136,633.23

Bridge 940123

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	649.00
Width (LF)	28.00
Type	Overpass Widening
Cost Factor	1.50
Structure No.	
Removal of Existing Structures area	18,172.00
Default Cost per SF	$75.00
Factored Cost per SF	$112.50
Final Cost per SF	**$115.90**
Basic Bridge Cost	**$2,044,350.00**
Description	WIDEN NORTHBOUND SR-9 OVER TEN MILE CREEK

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	18,172.00	SF	$45.00	$817,740.00
400-2-10	CONC CLASS II, APPROACH SLABS	62.22	CY	$400.00	$24,888.00
415-1-9	REINF STEEL- APPROACH SLABS	10,888.50	LB	$0.85	$9,255.22

Bridge X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
515-2-600	PEDESTRIAN / BICYCLE RAILING, REPL PANEL	2.00	EA	$175.00	$350.00
521-5-12	CONC TRAF RAIL- BRG, 36" MED SING SLOPE	2.00	LF	$150.00	$300.00
524-2-29	CONC SLOPE PAVT, 4", REINFORCED	300.00	SY	$90.00	$27,000.00
	Bridge 940123 Total				$2,923,883.23
	Bridges Component Total				$23,264,018.76

Sequence 1 Total $92,922,617.07

Date: 3/13/2020 3:36:05 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: 422681-6-52-01 **Letting Date:** 01/2099

Description: I-95 FROM MARTIN/ST. LUCIE COUNTY LINE TO SR-70

District: 04 **County:** 94 ST. LUCIE **Market Area:** 11 **Units:** English
Contract Class: 1 **Lump Sum Project:** N **Design/Build:** N **Project Length:** 15.499 MI

Project Manager: DOMINGUEZ

Version 6 Project Grand Total **$110,548,069.08**
Description: I-95 Master Plan Concept including managed lanes from Martin / St. Lucie County Line to SR-70

Project Sequences Subtotal			**$92,922,617.07**
102-1	Maintenance of Traffic	10.00 %	$9,292,261.71
101-1	Mobilization	8.00 %	$8,177,190.30
Project Sequences Total			**$110,392,069.08**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-16	PARTNERING (DO NOT BID)	2.00	LS	$3,000.00	$6,000.00
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$150,000.00	$150,000.00
Project Non-Bid Subtotal					**$156,000.00**
Version 6 Project Grand Total					**$110,548,069.08**

SR 9 / I-95 NB Braided Ramps

Date: 3/16/2020 11:30:48 AM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: CROSST-1-52-01 **Letting Date:** 01/2099

Description: Crosstown Parkway Concept

District: 04 **County:** 94 ST. LUCIE **Market Area:** 11 **Units:** English

Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.758 MI

Project Manager: Min-Tang Li

Version 4 Project Grand Total **$28,885,681.62**

Description: Northbound Ramps between Crosstown Parkway and St Lucie Blvd

Sequence: 1 NUR - New Construction, Undivided, Rural **Net Length:** 0.125 MI
662 LF

Description: Northbound Crosstown Parkway Ramps from beginning of construction to the end of the proposed ramps' bridges

Special Conditions: Includes three proposed bridges on the right side of I-95 between Crosstown Parkway and St. Lucie Blvd. Sequence length only includes length of roadway work to facilitate LRE roadway quantities.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	50.00 / 50.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.289
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.52	AC	$13,867.17	$21,078.10
120-6	EMBANKMENT	13,291.89	CY	$8.64	$114,841.93

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
120-6	EMBANKMENT	16,668.00	CY	$8.64	$144,011.52
	Comment: Assume 450' from 0 EL. to 22.5 EL. using 5% GRADE on retaining wall at 1 approach and departure				

Earthwork Component Total $279,931.55

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	4
Roadway Pavement Width L/R	0.00 / 50.00
Structural Spread Rate	440
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	5,149.76	SY	$5.35	$27,551.22
285-709	OPTIONAL BASE,BASE GROUP 09	3,702.68	SY	$14.38	$53,244.54
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	809.25	TN	$117.85	$95,370.11
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	147.14	TN	$144.39	$21,245.54

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-20-1	DISPUTES REVIEW BD, MEETING-DO NOT BID	36.00	DA	$3,300.00	$118,800.00
999-20-2	DISPUTES REVIEW BD, HEARING-DO NOT BID	2.00	EA	$4,000.00	$8,000.00

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	3

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-1-1	RAISED PAVMT MARK, TYPE B W/O FINAL SURF	85.00	EA	$3.48	$295.80
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.25	GM	$995.47	$248.87
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	0.38	GM	$270.77	$102.89
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.25	GM	$4,792.29	$1,198.07
711-16-231	THERMOPLASTIC, STD-OTH, YELLOW, SKIP, 6"	0.38	GM	$1,378.71	$523.91
	Roadway Component Total				$326,580.95

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	8.00 / 12.00

Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Paved Outside Shoulder Width L/R	8.00 / 12.00
Structural Spread Rate	110
Friction Course Spread Rate	165
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	1,519.91	SY	$16.34	$24,835.33
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	80.92	TN	$117.85	$9,536.42
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	8.01	TN	$144.39	$1,156.56

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,721.49	LF	$1.52	$2,616.66
104-11	FLOATING TURBIDITY BARRIER	31.35	LF	$9.65	$302.53
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	31.35	LF	$4.50	$141.08
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$2,952.34	$2,952.34
107-1	LITTER REMOVAL	1.52	AC	$34.42	$52.32
107-2	MOWING	1.52	AC	$55.20	$83.90
	Shoulder Component Total				$41,677.14

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	2.26	CY	$1,543.82	$3,489.03
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	104.00	LF	$114.42	$11,899.68
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	24.00	LF	$124.15	$2,979.60
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	6.00	EA	$1,756.64	$10,539.84
570-1-1	PERFORMANCE TURF	88.28	SY	$1.80	$158.90
	Drainage Component Total				$29,067.05

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$437.53	$437.53
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	3.00	AS	$1,377.72	$4,133.16
700-2-14	MULTI- POST SIGN, F&I GM, 31-50	1.00	AS	$3,841.50	$3,841.50

SF

Signing Component Total $8,412.19

BRIDGES COMPONENT

Bridge NBRAMP

Description	**Value**
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	256.00
Width (LF)	70.00
Type	High Level
Cost Factor	1.25
Structure No.	000001
Removal of Existing Structures area	0.00
Default Cost per SF	$75.00
Factored Cost per SF	$93.75
Final Cost per SF	**$99.44**
Basic Bridge Cost	**$1,680,000.00**
Description	FIRST BRIDGE FOR THE NB RAMP TO THE RIGHT SIDE OF I-95

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	155.56	CY	$466.00	$72,490.96
415-1-9	REINF STEEL- APPROACH SLABS	27,223.00	LB	$1.08	$29,400.84

Bridge NBRAMP Total $1,781,891.80

Bridge LTSIDE

Description	**Value**
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	359.00
Width (LF)	47.00
Type	High Level
Cost Factor	1.25
Structure No.	000002
Removal of Existing Structures area	0.00
Default Cost per SF	$75.00
Factored Cost per SF	$93.75
Final Cost per SF	**$97.80**
Basic Bridge Cost	**$1,581,843.75**
Description	LEFT SIDE BRIDGE FOR NB RAMP

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	104.44	CY	$466.00	$48,669.04
415-1-9	REINF STEEL- APPROACH SLABS	18,277.00	LB	$1.08	$19,739.16

	Bridge LTSIDE Total	$1,650,251.95

Bridge RTSIDE

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	243.00
Width (LF)	42.00
Type	High Level
Cost Factor	1.00
Structure No.	000003
Removal of Existing Structures area	0.00
Default Cost per SF	$75.00
Factored Cost per SF	$75.00
Final Cost per SF	**$80.99**
Basic Bridge Cost	**$765,450.00**
Description	RIGHT SIDE BRIDGE FOR NB RAMP

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	93.33	CY	$466.00	$43,491.78
415-1-9	REINF STEEL- APPROACH SLABS	16,332.75	LB	$1.08	$17,639.37
	Bridge RTSIDE Total				$826,581.15
	Bridges Component Total				$4,258,724.90

RETAINING WALLS COMPONENT

Retaining Wall 1

Description	Value
Length	660.00
Begin height	1.00
End Height	22.50
Multiplier	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	31,020.00	SF	$33.93	$1,052,508.60

Retaining Wall 2

Description	Value
Length	631.00
Begin height	1.00
End Height	22.50
Multiplier	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount

548-12	RET WALL SYSTEM, PERM, EX BARRIER	14,828.50 SF	$33.93	$503,131.00
	Retaining Walls Component Total			$1,555,639.60
Sequence 1 Total				$6,500,033.38

Sequence: 2 NUR - New Construction, Undivided, Rural **Net Length:** 0.688 MI
3,633 LF

Description: Sequence for the left side of the ramps along I-95 northbound beginning at the end of the left side bridge to the end of construction at station 3401+80

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	50.00 / 50.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.689
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	8.34	AC	$13,867.17	$115,652.20
120-6	EMBANKMENT	23,321.76	CY	$8.64	$201,500.01

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
120-6	EMBANKMENT	20,000.00	CY	$8.64	$172,800.00
	Comment: Quantity assumed				
	Earthwork Component Total				$489,952.21

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Roadway Pavement Width L/R	0.00 / 24.00
Structural Spread Rate	440
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	17,762.15	SY	$5.35	$95,027.50
285-709	OPTIONAL BASE,BASE GROUP 09	9,821.66	SY	$14.38	$141,235.47
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	2,131.46	TN	$117.85	$251,192.56
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	387.54	TN	$144.39	$55,956.90

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
706-1-1	RAISED PAVMT MARK, TYPE B W/O FINAL SURF	93.00 EA	$3.48	$323.64
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.38 GM	$995.47	$1,373.75
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	0.69 GM	$270.77	$186.83
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	1.38 GM	$4,792.29	$6,613.36
711-16-231	THERMOPLASTIC, STD-OTH, YELLOW, SKIP, 6"	0.69 GM	$1,378.71	$951.31
	Roadway Component Total			$552,861.32

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	8.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Paved Outside Shoulder Width L/R	8.00 / 12.00
Structural Spread Rate	110
Friction Course Spread Rate	165
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	8,340.14 SY	$16.34	$136,277.89
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	444.05 TN	$117.85	$52,331.29
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	43.96 TN	$144.39	$6,347.38

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
521-72-43	SHLDR CONC BARRIER, CURB AND GUTTER BARR	3,633.00 LF	$215.42	$782,620.86

Erosion Control

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	9,446.24 LF	$1.52	$14,358.28
104-11	FLOATING TURBIDITY BARRIER	172.02 LF	$9.65	$1,659.99

104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	172.02 LF	$4.50	$774.09
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	$2,952.34	$2,952.34
107-1	LITTER REMOVAL	8.34 AC	$34.42	$287.06
107-2	MOWING	8.34 AC	$55.20	$460.37
	Shoulder Component Total			$998,069.55

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	12.39 CY	$1,543.82	$19,127.93
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	400.00 LF	$114.42	$45,768.00
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	120.00 LF	$124.15	$14,898.00
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	5.00 EA	$1,756.64	$8,783.20
570-1-1	PERFORMANCE TURF	484.42 SY	$1.80	$871.96
	Drainage Component Total			$89,449.09

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	2.00 AS	$437.53	$875.06
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	8.00 AS	$1,377.72	$11,021.76
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	2.00 AS	$3,841.50	$7,683.00
	Signing Component Total			$19,579.82

RETAINING WALLS COMPONENT

Retaining Wall 1

Description	Value
Length	2,081.00
Begin height	1.00
End Height	22.50
Multiplier	4

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	97,807.00 SF	$33.93	$3,318,591.51

Retaining Walls Component Total	$3,318,591.52
Sequence 2 Total	$5,468,503.51

Sequence: 3 NUR - New Construction, Undivided, Rural **Net Length:** 0.670 MI
3,538 LF

Description: Sequence for the right side of the ramps along I-95 northbound beginning at the end of the right side bridge to the end of construction at station 3399+20

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	50.00 / 50.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.670
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	8.12	AC	$13,867.17	$112,601.42
120-6	EMBANKMENT	17,221.56	CY	$8.64	$148,794.28

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
120-6	EMBANKMENT	20,000.00	CY	$8.64	$172,800.00
	Comment: Quantity assumed				
	Earthwork Component Total				$434,195.70

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	1
Roadway Pavement Width L/R	0.00 / 12.00
Structural Spread Rate	440
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	12,580.01	SY	$5.35	$67,303.05
285-709	OPTIONAL BASE,BASE GROUP 09	4,847.24	SY	$14.38	$69,703.31
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	1,037.85	TN	$117.85	$122,310.62
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	188.70	TN	$144.39	$27,246.39

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.34	GM	$995.47	$1,333.93
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	1.34	GM	$4,792.29	$6,421.67
	Roadway Component Total				$294,318.97

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	12.00 / 8.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Paved Outside Shoulder Width L/R	12.00 / 8.00
Structural Spread Rate	110
Friction Course Spread Rate	165
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	8,121.97	SY	$16.34	$132,712.99
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	432.44	TN	$117.85	$50,963.05
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	42.81	TN	$144.39	$6,181.34

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	9,199.13	LF	$1.52	$13,982.68
104-11	FLOATING TURBIDITY BARRIER	167.52	LF	$9.65	$1,616.57
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	167.52	LF	$4.50	$753.84
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$2,952.34	$2,952.34
107-1	LITTER REMOVAL	8.12	AC	$34.42	$279.49
107-2	MOWING	8.12	AC	$55.20	$448.22
	Shoulder Component Total				$209,890.52

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	12.06	CY	$1,543.82	$18,618.47
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	544.00	LF	$114.42	$62,244.48
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	112.00	LF	$124.15	$13,904.80
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	27.00	EA	$1,756.64	$47,429.28
570-1-1	PERFORMANCE TURF	471.75	SY	$1.80	$849.15
	Drainage Component Total				$143,046.18

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	2.00	AS	$437.53	$875.06
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	8.00	AS	$1,377.72	$11,021.76
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	2.00	AS	$3,841.50	$7,683.00
	Signing Component Total				$19,579.82

RETAINING WALLS COMPONENT

Retaining Wall 1

Description	Value
Length	3,292.00
Begin height	1.00
End Height	22.50
Multiplier	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	154,724.00	SF	$33.93	$5,249,785.32

Retaining Wall 2

Description	Value
Length	3,538.00
Begin height	1.00
End Height	22.50
Multiplier	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	83,143.00	SF	$33.93	$2,821,041.99

Retaining Walls Component Total	$8,070,827.32
Sequence 3 Total	$9,171,858.51

Sequence: 4 NUR - New Construction, Undivided, Rural **Net Length:** 0.856 MI
4,520 LF

Description: Sequence for the braided ramp (under)

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	50.00 / 50.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.856
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	10.38	AC	$13,867.17	$143,941.22
120-6	EMBANKMENT	28,974.50	CY	$8.64	$250,339.68

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
120-6	EMBANKMENT	10,000.00	CY	$8.64	$86,400.00
	Comment: Quantity assumed				
	Earthwork Component Total				$480,680.90

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Roadway Pavement Width L/R	0.00 / 24.00
Structural Spread Rate	440
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	22,098.79	SY	$5.35	$118,228.53
285-709	OPTIONAL BASE,BASE GROUP 09	12,219.63	SY	$14.38	$175,718.28
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	2,651.86	TN	$117.85	$312,521.70
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	482.16	TN	$144.39	$69,619.08

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount

521-1-11	MEDIAN CONC BARRIER, 38" HEIGHT	8,237.00 LF	$177.02	$1,458,113.74

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
706-1-1	RAISED PAVMT MARK, TYPE B W/O FINAL SURF	116.00 EA	$3.48	$403.68
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.71 GM	$995.47	$1,702.25
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	0.86 GM	$270.77	$232.86
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	1.71 GM	$4,792.29	$8,194.82
711-16-231	THERMOPLASTIC, STD-OTH, YELLOW, SKIP, 6"	0.86 GM	$1,378.71	$1,185.69
	Roadway Component Total			$2,145,920.63

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	8.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Paved Outside Shoulder Width L/R	8.00 / 12.00
Structural Spread Rate	110
Friction Course Spread Rate	165
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	10,376.39 SY	$16.34	$169,550.21
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	552.47 TN	$117.85	$65,108.59
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	54.69 TN	$144.39	$7,896.69

Erosion Control

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	11,752.54 LF	$1.52	$17,863.86
104-11	FLOATING TURBIDITY BARRIER	214.02 LF	$9.65	$2,065.29
104-12	STAKED TURBIDITY BARRIER-	214.02 LF	$4.50	$963.09

	NYL REINF PVC			
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	$2,952.34	$2,952.34
	Shoulder Component Total			$266,400.07

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	15.41 CY	$1,543.82	$23,790.27
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	688.00 LF	$114.42	$78,720.96
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	144.00 LF	$124.15	$17,877.60
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	5.00 EA	$1,756.64	$8,783.20
570-1-1	PERFORMANCE TURF	602.69 SY	$1.80	$1,084.84
	Drainage Component Total			$130,256.87

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	2.00 AS	$437.53	$875.06
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	8.00 AS	$1,377.72	$11,021.76
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	2.00 AS	$3,841.50	$7,683.00
	Signing Component Total			$19,579.82

Sequence 4 Total $3,042,838.29

Date: 3/16/2020 11:30:50 AM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: CROSST-1-52-01 **Letting Date:** 01/2099

Description: Crosstown Parkway Concept

District: 04 **County:** 94 ST. LUCIE **Market Area:** 11 **Units:** English

Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.758 MI

Project Manager: Min-Tang Li

Version 4 Project Grand Total **$28,885,681.62**

Description: Northbound Ramps between Crosstown Parkway and St Lucie Blvd

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Project Sequences Subtotal					**$24,183,233.69**
102-1	Maintenance of Traffic	10.00 %			$2,418,323.37
101-1	Mobilization	8.00 %			$2,128,124.56
Project Sequences Total					**$28,729,681.62**
Project Unknowns		0.00 %			$0.00
Design/Build		0.00 %			$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-16	PARTNERING (DO NOT BID)	2.00	LS	$3,000.00	$6,000.00
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$150,000.00	$150,000.00
Project Non-Bid Subtotal					**$156,000.00**
Version 4 Project Grand Total					**$28,885,681.62**

CR 708 / SE Bridge Road

Date: 4/12/2019 11:32:55 AM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: BRIDGE-1-52-01 **Letting Date:** 01/2099

Description: SE Bridge Road Concept

District: 04 **County:** 89 MARTIN **Market Area:** 11 **Units:** English

Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.644 MI

Project Manager: Min-Tang Li

Version 3 Project Grand Total **$1,349,706.30**

Description: 2030 SE Bridge Road Concept

Sequence: 1 MIS - Miscellaneous Construction **Net Length:** 0.000 MI
0 LF

Description: Signalization

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	4 Lane Mast Arm
Multiplier	1
Description	east and west signals at Sta 2620

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	750.00	LF	$5.98	$4,485.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00	LF	$18.04	$4,510.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	$10,978.57	$10,978.57
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	16.00	EA	$667.46	$10,679.36
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	$2,703.62	$2,703.62
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00	LF	$3.51	$210.60
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	4.00	EA	$49,102.52	$196,410.08
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	12.00	AS	$1,033.03	$12,396.36
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00	AS	$619.52	$4,956.16
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	12.00	EA	$224.29	$2,691.48
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	12.00	AS	$1,114.85	$13,378.20
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00	EA	$141.58	$1,132.64
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00	AS	$26,550.76	$26,550.76
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00	EA	$199.32	$797.28

Signalization 2

Description	Value
Type	2 Lane Mast Arm
Multiplier	1
Description	south to east signal at Sta 2620

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	800.00	LF	$5.98	$4,784.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	200.00	LF	$18.04	$3,608.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	$10,978.57	$10,978.57
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	12.00	EA	$667.46	$8,009.52
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	$2,703.62	$2,703.62
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00	LF	$3.51	$210.60
649-21-4	STEEL MAST ARM ASSEMBLY, F&I, 40'- 30'	4.00	EA	$42,475.14	$169,900.56
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	8.00	AS	$1,033.03	$8,264.24
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00	AS	$619.52	$4,956.16
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	8.00	EA	$224.29	$1,794.32
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	8.00	AS	$1,114.85	$8,918.80
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00	EA	$141.58	$1,132.64
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00	AS	$26,550.76	$26,550.76
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00	EA	$199.32	$797.28

Signalization 3

Description	Value
Type	4 Lane Mast Arm
Multiplier	1
Description	east west signals at Sta 2627

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	750.00	LF	$5.98	$4,485.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00	LF	$18.04	$4,510.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	$10,978.57	$10,978.57
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	16.00	EA	$667.46	$10,679.36
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	$2,703.62	$2,703.62
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00	LF	$3.51	$210.60
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	4.00	EA	$49,102.52	$196,410.08
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	12.00	AS	$1,033.03	$12,396.36
653-1-11	PEDESTRIAN SIGNAL, F&I LED	8.00	AS	$619.52	$4,956.16

	COUNT, 1 WAY			
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	12.00 EA	$224.29	$2,691.48
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	12.00 AS	$1,114.85	$13,378.20
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	$141.58	$1,132.64
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00 AS	$26,550.76	$26,550.76
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00 EA	$199.32	$797.28

Signalization 4

Description	Value
Type	2 Lane Mast Arm
Multiplier	1
Description	north to west signal at Sta 2627

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	800.00 LF	$5.98	$4,784.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	200.00 LF	$18.04	$3,608.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00 PI	$10,978.57	$10,978.57
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	12.00 EA	$667.46	$8,009.52
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00 AS	$2,703.62	$2,703.62
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00 LF	$3.51	$210.60
649-21-4	STEEL MAST ARM ASSEMBLY, F&I, 40'- 30'	4.00 EA	$42,475.14	$169,900.56
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	8.00 AS	$1,033.03	$8,264.24
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	$619.52	$4,956.16
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	8.00 EA	$224.29	$1,794.32
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	8.00 AS	$1,114.85	$8,918.80
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	$141.58	$1,132.64
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00 AS	$26,550.76	$26,550.76
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00 EA	$199.32	$797.28
	Signalizations Component Total			$1,088,978.36

Sequence 1 Total $1,088,978.36

Date: 4/12/2019 11:32:56 AM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: BRIDGE-1-52-01 **Letting Date:** 01/2099

Description: SE Bridge Road Concept

District: 04 **County:** 89 MARTIN **Market Area:** 11 **Units:** English

Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.644 MI

Project Manager: Min-Tang Li

Version 3 Project Grand Total **$1,349,706.30**

Description: 2030 SE Bridge Road Concept

Project Sequences Subtotal			**$1,088,978.36**
102-1	Maintenance of Traffic	10.00 %	$108,897.84
101-1	Mobilization	8.00 %	$95,830.10
Project Sequences Total			**$1,293,706.30**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-16	PARTNERING (DO NOT BID)	2.00	LS	$3,000.00	$6,000.00
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$50,000.00	$50,000.00
Project Non-Bid Subtotal					**$56,000.00**
Version 3 Project Grand Total					**$1,349,706.30**

CR 714 / SR 714 / SW Martin Highway

Date: 4/12/2019 11:02:07 AM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: MARTIN-3-52-01 **Letting Date:** 01/2099

Description: SW Martin Highway concept

District: 04 **County:** 89 MARTIN **Market Area:** 11 **Units:** English

Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.737 MI

Project Manager: Min-Tang Li

Version 2 Project Grand Total **$1,627,918.45**

Description: SW Martin Highway 2030 concept (signalization only), March 2019 Update

Sequence: 1 MIS - Miscellaneous Construction **Net Length:** 0.000 MI
0 LF

Description: Signalization

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	4 Lane Mast Arm
Multiplier	1
Description	Controls the 4-lane movements at the intersections

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	750.00	LF	$6.04	$4,530.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00	LF	$18.16	$4,540.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	$14,145.90	$14,145.90
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	16.00	EA	$664.26	$10,628.16
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	$2,741.69	$2,741.69
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00	LF	$3.13	$187.80
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	4.00	EA	$40,933.34	$163,733.36
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	12.00	AS	$1,008.71	$12,104.52
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00	AS	$605.60	$4,844.80
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	12.00	EA	$224.29	$2,691.48
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	12.00	AS	$1,114.85	$13,378.20
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00	EA	$137.61	$1,100.88
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00	AS	$26,046.53	$26,046.53
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00	EA	$853.48	$3,413.92

Signalization 2

Description	Value
Type	2 Lane Mast Arm
Multiplier	1
Description	Controls the 2-lane movements at the intersections

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	800.00	LF	$6.04	$4,832.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	200.00	LF	$18.16	$3,632.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	$14,145.90	$14,145.90
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	12.00	EA	$664.26	$7,971.12
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	$2,741.69	$2,741.69
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00	LF	$3.13	$187.80
649-21-4	STEEL MAST ARM ASSEMBLY, F&I, 40'- 30'	4.00	EA	$44,324.24	$177,296.96
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	8.00	AS	$1,008.71	$8,069.68
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00	AS	$605.60	$4,844.80
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	8.00	EA	$224.29	$1,794.32
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	8.00	AS	$1,114.85	$8,918.80
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00	EA	$137.61	$1,100.88
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00	AS	$26,046.53	$26,046.53
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00	EA	$853.48	$3,413.92

Signalization 3

Description	Value
Type	2 Lane Mast Arm
Multiplier	1
Description	Controls the ramp movements at the intersections

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	800.00	LF	$6.04	$4,832.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	200.00	LF	$18.16	$3,632.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	$14,145.90	$14,145.90
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	12.00	EA	$664.26	$7,971.12
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	$2,741.69	$2,741.69
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00	LF	$3.13	$187.80
649-21-4	STEEL MAST ARM ASSEMBLY, F&I, 40'- 30'	4.00	EA	$44,324.24	$177,296.96
650-1-14	VEH TRAF SIGNAL,F&I	8.00	AS	$1,008.71	$8,069.68

	ALUMINUM, 3 S 1 W			
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	$605.60	$4,844.80
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	8.00 EA	$224.29	$1,794.32
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	8.00 AS	$1,114.85	$8,918.80
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	$137.61	$1,100.88
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00 AS	$26,046.53	$26,046.53
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00 EA	$853.48	$3,413.92

Signalization 4

Description	Value
Type	4 Lane Mast Arm
Multiplier	1
Description	3-lane signals for Stuart Blvd.

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	750.00 LF	$6.04	$4,530.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00 LF	$18.16	$4,540.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00 PI	$14,145.90	$14,145.90
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	16.00 EA	$664.26	$10,628.16
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00 AS	$2,741.69	$2,741.69
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00 LF	$3.13	$187.80
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	4.00 EA	$40,933.34	$163,733.36
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	12.00 AS	$1,008.71	$12,104.52
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	$605.60	$4,844.80
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	12.00 EA	$224.29	$2,691.48
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	12.00 AS	$1,114.85	$13,378.20
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	$137.61	$1,100.88
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00 AS	$26,046.53	$26,046.53
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00 EA	$853.48	$3,413.92

Signalization 5

Description	Value
Type	2 Lane Mast Arm
Multiplier	1
Description	2-lane signals for Stuart Blvd.

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	800.00 LF	$6.04	$4,832.00
630-2-12	CONDUIT, F& I, DIRECTIONAL	200.00 LF	$18.16	$3,632.00

	BORE			
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00 PI	$14,145.90	$14,145.90
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	12.00 EA	$664.26	$7,971.12
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00 AS	$2,741.69	$2,741.69
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00 LF	$3.13	$187.80
649-21-4	STEEL MAST ARM ASSEMBLY, F&I, 40'- 30'	4.00 EA	$44,324.24	$177,296.96
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	8.00 AS	$1,008.71	$8,069.68
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	$605.60	$4,844.80
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	8.00 EA	$224.29	$1,794.32
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	8.00 AS	$1,114.85	$8,918.80
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	$137.61	$1,100.88
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00 AS	$26,046.53	$26,046.53
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00 EA	$853.48	$3,413.92
	Signalizations Component Total			$1,323,163.68

Sequence 1 Total $1,323,163.68

Date: 4/12/2019 11:02:07 AM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: MARTIN-3-52-01 **Letting Date:** 01/2099

Description: SW Martin Highway concept

District: 04 **County:** 89 MARTIN **Market Area:** 11 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.737 MI

Project Manager: Min-Tang Li

Version 2 Project Grand Total **$1,627,918.45**
Description: SW Martin Highway 2030 concept (signalization only), March 2019 Update

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Project Sequences Subtotal			**$1,323,163.68**
102-1	Maintenance of Traffic	10.00 %	$132,316.37
101-1	Mobilization	8.00 %	$116,438.40
Project Sequences Total			**$1,571,918.45**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-16	PARTNERING (DO NOT BID)	2.00	LS	$3,000.00	$6,000.00
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$50,000.00	$50,000.00
Project Non-Bid Subtotal					**$56,000.00**
Version 2 Project Grand Total					**$1,627,918.45**

Becker Road

Date: 4/16/2019 10:46:30 AM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: BECKER-1-52-01 **Letting Date:** 01/2099

Description: Becker Road at I-95 Intersection Project.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 1.006 MI

Project Manager: Min-Tang Li

Version 2 Project Grand Total **$60,187.61**
Description: Short Term (2030) LRE for Becker Road for the addition of one southbound left turn lane at Village Parkway.

Sequence: 1 RSD - Resurfacing, Divided **Net Length:** 0.138 MI
729 LF

Description: Short Term (2030) LRE for Becker Road for the addition of one southbound left turn lane at Village Parkway.
Special Conditions: Includes guide skip stripe replacement

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Roadway Pavement Width L/R	24.00 / 0.00
Structural Spread Rate	0
Friction Course Spread Rate	110

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	1,943.04	SY	$7.42	$14,417.36
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	106.87	TN	$281.13	$30,044.36

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
710-11-103	PAINTED PAVT MARK,STD,WHITE,SOLID,12"	0.05	GM	$2,119.58	$105.98
710-11-141	PAINTED PAVT MARK,STD,WH,DOT GUIDE, 6"	0.07	GM	$840.40	$58.83
711-11-103	THERMOPLASTIC, STD, WHITE, SOLID, 12"	0.05	GM	$9,597.26	$479.86
711-11-141	THERMOPLASTIC, STD, WHITE, DOT GUIDE, 6"	0.07	GM	$2,260.87	$158.26

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y

Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	3
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	19.00	EA	$7.25	$137.75
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.41	GM	$1,257.90	$515.74
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	0.41	GM	$5,246.68	$2,151.14
	Roadway Component Total				$48,069.28

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	0.00 / 0.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Paved Outside Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-18	INLET PROTECTION SYSTEM	3.00	EA	$32.50	$97.50
107-1	LITTER REMOVAL	1.00	AC	$28.28	$28.28
107-2	MOWING	1.00	AC	$55.39	$55.39
	Shoulder Component Total				$181.17

Sequence 1 Total $48,250.45

Date: 4/16/2019 10:46:31 AM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: BECKER-1-52-01 **Letting Date:** 01/2099

Description: Becker Road at I-95 Intersection Project.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 1.006 MI

Project Manager: Min-Tang Li

Version 2 Project Grand Total **$60,187.61**
Description: Short Term (2030) LRE for Becker Road for the addition of one southbound left turn lane at Village Parkway.

Project Sequences Subtotal			**$48,250.45**
102-1	Maintenance of Traffic	10.00 %	$4,825.04
101-1	Mobilization	8.00 %	$4,246.04
Project Sequences Total			**$57,321.53**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$2,866.08	$2,866.08
Project Non-Bid Subtotal					**$2,866.08**
Version 2 Project Grand Total					**$60,187.61**

Tradition Parkway / Gatlin Blvd.

Date: 4/13/2019 1:11:17 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: GATLIN-1-99-01 **Letting Date:** 01/2099

Description: I95/Gatlin Blvd DDI

District: 04 **County:** 94 ST. LUCIE **Market Area:** 11 **Units:** English

Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 1.600 MI

Project Manager: Min-Tang Li

Version 2 Project Grand Total **$1,367,872.86**

Description: 2030 Preliminary Design - Village Parkway Drive

Sequence: 1 WDU - Widen/Resurface, Divided, Urban **Net Length:** 0.182 MI
960 LF

Description: Village Parkway Improvements

Special Conditions: NB 1 Lane Widening. NB and WB Right Turn Lanes. Bridge Widening. Signalization

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EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	0.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.159
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.66	AC	$14,142.55	$9,334.08
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	2,840.69	CY	$12.06	$34,258.72
	Earthwork Component Total				$43,592.80

ROADWAY COMPONENT

User Input Data

Description	Value

Number of Lanes	2
Existing Roadway Pavement Width L/R	0.00 / 12.00
Structural Spread Rate	110
Friction Course Spread Rate	110
Widened Outside Pavement Width L/R	0.00 / 12.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	110
Widened Friction Course Spread Rate	110

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	1,555.04	SY	$8.15	$12,673.58
285-709	OPTIONAL BASE,BASE GROUP 09	1,315.07	SY	$16.58	$21,803.86
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	1,279.87	SY	$5.91	$7,564.03
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	70.39	TN	$99.97	$7,036.89
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	70.39	TN	$99.97	$7,036.89
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	70.39	TN	$250.88	$17,659.44
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	70.39	TN	$250.88	$17,659.44

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	660.00	LF	$1.61	$1,062.60
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	24.00	LF	$3.82	$91.68
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	2.00	EA	$71.34	$142.68

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	25.00	EA	$3.77	$94.25
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.36	GM	$5,203.75	$1,873.35
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	0.36	GM	$5,134.92	$1,848.57
	Roadway Component Total				$96,547.26

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	0.00 / 14.25
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 2.00
Sidewalk Width L/R	0.00 / 10.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	959.90	LF	$22.81	$21,895.32
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	1,066.56	SY	$41.04	$43,771.62
570-1-1	PERFORMANCE TURF	213.31	SY	$1.62	$345.56

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	196.00	LF	$22.81	$4,470.76
	Comment: 2 Median islands				
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	196.00	SY	$41.04	$8,043.84
	Comment: 2 Median islands				

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,919.81	LF	$1.60	$3,071.70
104-11	FLOATING TURBIDITY BARRIER	18.18	LF	$9.86	$179.25
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	18.18	LF	$5.65	$102.72
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,032.50	$3,032.50
104-18	INLET PROTECTION SYSTEM	9.00	EA	$108.56	$977.04
107-1	LITTER REMOVAL	1.59	AC	$31.50	$50.08
107-2	MOWING	1.59	AC	$49.71	$79.04
	Shoulder Component Total				$86,019.43

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-5-11	TRAF SEP CONC-TYPE I, 4' WIDE	50.00	LF	$40.36	$2,018.00
570-1-1	PERFORMANCE TURF	569.54	SY	$1.62	$922.65

	Median Component Total	$2,940.65

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	3.27	CY	$1,640.37	$5,364.01
425-1-351	INLETS, CURB, TYPE P-5, <10'	7.00	EA	$5,078.02	$35,546.14
425-1-451	INLETS, CURB, TYPE J-5, <10'	2.00	EA	$9,616.17	$19,232.34
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	104.00	LF	$103.02	$10,714.08
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	32.00	LF	$122.44	$3,918.08
570-1-1	PERFORMANCE TURF	55.27	SY	$1.62	$89.54

	Drainage Component Total	$74,864.19

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	4.00	AS	$444.33	$1,777.32
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,108.73	$1,108.73
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$236.98	$236.98
700-1-60	SINGLE POST SIGN, REMOVE	4.00	AS	$24.01	$96.04
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$3,577.16	$3,577.16
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$376.34	$376.34

	Signing Component Total	$7,172.57

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	6 Lane Mast Arm
Multiplier	1
Description	Mast Arm replacement - NE and SE corners of intersection

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	700.00	LF	$7.97	$5,579.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	300.00	LF	$18.34	$5,502.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	$4,612.97	$4,612.97
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	22.00	EA	$697.32	$15,341.04
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	$2,703.62	$2,703.62

639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00 LF	$2.73	$163.80
641-2-11	PREST CNC POLE,F&I,TYP P-II,PEDESTAL	2.00 EA	$1,038.67	$2,077.34
649-21-21	STEEL MAST ARM ASSEMBLY, F&I, 78'	2.00 EA	$46,958.02	$93,916.04
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	12.00 AS	$975.52	$11,706.24
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	2.00 AS	$639.22	$1,278.44
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	12.00 EA	$224.29	$2,691.48
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	12.00 AS	$1,114.85	$13,378.20
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	2.00 EA	$144.27	$288.54
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	2.00 AS	$26,550.76	$53,101.52
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00 EA	$287.75	$1,151.00
	Signalizations Component Total			$213,491.23

BRIDGES COMPONENT

Bridge 1

Description	**Value**
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	150.00
Width (LF)	24.00
Type	Medium Level, Widen
Cost Factor	1.20
Structure No.	
Removal of Existing Structures area	200.00
Default Cost per SF	$65.00
Factored Cost per SF	$78.00
Final Cost per SF	**$87.46**
Basic Bridge Cost	**$280,800.00**
Description	WIDEN 25 FT TO PROVIDE FOR 1 ADDITIONAL NB LANE AND SIDEWALK

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	200.00	SF	$18.56	$3,712.00
400-2-10	CONC CLASS II, APPROACH SLABS	53.33	CY	$465.17	$24,807.52
415-1-9	REINF STEEL- APPROACH SLABS	9,332.75	LB	$0.99	$9,239.42
	Bridge 1 Total				$318,558.94
	Bridges Component Total				$318,558.94

Sequence 1 Total $843,187.07

Sequence: 2 WDU - Widen/Resurface, Divided, Urban **Net Length:** 0.108 MI
570 LF

Description: Tradition Parkway (EB&WB)
Special Conditions: Left Turn Lanes extension.(EB&WB)

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	24.00 / 0.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.227
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.31	AC	$14,142.55	$4,384.19
120-1	REGULAR EXCAVATION	3,949.03	CY	$9.47	$37,397.31
	Earthwork Component Total				$41,781.50

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Existing Roadway Pavement Width L/R	36.00 / 0.00
Structural Spread Rate	110
Friction Course Spread Rate	110
Widened Outside Pavement Width L/R	0.00 / 0.00
Widened Inside Pavement Width L/R	24.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	110

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	1,684.11	SY	$8.15	$13,725.50
285-709	OPTIONAL BASE,BASE GROUP 09	1,541.55	SY	$16.58	$25,558.90
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	2,280.96	SY	$5.91	$13,480.47
334-1-13	SUPERPAVE ASPHALTIC CONC,	125.45	TN	$99.97	$12,541.24

	TRAFFIC C			
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	209.09 TN	$99.97	$20,902.73
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	125.45 TN	$250.88	$31,472.90
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	83.64 TN	$250.88	$20,983.60

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	15.00	EA	$3.77	$56.55
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.43	GM	$5,203.75	$2,237.61
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	0.43	GM	$5,134.92	$2,208.02
	Roadway Component Total				$143,167.52

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	0.00 / 0.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Sidewalk Width L/R	0.00 / 0.00

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,140.48	LF	$1.60	$1,824.77
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,032.50	$3,032.50
104-18	INLET PROTECTION SYSTEM	5.00	EA	$108.56	$542.80
107-1	LITTER REMOVAL	0.94	AC	$31.50	$29.61
107-2	MOWING	0.94	AC	$49.71	$46.73
	Shoulder Component Total				$5,476.40

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-5-11	TRAF SEP CONC-TYPE I, 4' WIDE	400.00	LF	$40.36	$16,144.00
570-1-1	PERFORMANCE TURF	338.34	SY	$1.62	$548.11
	Median Component Total				$16,692.11

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	1.94	CY	$1,640.37	$3,182.32
425-1-351	INLETS, CURB, TYPE P-5, <10'	4.00	EA	$5,078.02	$20,312.08
425-1-451	INLETS, CURB, TYPE J-5, <10'	2.00	EA	$9,616.17	$19,232.34
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	64.00	LF	$103.02	$6,593.28
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	24.00	LF	$122.44	$2,938.56
570-1-1	PERFORMANCE TURF	32.83	SY	$1.62	$53.18
	Drainage Component Total				$52,311.76

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	3.00	AS	$444.33	$1,332.99
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,108.73	$1,108.73
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$236.98	$236.98
700-1-60	SINGLE POST SIGN, REMOVE	3.00	AS	$24.01	$72.03
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$3,577.16	$3,577.16
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$376.34	$376.34
	Signing Component Total				$6,704.23

Sequence 2 Total $266,133.52

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: GATLIN-1-99-01 **Letting Date:** 01/2099

Description: I95/Gatlin Blvd DDI

District: 04 **County:** 94 ST. LUCIE **Market Area:** 11 **Units:** English

Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 1.600 MI

Project Manager: Min-Tang Li

Version 2 Project Grand Total **$1,367,872.86**

Description: 2030 Preliminary Design - Village Parkway Drive

Project Sequences Subtotal			**$1,109,320.59**
102-1	Maintenance of Traffic	8.00 %	$88,745.65
101-1	Mobilization	10.00 %	$119,806.62
Project Sequences Total			**$1,317,872.86**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$50,000.00	$50,000.00
Project Non-Bid Subtotal					**$50,000.00**
Version 2 Project Grand Total					**$1,367,872.86**

St Lucie West Blvd.

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: SLUCIE-1-52-01 **Letting Date:** 01/2099

Description: Reconstruction and widening of St. Lucie Blvd. from Champions Way to Peacock Blvd.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 1.130 MI

Project Manager: Min-Tang Li

Version 2 Project Grand Total **$3,926,255.67**
Description: Short Term (2030) LRE for St. Lucie West Blvd. at Peacock Blvd. for turn lane improvements at the intersection.

Sequence: 1 WDU - Widen/Resurface, Divided, Urban **Net Length:** 0.425 MI
2,244 LF

Description: Turn lane and thru lane additions for St. Lucie Blvd.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	25.00 / 25.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.425
Top of Structural Course For Begin Section	103.00
Top of Structural Course For End Section	103.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	2.58 AC	$20,174.38	$52,049.90
	Earthwork Component Total			$52,049.90

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	0
Existing Roadway Pavement Width L/R	0.00 / 0.00
Structural Spread Rate	165

Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 0.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	7,220.00	SY	$11.79	$85,123.80
	Comment: Includes total widening areas along St. Lucie Blvd. for the turn lanes and thru lanes being added.				
285-709	OPTIONAL BASE,BASE GROUP 09	7,220.00	SY	$57.59	$415,799.80
	Comment: Includes total widening areas along St. Lucie Blvd. for the turn lanes and thru lanes being added.				
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	5,930.00	SY	$7.42	$44,000.60
	Comment: milling areas to incorporate new lanes and restripe as needed.				
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,191.00	TN	$230.27	$274,251.57
	Comment: Includes total widening areas along St. Lucie Blvd.				
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	723.00	TN	$281.13	$203,256.99
	Comment: Includes total widening areas along St. Lucie Blvd. Also includes 1" FC for milling areas.				
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.00	GM	$1,257.90	$1,257.90
	Comment: includes widened areas and milled areas along St. Lucie Blvd.				
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	1.00	GM	$500.00	$500.00
	Comment: includes widened areas and milled areas along St. Lucie Blvd.				
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	1.00	GM	$5,246.68	$5,246.68
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	1.00	GM	$1,604.39	$1,604.39

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Roadway Component Total $1,031,041.73

SHOULDER COMPONENT

User Input Data

Description	Value

Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	0.00 / 0.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Sidewalk Width L/R	0.00 / 0.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	456.00	SY	$11.79	$5,376.24
	Comment: proposed shoulder quantity.				
285-701	OPTIONAL BASE,BASE GROUP 01	456.00	SY	$16.30	$7,432.80
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	75.00	TN	$230.27	$17,270.25
520-1-10	CONCRETE CURB & GUTTER, TYPE F	2,333.00	LF	$23.50	$54,825.50
	Comment: Based on microstation file.				
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	1,101.00	SY	$43.00	$47,343.00
	Comment: Based on microstation file.				

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	4,488.00	LF	$1.89	$8,482.32
104-18	INLET PROTECTION SYSTEM	10.00	EA	$32.50	$325.00
107-1	LITTER REMOVAL	3.71	AC	$28.28	$104.92
107-2	MOWING	3.71	AC	$55.39	$205.50
	Shoulder Component Total				$141,365.53

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
570-1-1	PERFORMANCE TURF	1,331.44	SY	$3.02	$4,020.95
	Median Component Total				$4,020.95

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	7.65	CY	$2,287.37	$17,498.38
425-1-351	INLETS, CURB, TYPE P-5, <10'	16.00	EA	$5,500.00	$88,000.00
425-1-451	INLETS, CURB, TYPE J-5, <10'	5.00	EA	$11,699.08	$58,495.40
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	240.00	LF	$121.33	$29,119.20

430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	72.00 LF	$167.52	$12,061.44
	Drainage Component Total			$205,174.42

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	10.00 AS	$332.50	$3,325.00
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00 AS	$1,175.00	$1,175.00
700-1-50	SINGLE POST SIGN, RELOCATE	1.00 AS	$270.00	$270.00
700-1-60	SINGLE POST SIGN, REMOVE	10.00 AS	$14.00	$140.00
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00 AS	$4,150.00	$4,150.00
700-2-60	MULTI- POST SIGN, REMOVE	1.00 AS	$765.00	$765.00
	Signing Component Total			$9,825.00

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	6 Lane Mast Arm
Multiplier	1
Description	turn lane and thru lane additions are impacting existing signals.

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	700.00 LF	$9.17	$6,419.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	300.00 LF	$19.50	$5,850.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00 PI	$8,249.43	$8,249.43
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	22.00 EA	$493.33	$10,853.26
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00 AS	$2,785.53	$2,785.53
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00 LF	$5.83	$349.80
641-2-11	PREST CNC POLE,F&I,TYP P-II,PEDESTAL	1.00 EA	$1,411.90	$1,411.90
649-21-21	STEEL MAST ARM ASSEMBLY, F&I, 78'	6.00 EA	$53,545.03	$321,270.18
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	20.00 AS	$1,275.91	$25,518.20
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	$742.66	$5,941.28
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	20.00 EA	$263.89	$5,277.80
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	20.00 AS	$1,122.84	$22,456.80
665-1-11	PEDESTRIAN DETECTOR, F&I,	8.00 EA	$315.00	$2,520.00

	STANDARD			
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00 AS	$27,454.61	$27,454.61
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00 EA	$362.72	$1,450.88
	Signalizations Component Total			$447,808.67

LIGHTING COMPONENT

Conventional Lighting Subcomponent

Description	**Value**
Spacing	MIN

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	2,244.00	LF	$9.17	$20,577.48
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	445.40	LF	$19.50	$8,685.30
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	15.00	EA	$493.33	$7,399.95
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	8,195.70	LF	$2.87	$23,521.66
715-4-13	LIGHT POLE COMPLETE, F&I-STD, 40'	10.00	EA	$7,193.30	$71,933.00
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	10.00	EA	$549.72	$5,497.20
	Subcomponent Total				$137,614.59
	Lighting Component Total				$137,614.59

Sequence 1 Total $2,028,900.79

Sequence: 2 WDU - Widen/Resurface, Divided, Urban **Net Length:** 0.204 MI
1,077 LF

Description: Turn lane and thru lane additions for Peacock Blvd.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	25.00 / 25.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.204
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.24	AC	$20,174.38	$25,016.23
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	931.91	CY	$45.92	$42,793.31
	Earthwork Component Total				$67,809.54

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	5
Existing Roadway Pavement Width L/R	36.00 / 24.00
Structural Spread Rate	330
Friction Course Spread Rate	110
Widened Outside Pavement Width L/R	12.00 / 12.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	330
Widened Friction Course Spread Rate	110

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	3,489.87	SY	$11.79	$41,145.57
285-709	OPTIONAL BASE,BASE GROUP 09	2,951.31	SY	$57.59	$169,965.94
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	7,180.80	SY	$7.76	$55,723.01
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,184.83	TN	$230.27	$272,830.80

334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	473.93 TN	$230.27	$109,131.86
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	394.94 TN	$281.13	$111,029.48
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	157.98 TN	$281.13	$44,412.92

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	3

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	110.00 EA	$7.25	$797.50
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.82 GM	$1,257.90	$1,031.48
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.61 GM	$500.00	$305.00
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.82 GM	$3,995.23	$3,276.09
711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	0.61 GM	$1,545.43	$942.71
	Roadway Component Total			$810,592.36

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	0.00 / 0.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Sidewalk Width L/R	0.00 / 0.00

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	423.00 SY	$11.79	$4,987.17
285-701	OPTIONAL BASE,BASE GROUP 01	423.00 SY	$16.30	$6,894.90
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	70.00 TN	$230.27	$16,118.90
520-1-10	CONCRETE CURB & GUTTER, TYPE F	2,463.00 LF	$23.50	$57,880.50
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	940.00 SY	$43.00	$40,420.00

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	2,154.24	LF	$1.89	$4,071.51
104-18	INLET PROTECTION SYSTEM	5.00	EA	$32.50	$162.50
107-1	LITTER REMOVAL	1.78	AC	$28.28	$50.34
107-2	MOWING	1.78	AC	$55.39	$98.59
	Shoulder Component Total				$130,684.41

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	7.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
570-1-1	PERFORMANCE TURF	837.76	SY	$3.02	$2,530.04

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-70	CONCRETE TRAFFIC SEPARATOR, SP- VAR WIDT	509.00	SY	$94.85	$48,278.65
	Median Component Total				$50,808.69

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	3.67	CY	$2,287.37	$8,394.65
425-1-351	INLETS, CURB, TYPE P-5, <10'	8.00	EA	$5,500.00	$44,000.00
425-1-451	INLETS, CURB, TYPE J-5, <10'	3.00	EA	$11,699.08	$35,097.24
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	112.00	LF	$121.33	$13,588.96
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	32.00	LF	$167.52	$5,360.64
570-1-1	PERFORMANCE TURF	62.02	SY	$3.02	$187.30
	Drainage Component Total				$106,628.79

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	5.00	AS	$332.50	$1,662.50
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,175.00	$1,175.00
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$270.00	$270.00
700-1-60	SINGLE POST SIGN, REMOVE	5.00	AS	$14.00	$70.00

700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00 AS	$4,150.00	$4,150.00
700-2-60	MULTI- POST SIGN, REMOVE	1.00 AS	$765.00	$765.00
	Signing Component Total			$8,092.50

Sequence 2 Total $1,174,616.29

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: SLUCIE-1-52-01 **Letting Date:** 01/2099

Description: Reconstruction and widening of St. Lucie Blvd. from Champions Way to Peacock Blvd.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 1.130 MI

Project Manager: Min-Tang Li

Version 2 Project Grand Total **$3,926,255.67**
Description: Short Term (2030) LRE for St. Lucie West Blvd. at Peacock Blvd. for turn lane improvements at the intersection.

Project Sequences Subtotal			**$3,203,517.08**
102-1	Maintenance of Traffic	10.00 %	$320,351.71
101-1	Mobilization	10.00 %	$352,386.88
Project Sequences Total			**$3,876,255.67**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$50,000.00	$50,000.00
Project Non-Bid Subtotal					**$50,000.00**
Version 2 Project Grand Total					**$3,926,255.67**

SR 70 / Okeechobee Road

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: SR70OR-1-52-01 **Letting Date:** 01/2099

Description: Okeechobee Road at I-95 Intersection Project.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 1.280 MI

Project Manager: Min-Tang Li

Version 3 Project Grand Total **$955,147.80**

Description: Short Term (2030) LRE for SR-70 (Okeechobee Road) at I-95 Intersection Project. Scope includes WB lane utilization and NB on-ramp concept. Signal timing improvements at Jenkins Road to be coordinated with the County as this item does not have a quantity associated with it.

Sequence: 1 WUR - Widen/Resurface, Undivided, Rural **Net Length:** 0.290 MI
1,531 LF

Description: Short Term (2030) LRE for SR-70 (Okeechobee Road) at I-95 Intersection Project.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	30.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.290
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	2.11	AC	$20,174.38	$42,567.94

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
120-1	REGULAR EXCAVATION	2,500.00	CY	$30.83	$77,075.00
120-6	EMBANKMENT	500.00	CY	$15.00	$7,500.00

Earthwork Component Total $127,142.94

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	0
Existing Roadway Pavement Width L/R	0.00 / 0.00
Structural Spread Rate	0
Friction Course Spread Rate	0
Widened Outside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	0
Widened Friction Course Spread Rate	0

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-4-10	REMOVAL OF EXIST CONC	789.00	SY	$44.40	$35,031.60
160-4	TYPE B STABILIZATION	2,176.00	SY	$11.79	$25,655.04
285-709	OPTIONAL BASE,BASE GROUP 09	2,176.00	SY	$57.38	$124,858.88
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	4,042.00	SY	$7.76	$31,365.92
	Comment: Assume M&R of 2"; 1" FC and 1" SC.				
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	701.00	TN	$229.71	$161,026.71
	Comment: 1" of SC on M&R areas and 3" for widening/reconstruction areas.				
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	342.00	TN	$281.13	$96,146.46
	Comment: 1" of friction course for milling and resurfacing and widening / reconstruction areas.				
520-70	CONCRETE TRAFFIC SEPARATOR, SP- VAR WIDT	496.00	SY	$94.85	$47,045.60
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.00	GM	$1,239.19	$1,239.19
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.09	GM	$500.00	$45.00
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	1.00	GM	$5,242.02	$5,242.02
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	0.09	GM	$1,607.60	$144.68

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Roadway Component Total $527,801.10

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	10.00 / 10.00
New Total Outside Shoulder Width L/R	10.00 / 10.00

Total Outside Shoulder Perf. Turf Width L/R	2.67 / 2.67
Existing Paved Outside Shoulder Width L/R	5.00 / 5.00
New Paved Outside Shoulder Width L/R	5.00 / 5.00
Structural Spread Rate	0
Friction Course Spread Rate	0
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	956.00	SY	$11.79	$11,271.24
285-701	OPTIONAL BASE,BASE GROUP 01	956.00	SY	$16.30	$15,582.80
	Comment: For shoulder pavement (2'inside, 4' and 5' outside shoulders)				
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	79.00	TN	$229.71	$18,147.09
520-1-10	CONCRETE CURB & GUTTER, TYPE F	968.00	LF	$23.50	$22,748.00
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	78.00	SY	$43.00	$3,354.00
	Shoulder Component Total				$71,103.13

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	5.22	CY	$2,287.37	$11,940.07
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	48.00	LF	$102.07	$4,899.36
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	24.00	LF	$167.52	$4,020.48
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	3.00	EA	$1,740.34	$5,221.02
570-1-1	PERFORMANCE TURF	117.16	SY	$3.02	$353.82

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	1.00	EA	$5,500.00	$5,500.00
425-1-361	INLETS, CURB, TYPE P-6, <10'	1.00	EA	$5,650.00	$5,650.00
	Drainage Component Total				$37,584.75

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	6.00	AS	$332.50	$1,995.00
700-1-60	SINGLE POST SIGN, REMOVE	6.00	AS	$14.00	$84.00
	Signing Component Total				$2,079.00

Sequence 1 Total	$765,710.92

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: SR70OR-1-52-01 **Letting Date:** 01/2099

Description: Okeechobee Road at I-95 Intersection Project.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 1.280 MI

Project Manager: Min-Tang Li

Version 3 Project Grand Total **$955,147.80**

Description: Short Term (2030) LRE for SR-70 (Okeechobee Road) at I-95 Intersection Project. Scope includes WB lane utilization and NB on-ramp concept. Signal timing improvements at Jenkins Road to be coordinated with the County as this item does not have a quantity associated with it.

Project Sequences Subtotal			**$765,710.92**
102-1	Maintenance of Traffic	10.00 %	$76,571.09
101-1	Mobilization	8.00 %	$67,382.56
Project Sequences Total			**$909,664.57**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$45,483.23	$45,483.23
Project Non-Bid Subtotal					**$45,483.23**
Version 3 Project Grand Total					**$955,147.80**

SR 68 / Orange Avenue

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: ORANGE-1-99-01 **Letting Date:** 01/2099

Description: SR68/ORANGE AVE - KINGS AVENUE INTERSECTION IMPROVEMENTS

District: 04 **County:** 94 ST. LUCIE **Market Area:** 11 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.500 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$2,426,012.76**
Description: SR68/ORANGE AVE - KINGS AVENUE INTERSECTION IMPROVEMENTS

Sequence: 1 WDU - Widen/Resurface, Divided, Urban **Net Length:** 0.188 MI
990 LF

Description: Orange Avenue From Kings Hwy to I-95
Special Conditions: Proposed future condition considered as existing (4 (WB)Lanes + 2 (EB) Lanes) Widening 15-ft (EB) + 12-ft (WB) Median, C&G and sidewalk reconstruction

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	30.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.400
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.37	AC	$13,867.17	$18,998.02
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	26,601.81	CY	$12.06	$320,817.83
	Earthwork Component Total				$339,815.85

ROADWAY COMPONENT

User Input Data

Description	Value

Number of Lanes	6
Existing Roadway Pavement Width L/R	48.00 / 24.00
Structural Spread Rate	110
Friction Course Spread Rate	110
Widened Outside Pavement Width L/R	12.00 / 15.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	110

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	3,537.60	SY	$5.35	$18,926.16
285-709	OPTIONAL BASE,BASE GROUP 09	3,042.60	SY	$14.38	$43,752.59
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	7,920.00	SY	$5.91	$46,807.20
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	435.60	TN	$98.40	$42,863.04
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	408.38	TN	$98.40	$40,184.59
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	435.60	TN	$250.88	$109,283.33
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	163.35	TN	$250.88	$40,981.25

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	126.00	LF	$3.62	$456.12
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE	16.00	EA	$103.69	$1,659.04
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	20.00	EA	$72.61	$1,452.20
711-12-123	THERMOPLASTIC,REFURB, WHITE, SOLID, 12"	244.00	LF	$2.37	$578.28

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	127.00	EA	$3.48	$441.96
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.75	GM	$4,792.29	$3,594.22
711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	0.75	GM	$1,393.50	$1,045.12
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	0.75	GM	$4,747.32	$3,560.49

	Roadway Component Total	$355,585.59

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	28.25 / 28.25
Total Outside Shoulder Perf. Turf Width L/R	20.00 / 20.00
Sidewalk Width L/R	6.00 / 6.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	990.00	LF	$20.40	$20,196.00
520-1-10	CONCRETE CURB & GUTTER, TYPE F	990.00	LF	$20.40	$20,196.00
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	1,320.00	SY	$37.85	$49,962.00
570-1-1	PERFORMANCE TURF	4,400.00	SY	$1.64	$7,216.00

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,980.00	LF	$1.45	$2,871.00
104-11	FLOATING TURBIDITY BARRIER	300.00	LF	$9.83	$2,949.00
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,042.75	$3,042.75
104-18	INLET PROTECTION SYSTEM	9.00	EA	$99.62	$896.58
107-1	LITTER REMOVAL	1.64	AC	$27.46	$45.03
107-2	MOWING	1.64	AC	$52.48	$86.07

	Shoulder Component Total	$107,460.43

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	26.00
Performance Turf Width	15.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	1,980.00	LF	$21.03	$41,639.40
520-5-11	TRAF SEP CONC-TYPE I, 4' WIDE	327.00	LF	$40.36	$13,197.72
570-1-1	PERFORMANCE TURF	1,650.00	SY	$1.64	$2,706.00

	Median Component Total	$57,543.12

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	3.38	CY	$1,640.37	$5,544.45
425-1-351	INLETS, CURB, TYPE P-5, <10'	7.00	EA	$4,881.13	$34,167.91
425-1-451	INLETS, CURB, TYPE J-5, <10'	2.00	EA	$7,515.39	$15,030.78
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	104.00	LF	$88.57	$9,211.28
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	32.00	LF	$118.46	$3,790.72
570-1-1	PERFORMANCE TURF	57.00	SY	$1.64	$93.48
	Drainage Component Total				$67,838.62

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	5.00	AS	$450.57	$2,252.85
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,195.08	$1,195.08
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$271.75	$271.75
700-1-60	SINGLE POST SIGN, REMOVE	5.00	AS	$23.51	$117.55
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$3,781.20	$3,781.20
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$374.54	$374.54

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-3-202	SIGN PANEL, F&I OM, 12-20 SF	1.00	EA	$1,046.67	$1,046.67
700-4-112	OH STATIC SIGN STR, F&I, C 21-30 FT	1.00	EA	$44,757.70	$44,757.70
	Signing Component Total				$53,797.34

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	6 Lane Mast Arm
Multiplier	1
Description	Orange Avenue and Kings Hwy intersection

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	700.00	LF	$6.45	$4,515.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	300.00	LF	$18.34	$5,502.00
632-7-1	SIGNAL CABLE- NEW OR RECO,	1.00	PI	$5,091.81	$5,091.81

	FUR & INSTALL			
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	22.00 EA	$712.35	$15,671.70
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00 AS	$2,741.69	$2,741.69
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00 LF	$2.54	$152.40
641-2-11	PREST CNC POLE,F&I,TYP P-II,PEDESTAL	1.00 EA	$1,038.67	$1,038.67
649-21-21	STEEL MAST ARM ASSEMBLY, F&I, 78'	6.00 EA	$46,958.02	$281,748.12
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	20.00 AS	$895.68	$17,913.60
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	4.00 AS	$618.41	$2,473.64
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	20.00 EA	$224.29	$4,485.80
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	10.00 AS	$1,114.85	$11,148.50
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	4.00 EA	$142.29	$569.16
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00 AS	$26,046.53	$26,046.53
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00 EA	$287.75	$1,151.00
	Signalizations Component Total			$380,249.62

UTILITIES COMPONENT

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
1000-7	UTILITY WORK- JPA/UTILITY AGREEME, POWER	1.00	LS	$127,696.03	$127,696.03
	Comment: 3 Utility poles identified in the NE quadrant of the intersection				
	Utilities Component Total				$127,696.03

Sequence 1 Total $1,489,986.60

Sequence: 2 WUR - Widen/Resurface, Undivided, Rural **Net Length:** 0.199 MI
1,050 LF

Description: I-95 SB Ramp
Special Conditions: I-95 SB ramp widening and median island new construction

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	30.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.199
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.45	AC	$13,867.17	$20,107.40
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	618.76	CY	$12.06	$7,462.25
	Earthwork Component Total				$27,569.64

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	3
Existing Roadway Pavement Width L/R	24.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 12.00
Widened Structural Spread Rate	330
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	4,357.13	SY	$5.35	$23,310.65
285-709	OPTIONAL BASE,BASE GROUP 09	1,438.76	SY	$14.38	$20,689.37
327-70-11	MILLING EXIST ASPH PAVT,2 1/4" AVG DEPTH	2,800.51	SY	$5.82	$16,298.97
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	231.04	TN	$98.40	$22,734.34
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	231.04	TN	$98.40	$22,734.34

337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	112.02 TN	$147.49	$16,521.83
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	56.01 TN	$147.49	$8,260.91

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	107.00	EA	$3.48	$372.36
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.40	GM	$4,792.29	$1,916.92
711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	0.40	GM	$1,393.50	$557.40
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	0.40	GM	$4,747.32	$1,898.93
	Roadway Component Total				$135,296.01

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	6.00 / 0.00
New Total Outside Shoulder Width L/R	12.67 / 12.67
Total Outside Shoulder Perf. Turf Width L/R	2.67 / 2.67
Existing Paved Outside Shoulder Width L/R	2.00 / 0.00
New Paved Outside Shoulder Width L/R	10.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	2,410.77	SY	$16.34	$39,391.98
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	233.38	SY	$3.98	$928.85
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	128.36	TN	$98.40	$12,630.62
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	6.16	TN	$147.49	$908.54
570-1-1	PERFORMANCE TURF	623.11	SY	$1.64	$1,021.90

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount

520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,281.00 LF	$20.40	$26,132.40
	Comment: Median Island			
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	27.00 SY	$37.85	$1,021.95

Erosion Control

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	2,415.44 LF	$1.45	$3,502.39
104-11	FLOATING TURBIDITY BARRIER	1,000.00 LF	$9.83	$9,830.00
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	$3,042.75	$3,042.75
104-18	INLET PROTECTION SYSTEM	1.00 EA	$99.62	$99.62
107-1	LITTER REMOVAL	0.48 AC	$27.46	$13.18
107-2	MOWING	0.48 AC	$52.48	$25.19
	Shoulder Component Total			$98,549.38

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	3.58 CY	$1,640.37	$5,872.52
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	32.00 LF	$107.53	$3,440.96
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	16.00 LF	$118.46	$1,895.36
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	2.00 EA	$1,687.67	$3,375.34
570-1-1	PERFORMANCE TURF	80.36 SY	$1.64	$131.79
	Drainage Component Total			$14,715.97

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00 AS	$450.57	$450.57
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	4.00 AS	$1,195.08	$4,780.32
700-1-60	SINGLE POST SIGN, REMOVE	4.00 AS	$23.51	$94.04
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	1.00 AS	$3,160.43	$3,160.43
	Signing Component Total			$8,485.36

LIGHTING COMPONENT

Rural Lighting Subcomponent

Description	Value

Multiplier (Number of Poles) 7

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,400.00	LF	$6.45	$9,030.00
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	7.00	EA	$712.35	$4,986.45
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	4,200.00	LF	$1.43	$6,006.00
715-4-14	LIGHT POLE COMPLETE, F&I-STD, 45'	7.00	EA	$5,579.80	$39,058.60
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	7.00	EA	$672.92	$4,710.44
	Subcomponent Total				$63,791.49
	Lighting Component Total				$63,791.49

Sequence 2 Total $348,407.85

Sequence: 3 WUU - Widen/Resurface, Undivided, Urban **Net Length:** 0.053 MI 280 LF

Description: Kings Highway - 2-LT turn lanes
Special Conditions: 2 left turn lanes Extension at Kings Highway SB

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	25.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.053
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	101.00
Horizontal Elevation For End Section	101.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.35	AC	$13,867.17	$4,853.51
	Earthwork Component Total				$4,853.51

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Existing Roadway Pavement Width L/R	0.00 / 24.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	24.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	826.46	SY	$5.35	$4,421.56
285-709	OPTIONAL BASE,BASE GROUP 09	756.50	SY	$14.38	$10,878.47
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	746.24	SY	$5.91	$4,410.28
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	41.04	TN	$98.40	$4,038.34
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	102.61	TN	$98.40	$10,096.82
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	29.85	TN	$250.88	$7,488.77

337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	29.85 TN	$250.88	$7,488.77

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE	4.00	EA	$103.69	$414.76
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	4.00	EA	$72.61	$290.44

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	7.00	EA	$3.48	$24.36
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.21	GM	$4,792.29	$1,006.38
711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	0.05	GM	$1,393.50	$69.68
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	0.21	GM	$4,747.32	$996.94
	Roadway Component Total				$51,625.56

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	12.25 / 12.25
New Total Outside Shoulder Width L/R	12.25 / 12.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	5.00 / 5.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	279.84	LF	$20.40	$5,708.74
520-1-10	CONCRETE CURB & GUTTER, TYPE F	279.84	LF	$20.40	$5,708.74
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	310.93	SY	$37.85	$11,768.70
570-1-1	PERFORMANCE TURF	310.93	SY	$1.64	$509.93

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	559.68	LF	$1.45	$811.54
104-11	FLOATING TURBIDITY BARRIER	5.30	LF	$9.83	$52.10
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	5.30	LF	$4.73	$25.07
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,042.75	$3,042.75
104-18	INLET PROTECTION SYSTEM	3.00	EA	$99.62	$298.86
107-1	LITTER REMOVAL	0.24	AC	$27.46	$6.59
107-2	MOWING	0.24	AC	$52.48	$12.60
	Shoulder Component Total				$27,945.61

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	2.00	EA	$4,881.13	$9,762.26
425-1-451	INLETS, CURB, TYPE J-5, <10'	1.00	EA	$7,515.39	$7,515.39
425-1-521	INLETS, DT BOT, TYPE C, <10'	1.00	EA	$3,158.92	$3,158.92
425-2-41	MANHOLES, P-7, <10'	1.00	EA	$3,755.26	$3,755.26
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	104.00	LF	$88.57	$9,211.28
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	272.00	LF	$160.89	$43,762.08
570-1-1	PERFORMANCE TURF	16.11	SY	$1.64	$26.42
	Drainage Component Total				$77,191.61

Sequence 3 Total $161,616.29

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: ORANGE-1-99-01 **Letting Date:** 01/2099

Description: SR68/ORANGE AVE - KINGS AVENUE INTERSECTION IMPROVEMENTS

District: 04 **County:** 94 ST. LUCIE **Market Area:** 11 **Units:** English

Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.500 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$2,426,012.76**

Description: SR68/ORANGE AVE - KINGS AVENUE INTERSECTION IMPROVEMENTS

Project Sequences Subtotal			**$2,000,010.74**
102-1	Maintenance of Traffic	8.00 %	$160,000.86
101-1	Mobilization	10.00 %	$216,001.16
Project Sequences Total			**$2,376,012.76**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$50,000.00	$50,000.00
Project Non-Bid Subtotal					**$50,000.00**
Version 1-P Project Grand Total					**$2,426,012.76**

CR 606 / Oslo Road

Date: 4/11/2019 12:03:03 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: OSLORD-1-52-01 **Letting Date:** 01/2099

Description: Addition of mast arms at the Oslo Road and 82nd Avenue Intersection.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.200 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$330,747.69**
Description: Addition of mast arms at the Oslo Road and 82nd Avenue Intersection.

Sequence: 1 MIS - Miscellaneous Construction **Net Length:** 0.200 MI
1,056 LF

Description: Addition of mast arms at the Oslo Road and 82nd Avenue Intersection.

ROADWAY COMPONENT

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
339-1	MISCELLANEOUS ASPHALT PAVEMENT	10.00	TN	$270.00	$2,700.00
536-1-1	GUARDRAIL- ROADWAY, GEN TL-3	100.00	LF	$26.45	$2,645.00
536-73	GUARDRAIL REMOVAL	20.00	LF	$12.50	$250.00
536-85-26	GUARDRAIL END TREATMENT-TYPE CRT	2.00	EA	$2,698.64	$5,397.28

Peripherals Subcomponent

Description	Value
Off Road Bike Path(s)	0
Off Road Bike Path Width L/R	0.00 / 0.00
Bike Path Structural Spread Rate	0
Noise Barrier Wall Length	0.00
Noise Barrier Wall Begin Height	0.00
Noise Barrier Wall End Height	0.00

Roadway Component Total $10,992.28

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	2 Lane Mast Arm
Multiplier	1
Description	Addition of mast arms at the Oslo Road and 82nd Avenue Intersection.

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount

630-2-11	CONDUIT, F& I, OPEN TRENCH	800.00 LF	$9.17	$7,336.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	200.00 LF	$19.50	$3,900.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00 PI	$8,249.43	$8,249.43
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	12.00 EA	$493.33	$5,919.96
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00 AS	$2,785.53	$2,785.53
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00 LF	$5.83	$349.80
649-21-4	STEEL MAST ARM ASSEMBLY, F&I, 40'- 30'	3.00 EA	$48,576.27	$145,728.81
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	8.00 AS	$1,275.91	$10,207.28
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00 AS	$27,454.61	$27,454.61
700-5-21	INTERNAL ILLUM SIGN, F&I OM, UP TO 12 SF	3.00 EA	$4,597.95	$13,793.85

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
632-7-6	SIGNAL CABLE, REMOVE-INTERSECTION	1.00	PI	$1,020.48	$1,020.48
634-4-600	SPAN WIRE ASSEMBLY, REMOVE-POLES REMAIN	1.00	PI	$811.44	$811.44
641-2-60	PREST CNC POLE, REMOVE	2.00	EA	$459.77	$919.54
660-4-11	VEHICLE DETECTION SYSTEM-VIDEO, CABINET	1.00	EA	$12,334.13	$12,334.13
660-4-12	VEHICLE DETECTION SYSTEM-VIDEO, ABOVE G	3.00	EA	$4,448.84	$13,346.52
	Signalizations Component Total				$254,157.38

Sequence 1 Total $265,149.66

Date: 4/11/2019 12:03:03 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: OSLORD-1-52-01 **Letting Date:** 01/2099

Description: Addition of mast arms at the Oslo Road and 82nd Avenue Intersection.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.200 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$330,747.69**
Description: Addition of mast arms at the Oslo Road and 82nd Avenue Intersection.

Project Sequences Subtotal			**$265,149.66**
102-1	Maintenance of Traffic	10.00 %	$26,514.97
101-1	Mobilization	8.00 %	$23,333.17
Project Sequences Total			**$314,997.80**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$15,749.89	$15,749.89
Project Non-Bid Subtotal					**$15,749.89**
Version 1-P Project Grand Total					**$330,747.69**

CR 512 / Fellsmere Road

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: FELLSM-1-52-01 **Letting Date:** 01/2099

Description: Fellsmere Road Concept

District: 04 **County:** 88 INDIAN RIVER **Market Area:** 11 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.700 MI

Project Manager: Min-Tang Li

Version 3 Project Grand Total **$511,169.21**
Description: 2030 Fellsmere Road Concept, April 2019 update

Sequence: 1 WDR - Widen/Resurface, Divided, Rural **Net Length:** 0.096 MI
505 LF

Description: Widen Fellsmere west of I-95

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	15.00 / 0.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.096
Top of Structural Course For Begin Section	100.00
Top of Structural Course For End Section	100.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.17	AC	$22,587.91	$3,839.94
	Earthwork Component Total				$3,839.94

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Existing Roadway Pavement Width L/R	15.00 / 0.00

Structural Spread Rate	220
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	9.00 / 12.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	330
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	2,748.18	SY	$7.51	$20,638.83
285-709	OPTIONAL BASE,BASE GROUP 09	1,214.81	SY	$141.69	$172,126.43
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	841.28	SY	$5.91	$4,971.96
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	92.54	TN	$210.79	$19,506.51
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	194.34	TN	$210.79	$40,964.93
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	33.65	TN	$754.04	$25,373.45
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	47.11	TN	$754.04	$35,522.82

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
339-1	MISCELLANEOUS ASPHALT PAVEMENT	25.00	TN	$488.54	$12,213.50
	Comment: 500'x4.5'/9*2*100/2000				
536-1-1	GUARDRAIL- ROADWAY, GEN TL-3	500.00	LF	$20.62	$10,310.00

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	13.00	EA	$6.58	$85.54
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.76	GM	$1,151.17	$874.89
	Roadway Component Total				$342,588.86

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00

New Total Outside Shoulder Width L/R	12.00 / 0.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 0.00
Existing Paved Outside Shoulder Width L/R	0.00 / 0.00
New Paved Outside Shoulder Width L/R	10.00 / 0.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	579.36	SY	$20.75	$12,021.72
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	30.85	TN	$210.79	$6,502.87
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	1.48	TN	$754.04	$1,115.98
570-1-1	PERFORMANCE TURF	112.17	SY	$3.67	$411.66

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,160.97	LF	$1.90	$2,205.84
104-11	FLOATING TURBIDITY BARRIER	9.56	LF	$8.33	$79.63
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	9.56	LF	$3.51	$33.56
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$2,726.30	$2,726.30
107-1	LITTER REMOVAL	0.70	AC	$159.88	$111.92
107-2	MOWING	0.70	AC	$352.29	$246.60
	Shoulder Component Total				$25,456.08

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	40.00
Performance Turf Width	5.34
New Total Median Shoulder Width L/R	8.00 / 8.00
New Paved Median Shoulder Width L/R	0.00 / 0.00
Existing Total Median Shoulder Width L/R	8.00 / 8.00
Existing Paved Median Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
570-1-1	PERFORMANCE TURF	299.50	SY	$3.67	$1,099.16
	Median Component Total				$1,099.17

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	1.72	CY	$1,640.37	$2,821.44
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	80.00	LF	$100.88	$8,070.40
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	8.00	LF	$182.35	$1,458.80
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	4.00	EA	$1,768.94	$7,075.76
570-1-1	PERFORMANCE TURF	67.30	SY	$3.67	$246.99
	Drainage Component Total				$19,673.39

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$527.47	$527.47
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	3.00	AS	$1,250.71	$3,752.13
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$302.07	$302.07
700-1-60	SINGLE POST SIGN, REMOVE	3.00	AS	$34.98	$104.94
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$5,921.62	$5,921.62
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$1,712.05	$1,712.05
	Signing Component Total				$12,320.28

Sequence 1 Total $404,977.72

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: FELLSM-1-52-01 **Letting Date:** 01/2099

Description: Fellsmere Road Concept

District: 04 **County:** 88 INDIAN RIVER **Market Area:** 11 **Units:** English

Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.700 MI

Project Manager: Min-Tang Li

Version 3 Project Grand Total **$511,169.21**

Description: 2030 Fellsmere Road Concept, April 2019 update

Project Sequences Subtotal			**$404,977.72**
102-1	Maintenance of Traffic	10.00 %	$40,497.77
101-1	Mobilization	8.00 %	$35,638.04
Project Sequences Total			**$481,113.53**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-16	PARTNERING (DO NOT BID)	2.00	LS	$3,000.00	$6,000.00
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$24,055.68	$24,055.68
Project Non-Bid Subtotal					**$30,055.68**
Version 3 Project Grand Total					**$511,169.21**

End of Short Term LRE's

SR 9 / I-95 SB Braided Ramps

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: CROSST-1-52-01 **Letting Date:** 01/2099

Description: Crosstown Parkway Concept

District: 04 **County:** 94 ST. LUCIE **Market Area:** 11 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.758 MI

Project Manager: Min-Tang Li

Version 2 Project Grand Total **$14,264,790.25**
Description: Southbound Crosstown Parkway Braided Ramps

Sequence: 1 NUR - New Construction, Undivided, Rural **Net Length:** 1.869 MI
9,868 LF

Description: Southbound Ramps

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	50.00 / 50.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	1.869
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	22.65	AC	$13,867.17	$314,091.40
120-6	EMBANKMENT	100,623.97	CY	$8.64	$869,391.10

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
120-6	EMBANKMENT	16,668.00	CY	$8.64	$144,011.52
	Comment: Assume 450' from 0 EL. to 22.5 EL. using 5% GRADE on retaining wall at 1 approach and departure				
	Earthwork Component Total				$1,327,494.02

ROADWAY COMPONENT

User Input Data

Description	Value

Number of Lanes	2
Roadway Pavement Width L/R	12.00 / 12.00
Structural Spread Rate	275
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	48,242.54	SY	$5.35	$258,097.59
285-709	OPTIONAL BASE,BASE GROUP 09	27,037.75	SY	$14.38	$388,802.84
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	3,618.19	TN	$98.40	$356,029.90
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	2,170.91	TN	$144.39	$313,457.69

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	252.00	EA	$3.48	$876.96
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	7.48	GM	$995.47	$7,446.12
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	3.74	GM	$270.77	$1,012.68
	Roadway Component Total				$1,325,723.79

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	8.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Paved Outside Shoulder Width L/R	8.00 / 12.00
Structural Spread Rate	110
Friction Course Spread Rate	165
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	22,652.06	SY	$16.34	$370,134.66
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,206.06	TN	$98.40	$118,676.30
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	119.40	TN	$144.39	$17,240.17

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
521-72-43	SHLDR CONC BARRIER, CURB AND GUTTER BARR	18,508.00	LF	$215.42	$3,986,993.36
	Comment: Using unit price for rigid shoulder barrier				

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	25,656.26	LF	$1.60	$41,050.02
104-11	FLOATING TURBIDITY BARRIER	467.22	LF	$9.86	$4,606.79
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	467.22	LF	$5.65	$2,639.79
104-15	SOIL TRACKING PREVENTION DEVICE	2.00	EA	$3,032.50	$6,065.00
107-1	LITTER REMOVAL	22.65	AC	$31.50	$713.48
107-2	MOWING	22.65	AC	$49.71	$1,125.93
	Shoulder Component Total				$4,549,245.50

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	33.64	CY	$1,640.37	$55,182.05
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	1,496.00	LF	$114.42	$171,172.32
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	320.00	LF	$122.44	$39,180.80
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	75.00	EA	$1,756.64	$131,748.00
570-1-1	PERFORMANCE TURF	1,315.71	SY	$1.64	$2,157.76
	Drainage Component Total				$399,440.93

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	4.00	AS	$444.33	$1,777.32
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	38.00	AS	$1,108.73	$42,131.74
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	4.00	AS	$3,577.16	$14,308.64
	Signing Component Total				$58,217.70

BRIDGES COMPONENT

Bridge SB

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	965.00
Width (LF)	46.66
Type	Overpass Bridge
Cost Factor	1.00
Structure No.	
Removal of Existing Structures area	0.00
Default Cost per SF	$75.00
Factored Cost per SF	$75.00
Final Cost per SF	**$76.37**
Basic Bridge Cost	**$3,377,017.50**
Description	SB BRAIDED RAMP BRIDGE

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-10	CONC CLASS II, APPROACH SLABS	103.69	CY	$422.32	$43,790.36
415-1-9	REINF STEEL- APPROACH SLABS	18,145.75	LB	$0.98	$17,782.84
	Bridge SB Total				$3,438,590.70
	Bridges Component Total				$3,438,590.70

RETAINING WALLS COMPONENT

Retaining Wall 1

Description	Value
Length	450.00
Begin height	1.00
End Height	22.50
Multiplier	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	21,150.00	SF	$33.93	$717,619.50

Retaining Wall 2

Description	Value
Length	44.00
Begin height	22.50
End Height	22.50
Multiplier	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
548-12	RET WALL SYSTEM, PERM, EX BARRIER	1,980.00	SF	$33.93	$67,181.40
	Retaining Walls Component Total				$784,800.92

Sequence 1 Total	$11,883,513.56

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: CROSST-1-52-01 **Letting Date:** 01/2099

Description: Crosstown Parkway Concept

District: 04 **County:** 94 ST. LUCIE **Market Area:** 11 **Units:** English

Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.758 MI

Project Manager: Min-Tang Li

Version 2 Project Grand Total **$14,264,790.25**

Description: Southbound Crosstown Parkway Braided Ramps

Project Sequences Subtotal			**$11,883,513.56**
102-1	Maintenance of Traffic	10.00 %	$1,188,351.36
101-1	Mobilization	8.00 %	$1,045,749.19
Project Sequences Total			**$14,117,614.11**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-16	PARTNERING (DO NOT BID)	2.00	LS	$3,000.00	$6,000.00
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$141,176.14	$141,176.14
Project Non-Bid Subtotal					**$147,176.14**
Version 2 Project Grand Total					**$14,264,790.25**

CR 708 / SE Bridge Road

Date: 4/12/2019 11:34:23 AM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: BRIDGE-1-52-01 **Letting Date:** 01/2099

Description: SE Bridge Road Concept

District: 04 **County:** 89 MARTIN **Market Area:** 11 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.644 MI

Project Manager: Min-Tang Li

Version 4 Project Grand Total **$2,623,067.93**
Description: 2045 SE Bridge Road Concept

Sequence: 1 WUR - Widen/Resurface, Undivided, Rural **Net Length:** 0.202 MI
1,065 LF

Description: northbound I-95 off-ramp

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	30.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.202
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.47	AC	$11,073.22	$16,277.63
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	786.49	CY	$21.19	$16,665.72
	Earthwork Component Total				$32,943.36

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Existing Roadway Pavement Width L/R	0.00 / 15.00
Structural Spread Rate	165
Friction Course Spread Rate	80

Widened Outside Pavement Width L/R	9.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	3,431.59	SY	$3.21	$11,015.40
285-709	OPTIONAL BASE,BASE GROUP 09	1,104.03	SY	$25.97	$28,671.66
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	1,774.96	SY	$5.91	$10,490.01
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	146.43	TN	$109.25	$15,997.48
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	146.43	TN	$109.25	$15,997.48
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	71.00	TN	$141.82	$10,069.22
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	87.86	TN	$141.82	$12,460.31

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	27.00	EA	$3.51	$94.77
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.81	GM	$1,046.64	$847.78
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	0.40	GM	$819.79	$327.92
	Roadway Component Total				$105,972.02

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	8.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Existing Paved Outside Shoulder Width L/R	0.00 / 0.00
New Paved Outside Shoulder Width L/R	4.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	1,734.73	SY	$25.08	$43,507.03
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	91.11	TN	$109.25	$9,953.77
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	66.27	TN	$141.82	$9,398.41
570-1-1	PERFORMANCE TURF	473.32	SY	$0.54	$255.59

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	2,449.44	LF	$1.51	$3,698.65
104-11	FLOATING TURBIDITY BARRIER	20.17	LF	$8.94	$180.32
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	20.17	LF	$3.71	$74.83
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,122.01	$3,122.01
104-18	INLET PROTECTION SYSTEM	1.00	EA	$92.00	$92.00
107-1	LITTER REMOVAL	0.49	AC	$23.52	$11.52
107-2	MOWING	0.49	AC	$50.47	$24.73
	Shoulder Component Total				$70,318.87

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	3.63	CY	$1,640.37	$5,954.54
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	32.00	LF	$89.98	$2,879.36
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	16.00	LF	$138.81	$2,220.96
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	3.00	EA	$3,420.37	$10,261.11
570-1-1	PERFORMANCE TURF	81.49	SY	$0.54	$44.00
	Drainage Component Total				$21,359.97

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$358.02	$358.02
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	5.00	AS	$1,120.28	$5,601.40
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$367.02	$367.02
700-1-60	SINGLE POST SIGN, REMOVE	5.00	AS	$22.12	$110.60
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	1.00	AS	$3,661.21	$3,661.21
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$393.12	$393.12

Signing Component Total	$10,491.37
Sequence 1 Total	$241,085.59

Sequence: 2 RSU - Resurfacing, Undivided **Net Length:** 0.077 MI 405 LF

Description: southbound I-95 on-ramp

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Roadway Pavement Width L/R	12.00 / 12.00
Structural Spread Rate	165
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	1,079.94	SY	$5.91	$6,382.45
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	89.09	TN	$109.25	$9,733.08
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	89.09	TN	$141.82	$12,634.74

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	10.00	EA	$3.51	$35.10
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.31	GM	$1,046.64	$324.46
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	0.15	GM	$819.79	$122.97
	Roadway Component Total				$29,232.80

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	10.00 / 10.00
Total Outside Shoulder Perf. Turf Width L/R	2.67 / 2.67
Paved Outside Shoulder Width L/R	5.00 / 5.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	449.97	SY	$3.06	$1,376.91
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	24.75	TN	$109.25	$2,703.94
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	2.38	TN	$141.82	$337.53
570-1-1	PERFORMANCE TURF	240.29	SY	$0.54	$129.76

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-11	FLOATING TURBIDITY BARRIER	7.67	LF	$8.94	$68.57
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	7.67	LF	$3.71	$28.46
104-18	INLET PROTECTION SYSTEM	1.00	EA	$92.00	$92.00
107-1	LITTER REMOVAL	0.19	AC	$23.52	$4.47
107-2	MOWING	0.19	AC	$50.47	$9.59
	Shoulder Component Total				$4,751.22

Sequence 2 Total $33,984.02

Sequence: 3 WUR - Widen/Resurface, Undivided, Rural **Net Length:** 0.153 MI 805 LF

Description: southbound I-95 off-ramp

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	30.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.152
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.11	AC	$11,073.22	$12,291.27
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	591.81	CY	$21.19	$12,540.45
	Earthwork Component Total				$24,831.73

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	1
Existing Roadway Pavement Width L/R	15.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	9.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	2,594.53	SY	$3.21	$8,328.44
285-709	OPTIONAL BASE,BASE GROUP 09	834.72	SY	$25.97	$21,677.68
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	1,342.00	SY	$5.91	$7,931.22
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	110.72	TN	$109.25	$12,096.16
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	110.72	TN	$109.25	$12,096.16
337-7-83	ASPH CONC FC,TRAFFIC C,FC-	53.68	TN	$141.82	$7,612.90

	12.5,PG 76-22			
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	66.43 TN	$141.82	$9,421.10

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.61	GM	$1,046.64	$638.45
	Roadway Component Total				$79,802.11

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	8.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Existing Paved Outside Shoulder Width L/R	0.00 / 0.00
New Paved Outside Shoulder Width L/R	4.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	1,311.58	SY	$25.08	$32,894.43
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	68.89	TN	$109.25	$7,526.23
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	50.10	TN	$141.82	$7,105.18
570-1-1	PERFORMANCE TURF	357.87	SY	$0.54	$193.25

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,851.96	LF	$1.51	$2,796.46
104-11	FLOATING TURBIDITY BARRIER	15.25	LF	$8.94	$136.34
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	15.25	LF	$3.71	$56.58
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,122.01	$3,122.01
104-18	INLET PROTECTION SYSTEM	1.00	EA	$92.00	$92.00

107-1	LITTER REMOVAL	0.37 AC	$23.52	$8.70
107-2	MOWING	0.37 AC	$50.47	$18.67
	Shoulder Component Total			$53,949.85

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	2.74	CY	$1,640.37	$4,494.61
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	24.00	LF	$89.98	$2,159.52
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	16.00	LF	$138.81	$2,220.96
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	2.00	EA	$3,420.37	$6,840.74
570-1-1	PERFORMANCE TURF	61.61	SY	$0.54	$33.27
	Drainage Component Total				$15,749.10

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$358.02	$358.02
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	4.00	AS	$1,120.28	$4,481.12
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$367.02	$367.02
700-1-60	SINGLE POST SIGN, REMOVE	4.00	AS	$22.12	$88.48
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	1.00	AS	$3,661.21	$3,661.21
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$393.12	$393.12
	Signing Component Total				$9,348.97

Sequence 3 Total $183,681.76

Sequence: 4 RSU - Resurfacing, Undivided **Net Length:** 0.072 MI 380 LF

Description: northbound I-95 on-ramp

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Roadway Pavement Width L/R	12.00 / 12.00
Structural Spread Rate	165
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	1,013.76	SY	$5.91	$5,991.32
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	83.64	TN	$109.25	$9,137.67
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	83.64	TN	$141.82	$11,861.82

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	10.00	EA	$3.51	$35.10
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.29	GM	$1,046.64	$303.53
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	0.14	GM	$819.79	$114.77
	Roadway Component Total				$27,444.21

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	10.00 / 10.00
Total Outside Shoulder Perf. Turf Width L/R	2.67 / 2.67
Paved Outside Shoulder Width L/R	5.00 / 5.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	422.40	SY	$3.06	$1,292.54
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	23.23	TN	$109.25	$2,537.88
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	2.23	TN	$141.82	$316.26
570-1-1	PERFORMANCE TURF	225.56	SY	$0.54	$121.80

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-11	FLOATING TURBIDITY BARRIER	7.20	LF	$8.94	$64.37
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	7.20	LF	$3.71	$26.71
104-18	INLET PROTECTION SYSTEM	1.00	EA	$92.00	$92.00
107-1	LITTER REMOVAL	0.17	AC	$23.52	$4.00
107-2	MOWING	0.17	AC	$50.47	$8.58
	Shoulder Component Total				$4,464.14

Sequence 4 Total $31,908.35

Sequence: 5 WDU - Widen/Resurface, Divided, Urban **Net Length:** 0.133 MI
700 LF

Description: Resurface and widen Bridge Rd Sta 2607 - 2614

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	25.00 / 25.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.133
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.81	AC	$11,073.22	$8,969.31
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	666.35	CY	$21.19	$14,119.96
	Earthwork Component Total				$23,089.26

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	4
Existing Roadway Pavement Width L/R	24.00 / 24.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 5.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	589.66	SY	$3.21	$1,892.81
285-709	OPTIONAL BASE,BASE GROUP 09	414.63	SY	$25.97	$10,767.94
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	3,734.02	SY	$5.91	$22,068.06
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	308.06	TN	$109.25	$33,655.56

334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	53.48 TN	$109.25	$5,842.69
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	149.36 TN	$141.82	$21,182.24
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	32.09 TN	$141.82	$4,551.00

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	54.00	EA	$3.51	$189.54
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.06	GM	$1,046.64	$1,109.44
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.53	GM	$336.65	$178.42
	Roadway Component Total				$101,437.70

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	12.25 / 12.25
New Total Outside Shoulder Width L/R	17.25 / 7.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	10.00 / 0.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	777.92	SY	$41.37	$32,182.55
570-1-1	PERFORMANCE TURF	777.92	SY	$0.54	$420.08

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,400.26	LF	$1.51	$2,114.39
104-11	FLOATING TURBIDITY BARRIER	13.26	LF	$8.94	$118.54
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	13.26	LF	$3.71	$49.19
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,122.01	$3,122.01
104-18	INLET PROTECTION SYSTEM	7.00	EA	$92.00	$644.00
107-1	LITTER REMOVAL	1.16	AC	$23.52	$27.28

107-2	MOWING	1.16 AC	$50.47	$58.55
	Shoulder Component Total			$38,736.60

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	1,400.26	LF	$20.18	$28,257.25
570-1-1	PERFORMANCE TURF	415.41	SY	$0.54	$224.32
	Median Component Total				$28,481.57

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	2.39	CY	$1,640.37	$3,920.48
425-1-351	INLETS, CURB, TYPE P-5, <10'	5.00	EA	$5,628.61	$28,143.05
425-1-451	INLETS, CURB, TYPE J-5, <10'	2.00	EA	$7,153.54	$14,307.08
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	80.00	LF	$96.22	$7,697.60
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	24.00	LF	$138.81	$3,331.44
570-1-1	PERFORMANCE TURF	40.31	SY	$0.54	$21.77
	Drainage Component Total				$57,421.42

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	3.00	AS	$358.02	$1,074.06
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,120.28	$1,120.28
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$367.02	$367.02
700-1-60	SINGLE POST SIGN, REMOVE	3.00	AS	$22.12	$66.36
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$4,759.35	$4,759.35
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$393.12	$393.12
	Signing Component Total				$7,780.19

Sequence 5 Total	$256,946.74

Sequence: 6 WDU - Widen/Resurface, Divided, Urban **Net Length:** 0.095 MI
500 LF

Description: Resurface and widen Bridge Rd Sta 2614 - 2619

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	25.00 / 25.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.095
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.58	AC	$11,073.22	$6,422.47
120-1	REGULAR EXCAVATION	776.18	CY	$7.29	$5,658.35
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	246.71	CY	$21.19	$5,227.78
	Earthwork Component Total				$17,308.60

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	7
Existing Roadway Pavement Width L/R	48.00 / 36.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	12.00 / 12.00
Widened Inside Pavement Width L/R	0.00 / 12.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	2,430.08	SY	$3.21	$7,800.56
285-709	OPTIONAL BASE,BASE GROUP 09	2,055.07	SY	$25.97	$53,370.17
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	4,666.82	SY	$5.91	$27,580.91
334-1-13	SUPERPAVE ASPHALTIC CONC,	385.01	TN	$109.25	$42,062.34

	TRAFFIC C			
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	275.01 TN	$109.25	$30,044.84
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	186.67 TN	$141.82	$26,473.54
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	165.01 TN	$141.82	$23,401.72

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	5

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	77.00	EA	$3.51	$270.27
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.76	GM	$1,046.64	$795.45
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.95	GM	$336.65	$319.82
	Roadway Component Total				$212,119.61

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	12.25 / 12.25
New Total Outside Shoulder Width L/R	17.25 / 7.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	10.00 / 0.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	555.57	SY	$41.37	$22,983.93
570-1-1	PERFORMANCE TURF	555.57	SY	$0.54	$300.01

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,000.03	LF	$1.51	$1,510.05
104-11	FLOATING TURBIDITY BARRIER	9.47	LF	$8.94	$84.66
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	9.47	LF	$3.71	$35.13
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,122.01	$3,122.01
104-18	INLET PROTECTION SYSTEM	5.00	EA	$92.00	$460.00

107-1	LITTER REMOVAL	0.83 AC	$23.52	$19.52
107-2	MOWING	0.83 AC	$50.47	$41.89
	Shoulder Component Total			$28,557.20

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	1,000.03	LF	$20.18	$20,180.61
570-1-1	PERFORMANCE TURF	296.68	SY	$0.54	$160.21
	Median Component Total				$20,340.82

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	1.70	CY	$1,640.37	$2,788.63
425-1-351	INLETS, CURB, TYPE P-5, <10'	4.00	EA	$5,628.61	$22,514.44
425-1-451	INLETS, CURB, TYPE J-5, <10'	1.00	EA	$7,153.54	$7,153.54
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	56.00	LF	$96.22	$5,388.32
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	16.00	LF	$138.81	$2,220.96
570-1-1	PERFORMANCE TURF	28.79	SY	$0.54	$15.55
	Drainage Component Total				$40,081.44

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	3.00	AS	$358.02	$1,074.06
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,120.28	$1,120.28
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$367.02	$367.02
700-1-60	SINGLE POST SIGN, REMOVE	3.00	AS	$22.12	$66.36
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$4,759.35	$4,759.35
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$393.12	$393.12
	Signing Component Total				$7,780.19

Sequence 6 Total	$326,187.86

Sequence: 7 WDU - Widen/Resurface, Divided, Urban **Net Length:** 0.152 MI
800 LF

Description: Resurface and widen Bridge Rd Sta 2619 - 2627

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	25.00 / 25.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.152
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.92	AC	$11,073.22	$10,187.36
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	474.40	CY	$21.19	$10,052.54
	Earthwork Component Total				$20,239.90

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	5
Existing Roadway Pavement Width L/R	24.00 / 36.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	12.00 / 18.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	3,125.02	SY	$3.21	$10,031.31
285-709	OPTIONAL BASE,BASE GROUP 09	2,725.06	SY	$25.97	$70,769.81
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	5,332.80	SY	$5.91	$31,516.85
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	439.96	TN	$109.25	$48,065.63

334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	366.63 TN	$109.25	$40,054.33
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	213.31 TN	$141.82	$30,251.62
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	219.98 TN	$141.82	$31,197.56

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	3

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	82.00	EA	$3.51	$287.82
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.21	GM	$1,046.64	$1,266.43
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.91	GM	$336.65	$306.35
	Roadway Component Total				$263,747.72

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	12.25 / 12.25
New Total Outside Shoulder Width L/R	17.25 / 7.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	10.00 / 0.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	888.80	SY	$41.37	$36,769.66
570-1-1	PERFORMANCE TURF	888.80	SY	$0.54	$479.95

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,599.84	LF	$1.51	$2,415.76
104-11	FLOATING TURBIDITY BARRIER	15.15	LF	$8.94	$135.44
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	15.15	LF	$3.71	$56.21
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,122.01	$3,122.01
104-18	INLET PROTECTION SYSTEM	7.00	EA	$92.00	$644.00
107-1	LITTER REMOVAL	1.32	AC	$23.52	$31.05

107-2	MOWING	1.32 AC	$50.47	$66.62
	Shoulder Component Total			$43,720.69

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	1,599.84	LF	$20.18	$32,284.77
570-1-1	PERFORMANCE TURF	474.62	SY	$0.54	$256.29
	Median Component Total				$32,541.06

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	2.73	CY	$1,640.37	$4,478.21
425-1-351	INLETS, CURB, TYPE P-5, <10'	6.00	EA	$5,628.61	$33,771.66
425-1-451	INLETS, CURB, TYPE J-5, <10'	2.00	EA	$7,153.54	$14,307.08
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	88.00	LF	$96.22	$8,467.36
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	32.00	LF	$138.81	$4,441.92
570-1-1	PERFORMANCE TURF	46.06	SY	$0.54	$24.87
	Drainage Component Total				$65,491.10

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	4.00	AS	$358.02	$1,432.08
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,120.28	$1,120.28
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$367.02	$367.02
700-1-60	SINGLE POST SIGN, REMOVE	4.00	AS	$22.12	$88.48
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$4,759.35	$4,759.35
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$393.12	$393.12
	Signing Component Total				$8,160.33

Sequence 7 Total	$433,900.80

Sequence: 8 WDU - Widen/Resurface, Divided, Urban **Net Length:** 0.152 MI
800 LF

Description: Resurface and widen Bridge Rd Sta 2627 - 2635

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	25.00 / 25.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.152
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.92	AC	$11,073.22	$10,187.36
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	389.98	CY	$21.19	$8,263.68
	Earthwork Component Total				$18,451.04

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	5
Existing Roadway Pavement Width L/R	24.00 / 24.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	19.00 / 12.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	3,213.90	SY	$3.21	$10,316.62
285-709	OPTIONAL BASE,BASE GROUP 09	2,813.94	SY	$25.97	$73,078.02
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	4,266.24	SY	$5.91	$25,213.48
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	351.96	TN	$109.25	$38,451.63

334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	378.85 TN	$109.25	$41,389.36
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	170.65 TN	$141.82	$24,201.58
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	227.31 TN	$141.82	$32,237.10

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	3

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	82.00	EA	$3.51	$287.82
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.21	GM	$1,046.64	$1,266.43
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.91	GM	$336.65	$306.35
	Roadway Component Total				$246,748.41

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	12.25 / 12.25
New Total Outside Shoulder Width L/R	17.25 / 7.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	10.00 / 0.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	888.80	SY	$41.37	$36,769.66
570-1-1	PERFORMANCE TURF	888.80	SY	$0.54	$479.95

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,599.84	LF	$1.51	$2,415.76
104-11	FLOATING TURBIDITY BARRIER	15.15	LF	$8.94	$135.44
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	15.15	LF	$3.71	$56.21
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,122.01	$3,122.01
104-18	INLET PROTECTION SYSTEM	7.00	EA	$92.00	$644.00
107-1	LITTER REMOVAL	1.32	AC	$23.52	$31.05

107-2	MOWING	1.32 AC	$50.47	$66.62
	Shoulder Component Total			$43,720.69

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	1,599.84	LF	$20.18	$32,284.77
570-1-1	PERFORMANCE TURF	474.62	SY	$0.54	$256.29
	Median Component Total				$32,541.06

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	2.73	CY	$1,640.37	$4,478.21
425-1-351	INLETS, CURB, TYPE P-5, <10'	6.00	EA	$5,628.61	$33,771.66
425-1-451	INLETS, CURB, TYPE J-5, <10'	2.00	EA	$7,153.54	$14,307.08
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	88.00	LF	$96.22	$8,467.36
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	32.00	LF	$138.81	$4,441.92
570-1-1	PERFORMANCE TURF	46.06	SY	$0.54	$24.87
	Drainage Component Total				$65,491.10

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	4.00	AS	$358.02	$1,432.08
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,120.28	$1,120.28
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$367.02	$367.02
700-1-60	SINGLE POST SIGN, REMOVE	4.00	AS	$22.12	$88.48
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$4,759.35	$4,759.35
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$393.12	$393.12
	Signing Component Total				$8,160.33

Sequence 8 Total	$415,112.63

Sequence: 9 WDU - Widen/Resurface, Divided, Urban **Net Length:** 0.114 MI 600 LF

Description: Resurface and widen Bridge Rd Sta 2635 - 2641

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	25.00 / 25.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.114
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.69	AC	$11,073.22	$7,640.52
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	521.66	CY	$21.19	$11,053.98
	Earthwork Component Total				$18,694.50

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	5
Existing Roadway Pavement Width L/R	24.00 / 24.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 8.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	705.11	SY	$3.21	$2,263.40
285-709	OPTIONAL BASE,BASE GROUP 09	555.16	SY	$25.97	$14,417.51
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	3,198.98	SY	$5.91	$18,905.97
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	263.92	TN	$109.25	$28,833.26

334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	73.31 TN	$109.25	$8,009.12
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	127.96 TN	$141.82	$18,147.29
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	43.99 TN	$141.82	$6,238.66

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	3

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	61.00	EA	$3.51	$214.11
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.91	GM	$1,046.64	$952.44
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.68	GM	$336.65	$228.92
	Roadway Component Total				$98,210.68

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	12.25 / 12.25
New Total Outside Shoulder Width L/R	17.25 / 7.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	10.00 / 0.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	666.45	SY	$41.37	$27,571.04
570-1-1	PERFORMANCE TURF	666.45	SY	$0.54	$359.88

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,199.62	LF	$1.51	$1,811.43
104-11	FLOATING TURBIDITY BARRIER	11.36	LF	$8.94	$101.56
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	11.36	LF	$3.71	$42.15
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,122.01	$3,122.01
104-18	INLET PROTECTION SYSTEM	6.00	EA	$92.00	$552.00
107-1	LITTER REMOVAL	0.99	AC	$23.52	$23.28

107-2	MOWING	0.99 AC	$50.47	$49.97
	Shoulder Component Total			$33,633.31

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	1,199.62	LF	$20.18	$24,208.33
570-1-1	PERFORMANCE TURF	355.89	SY	$0.54	$192.18
	Median Component Total				$24,400.51

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	2.04	CY	$1,640.37	$3,346.35
425-1-351	INLETS, CURB, TYPE P-5, <10'	5.00	EA	$5,628.61	$28,143.05
425-1-451	INLETS, CURB, TYPE J-5, <10'	2.00	EA	$7,153.54	$14,307.08
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	64.00	LF	$96.22	$6,158.08
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	24.00	LF	$138.81	$3,331.44
570-1-1	PERFORMANCE TURF	34.53	SY	$0.54	$18.65
	Drainage Component Total				$55,304.65

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	3.00	AS	$358.02	$1,074.06
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,120.28	$1,120.28
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$367.02	$367.02
700-1-60	SINGLE POST SIGN, REMOVE	3.00	AS	$22.12	$66.36
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$4,759.35	$4,759.35
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$393.12	$393.12
	Signing Component Total				$7,780.19

Sequence 9 Total	$238,023.84

Date: 4/12/2019 11:34:26 AM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: BRIDGE-1-52-01 **Letting Date:** 01/2099

Description: SE Bridge Road Concept

District: 04 **County:** 89 MARTIN **Market Area:** 11 **Units:** English

Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.644 MI

Project Manager: Min-Tang Li

Version 4 Project Grand Total **$2,623,067.93**

Description: 2045 SE Bridge Road Concept

Project Sequences Subtotal			**$2,160,831.59**
102-1	Maintenance of Traffic	10.00 %	$216,083.16
101-1	Mobilization	8.00 %	$190,153.18
Project Sequences Total			**$2,567,067.93**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-16	PARTNERING (DO NOT BID)	2.00	LS	$3,000.00	$6,000.00
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$50,000.00	$50,000.00
Project Non-Bid Subtotal					**$56,000.00**
Version 4 Project Grand Total					**$2,623,067.93**

SR 76 / SW Kanner Highway

Date: 3/29/2019 4:48:05 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: KANNER-1-52-01 **Letting Date:** 01/2099

Description: Kanner Highway concept

District: 04 **County:** 89 MARTIN **Market Area:** 11 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.947 MI

Project Manager: Min-Tang Li

Version 2 Project Grand Total **$19,441,716.14**
Description: Kanner Highway concept, March 2019 Updates

Sequence: 2 NDR - New Construction, Divided, Rural **Net Length:** 0.114 MI
600 LF

Description: northbound I-95 off-ramp

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	50.00 / 50.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.114
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.38	AC	$11,073.22	$15,281.04
120-6	EMBANKMENT	11,305.17	CY	$11.46	$129,557.25
	Earthwork Component Total				$144,838.29

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	4
Roadway Pavement Width L/R	24.00 / 24.00
Structural Spread Rate	330
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	5,598.21	SY	$3.21	$17,970.25
285-709	OPTIONAL BASE,BASE GROUP 09	3,286.95	SY	$25.97	$85,362.09
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	527.83	TN	$109.25	$57,665.43
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	127.96	TN	$147.51	$18,875.38

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	46.00	EA	$3.51	$161.46
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.91	GM	$1,046.64	$952.44
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.45	GM	$336.65	$151.49
	Roadway Component Total				$181,138.54

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	8.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Paved Outside Shoulder Width L/R	4.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	977.02	SY	$25.08	$24,503.66
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	51.32	TN	$109.25	$5,606.71
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	3.52	TN	$147.51	$519.24
570-1-1	PERFORMANCE TURF	266.58	SY	$0.54	$143.95

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,559.50	LF	$1.51	$2,354.85
104-11	FLOATING TURBIDITY BARRIER	28.40	LF	$8.94	$253.90
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	28.40	LF	$3.71	$105.36
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,122.01	$3,122.01
104-18	INLET PROTECTION SYSTEM	1.00	EA	$92.00	$92.00
107-1	LITTER REMOVAL	2.75	AC	$23.52	$64.68
107-2	MOWING	2.75	AC	$50.47	$138.79
	Shoulder Component Total				$36,905.15

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	2.04	CY	$1,640.37	$3,346.35
425-1-551	INLETS, DT BOT, TYPE E, <10'	1.00	EA	$6,089.00	$6,089.00
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	96.00	LF	$89.98	$8,638.08
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	40.00	LF	$96.22	$3,848.80
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	40.00	LF	$138.81	$5,552.40
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	5.00	EA	$3,420.37	$17,101.85
524-1-1	CONCRETE DITCH PAVT, NR, 3"	227.20	SY	$260.00	$59,072.00
570-1-1	PERFORMANCE TURF	79.97	SY	$0.54	$43.18
	Drainage Component Total				$103,691.66

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$358.02	$358.02
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	3.00	AS	$1,120.28	$3,360.84
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$4,759.35	$4,759.35
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	1.00	AS	$7,346.02	$7,346.02
	Signing Component Total				$15,824.23

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	4 Lane Mast Arm

Multiplier 1
Description

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	750.00	LF	$6.04	$4,530.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00	LF	$18.16	$4,540.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	$14,145.90	$14,145.90
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	16.00	EA	$664.26	$10,628.16
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	$2,741.69	$2,741.69
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00	LF	$3.13	$187.80
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	4.00	EA	$40,933.34	$163,733.36
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	12.00	AS	$1,008.71	$12,104.52
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00	AS	$605.60	$4,844.80
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	12.00	EA	$224.29	$2,691.48
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	12.00	AS	$1,114.85	$13,378.20
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00	EA	$137.61	$1,100.88
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00	AS	$26,046.53	$26,046.53
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00	EA	$853.48	$3,413.92
	Signalizations Component Total				$264,087.24

Sequence 2 Total $746,485.11

Sequence: 3 NDR - New Construction, Divided, Rural **Net Length:** 0.346 MI
1,825 LF

Description: west to south I-95 on-ramp

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	50.00 / 50.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.346
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	4.19	AC	$11,073.22	$46,396.79
120-6	EMBANKMENT	29,705.75	CY	$11.46	$340,427.90
	Earthwork Component Total				$386,824.69

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Roadway Pavement Width L/R	12.00 / 12.00
Structural Spread Rate	330
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	12,165.12	SY	$3.21	$39,050.04
285-709	OPTIONAL BASE,BASE GROUP 09	5,133.68	SY	$25.97	$133,321.67
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	802.90	TN	$109.25	$87,716.82
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	194.64	TN	$147.51	$28,711.35

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4

Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	47.00	EA	$3.51	$164.97
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	2.76	GM	$1,046.64	$2,888.73
	Roadway Component Total				$291,853.59

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	8.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Paved Outside Shoulder Width L/R	4.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	2,972.34	SY	$25.08	$74,546.29
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	156.12	TN	$109.25	$17,056.11
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	10.71	TN	$147.51	$1,579.83
570-1-1	PERFORMANCE TURF	811.01	SY	$0.54	$437.95

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	4,744.40	LF	$1.51	$7,164.04
104-11	FLOATING TURBIDITY BARRIER	86.40	LF	$8.94	$772.42
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	86.40	LF	$3.71	$320.54
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,122.01	$3,122.01
104-18	INLET PROTECTION SYSTEM	3.00	EA	$92.00	$276.00
107-1	LITTER REMOVAL	8.38	AC	$23.52	$197.10
107-2	MOWING	8.38	AC	$50.47	$422.94
	Shoulder Component Total				$105,895.23

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount

400-2-2	CONC CLASS II, ENDWALLS	6.22 CY	$1,640.37	$10,203.10
425-1-551	INLETS, DT BOT, TYPE E, <10'	3.00 EA	$6,089.00	$18,267.00
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	280.00 LF	$89.98	$25,194.40
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	120.00 LF	$96.22	$11,546.40
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	104.00 LF	$138.81	$14,436.24
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	14.00 EA	$3,420.37	$47,885.18
524-1-1	CONCRETE DITCH PAVT, NR, 3"	691.20 SY	$260.00	$179,712.00
570-1-1	PERFORMANCE TURF	243.30 SY	$0.54	$131.38
	Drainage Component Total			$307,375.70

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00 AS	$358.02	$358.02
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	9.00 AS	$1,120.28	$10,082.52
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00 AS	$4,759.35	$4,759.35
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	3.00 AS	$7,346.02	$22,038.06
	Signing Component Total			$37,237.95

Sequence 3 Total $1,129,187.16

Sequence: 4 WUR - Widen/Resurface, Undivided, Rural **Net Length:** 0.095 MI 500 LF

Description: west to south I-95 on-ramp

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	30.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.095
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.69	AC	$11,073.22	$7,640.52
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	62.05	CY	$21.19	$1,314.84
	Earthwork Component Total				$8,955.36

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	1
Existing Roadway Pavement Width L/R	0.00 / 7.50
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 7.50
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	1,527.83	SY	$3.21	$4,904.33
285-709	OPTIONAL BASE,BASE GROUP 09	435.01	SY	$25.97	$11,297.21
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	416.68	SY	$5.91	$2,462.58
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	34.38	TN	$109.25	$3,756.02
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	57.29	TN	$109.25	$6,258.93
337-7-83	ASPH CONC FC,TRAFFIC C,FC-	16.67	TN	$141.82	$2,364.14

	12.5,PG 76-22			
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	34.38 TN	$141.82	$4,875.77

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.38	GM	$1,046.64	$397.72

Roadway Component Total $36,316.70

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	8.00 / 12.00
New Total Outside Shoulder Width L/R	8.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Existing Paved Outside Shoulder Width L/R	4.00 / 10.00
New Paved Outside Shoulder Width L/R	4.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	814.47	SY	$25.08	$20,426.91
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	777.80	SY	$3.06	$2,380.07
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	42.78	TN	$109.25	$4,673.72
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	31.11	TN	$141.82	$4,412.02
570-1-1	PERFORMANCE TURF	222.23	SY	$0.54	$120.00

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,150.04	LF	$1.51	$1,736.56
104-11	FLOATING TURBIDITY BARRIER	9.47	LF	$8.94	$84.66
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	9.47	LF	$3.71	$35.13
104-15	SOIL TRACKING PREVENTION	1.00	EA	$3,122.01	$3,122.01

	DEVICE			
104-18	INLET PROTECTION SYSTEM	1.00 EA	$92.00	$92.00
107-1	LITTER REMOVAL	0.23 AC	$23.52	$5.41
107-2	MOWING	0.23 AC	$50.47	$11.61
	Shoulder Component Total			$37,100.10

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	1.70 CY	$1,640.37	$2,788.63
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	16.00 LF	$89.98	$1,439.68
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	8.00 LF	$138.81	$1,110.48
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	1.00 EA	$3,420.37	$3,420.37
570-1-1	PERFORMANCE TURF	38.26 SY	$0.54	$20.66
	Drainage Component Total			$8,779.82

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00 AS	$358.02	$358.02
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	2.00 AS	$1,120.28	$2,240.56
700-1-50	SINGLE POST SIGN, RELOCATE	1.00 AS	$367.02	$367.02
700-1-60	SINGLE POST SIGN, REMOVE	2.00 AS	$22.12	$44.24
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	1.00 AS	$3,661.21	$3,661.21
700-2-60	MULTI- POST SIGN, REMOVE	1.00 AS	$393.12	$393.12
	Signing Component Total			$7,064.17

Sequence 4 Total $98,216.15

Sequence: 5 NDR - New Construction, Divided, Rural **Net Length:** 0.169 MI
890 LF

Description: west to north I-95 on-ramp

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	50.00 / 50.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.169
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	2.05	AC	$11,073.22	$22,700.10
120-6	EMBANKMENT	7,258.53	CY	$11.46	$83,182.75
	Earthwork Component Total				$105,882.85

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	1
Roadway Pavement Width L/R	15.00 / 0.00
Structural Spread Rate	330
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	4,253.22	SY	$3.21	$13,652.84
285-709	OPTIONAL BASE,BASE GROUP 09	1,548.96	SY	$25.97	$40,226.49
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	244.81	TN	$109.25	$26,745.49
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	59.35	TN	$147.51	$8,754.72

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4

Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.35	GM	$1,046.64	$1,412.96
	Roadway Component Total				$90,792.50

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	6.00 / 6.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Paved Outside Shoulder Width L/R	2.00 / 4.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	658.75	SY	$25.08	$16,521.45
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	32.64	TN	$109.25	$3,565.92
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	5.22	TN	$147.51	$770.00
570-1-1	PERFORMANCE TURF	395.65	SY	$0.54	$213.65

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	2,314.54	LF	$1.51	$3,494.96
104-11	FLOATING TURBIDITY BARRIER	42.15	LF	$8.94	$376.82
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	42.15	LF	$3.71	$156.38
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,122.01	$3,122.01
104-18	INLET PROTECTION SYSTEM	2.00	EA	$92.00	$184.00
107-1	LITTER REMOVAL	4.09	AC	$23.52	$96.20
107-2	MOWING	4.09	AC	$50.47	$206.42
	Shoulder Component Total				$28,707.81

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	3.03	CY	$1,640.37	$4,970.32
425-1-551	INLETS, DT BOT, TYPE E, <10'	2.00	EA	$6,089.00	$12,178.00

430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	136.00 LF	$89.98	$12,237.28
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	64.00 LF	$96.22	$6,158.08
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	56.00 LF	$138.81	$7,773.36
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	7.00 EA	$3,420.37	$23,942.59
524-1-1	CONCRETE DITCH PAVT, NR, 3"	337.20 SY	$260.00	$87,672.00
570-1-1	PERFORMANCE TURF	118.69 SY	$0.54	$64.09
	Drainage Component Total			$154,995.72

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$358.02	$358.02
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	5.00	AS	$1,120.28	$5,601.40
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$4,759.35	$4,759.35
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	2.00	AS	$7,346.02	$14,692.04
	Signing Component Total				$25,410.81

Sequence 5 Total $405,789.69

Sequence: 6 NDR - New Construction, Divided, Rural **Net Length:** 0.147 MI
775 LF

Description: east to north I-95 on-ramp

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	50.00 / 50.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.147
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.78	AC	$11,073.22	$19,710.33
120-6	EMBANKMENT	6,313.63	CY	$11.46	$72,354.20
	Earthwork Component Total				$92,064.53

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	1
Roadway Pavement Width L/R	15.00 / 0.00
Structural Spread Rate	330
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	3,703.27	SY	$3.21	$11,887.50
285-709	OPTIONAL BASE,BASE GROUP 09	1,348.68	SY	$25.97	$35,025.22
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	213.15	TN	$109.25	$23,286.64
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	51.67	TN	$147.51	$7,621.84

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4

Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.17	GM	$1,046.64	$1,224.57
	Roadway Component Total				$79,045.77

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	6.00 / 6.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Paved Outside Shoulder Width L/R	2.00 / 4.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	573.58	SY	$25.08	$14,385.39
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	28.42	TN	$109.25	$3,104.88
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	4.55	TN	$147.51	$671.17
570-1-1	PERFORMANCE TURF	344.49	SY	$0.54	$186.02

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	2,015.27	LF	$1.51	$3,043.06
104-11	FLOATING TURBIDITY BARRIER	36.70	LF	$8.94	$328.10
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	36.70	LF	$3.71	$136.16
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,122.01	$3,122.01
104-18	INLET PROTECTION SYSTEM	1.00	EA	$92.00	$92.00
107-1	LITTER REMOVAL	3.56	AC	$23.52	$83.73
107-2	MOWING	3.56	AC	$50.47	$179.67
	Shoulder Component Total				$25,332.20

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	2.64	CY	$1,640.37	$4,330.58
425-1-551	INLETS, DT BOT, TYPE E, <10'	1.00	EA	$6,089.00	$6,089.00

430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	120.00 LF	$89.98	$10,797.60
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	56.00 LF	$96.22	$5,388.32
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	48.00 LF	$138.81	$6,662.88
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	6.00 EA	$3,420.37	$20,522.22
524-1-1	CONCRETE DITCH PAVT, NR, 3"	293.60 SY	$260.00	$76,336.00
570-1-1	PERFORMANCE TURF	103.35 SY	$0.54	$55.81
	Drainage Component Total			$130,182.41

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$358.02	$358.02
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	4.00	AS	$1,120.28	$4,481.12
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$4,759.35	$4,759.35
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	1.00	AS	$7,346.02	$7,346.02
	Signing Component Total				$16,944.51

Sequence 6 Total $343,569.42

Sequence: 7 NDR - New Construction, Divided, Rural **Net Length:** 0.278 MI 1,465 LF

Description: 2-lane SB I-95 off-ramp

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	50.00 / 50.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.278
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	3.37	AC	$11,073.22	$37,316.75
120-6	EMBANKMENT	13,580.24	CY	$11.46	$155,629.55
	Earthwork Component Total				$192,946.30

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	1
Roadway Pavement Width L/R	24.00 / 0.00
Structural Spread Rate	330
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	9,768.00	SY	$3.21	$31,355.28
285-709	OPTIONAL BASE,BASE GROUP 09	4,014.65	SY	$25.97	$104,260.46
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	644.69	TN	$109.25	$70,432.38
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	156.29	TN	$147.51	$23,054.34

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4

Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	2.22	GM	$1,046.64	$2,323.54

Roadway Component Total $231,426.00

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	8.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Paved Outside Shoulder Width L/R	4.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	2,386.65	SY	$25.08	$59,857.18
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	125.36	TN	$109.25	$13,695.58
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	8.60	TN	$147.51	$1,268.59
570-1-1	PERFORMANCE TURF	651.20	SY	$0.54	$351.65

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	3,809.52	LF	$1.51	$5,752.38
104-11	FLOATING TURBIDITY BARRIER	69.38	LF	$8.94	$620.26
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	69.38	LF	$3.71	$257.40
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,122.01	$3,122.01
104-18	INLET PROTECTION SYSTEM	2.00	EA	$92.00	$184.00
107-1	LITTER REMOVAL	6.73	AC	$23.52	$158.29
107-2	MOWING	6.73	AC	$50.47	$339.66

Shoulder Component Total $85,607.00

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	5.00	CY	$1,640.37	$8,201.85
425-1-551	INLETS, DT BOT, TYPE E, <10'	2.00	EA	$6,089.00	$12,178.00

430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	224.00 LF	$89.98	$20,155.52
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	96.00 LF	$96.22	$9,237.12
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	88.00 LF	$138.81	$12,215.28
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	12.00 EA	$3,420.37	$41,044.44
524-1-1	CONCRETE DITCH PAVT, NR, 3"	555.00 SY	$260.00	$144,300.00
570-1-1	PERFORMANCE TURF	195.36 SY	$0.54	$105.49
	Drainage Component Total			$247,437.70

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$358.02	$358.02
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	7.00	AS	$1,120.28	$7,841.96
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$4,759.35	$4,759.35
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	2.00	AS	$7,346.02	$14,692.04
	Signing Component Total				$27,651.37

Sequence 7 Total $785,068.37

Sequence: 8 NDR - New Construction, Divided, Rural **Net Length:** 0.220 MI 1,160 LF

Description: 4-lane SB I-95 off-ramp

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	50.00 / 50.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.220
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	2.67 AC	$11,073.22	$29,565.50
120-6	EMBANKMENT	13,645.79 CY	$11.46	$156,380.75
	Earthwork Component Total			$185,946.25

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	4
Roadway Pavement Width L/R	48.00 / 0.00
Structural Spread Rate	330
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	11,342.38 SY	$3.21	$36,409.04
285-709	OPTIONAL BASE,BASE GROUP 09	6,271.82 SY	$25.97	$162,879.17
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,020.81 TN	$109.25	$111,523.49
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	247.47 TN	$147.51	$36,504.30

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4

Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	89.00	EA	$3.51	$312.39
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.76	GM	$1,046.64	$1,842.09
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.88	GM	$336.65	$296.25
	Roadway Component Total				$349,766.73

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	12.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Paved Outside Shoulder Width L/R	10.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	2,662.88	SY	$25.08	$66,785.03
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	141.78	TN	$109.25	$15,489.46
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	6.81	TN	$147.51	$1,004.54
570-1-1	PERFORMANCE TURF	515.56	SY	$0.54	$278.40

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	3,016.04	LF	$1.51	$4,554.22
104-11	FLOATING TURBIDITY BARRIER	54.92	LF	$8.94	$490.98
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	54.92	LF	$3.71	$203.75
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,122.01	$3,122.01
104-18	INLET PROTECTION SYSTEM	2.00	EA	$92.00	$184.00
107-1	LITTER REMOVAL	5.33	AC	$23.52	$125.36
107-2	MOWING	5.33	AC	$50.47	$269.01
	Shoulder Component Total				$92,506.77

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	3.95	CY	$1,640.37	$6,479.46
425-1-551	INLETS, DT BOT, TYPE E, <10'	2.00	EA	$6,089.00	$12,178.00
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	176.00	LF	$89.98	$15,836.48
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	80.00	LF	$96.22	$7,697.60
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	72.00	LF	$138.81	$9,994.32
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	9.00	EA	$3,420.37	$30,783.33
524-1-1	CONCRETE DITCH PAVT, NR, 3"	439.40	SY	$260.00	$114,244.00
570-1-1	PERFORMANCE TURF	154.67	SY	$0.54	$83.52
	Drainage Component Total				$197,296.71

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$358.02	$358.02
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	6.00	AS	$1,120.28	$6,721.68
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$4,759.35	$4,759.35
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	2.00	AS	$7,346.02	$14,692.04
	Signing Component Total				$26,531.09

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	4 Lane Mast Arm
Multiplier	1
Description	

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	750.00	LF	$6.04	$4,530.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00	LF	$18.16	$4,540.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	$14,145.90	$14,145.90
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	16.00	EA	$664.26	$10,628.16
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	$2,741.69	$2,741.69
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00	LF	$3.13	$187.80
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	4.00	EA	$40,933.34	$163,733.36

650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	12.00 AS	$1,008.71	$12,104.52
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	$605.60	$4,844.80
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	12.00 EA	$224.29	$2,691.48
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	12.00 AS	$1,114.85	$13,378.20
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	$137.61	$1,100.88
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00 AS	$26,046.53	$26,046.53
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00 EA	$853.48	$3,413.92
	Signalizations Component Total			$264,087.24

Sequence 8 Total $1,116,134.79

Sequence: 9 RSD - Resurfacing, Divided **Net Length:** 0.099 MI
520 LF

Description: Resurfacing from Sta 805 to 810

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	6
Roadway Pavement Width L/R	24.00 / 48.00
Structural Spread Rate	220
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	4,160.64	SY	$5.91	$24,589.38
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	457.67	TN	$109.25	$50,000.45
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	166.43	TN	$147.51	$24,550.09

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	66.00	EA	$3.51	$231.66
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.79	GM	$1,046.64	$826.85
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.79	GM	$336.65	$265.95
	Roadway Component Total				$100,464.38

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	10.00 / 10.00
Total Outside Shoulder Perf. Turf Width L/R	2.67 / 2.67
Paved Outside Shoulder Width L/R	5.00 / 5.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	577.87	SY	$3.06	$1,768.28
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	31.78	TN	$109.25	$3,471.96
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	3.05	TN	$147.51	$449.91
570-1-1	PERFORMANCE TURF	308.58	SY	$0.54	$166.63

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-11	FLOATING TURBIDITY BARRIER	9.85	LF	$8.94	$88.06
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	9.85	LF	$3.71	$36.54
107-1	LITTER REMOVAL	0.72	AC	$23.52	$16.93
107-2	MOWING	0.72	AC	$50.47	$36.34
	Shoulder Component Total				$6,034.66

Sequence 9 Total $106,499.04

Sequence: 10 NDU - New Construction, Divided, Urban

Net Length: 0.188 MI / 990 LF

Description: Reconstruct Kanner Hwy from Sta 810 to Sta 820

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	105.00 / 105.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.188
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	4.79	AC	$11,073.22	$53,040.72
120-6	EMBANKMENT	26,616.72	CY	$11.46	$305,027.61
	Earthwork Component Total				$358,068.33

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	6
Roadway Pavement Width L/R	43.00 / 43.00
Structural Spread Rate	330
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	10,595.20	SY	$3.21	$34,010.59
285-709	OPTIONAL BASE,BASE GROUP 09	9,460.00	SY	$25.97	$245,676.20
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,560.90	TN	$109.25	$170,528.32
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	780.45	TN	$141.82	$110,683.42

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2

Skip Stripe No. of Stripes	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	127.00	EA	$3.51	$445.77
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.50	GM	$1,046.64	$1,569.96
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	1.50	GM	$336.65	$504.98
	Roadway Component Total				$563,419.25

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	17.25 / 17.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	10.00 / 10.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	990.00	LF	$19.58	$19,384.20
520-1-10	CONCRETE CURB & GUTTER, TYPE F	990.00	LF	$19.58	$19,384.20
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	2,200.00	SY	$41.37	$91,014.00
570-1-1	PERFORMANCE TURF	1,100.00	SY	$0.54	$594.00

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,980.00	LF	$1.51	$2,989.80
104-11	FLOATING TURBIDITY BARRIER	46.88	LF	$8.94	$419.11
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	46.88	LF	$3.71	$173.92
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,122.01	$3,122.01
104-18	INLET PROTECTION SYSTEM	10.00	EA	$92.00	$920.00
107-1	LITTER REMOVAL	4.77	AC	$23.52	$112.19
107-2	MOWING	4.77	AC	$50.47	$240.74
	Shoulder Component Total				$138,354.17

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	1,980.00	LF	$20.18	$39,956.40
570-1-1	PERFORMANCE TURF	587.40	SY	$0.54	$317.20
	Median Component Total				$40,273.60

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	3.38	CY	$1,640.37	$5,544.45
425-1-351	INLETS, CURB, TYPE P-5, <10'	7.00	EA	$5,628.61	$39,400.27
425-1-451	INLETS, CURB, TYPE J-5, <10'	2.00	EA	$7,153.54	$14,307.08
425-1-521	INLETS, DT BOT, TYPE C, <10'	1.00	EA	$3,591.54	$3,591.54
425-2-41	MANHOLES, P-7, <10'	1.00	EA	$4,895.10	$4,895.10
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	504.00	LF	$96.22	$48,494.88
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	48.00	LF	$138.81	$6,662.88
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	944.00	LF	$183.62	$173,337.28
570-1-1	PERFORMANCE TURF	57.00	SY	$0.54	$30.78
	Drainage Component Total				$296,264.26

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	5.00	AS	$358.02	$1,790.10
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,120.28	$1,120.28
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	1.00	AS	$7,346.02	$7,346.02
700-2-16	MULTI- POST SIGN, F&I GM, 101-200 SF	1.00	AS	$10,876.58	$10,876.58
	Signing Component Total				$21,132.98

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	4 Lane Mast Arm
Multiplier	2
Description	eastbound signal Sta 817+50, 825

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,500.00	LF	$6.04	$9,060.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	500.00	LF	$18.16	$9,080.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	2.00	PI	$14,145.90	$28,291.80
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	32.00	EA	$664.26	$21,256.32
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	2.00	AS	$2,741.69	$5,483.38
639-2-1	ELECTRICAL SERVICE WIRE, F&I	120.00	LF	$3.13	$375.60
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	8.00	EA	$40,933.34	$327,466.72
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	24.00	AS	$1,008.71	$24,209.04
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	16.00	AS	$605.60	$9,689.60
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	24.00	EA	$224.29	$5,382.96
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	24.00	AS	$1,114.85	$26,756.40
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	16.00	EA	$137.61	$2,201.76
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	2.00	AS	$26,046.53	$52,093.06
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	8.00	EA	$853.48	$6,827.84

Signalization 2

Description	Value
Type	2 Lane Mast Arm
Multiplier	1
Description	westbound signal at Sta 820

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	800.00	LF	$6.04	$4,832.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	200.00	LF	$18.16	$3,632.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	$14,145.90	$14,145.90
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	12.00	EA	$664.26	$7,971.12
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	$2,741.69	$2,741.69
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00	LF	$3.13	$187.80
649-21-4	STEEL MAST ARM ASSEMBLY, F&I, 40'- 30'	4.00	EA	$44,324.24	$177,296.96
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	8.00	AS	$1,008.71	$8,069.68
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00	AS	$605.60	$4,844.80
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	8.00	EA	$224.29	$1,794.32
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	8.00	AS	$1,114.85	$8,918.80
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00	EA	$137.61	$1,100.88

670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00 AS	$26,046.53	$26,046.53
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00 EA	$853.48	$3,413.92
	Signalizations Component Total			$793,170.88

LIGHTING COMPONENT

Conventional Lighting Subcomponent

Description	**Value**
Spacing	MIN

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	990.00	LF	$6.04	$5,979.60
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	196.50	LF	$18.16	$3,568.44
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	7.00	EA	$664.26	$4,649.82
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	3,615.75	LF	$1.60	$5,785.20
715-4-13	LIGHT POLE COMPLETE, F&I-STD, 40'	7.00	EA	$5,032.28	$35,225.96
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	7.00	EA	$546.25	$3,823.75
	Subcomponent Total				$59,032.77
	Lighting Component Total				$59,032.77

Sequence 10 Total $2,269,716.24

Sequence: 11 NDU - New Construction, Divided, Urban

Net Length: 0.322 MI / 1,700 LF

Description: Reconstruct Kanner Hwy from Sta 820 to Sta 840

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	105.00 / 105.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.322
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	8.20	AC	$11,073.22	$90,800.40
120-6	EMBANKMENT	48,610.72	CY	$11.46	$557,078.85
	Earthwork Component Total				$647,879.25

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	8
Roadway Pavement Width L/R	55.00 / 55.00
Structural Spread Rate	330
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	22,729.25	SY	$3.21	$72,960.89
285-709	OPTIONAL BASE,BASE GROUP 09	20,779.73	SY	$25.97	$539,649.59
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	3,428.66	TN	$109.25	$374,581.10
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	1,714.33	TN	$141.82	$243,126.28

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2

Skip Stripe No. of Stripes 6

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	304.00	EA	$3.51	$1,067.04
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	2.58	GM	$1,046.64	$2,700.33
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	3.86	GM	$336.65	$1,299.47
	Roadway Component Total				$1,235,384.71

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	17.25 / 17.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	10.00 / 10.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,700.16	LF	$19.58	$33,289.13
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,700.16	LF	$19.58	$33,289.13
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	3,778.13	SY	$41.37	$156,301.24
570-1-1	PERFORMANCE TURF	1,889.07	SY	$0.54	$1,020.10

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	3,400.32	LF	$1.51	$5,134.48
104-11	FLOATING TURBIDITY BARRIER	80.50	LF	$8.94	$719.67
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	80.50	LF	$3.71	$298.66
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,122.01	$3,122.01
104-18	INLET PROTECTION SYSTEM	17.00	EA	$92.00	$1,564.00
107-1	LITTER REMOVAL	8.19	AC	$23.52	$192.63
107-2	MOWING	8.19	AC	$50.47	$413.35
	Shoulder Component Total				$235,344.40

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	3,400.32	LF	$20.18	$68,618.46
570-1-1	PERFORMANCE TURF	1,008.76	SY	$0.54	$544.73
	Median Component Total				$69,163.19

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	5.80	CY	$1,640.37	$9,514.15
425-1-351	INLETS, CURB, TYPE P-5, <10'	12.00	EA	$5,628.61	$67,543.32
425-1-451	INLETS, CURB, TYPE J-5, <10'	4.00	EA	$7,153.54	$28,614.16
425-1-521	INLETS, DT BOT, TYPE C, <10'	2.00	EA	$3,591.54	$7,183.08
425-2-41	MANHOLES, P-7, <10'	2.00	EA	$4,895.10	$9,790.20
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	856.00	LF	$96.22	$82,364.32
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	80.00	LF	$138.81	$11,104.80
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	1,616.00	LF	$183.62	$296,729.92
570-1-1	PERFORMANCE TURF	97.89	SY	$0.54	$52.86
	Drainage Component Total				$512,896.81

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	8.00	AS	$358.02	$2,864.16
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,120.28	$1,120.28
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	1.00	AS	$7,346.02	$7,346.02
700-2-16	MULTI- POST SIGN, F&I GM, 101-200 SF	1.00	AS	$10,876.58	$10,876.58
	Signing Component Total				$22,207.04

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	4 Lane Mast Arm
Multiplier	2
Description	eastbound signal Sta 825, 829

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,500.00	LF	$6.04	$9,060.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	500.00	LF	$18.16	$9,080.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	2.00	PI	$14,145.90	$28,291.80
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	32.00	EA	$664.26	$21,256.32
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	2.00	AS	$2,741.69	$5,483.38
639-2-1	ELECTRICAL SERVICE WIRE, F&I	120.00	LF	$3.13	$375.60
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	8.00	EA	$40,933.34	$327,466.72
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	24.00	AS	$1,008.71	$24,209.04
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	16.00	AS	$605.60	$9,689.60
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	24.00	EA	$224.29	$5,382.96
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	24.00	AS	$1,114.85	$26,756.40
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	16.00	EA	$137.61	$2,201.76
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	2.00	AS	$26,046.53	$52,093.06
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	8.00	EA	$853.48	$6,827.84

Signalization 2

Description	Value
Type	6 Lane Mast Arm
Multiplier	1
Description	eastbound signal at Sta 837

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	700.00	LF	$6.04	$4,228.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	300.00	LF	$18.16	$5,448.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	$14,145.90	$14,145.90
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	22.00	EA	$664.26	$14,613.72
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	$2,741.69	$2,741.69
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00	LF	$3.13	$187.80
641-2-11	PREST CNC POLE,F&I,TYP P-II,PEDESTAL	1.00	EA	$869.67	$869.67
649-21-21	STEEL MAST ARM ASSEMBLY, F&I, 78'	6.00	EA	$46,958.02	$281,748.12
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	20.00	AS	$1,008.71	$20,174.20
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00	AS	$605.60	$4,844.80
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	20.00	EA	$224.29	$4,485.80
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	20.00	AS	$1,114.85	$22,297.00
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00	EA	$137.61	$1,100.88

670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00	AS	$26,046.53	$26,046.53
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00	EA	$853.48	$3,413.92

Signalization 3

Description	Value
Type	4 Lane Mast Arm
Multiplier	1
Description	westbound signal at 837

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	750.00	LF	$6.04	$4,530.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00	LF	$18.16	$4,540.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	$14,145.90	$14,145.90
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	16.00	EA	$664.26	$10,628.16
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	$2,741.69	$2,741.69
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00	LF	$3.13	$187.80
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	4.00	EA	$40,933.34	$163,733.36
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	12.00	AS	$1,008.71	$12,104.52
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00	AS	$605.60	$4,844.80
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	12.00	EA	$224.29	$2,691.48
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	12.00	AS	$1,114.85	$13,378.20
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00	EA	$137.61	$1,100.88
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00	AS	$26,046.53	$26,046.53
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00	EA	$853.48	$3,413.92
	Signalizations Component Total				$1,198,607.75

LIGHTING COMPONENT

Conventional Lighting Subcomponent

Description	Value
Spacing	MIN

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,700.16	LF	$6.04	$10,268.97
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	337.46	LF	$18.16	$6,128.27
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	12.00	EA	$664.26	$7,971.12
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	6,209.45	LF	$1.60	$9,935.12
715-4-13	LIGHT POLE COMPLETE, F&I-STD, 40'	12.00	EA	$5,032.28	$60,387.36

715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	12.00 EA	$546.25	$6,555.00
	Subcomponent Total			$101,245.84
	Lighting Component Total			$101,245.84
Sequence 11 Total				$4,022,728.99

Sequence: 12 WDU - Widen/Resurface, Divided, Urban

Net Length: 0.284 MI / 1,500 LF

Description: Kanner Hwy from Sta 840 to Sta 855

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	25.00 / 25.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.284
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.72	AC	$11,073.22	$19,045.94
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	3,728.81	CY	$21.19	$79,013.48

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-4-10	REMOVAL OF EXIST CONC	1,150.00	SY	$14.71	$16,916.50
	Comment: Remove retaining wall and sidewalk				
	Earthwork Component Total				$114,975.92

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	6
Existing Roadway Pavement Width L/R	36.00 / 36.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	12.00 / 6.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	3,860.12	SY	$3.21	$12,390.99

285-709	OPTIONAL BASE,BASE GROUP 09	3,110.10 SY	$25.97	$80,769.30
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	12,000.38 SY	$5.91	$70,922.25
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	990.03 TN	$109.25	$108,160.78
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	412.51 TN	$109.25	$45,066.72
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	480.02 TN	$141.82	$68,076.44
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	247.51 TN	$141.82	$35,101.87

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	4

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	192.00 EA	$3.51	$673.92
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	2.27 GM	$1,046.64	$2,375.87
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	2.27 GM	$336.65	$764.20
	Roadway Component Total			$424,302.34

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	12.25 / 12.25
New Total Outside Shoulder Width L/R	17.25 / 17.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	10.00 / 10.00

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	1,500.05 LF	$20.18	$30,271.01
520-1-7	CONCRETE CURB & GUTTER, TYPE E	1,500.05 LF	$20.18	$30,271.01
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	3,333.44 SY	$41.37	$137,904.41
570-1-1	PERFORMANCE TURF	1,666.72 SY	$0.54	$900.03

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	3,000.10	LF	$1.51	$4,530.15
104-11	FLOATING TURBIDITY BARRIER	28.41	LF	$8.94	$253.99
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	28.41	LF	$3.71	$105.40
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,122.01	$3,122.01
104-18	INLET PROTECTION SYSTEM	14.00	EA	$92.00	$1,288.00
107-1	LITTER REMOVAL	2.48	AC	$23.52	$58.33
107-2	MOWING	2.48	AC	$50.47	$125.17
	Shoulder Component Total				$208,829.51

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	3,000.10	LF	$20.18	$60,542.02
520-5-12	TRAF SEP CONC-TYPE I, 6' WIDE	230.00	LF	$64.85	$14,915.50
570-1-1	PERFORMANCE TURF	890.03	SY	$0.54	$480.62
	Median Component Total				$75,938.14

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	5.11	CY	$1,640.37	$8,382.29
425-1-351	INLETS, CURB, TYPE P-5, <10'	11.00	EA	$5,628.61	$61,914.71
425-1-451	INLETS, CURB, TYPE J-5, <10'	3.00	EA	$7,153.54	$21,460.62
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	160.00	LF	$96.22	$15,395.20
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	48.00	LF	$138.81	$6,662.88
570-1-1	PERFORMANCE TURF	86.37	SY	$0.54	$46.64
	Drainage Component Total				$113,862.34

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	7.00	AS	$358.02	$2,506.14
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,120.28	$1,120.28

700-1-50	SINGLE POST SIGN, RELOCATE	1.00 AS	$367.02	$367.02
700-1-60	SINGLE POST SIGN, REMOVE	7.00 AS	$22.12	$154.84
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00 AS	$4,759.35	$4,759.35
700-2-60	MULTI- POST SIGN, REMOVE	1.00 AS	$393.12	$393.12
	Signing Component Total			$9,300.75

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	4 Lane Mast Arm
Multiplier	1
Description	Signal for WB Kanner at Cove Road

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	750.00	LF	$6.04	$4,530.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00	LF	$18.16	$4,540.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	$14,145.90	$14,145.90
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	16.00	EA	$664.26	$10,628.16
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	$2,741.69	$2,741.69
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00	LF	$3.13	$187.80
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	4.00	EA	$40,933.34	$163,733.36
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	12.00	AS	$1,008.71	$12,104.52
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00	AS	$605.60	$4,844.80
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	12.00	EA	$224.29	$2,691.48
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	12.00	AS	$1,114.85	$13,378.20
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00	EA	$137.61	$1,100.88
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00	AS	$26,046.53	$26,046.53
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00	EA	$853.48	$3,413.92

Signalization 2

Description	Value
Type	6 Lane Mast Arm
Multiplier	1
Description	Signal for EB Kanner at Cove Road

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	700.00	LF	$6.04	$4,228.00

630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	300.00 LF	$18.16	$5,448.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00 PI	$14,145.90	$14,145.90
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	22.00 EA	$664.26	$14,613.72
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00 AS	$2,741.69	$2,741.69
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00 LF	$3.13	$187.80
641-2-11	PREST CNC POLE,F&I,TYP P-II,PEDESTAL	1.00 EA	$869.67	$869.67
649-21-21	STEEL MAST ARM ASSEMBLY, F&I, 78'	6.00 EA	$46,958.02	$281,748.12
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	20.00 AS	$1,008.71	$20,174.20
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	$605.60	$4,844.80
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	20.00 EA	$224.29	$4,485.80
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	20.00 AS	$1,114.85	$22,297.00
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	$137.61	$1,100.88
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00 AS	$26,046.53	$26,046.53
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00 EA	$853.48	$3,413.92
	Signalizations Component Total			$670,433.27

LIGHTING COMPONENT

Conventional Lighting Subcomponent

Description	Value
Spacing	MIN

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,500.05	LF	$6.04	$9,060.30
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	297.74	LF	$18.16	$5,406.96
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	10.00	EA	$664.26	$6,642.60
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	5,478.58	LF	$1.60	$8,765.73
715-4-13	LIGHT POLE COMPLETE, F&I-STD, 40'	10.00	EA	$5,032.28	$50,322.80
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	10.00	EA	$546.25	$5,462.50
	Subcomponent Total				$85,660.89
	Lighting Component Total				$85,660.89

BRIDGES COMPONENT

Bridge 860127

Description	Value
Estimate Type	SF Estimate

Primary Estimate	YES
Length (LF)	182.00
Width (LF)	146.00
Type	Overpass Bridge
Cost Factor	1.00
Structure No.	
Removal of Existing Structures area	9,000.00
Default Cost per SF	$75.00
Factored Cost per SF	$75.00
Final Cost per SF	**$87.79**
Basic Bridge Cost	**$1,992,900.00**
Description	

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	9,000.00	SF	$19.35	$174,150.00
400-2-10	CONC CLASS II, APPROACH SLABS	324.44	CY	$736.22	$238,859.22
415-1-9	REINF STEEL- APPROACH SLABS	56,777.00	LB	$1.78	$101,063.06
	Bridge 860127 Total				$2,506,972.28
	Bridges Component Total				$2,506,972.28

Sequence 12 Total $4,210,275.44

Sequence: 13 WDU - Widen/Resurface, Divided, Urban

Net Length: 0.157 MI / 830 LF

Description: Cover Road Widening

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	55.00 / 55.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.157
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	2.09	AC	$11,073.22	$23,143.03
120-1	REGULAR EXCAVATION	1,170.37	CY	$7.29	$8,532.00
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	1,046.33	CY	$21.19	$22,171.73
	Earthwork Component Total				$53,846.76

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	6
Existing Roadway Pavement Width L/R	22.00 / 22.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	11.00 / 0.00
Widened Inside Pavement Width L/R	11.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	2,504.80	SY	$3.21	$8,040.41
285-709	OPTIONAL BASE,BASE GROUP 09	2,089.80	SY	$25.97	$54,272.11
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	4,057.86	SY	$5.91	$23,981.95
334-1-13	SUPERPAVE ASPHALTIC CONC,	334.77	TN	$109.25	$36,573.62

	TRAFFIC C			
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	278.98 TN	$109.25	$30,478.56
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	162.31 TN	$141.82	$23,018.80
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	167.39 TN	$141.82	$23,739.25

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	106.00	EA	$3.51	$372.06
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.26	GM	$1,046.64	$1,318.77
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	1.26	GM	$336.65	$424.18
	Roadway Component Total				$202,219.72

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	12.25 / 12.25
New Total Outside Shoulder Width L/R	17.25 / 17.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	10.00 / 10.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	830.02	LF	$19.58	$16,251.79
520-1-10	CONCRETE CURB & GUTTER, TYPE F	830.02	LF	$19.58	$16,251.79
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	1,844.48	SY	$41.37	$76,306.14
570-1-1	PERFORMANCE TURF	922.24	SY	$0.54	$498.01

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,660.03	LF	$1.51	$2,506.65
104-11	FLOATING TURBIDITY BARRIER	15.72	LF	$8.94	$140.54
104-12	STAKED TURBIDITY BARRIER-	15.72	LF	$3.71	$58.32

	NYL REINF PVC			
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	$3,122.01	$3,122.01
104-18	INLET PROTECTION SYSTEM	8.00 EA	$92.00	$736.00
107-1	LITTER REMOVAL	1.37 AC	$23.52	$32.22
107-2	MOWING	1.37 AC	$50.47	$69.14
	Shoulder Component Total			$115,972.61

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
570-1-1	PERFORMANCE TURF	492.48	SY	$0.54	$265.94
	Median Component Total				$265.94

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	2.83	CY	$1,640.37	$4,642.25
425-1-351	INLETS, CURB, TYPE P-5, <10'	6.00	EA	$5,628.61	$33,771.66
425-1-451	INLETS, CURB, TYPE J-5, <10'	2.00	EA	$7,153.54	$14,307.08
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	88.00	LF	$96.22	$8,467.36
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	32.00	LF	$138.81	$4,441.92
570-1-1	PERFORMANCE TURF	47.79	SY	$0.54	$25.81
	Drainage Component Total				$65,656.08

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	4.00	AS	$358.02	$1,432.08
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,120.28	$1,120.28
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$367.02	$367.02
700-1-60	SINGLE POST SIGN, REMOVE	4.00	AS	$22.12	$88.48
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$4,759.35	$4,759.35
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$393.12	$393.12

	Signing Component Total	$8,160.33

SIGNALIZATIONS COMPONENT

Signalization 1

Description	**Value**
Type	4 Lane Mast Arm
Multiplier	1
Description	new 4-lane signal at intersection with Kanner Hwy

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	750.00	LF	$6.04	$4,530.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00	LF	$18.16	$4,540.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	$14,145.90	$14,145.90
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	16.00	EA	$664.26	$10,628.16
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	$2,741.69	$2,741.69
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00	LF	$3.13	$187.80
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	4.00	EA	$40,933.34	$163,733.36
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	12.00	AS	$1,008.71	$12,104.52
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00	AS	$605.60	$4,844.80
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	12.00	EA	$224.29	$2,691.48
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	12.00	AS	$1,114.85	$13,378.20
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00	EA	$137.61	$1,100.88
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00	AS	$26,046.53	$26,046.53
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00	EA	$853.48	$3,413.92
	Signalizations Component Total				$264,087.24

Sequence 13 Total	$710,208.68

Date: 3/29/2019 4:48:07 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: KANNER-1-52-01 **Letting Date:** 01/2099

Description: Kanner Highway concept

District: 04 **County:** 89 MARTIN **Market Area:** 11 **Units:** English

Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.947 MI

Project Manager: Min-Tang Li

Version 2 Project Grand Total **$19,441,716.14**

Description: Kanner Highway concept, March 2019 Updates

Project Sequences Subtotal **$15,943,879.08**

102-1	Maintenance of Traffic	12.00 %	$1,913,265.49
101-1	Mobilization	8.00 %	$1,428,571.57

Project Sequences Total **$19,285,716.14**

Project Unknowns	0.00 %	$0.00
Justification for high %:	MOT for DDI construction	
Design/Build	0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-16	PARTNERING (DO NOT BID)	2.00	LS	$3,000.00	$6,000.00
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$150,000.00	$150,000.00

Project Non-Bid Subtotal **$156,000.00**

Version 2 Project Grand Total **$19,441,716.14**

SW High Meadow Avenue

Date: 4/11/2019 2:35:25 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: MEADOW-1-52-01 **Letting Date:** 01/2099

Description: Addition of mast arms at the High Meadow Avenue and Swallowtail Lane

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.200 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$311,767.89**
Description: Addition of mast arms at the High Meadow Avenue and Swallowtail Lane

Sequence: 1 MIS - Miscellaneous Construction **Net Length:** 0.200 MI
1,056 LF

Description: Addition of mast arms at the High Meadow Avenue and Swallowtail Lane

ROADWAY COMPONENT

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
339-1	MISCELLANEOUS ASPHALT PAVEMENT	5.00	TN	$270.00	$1,350.00
536-1-1	GUARDRAIL- ROADWAY, GEN TL-3	50.00	LF	$26.45	$1,322.50
536-73	GUARDRAIL REMOVAL	20.00	LF	$12.50	$250.00
536-85-26	GUARDRAIL END TREATMENT-TYPE CRT	1.00	EA	$2,698.64	$2,698.64

Peripherals Subcomponent

Description	Value
Off Road Bike Path(s)	0
Off Road Bike Path Width L/R	0.00 / 0.00
Bike Path Structural Spread Rate	0
Noise Barrier Wall Length	0.00
Noise Barrier Wall Begin Height	0.00
Noise Barrier Wall End Height	0.00

Roadway Component Total $5,621.14

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	4 Lane Mast Arm
Multiplier	1
Description	Addition of mast arms at the High Meadow Avenue and Swallowtail Lane

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount

630-2-11	CONDUIT, F& I, OPEN TRENCH	750.00 LF	$9.17	$6,877.50
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00 LF	$19.50	$4,875.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00 PI	$8,249.43	$8,249.43
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	16.00 EA	$493.33	$7,893.28
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00 AS	$2,785.53	$2,785.53
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00 LF	$5.83	$349.80
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	3.00 EA	$43,680.82	$131,042.46
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	12.00 AS	$1,275.91	$15,310.92
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00 AS	$27,454.61	$27,454.61
700-5-21	INTERNAL ILLUM SIGN, F&I OM, UP TO 12 SF	3.00 EA	$4,597.95	$13,793.85

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
660-4-11	VEHICLE DETECTION SYSTEM-VIDEO, CABINET	1.00	EA	$12,334.13	$12,334.13
660-4-12	VEHICLE DETECTION SYSTEM-VIDEO, ABOVE G	3.00	EA	$4,448.84	$13,346.52

Signalizations Component Total $244,313.03

Sequence 1 Total $249,934.17

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: MEADOW-1-52-01 **Letting Date:** 01/2099

Description: Addition of mast arms at the High Meadow Avenue and Swallowtail Lane

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.200 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$311,767.89**
Description: Addition of mast arms at the High Meadow Avenue and Swallowtail Lane

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Project Sequences Subtotal			**$249,934.17**
102-1	Maintenance of Traffic	10.00 %	$24,993.42
101-1	Mobilization	8.00 %	$21,994.21
Project Sequences Total			**$296,921.80**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$14,846.09	$14,846.09
Project Non-Bid Subtotal					**$14,846.09**
Version 1-P Project Grand Total					**$311,767.89**

CR 714 / SR 714 / SW Martin Highway

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: MARTIN-3-52-01 **Letting Date:** 01/2099

Description: SW Martin Highway concept

District: 04 **County:** 89 MARTIN **Market Area:** 11 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.737 MI

Project Manager: Min-Tang Li

Version 3 Project Grand Total **$2,902,159.05**
Description: SW Martin Highway 2045 concept, March 2019 Update

Sequence: 1 WUR - Widen/Resurface, Undivided, Rural **Net Length:** 0.157 MI
830 LF

Description: I-95 southbound off-ramp - assume widening for entire ramp

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EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	30.00 / 0.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.157
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.57	AC	$11,073.22	$6,311.74
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	259.74	CY	$21.19	$5,503.89
	Earthwork Component Total				$11,815.63

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	1
Existing Roadway Pavement Width L/R	15.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80

Widened Outside Pavement Width L/R	9.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	2,674.50	SY	$3.21	$8,585.14
285-709	OPTIONAL BASE,BASE GROUP 09	860.45	SY	$25.97	$22,345.89
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	1,383.36	SY	$5.91	$8,175.66
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	114.13	TN	$109.25	$12,468.70
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	114.13	TN	$109.25	$12,468.70
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	55.33	TN	$141.82	$7,846.90
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	68.48	TN	$141.82	$9,711.83

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.63	GM	$1,046.64	$659.38
	Roadway Component Total				$82,262.21

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	6.00 / 6.00
New Total Outside Shoulder Width L/R	8.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Existing Paved Outside Shoulder Width L/R	2.00 / 4.00
New Paved Outside Shoulder Width L/R	4.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	1,352.00	SY	$25.08	$33,908.16
327-70-1	MILLING EXIST ASPH PAVT, 1"	553.34	SY	$3.06	$1,693.22

	AVG DEPTH			
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	71.01 TN	$109.25	$7,757.84
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	51.65 TN	$141.82	$7,325.00
570-1-1	PERFORMANCE TURF	368.90 SY	$0.54	$199.21

Erosion Control

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,909.04 LF	$1.51	$2,882.65
104-11	FLOATING TURBIDITY BARRIER	15.72 LF	$8.94	$140.54
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	15.72 LF	$3.71	$58.32
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	$3,122.01	$3,122.01
104-18	INLET PROTECTION SYSTEM	1.00 EA	$92.00	$92.00
107-1	LITTER REMOVAL	0.38 AC	$23.52	$8.94
107-2	MOWING	0.38 AC	$50.47	$19.18
	Shoulder Component Total			$57,207.07

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	2.83 CY	$1,640.37	$4,642.25
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	24.00 LF	$89.98	$2,159.52
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	16.00 LF	$138.81	$2,220.96
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	2.00 EA	$3,420.37	$6,840.74
570-1-1	PERFORMANCE TURF	63.51 SY	$0.54	$34.30
	Drainage Component Total			$15,897.77

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00 AS	$358.02	$358.02
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	4.00 AS	$1,120.28	$4,481.12
700-1-50	SINGLE POST SIGN, RELOCATE	1.00 AS	$367.02	$367.02
700-1-60	SINGLE POST SIGN, REMOVE	4.00 AS	$22.12	$88.48
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	1.00 AS	$3,661.21	$3,661.21
700-2-60	MULTI- POST SIGN, REMOVE	1.00 AS	$393.12	$393.12
	Signing Component Total			$9,348.97

Sequence 1 Total	$176,531.65

Sequence: 2 WUR - Widen/Resurface, Undivided, Rural **Net Length:** 0.114 MI 600 LF

Description: I-95 northbound on-ramp - assume widening for entire ramp

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	30.00 / 0.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.114
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.41	AC	$11,073.22	$4,540.02
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	188.60	CY	$21.19	$3,996.43
	Earthwork Component Total				$8,536.45

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	1
Existing Roadway Pavement Width L/R	15.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	9.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	1,932.71	SY	$3.21	$6,204.00
285-709	OPTIONAL BASE,BASE GROUP 09	621.80	SY	$25.97	$16,148.15
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	999.68	SY	$5.91	$5,908.11
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	82.47	TN	$109.25	$9,009.85
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	82.47	TN	$109.25	$9,009.85
337-7-83	ASPH CONC FC,TRAFFIC C,FC-	39.99	TN	$141.82	$5,671.38

	12.5,PG 76-22			
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	49.48 TN	$141.82	$7,017.25

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.45 GM	$1,046.64	$470.99
	Roadway Component Total			$59,439.58

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	6.00 / 6.00
New Total Outside Shoulder Width L/R	8.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Existing Paved Outside Shoulder Width L/R	2.00 / 4.00
New Paved Outside Shoulder Width L/R	4.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	977.02 SY	$25.08	$24,503.66
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	399.87 SY	$3.06	$1,223.60
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	51.32 TN	$109.25	$5,606.71
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	37.32 TN	$141.82	$5,292.72
570-1-1	PERFORMANCE TURF	266.58 SY	$0.54	$143.95

Erosion Control

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,379.56 LF	$1.51	$2,083.14
104-11	FLOATING TURBIDITY BARRIER	11.36 LF	$8.94	$101.56
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	11.36 LF	$3.71	$42.15
104-15	SOIL TRACKING PREVENTION	1.00 EA	$3,122.01	$3,122.01

	DEVICE			
104-18	INLET PROTECTION SYSTEM	1.00 EA	$92.00	$92.00
107-1	LITTER REMOVAL	0.27 AC	$23.52	$6.35
107-2	MOWING	0.27 AC	$50.47	$13.63
	Shoulder Component Total			$42,231.48

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	2.04 CY	$1,640.37	$3,346.35
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	24.00 LF	$89.98	$2,159.52
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	8.00 LF	$138.81	$1,110.48
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	2.00 EA	$3,420.37	$6,840.74
570-1-1	PERFORMANCE TURF	45.89 SY	$0.54	$24.78
	Drainage Component Total			$13,481.87

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00 AS	$358.02	$358.02
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	3.00 AS	$1,120.28	$3,360.84
700-1-50	SINGLE POST SIGN, RELOCATE	1.00 AS	$367.02	$367.02
700-1-60	SINGLE POST SIGN, REMOVE	3.00 AS	$22.12	$66.36
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	1.00 AS	$3,661.21	$3,661.21
700-2-60	MULTI- POST SIGN, REMOVE	1.00 AS	$393.12	$393.12
	Signing Component Total			$8,206.57

Sequence 2 Total $131,895.95

Sequence: 3 WUR - Widen/Resurface, Undivided, Rural **Net Length:** 0.118 MI 625 LF

Description: I-95 southbound on-ramp - assume widening for entire ramp

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	30.00 / 0.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.118
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.43	AC	$11,073.22	$4,761.48
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	195.22	CY	$21.19	$4,136.71
	Earthwork Component Total				$8,898.19

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	1
Existing Roadway Pavement Width L/R	15.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	9.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	2,014.38	SY	$3.21	$6,466.16
285-709	OPTIONAL BASE,BASE GROUP 09	648.07	SY	$25.97	$16,830.38
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	1,041.92	SY	$5.91	$6,157.75
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	85.96	TN	$109.25	$9,391.13
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	85.96	TN	$109.25	$9,391.13
337-7-83	ASPH CONC FC,TRAFFIC C,FC-	41.68	TN	$141.82	$5,911.06

	12.5,PG 76-22			
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	51.58 TN	$141.82	$7,315.08

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.47	GM	$1,046.64	$491.92

Roadway Component Total $61,954.61

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	6.00 / 6.00
New Total Outside Shoulder Width L/R	8.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Existing Paved Outside Shoulder Width L/R	2.00 / 4.00
New Paved Outside Shoulder Width L/R	4.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	1,018.30	SY	$25.08	$25,538.96
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	416.77	SY	$3.06	$1,275.32
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	53.49	TN	$109.25	$5,843.78
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	38.90	TN	$141.82	$5,516.80
570-1-1	PERFORMANCE TURF	277.85	SY	$0.54	$150.04

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,437.85	LF	$1.51	$2,171.15
104-11	FLOATING TURBIDITY BARRIER	11.84	LF	$8.94	$105.85
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	11.84	LF	$3.71	$43.93
104-15	SOIL TRACKING PREVENTION	1.00	EA	$3,122.01	$3,122.01

	DEVICE			
104-18	INLET PROTECTION SYSTEM	1.00 EA	$92.00	$92.00
107-1	LITTER REMOVAL	0.29 AC	$23.52	$6.82
107-2	MOWING	0.29 AC	$50.47	$14.64
	Shoulder Component Total			$43,881.30

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	2.13 CY	$1,640.37	$3,493.99
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	24.00 LF	$89.98	$2,159.52
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	8.00 LF	$138.81	$1,110.48
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	2.00 EA	$3,420.37	$6,840.74
570-1-1	PERFORMANCE TURF	47.83 SY	$0.54	$25.83
	Drainage Component Total			$13,630.56

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00 AS	$358.02	$358.02
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	3.00 AS	$1,120.28	$3,360.84
700-1-50	SINGLE POST SIGN, RELOCATE	1.00 AS	$367.02	$367.02
700-1-60	SINGLE POST SIGN, REMOVE	3.00 AS	$22.12	$66.36
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	1.00 AS	$3,661.21	$3,661.21
700-2-60	MULTI- POST SIGN, REMOVE	1.00 AS	$393.12	$393.12
	Signing Component Total			$8,206.57

Sequence 3 Total $136,571.23

Sequence: 4 WUR - Widen/Resurface, Undivided, Rural **Net Length:** 0.126 MI
665 LF

Description: I-95 northbound off-ramp - assume resurfacing for entire ramp plus new shoulders

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	15.00 / 10.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.126
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.38	AC	$11,073.22	$4,207.82
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	94.86	CY	$21.19	$2,010.08
	Earthwork Component Total				$6,217.90

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	1
Existing Roadway Pavement Width L/R	12.00 / 12.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	1,477.23	SY	$3.21	$4,741.91
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	1,772.67	SY	$5.91	$10,476.48
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	146.25	TN	$109.25	$15,977.81
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	70.91	TN	$141.82	$10,056.46

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.50	GM	$1,046.64	$523.32
	Roadway Component Total				$41,775.98

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	6.00 / 6.00
New Total Outside Shoulder Width L/R	8.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Existing Paved Outside Shoulder Width L/R	2.00 / 4.00
New Paved Outside Shoulder Width L/R	4.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	1,082.81	SY	$25.08	$27,156.87
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	443.17	SY	$3.06	$1,356.10
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	56.87	TN	$109.25	$6,213.05
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	41.36	TN	$141.82	$5,865.68
570-1-1	PERFORMANCE TURF	295.45	SY	$0.54	$159.54

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,528.93	LF	$1.51	$2,308.68
104-11	FLOATING TURBIDITY BARRIER	12.59	LF	$8.94	$112.55
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	12.59	LF	$3.71	$46.71
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,122.01	$3,122.01
104-18	INLET PROTECTION SYSTEM	1.00	EA	$92.00	$92.00
107-1	LITTER REMOVAL	0.30	AC	$23.52	$7.06
107-2	MOWING	0.30	AC	$50.47	$15.14

	Shoulder Component Total	$46,455.39

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	2.27	CY	$1,640.37	$3,723.64
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	24.00	LF	$89.98	$2,159.52
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	16.00	LF	$138.81	$2,220.96
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	2.00	EA	$3,420.37	$6,840.74
570-1-1	PERFORMANCE TURF	50.86	SY	$0.54	$27.46
	Drainage Component Total				$14,972.32

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$358.02	$358.02
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	3.00	AS	$1,120.28	$3,360.84
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$367.02	$367.02
700-1-60	SINGLE POST SIGN, REMOVE	3.00	AS	$22.12	$66.36
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	1.00	AS	$3,661.21	$3,661.21
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$393.12	$393.12
	Signing Component Total				$8,206.57

Sequence 4 Total	$117,628.16

Sequence: 5 RSU - Resurfacing, Undivided **Net Length:** 0.758 MI
4,000 LF

Description: mill and resurface the existing EB and WB 2-lane sections on SW Martin Highway

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	4
Roadway Pavement Width L/R	24.00 / 24.00
Structural Spread Rate	165
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	21,334.02	SY	$5.91	$126,084.06
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,760.06	TN	$109.25	$192,286.56
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	1,760.06	TN	$141.82	$249,611.71

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	3

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	511.00	EA	$3.51	$1,793.61
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	3.03	GM	$1,046.64	$3,171.32
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	4.55	GM	$819.79	$3,730.04
	Roadway Component Total				$576,677.30

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	10.00 / 10.00
Total Outside Shoulder Perf. Turf Width L/R	3.00 / 3.00
Paved Outside Shoulder Width L/R	7.00 / 7.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	6,222.42	SY	$3.06	$19,040.61
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	342.23	TN	$109.25	$37,388.63
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	23.47	TN	$141.82	$3,328.52
570-1-1	PERFORMANCE TURF	2,666.75	SY	$0.54	$1,440.04

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-11	FLOATING TURBIDITY BARRIER	75.76	LF	$8.94	$677.29
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	75.76	LF	$3.71	$281.07
104-18	INLET PROTECTION SYSTEM	2.00	EA	$92.00	$184.00
107-1	LITTER REMOVAL	1.83	AC	$23.52	$43.04
107-2	MOWING	1.83	AC	$50.47	$92.36
	Shoulder Component Total				$62,475.57

Sequence 5 Total $639,152.87

Sequence: 6 WDU - Widen/Resurface, Divided, Urban **Net Length:** 0.364 MI
1,920 LF

Description: Widen existing 3-lane sections to 4-lanes along EB and WB SW Martin Highway

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	15.00 / 0.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.364
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.66	AC	$11,073.22	$7,308.33
120-1	REGULAR EXCAVATION	2,898.54	CY	$7.29	$21,130.36
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	7,606.53	CY	$21.19	$161,182.37
	Earthwork Component Total				$189,621.06

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	6
Existing Roadway Pavement Width L/R	36.00 / 36.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	6.00 / 6.00
Widened Inside Pavement Width L/R	6.00 / 6.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	7,320.87	SY	$3.21	$23,499.99
285-709	OPTIONAL BASE,BASE GROUP 09	5,401.06	SY	$25.97	$140,265.53
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	15,358.46	SY	$5.91	$90,768.50
334-1-13	SUPERPAVE ASPHALTIC CONC,	1,267.07	TN	$109.25	$138,427.40

	TRAFFIC C			
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	703.93 TN	$109.25	$76,904.35
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	614.34 TN	$141.82	$87,125.70
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	422.36 TN	$141.82	$59,899.10

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	245.00	EA	$3.51	$859.95
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	2.91	GM	$1,046.64	$3,045.72
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	2.91	GM	$336.65	$979.65
	Roadway Component Total				$621,775.89

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	3.25 / 10.25
New Total Outside Shoulder Width L/R	13.25 / 17.25
Total Outside Shoulder Perf. Turf Width L/R	1.00 / 5.00
Sidewalk Width L/R	10.00 / 10.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,919.81	LF	$19.58	$37,589.88
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	4,266.24	SY	$41.37	$176,494.35
570-1-1	PERFORMANCE TURF	1,279.87	SY	$0.54	$691.13

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	3,839.62	LF	$1.51	$5,797.83
104-11	FLOATING TURBIDITY BARRIER	36.36	LF	$8.94	$325.06
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	36.36	LF	$3.71	$134.90
104-15	SOIL TRACKING PREVENTION	1.00	EA	$3,122.01	$3,122.01

	DEVICE			
104-18	INLET PROTECTION SYSTEM	17.00 EA	$92.00	$1,564.00
107-1	LITTER REMOVAL	3.17 AC	$23.52	$74.56
107-2	MOWING	3.17 AC	$50.47	$159.99
	Shoulder Component Total			$225,953.71

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
570-1-1	PERFORMANCE TURF	1,139.09	SY	$0.54	$615.11
	Median Component Total				$615.11

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	6.54	CY	$1,640.37	$10,728.02
425-1-351	INLETS, CURB, TYPE P-5, <10'	14.00	EA	$5,628.61	$78,800.54
425-1-451	INLETS, CURB, TYPE J-5, <10'	4.00	EA	$7,153.54	$28,614.16
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	200.00	LF	$96.22	$19,244.00
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	64.00	LF	$138.81	$8,883.84
570-1-1	PERFORMANCE TURF	110.53	SY	$0.54	$59.69
	Drainage Component Total				$146,330.25

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	8.00	AS	$358.02	$2,864.16
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,120.28	$1,120.28
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$367.02	$367.02
700-1-60	SINGLE POST SIGN, REMOVE	8.00	AS	$22.12	$176.96
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$4,759.35	$4,759.35
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$393.12	$393.12
	Signing Component Total				$9,680.89

Sequence 6 Total	$1,193,976.91

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: MARTIN-3-52-01 **Letting Date:** 01/2099

Description: SW Martin Highway concept

District: 04 **County:** 89 MARTIN **Market Area:** 11 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.737 MI

Project Manager: Min-Tang Li

Version 3 Project Grand Total **$2,902,159.05**
Description: SW Martin Highway 2045 concept, March 2019 Update

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Project Sequences Subtotal			**$2,395,756.77**
102-1	Maintenance of Traffic	10.00 %	$239,575.68
101-1	Mobilization	8.00 %	$210,826.60
Project Sequences Total			**$2,846,159.05**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-16	PARTNERING (DO NOT BID)	2.00	LS	$3,000.00	$6,000.00
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$50,000.00	$50,000.00
Project Non-Bid Subtotal					**$56,000.00**
Version 3 Project Grand Total					**$2,902,159.05**

Becker Road

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: BECKER-1-52-01 **Letting Date:** 01/2099

Description: Becker Road at I-95 Intersection Project.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 1.006 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$18,082,346.19**
Description: Long Term (2045) LRE for Becker Road from Village Parkway Drive to west of Hallmark Street.

Sequence: 1 NDU - New Construction, Divided, Urban **Net Length:** 1.220 MI
6,442 LF
Description: Long Term (2045) LRE for Becker Road from Village Parkway Drive to west of Hallmark Street.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	30.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	1.220
Top of Structural Course For Begin Section	103.00
Top of Structural Course For End Section	103.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	8.87	AC	$20,791.06	$184,416.70
120-6	EMBANKMENT	63,647.78	CY	$15.00	$954,716.70
	Earthwork Component Total				$1,139,133.40

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Roadway Pavement Width L/R	12.00 / 12.00
Structural Spread Rate	330
Friction Course Spread Rate	110

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	24,563.97	SY	$11.79	$289,609.21
285-709	OPTIONAL BASE,BASE GROUP 09	17,177.60	SY	$57.59	$989,257.98
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	944.77	TN	$281.13	$265,603.19

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-4-10	REMOVAL OF EXIST CONC	24,467.00	SY	$40.89	$1,000,455.63
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	114,359.00	SY	$7.76	$887,425.84
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	6,290.00	TN	$230.27	$1,448,398.30
	Comment: quantity based on assumed 1" of structural course for milling areas				
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	6,290.00	TN	$281.13	$1,768,307.70
	Comment: quantity based on assumed 1" of friction course for milling areas				
339-1	MISCELLANEOUS ASPHALT PAVEMENT	122.00	TN	$270.00	$32,940.00
536-1-1	GUARDRAIL- ROADWAY, GEN TL-3	737.00	LF	$26.16	$19,279.92
536-73	GUARDRAIL REMOVAL	2,640.00	LF	$12.50	$33,000.00

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	165.00	EA	$7.25	$1,196.25
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	4.88	GM	$1,257.90	$6,138.55
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	4.88	GM	$3,995.23	$19,496.72
	Roadway Component Total				$6,761,109.29

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	12.25 / 12.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	5.00 / 5.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	14,054.00	SY	$11.79	$165,696.66
285-701	OPTIONAL BASE,BASE GROUP 01	14,054.00	SY	$16.30	$229,080.20
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	2,319.00	TN	$230.27	$533,996.13
520-1-10	CONCRETE CURB & GUTTER, TYPE F	27,780.00	LF	$23.50	$652,830.00
	Comment: Type F C&G for the entire project				
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	17,058.00	SY	$43.00	$733,494.00
	Comment: Includes s/w for the entire project				
536-85-28	GUARDRAIL END TREAT- DBL TRAIL AN	4.00	EA	$1,144.01	$4,576.04

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-18	INLET PROTECTION SYSTEM	63.00	EA	$32.50	$2,047.50
107-1	LITTER REMOVAL	31.05	AC	$28.28	$878.09
107-2	MOWING	31.05	AC	$55.39	$1,719.86
	Shoulder Component Total				$2,324,318.48

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	6.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
570-1-1	PERFORMANCE TURF	4,294.40	SY	$3.02	$12,969.09

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-70	CONCRETE TRAFFIC SEPARATOR, SP- VAR WIDT	1,236.00	SY	$94.85	$117,234.60
	Median Component Total				$130,203.69

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	21.96	CY	$2,287.37	$50,230.65
425-1-351	INLETS, CURB, TYPE P-5, <10'	44.00	EA	$5,500.00	$242,000.00
425-1-451	INLETS, CURB, TYPE J-5, <10'	13.00	EA	$11,699.08	$152,088.04
425-1-521	INLETS, DT BOT, TYPE C, <10'	7.00	EA	$4,974.30	$34,820.10

425-2-41	MANHOLES, P-7, <10'	7.00 EA	$5,000.00	$35,000.00
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	3,232.00 LF	$121.33	$392,138.56
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	288.00 LF	$167.52	$48,245.76
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	6,104.00 LF	$167.24	$1,020,832.96
570-1-1	PERFORMANCE TURF	370.88 SY	$3.02	$1,120.06
	Drainage Component Total			$1,976,476.13

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	30.00 AS	$332.50	$9,975.00
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	3.00 AS	$1,175.00	$3,525.00

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-60	SINGLE POST SIGN, REMOVE	33.00 AS	$14.00	$462.00
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	4.00 AS	$4,150.00	$16,600.00
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	4.00 AS	$8,337.36	$33,349.44
700-2-60	MULTI- POST SIGN, REMOVE	8.00 AS	$765.00	$6,120.00
	Signing Component Total			$70,031.44

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	4 Lane Mast Arm
Multiplier	3
Description	Includes signals west of the bridge, east of the bridge and at Village Parkway Drive.

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	5,400.00 LF	$9.10	$49,140.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	3,000.00 LF	$19.50	$58,500.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	9.00 PI	$8,274.69	$74,472.21
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	96.00 EA	$493.33	$47,359.68
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	6.00 AS	$2,707.42	$16,244.52
639-2-1	ELECTRICAL SERVICE WIRE, F&I	600.00 LF	$5.74	$3,444.00
649-21-8	STEEL MAST ARM ASSEMBLY,	24.00 EA	$50,752.91	$1,218,069.84

	F&I, 50'- 40'				
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	48.00	AS	$1,281.81	$61,526.88
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	48.00	AS	$723.60	$34,732.80
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	9.00	AS	$26,002.96	$234,026.64
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	24.00	EA	$333.61	$8,006.64
700-5-21	INTERNAL ILLUM SIGN, F&I OM, UP TO 12 SF	24.00	EA	$4,519.99	$108,479.76

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
660-4-11	VEHICLE DETECTION SYSTEM-VIDEO, CABINET	9.00	EA	$11,725.20	$105,526.80
660-4-12	VEHICLE DETECTION SYSTEM-VIDEO, ABOVE G	24.00	EA	$4,033.90	$96,813.60

Signalizations Component Total $2,116,343.37

LIGHTING COMPONENT

Conventional Lighting Subcomponent

Description	Value
Spacing	MIN

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	6,441.60	LF	$9.10	$58,618.56
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	1,278.56	LF	$19.50	$24,931.92
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	43.00	EA	$493.33	$21,213.19
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	23,526.48	LF	$2.87	$67,521.00
715-4-13	LIGHT POLE COMPLETE, F&I-STD, 40'	43.00	EA	$7,193.30	$309,311.90
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	43.00	EA	$549.72	$23,637.96
	Subcomponent Total				$505,234.53

Lighting Component Total $505,234.53

Sequence 1 Total $15,022,850.33

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: BECKER-1-52-01 **Letting Date:** 01/2099

Description: Becker Road at I-95 Intersection Project.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 1.006 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$18,082,346.19**
Description: Long Term (2045) LRE for Becker Road from Village Parkway Drive to west of Hallmark Street.

Project Sequences Subtotal			**$15,022,850.33**
102-1	Maintenance of Traffic	10.00 %	$1,502,285.03
101-1	Mobilization	8.00 %	$1,322,010.83
Project Sequences Total			**$17,847,146.19**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-16	PARTNERING (DO NOT BID)	1.00	LS	$6,000.00	$6,000.00
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$150,000.00	$150,000.00
999-20-1	DISPUTES REVIEW BD, MEETING-DO NOT BID	24	DA	$3,300.00	$79,200.00
Project Non-Bid Subtotal					**$235,200.00**
Version 1-P Project Grand Total					**$18,082,346.19**

Becker Road

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: BECKER-1-52-01 **Letting Date:** 01/2099

Description: Becker Road at I-95 Intersection Project.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 1.006 MI

Project Manager: Min-Tang Li

Version 3 Project Grand Total **$4,437,610.45**

Description: Long Term (2045) LRE for Becker Road from west of Hallmark Street to SW Edinburgh Drive. Includes addition of eastbound and westbound thru lanes along Becker Road from west of Hallmark Street to SW Edinburgh Drive

Sequence: 1 WDU - Widen/Resurface, Divided, Urban **Net Length:** 0.488 MI
2,577 LF

Description: Long Term (2045) LRE for Becker Road from west of Hallmark Street to SW Edinburgh Drive.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	25.00 / 25.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.488
Top of Structural Course For Begin Section	103.00
Top of Structural Course For End Section	103.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	2.96 AC	$20,174.38	$59,716.16
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	8,611.70 CY	$45.92	$395,449.26
	Earthwork Component Total			$455,165.43

ROADWAY COMPONENT

User Input Data

Description	Value

Number of Lanes	6
Existing Roadway Pavement Width L/R	24.00 / 24.00
Structural Spread Rate	110
Friction Course Spread Rate	110
Widened Outside Pavement Width L/R	18.00 / 18.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	330
Widened Friction Course Spread Rate	110

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	11,783.83	SY	$11.79	$138,931.36
285-709	OPTIONAL BASE,BASE GROUP 09	10,495.51	SY	$57.59	$604,436.42
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	13,742.08	SY	$7.76	$106,638.54
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	755.81	TN	$230.27	$174,040.37
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,700.58	TN	$230.27	$391,592.56
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	755.81	TN	$281.13	$212,480.87
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	566.86	TN	$281.13	$159,361.35

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	2,204.00	SY	$7.42	$16,353.68
	Comment: for Hallmark Street M&R				
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	121.00	TN	$306.32	$37,064.72
	Comment: for Hallmark Street M&R				
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.40	GM	$1,257.90	$503.16

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	329.00	EA	$7.25	$2,385.25
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.95	GM	$1,257.90	$2,452.91
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	1.95	GM	$500.00	$975.00
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	1.95	GM	$3,995.23	$7,790.70

711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	1.95 GM	$1,545.43	$3,013.59
	Roadway Component Total			$1,858,020.46

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	12.25 / 12.25
New Total Outside Shoulder Width L/R	13.25 / 13.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	6.00 / 6.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	2,576.64	LF	$23.50	$60,551.04
520-1-10	CONCRETE CURB & GUTTER, TYPE F	2,576.64	LF	$23.50	$60,551.04
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	3,435.52	SY	$43.00	$147,727.36
570-1-1	PERFORMANCE TURF	2,862.93	SY	$3.02	$8,646.05

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	4,201.00	SY	$11.79	$49,529.79
285-701	OPTIONAL BASE,BASE GROUP 01	4,201.00	SY	$16.30	$68,476.30
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	693.00	TN	$230.27	$159,577.11

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-18	INLET PROTECTION SYSTEM	23.00	EA	$32.50	$747.50
107-1	LITTER REMOVAL	4.26	AC	$28.28	$120.47
107-2	MOWING	4.26	AC	$55.39	$235.96
	Shoulder Component Total				$556,162.63

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
570-1-1	PERFORMANCE TURF	1,528.81	SY	$3.02	$4,617.01

	Median Component Total	$4,617.01

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	8.78	CY	$2,287.37	$20,083.11
425-1-351	INLETS, CURB, TYPE P-5, <10'	18.00	EA	$5,500.00	$99,000.00
425-1-451	INLETS, CURB, TYPE J-5, <10'	5.00	EA	$11,699.08	$58,495.40
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	272.00	LF	$121.33	$33,001.76
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	80.00	LF	$167.52	$13,401.60
570-1-1	PERFORMANCE TURF	148.35	SY	$3.02	$448.02
	Drainage Component Total				$224,429.89

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	11.00	AS	$332.50	$3,657.50
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,175.00	$1,175.00
700-1-60	SINGLE POST SIGN, REMOVE	12.00	AS	$14.00	$168.00
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	2.00	AS	$4,150.00	$8,300.00
700-2-60	MULTI- POST SIGN, REMOVE	2.00	AS	$765.00	$1,530.00
	Signing Component Total				$14,830.50

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	6 Lane Mast Arm
Multiplier	1
Description	

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	700.00	LF	$9.10	$6,370.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	300.00	LF	$19.50	$5,850.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	$8,249.43	$8,249.43
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	22.00	EA	$493.33	$10,853.26
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	$2,786.48	$2,786.48
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00	LF	$5.83	$349.80
641-2-11	PREST CNC POLE,F&I,TYP P-	1.00	EA	$1,411.90	$1,411.90

	II,PEDESTAL			
649-21-13	STEEL MAST ARM ASSEMBLY, F&I, 60'- 50'	2.00 EA	$58,822.32	$117,644.64
649-21-21	STEEL MAST ARM ASSEMBLY, F&I, 78'	2.00 EA	$53,545.03	$107,090.06
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	20.00 AS	$1,275.91	$25,518.20
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	$742.66	$5,941.28
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	$315.00	$2,520.00
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00 AS	$27,454.61	$27,454.61
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00 EA	$379.12	$1,516.48

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
660-3-12	VEHICLE DETECTION SYSTEM-MICRO,F&I, ABO	4.00	EA	$8,868.95	$35,475.80
660-4-11	VEHICLE DETECTION SYSTEM-VIDEO, CABINET	1.00	EA	$12,334.13	$12,334.13

Signalizations Component Total $371,366.07

LIGHTING COMPONENT

Conventional Lighting Subcomponent

Description	Value
Spacing	MIN

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	2,576.64	LF	$9.10	$23,447.42
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	511.42	LF	$19.50	$9,972.69
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	18.00	EA	$493.33	$8,879.94
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	9,410.59	LF	$2.87	$27,008.39
715-4-13	LIGHT POLE COMPLETE, F&I-STD, 40'	18.00	EA	$7,193.30	$129,479.40
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	18.00	EA	$549.72	$9,894.96
	Subcomponent Total				$208,682.81

Lighting Component Total $208,682.80

Sequence 1 Total $3,693,274.79

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: BECKER-1-52-01 **Letting Date:** 01/2099

Description: Becker Road at I-95 Intersection Project.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 1.006 MI

Project Manager: Min-Tang Li

Version 3 Project Grand Total **$4,437,610.45**

Description: Long Term (2045) LRE for Becker Road from west of Hallmark Street to SW Edinburgh Drive. Includes addition of eastbound and westbound thru lanes along Becker Road from west of Hallmark Street to SW Edinburgh Drive

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Project Sequences Subtotal			**$3,693,274.79**
102-1	Maintenance of Traffic	10.00 %	$369,327.48
101-1	Mobilization	8.00 %	$325,008.18
Project Sequences Total			**$4,387,610.45**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$50,000.00	$50,000.00
Project Non-Bid Subtotal					**$50,000.00**
Version 3 Project Grand Total					**$4,437,610.45**

Tradition Parkway / Gatlin Blvd.

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: GATLIN-1-99-01 **Letting Date:** 01/2099

Description: I95/Gatlin Blvd DDI

District: 04 **County:** 94 ST. LUCIE **Market Area:** 11 **Units:** English

Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 1.600 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$28,734,746.75**

Description: I95/Gatlin Blvd DDI and Park & Ride Facility

Sequence: 1 WDU - Widen/Resurface, Divided, Urban **Net Length:** 0.320 MI
1,690 LF

Description: Gatlin Blvd. From Village Pkwy to I95 SB Ramps

Special Conditions: Mill and resurface 8-Lane road. Widen EB 19-ft and WB 19-ft.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	40.00 / 50.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.320
Top of Structural Course For Begin Section	103.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	3.49	AC	$14,621.42	$51,028.76
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	30,944.71	CY	$12.06	$373,193.20
	Earthwork Component Total				$424,221.96

ROADWAY COMPONENT

User Input Data

Description	Value

Number of Lanes	8
Existing Roadway Pavement Width L/R	48.00 / 48.00
Structural Spread Rate	110
Friction Course Spread Rate	110
Widened Outside Pavement Width L/R	19.00 / 19.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	110

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	8,102.57	SY	$8.15	$66,035.95
285-709	OPTIONAL BASE,BASE GROUP 09	7,257.77	SY	$16.58	$120,333.83
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	18,022.40	SY	$5.91	$106,512.38
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	991.23	TN	$99.97	$99,093.26
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	980.91	TN	$99.97	$98,061.57
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	991.23	TN	$250.88	$248,679.78
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	392.36	TN	$250.88	$98,435.28

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
711-11-103	THERMOPLASTIC, STD, WHITE, SOLID, 12"	0.11	GM	$6,338.33	$697.22
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	287.00	LF	$3.82	$1,096.34
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE	18.00	EA	$99.91	$1,798.38
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	18.00	EA	$71.34	$1,284.12

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	6

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	302.00	EA	$3.77	$1,138.54
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	1.28	GM	$5,203.75	$6,660.80
711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	1.92	GM	$1,407.70	$2,702.78
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	1.28	GM	$5,134.92	$6,572.70

	Roadway Component Total	$859,102.92

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 12.25
New Total Outside Shoulder Width L/R	30.25 / 46.25
Total Outside Shoulder Perf. Turf Width L/R	18.00 / 34.00
Sidewalk Width L/R	10.00 / 10.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,689.60	LF	$22.48	$37,982.21
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,689.60	LF	$22.48	$37,982.21
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	3,754.67	SY	$41.04	$154,091.66
570-1-1	PERFORMANCE TURF	9,762.13	SY	$1.62	$15,814.65

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	3,379.20	LF	$1.60	$5,406.72
104-11	FLOATING TURBIDITY BARRIER	2,000.00	LF	$9.86	$19,720.00
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	32.00	LF	$5.65	$180.80
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,019.35	$3,019.35
104-18	INLET PROTECTION SYSTEM	15.00	EA	$111.87	$1,678.05
107-1	LITTER REMOVAL	2.79	AC	$27.89	$77.81
107-2	MOWING	2.79	AC	$50.07	$139.70

	Shoulder Component Total	$276,093.16

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	30.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	3,379.20	LF	$21.03	$71,064.58
520-5-11	TRAF SEP CONC-TYPE I, 4' WIDE	270.00	LF	$40.36	$10,897.20
570-1-1	PERFORMANCE TURF	1,002.50	SY	$1.62	$1,624.05

	Median Component Total	$83,585.83

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	5.76	CY	$1,640.37	$9,448.53
425-1-351	INLETS, CURB, TYPE P-5, <10'	12.00	EA	$5,078.02	$60,936.24
425-1-451	INLETS, CURB, TYPE J-5, <10'	4.00	EA	$9,616.17	$38,464.68
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	176.00	LF	$103.02	$18,131.52
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	56.00	LF	$122.44	$6,856.64
570-1-1	PERFORMANCE TURF	97.28	SY	$1.62	$157.59
	Drainage Component Total				$133,995.20

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	8.00	AS	$444.33	$3,554.64
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,108.73	$1,108.73
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$236.98	$236.98
700-1-60	SINGLE POST SIGN, REMOVE	8.00	AS	$24.01	$192.08
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$3,577.16	$3,577.16
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$376.34	$376.34

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-3-206	SIGN PANEL, F&I OM, 101-200 SF	2.00	EA	$7,901.48	$15,802.96
700-3-207	SIGN PANEL, F&I OM, 201-300 SF	1.00	EA	$6,479.61	$6,479.61
700-4-125	OH STATIC SIGN STR, F&I, S 51-100 FT	1.00	EA	$128,556.98	$128,556.98
	Comment: Gatlin Blvd. EB				
	Signing Component Total				$159,885.48

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	6 Lane Mast Arm
Multiplier	1
Description	Gatlin Blvd./Village Pkwy Intersection

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	700.00	LF	$7.97	$5,579.00

630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	300.00 LF	$18.34	$5,502.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00 PI	$4,612.97	$4,612.97
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	22.00 EA	$697.32	$15,341.04
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00 AS	$2,741.69	$2,741.69
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00 LF	$2.73	$163.80
641-2-11	PREST CNC POLE,F&I,TYP P-II,PEDESTAL	2.00 EA	$1,038.67	$2,077.34
649-21-21	STEEL MAST ARM ASSEMBLY, F&I, 78'	2.00 EA	$46,958.02	$93,916.04
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	20.00 AS	$975.52	$19,510.40
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	$639.22	$5,113.76
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	20.00 EA	$224.29	$4,485.80
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	20.00 AS	$1,114.85	$22,297.00
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	$144.27	$1,154.16
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00 AS	$26,550.76	$26,550.76
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00 EA	$287.75	$1,151.00
	Signalizations Component Total			$210,196.76

LIGHTING COMPONENT

Conventional Lighting Subcomponent

Description	**Value**
Spacing	MIN

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,689.60	LF	$7.97	$13,466.11
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	335.36	LF	$18.34	$6,150.50
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	12.00	EA	$697.32	$8,367.84
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	6,170.88	LF	$1.42	$8,762.65
715-4-13	LIGHT POLE COMPLETE, F&I-STD, 40'	12.00	EA	$7,083.33	$84,999.96
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	12.00	EA	$729.64	$8,755.68
	Subcomponent Total				$130,502.74
	Lighting Component Total				$130,502.74

Sequence 1 Total $2,277,584.05

Sequence: 2 WDU - Widen/Resurface, Divided, Urban **Net Length:** 0.184 MI 970 LF

Description: Gatlin Blvd. From I95 SB Ramps to I95 NB Ramps
Special Conditions: Mill and resurface existing 6 Lane. Widen 31-ft WB and 31-ft EB

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	25.00 / 25.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.184
Top of Structural Course For Begin Section	104.00
Top of Structural Course For End Section	104.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.12 AC	$14,621.42	$16,375.99
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	14,070.49 CY	$12.06	$169,690.11
	Earthwork Component Total			$186,066.10

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	10
Existing Roadway Pavement Width L/R	36.00 / 36.00
Structural Spread Rate	110
Friction Course Spread Rate	110
Widened Outside Pavement Width L/R	31.00 / 31.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	110

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	7,237.88 SY	$8.15	$58,988.72
285-709	OPTIONAL BASE,BASE GROUP 09	6,752.91 SY	$16.58	$111,963.25
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	7,759.49 SY	$5.91	$45,858.59

334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	426.77 TN	$99.97	$42,664.20
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	918.74 TN	$99.97	$91,846.44
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	426.77 TN	$250.88	$107,068.06
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	367.50 TN	$250.88	$92,198.40

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE	24.00 EA	$99.91	$2,397.84
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	24.00 EA	$71.34	$1,712.16

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	8

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	223.00 EA	$3.77	$840.71
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.73 GM	$5,203.75	$3,798.74
711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	1.47 GM	$1,407.70	$2,069.32
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	0.73 GM	$5,134.92	$3,748.49
	Roadway Component Total			$565,154.92

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	7.25 / 7.25
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Sidewalk Width L/R	5.00 / 5.00

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	1,077.71 SY	$41.04	$44,229.22

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
521-72-43	SHLDR CONC BARRIER, CURB AND GUTTER BARR	1,940.00	LF	$481.25	$933,625.00

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,939.87	LF	$1.60	$3,103.79
104-11	FLOATING TURBIDITY BARRIER	18.37	LF	$9.86	$181.13
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	18.37	LF	$5.65	$103.79
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,019.35	$3,019.35
104-18	INLET PROTECTION SYSTEM	9.00	EA	$111.87	$1,006.83
107-1	LITTER REMOVAL	1.60	AC	$27.89	$44.62
107-2	MOWING	1.60	AC	$50.07	$80.11
	Shoulder Component Total				$985,393.84

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	27.50
Performance Turf Width	15.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	1,939.87	LF	$21.03	$40,795.47
570-1-1	PERFORMANCE TURF	1,616.56	SY	$1.62	$2,618.83
	Median Component Total				$43,414.30

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	3.31	CY	$1,640.37	$5,429.62
425-1-351	INLETS, CURB, TYPE P-5, <10'	7.00	EA	$5,078.02	$35,546.14
425-1-451	INLETS, CURB, TYPE J-5, <10'	2.00	EA	$9,616.17	$19,232.34
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	104.00	LF	$103.02	$10,714.08
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	32.00	LF	$122.44	$3,918.08
570-1-1	PERFORMANCE TURF	55.84	SY	$1.62	$90.46
	Drainage Component Total				$74,930.72

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	5.00	AS	$444.33	$2,221.65
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,108.73	$1,108.73
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$236.98	$236.98
700-1-60	SINGLE POST SIGN, REMOVE	5.00	AS	$24.01	$120.05
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$3,577.16	$3,577.16
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$376.34	$376.34

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-3-206	SIGN PANEL, F&I OM, 101-200 SF	6.00	EA	$7,901.48	$47,408.88
	Comment: Gatlin Blvd. EB & WB				
700-4-125	OH STATIC SIGN STR, F&I, S 51-100 FT	2.00	EA	$128,556.98	$257,113.96
	Comment: Gatlin Blvd. EB & WB				
	Signing Component Total				$312,163.75

LIGHTING COMPONENT

Conventional Lighting Subcomponent

Description	Value
Spacing	MAX

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	969.94	LF	$7.97	$7,730.42
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	126.57	LF	$18.34	$2,321.29
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	4.00	EA	$697.32	$2,789.28
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	3,289.52	LF	$1.42	$4,671.12
715-4-13	LIGHT POLE COMPLETE, F&I-STD, 40'	4.00	EA	$7,083.33	$28,333.32
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	4.00	EA	$729.64	$2,918.56
	Subcomponent Total				$48,763.99
	Lighting Component Total				$48,763.99

Sequence 2 Total $2,215,887.62

Sequence: 3 NUU - New Construction, Undivided, Urban **Net Length:** 0.216 MI 1,140 LF

Description: Gatlin Blvd. DDI New construction (East and West of I-95)

Special Conditions: New construction includes 8 Diverging Lanes,4 median island (Gatlin Blvd. NW,SW,NE and SE quadrants)

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	100.00 / 100.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.216
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	5.24	AC	$14,621.42	$76,616.24
120-6	EMBANKMENT	7,860.86	CY	$11.11	$87,334.15
	Earthwork Component Total				$163,950.39

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	9
Roadway Pavement Width L/R	60.00 / 48.00
Structural Spread Rate	275
Friction Course Spread Rate	110

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	14,333.00	SY	$8.15	$116,813.95
285-709	OPTIONAL BASE,BASE GROUP 09	13,679.42	SY	$16.58	$226,804.78
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,880.92	TN	$99.97	$188,035.57
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	752.37	TN	$250.88	$188,754.59

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
711-11-103	THERMOPLASTIC, STD, WHITE, SOLID, 12"	0.18	GM	$6,338.33	$1,140.90
	Comment: 4 Pedestrian Crossings				
711-11-125	THERMOPLASTIC, STD, WHITE,	244.00	LF	$3.82	$932.08

SOLID, 24"
Comment: 4 Stop Bars

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	13
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	8

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	291.00	EA	$3.77	$1,097.07
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	2.81	GM	$5,203.75	$14,622.54
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	2.81	GM	$5,134.92	$14,429.13
	Roadway Component Total				$752,630.60

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	12.25 / 52.25
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 40.00
Sidewalk Width L/R	10.00 / 10.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	1,139.95	LF	$21.03	$23,973.15
520-1-7	CONCRETE CURB & GUTTER, TYPE E	1,139.95	LF	$21.03	$23,973.15
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	2,533.23	SY	$41.04	$103,963.76
570-1-1	PERFORMANCE TURF	5,066.45	SY	$1.62	$8,207.65

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	2,279.90	LF	$1.60	$3,647.84
104-11	FLOATING TURBIDITY BARRIER	53.98	LF	$9.86	$532.24
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	53.98	LF	$5.65	$304.99
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,019.35	$3,019.35
104-18	INLET PROTECTION SYSTEM	12.00	EA	$111.87	$1,342.44
107-1	LITTER REMOVAL	2.62	AC	$27.89	$73.07
107-2	MOWING	2.62	AC	$50.07	$131.18

	Shoulder Component Total	$169,168.82

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	3.89 CY	$1,640.37	$6,381.04
425-1-351	INLETS, CURB, TYPE P-5, <10'	8.00 EA	$5,078.02	$40,624.16
425-1-451	INLETS, CURB, TYPE J-5, <10'	3.00 EA	$9,616.17	$28,848.51
425-1-521	INLETS, DT BOT, TYPE C, <10'	2.00 EA	$3,158.92	$6,317.84
425-2-41	MANHOLES, P-7, <10'	2.00 EA	$3,999.05	$7,998.10
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	504.00 LF	$103.02	$51,922.08
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	48.00 LF	$122.44	$5,877.12
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	1,080.00 LF	$160.89	$173,761.20
570-1-1	PERFORMANCE TURF	65.63 SY	$1.62	$106.32
	Drainage Component Total			$321,836.37

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	20.00 AS	$444.33	$8,886.60
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	4.00 AS	$1,108.73	$4,434.92
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	1.00 AS	$4,539.12	$4,539.12
	Signing Component Total			$17,860.64

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	6 Lane Mast Arm
Multiplier	2
Description	Gatlin EB at DDI (East and West of I-95)

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,400.00 LF	$7.97	$11,158.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	600.00 LF	$18.34	$11,004.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	2.00 PI	$4,612.97	$9,225.94
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	32.00 EA	$697.32	$22,314.24

639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	2.00 AS	$2,741.69	$5,483.38
639-2-1	ELECTRICAL SERVICE WIRE, F&I	120.00 LF	$2.73	$327.60
641-2-11	PREST CNC POLE,F&I,TYP P-II,PEDESTAL	2.00 EA	$1,038.67	$2,077.34
649-21-21	STEEL MAST ARM ASSEMBLY, F&I, 78'	2.00 EA	$46,958.02	$93,916.04
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	12.00 AS	$975.52	$11,706.24
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	$639.22	$5,113.76
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	12.00 EA	$224.29	$2,691.48
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	12.00 AS	$1,114.85	$13,378.20
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	$144.27	$1,154.16
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	2.00 AS	$26,550.76	$53,101.52
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	8.00 EA	$287.75	$2,302.00

Signalization 2

Description	Value
Type	4 Lane Mast Arm
Multiplier	2
Description	Gatlin WB at DDI (East and West of I-95)

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,500.00 LF	$7.97	$11,955.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	500.00 LF	$18.34	$9,170.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	2.00 PI	$4,612.97	$9,225.94
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	32.00 EA	$697.32	$22,314.24
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	2.00 AS	$2,741.69	$5,483.38
639-2-1	ELECTRICAL SERVICE WIRE, F&I	120.00 LF	$2.73	$327.60
641-2-11	PREST CNC POLE,F&I,TYP P-II,PEDESTAL	2.00 EA	$1,038.67	$2,077.34
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	2.00 EA	$42,025.28	$84,050.56
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	8.00 AS	$975.52	$7,804.16
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	$639.22	$5,113.76
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	8.00 EA	$224.29	$1,794.32
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	8.00 AS	$1,114.85	$8,918.80
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	$144.27	$1,154.16
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	2.00 AS	$26,550.76	$53,101.52
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	8.00 EA	$287.75	$2,302.00

Signalizations Component Total	$469,746.68
Sequence 3 Total	$1,895,193.50

Sequence: 4 NUR - New Construction, Undivided, Rural **Net Length:** 0.607 MI 3,207 LF

Description: Gatlin Blvd. 2-Lane Ramps New Construction
Special Conditions: Includes: I95NB/WB Ramp (776-ft), I95NB/EB Ramp (137-ft), WB/I95NB Ramp (787-ft), EB/I95NB Ramp (1253-ft), WB/I95SB Ramp (254-ft)

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	25.00 / 25.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.620
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	3.68	AC	$14,621.42	$53,806.83
120-6	EMBANKMENT	33,732.63	CY	$11.11	$374,769.52
	Earthwork Component Total				$428,576.35

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Roadway Pavement Width L/R	12.00 / 12.00
Structural Spread Rate	275
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	15,679.02	SY	$8.15	$127,784.01
285-709	OPTIONAL BASE,BASE GROUP 09	8,787.38	SY	$16.58	$145,694.76
334-1-53	SUPERPAVE ASPH CONC, TRAF C, PG76-22	1,175.93	TN	$141.05	$165,864.93
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	342.09	TN	$147.49	$50,454.85

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
711-11-103	THERMOPLASTIC, STD, WHITE, SOLID, 12"	0.04	GM	$6,338.33	$253.53
	Comment: 2-Pedestrian crossing				
711-11-125	THERMOPLASTIC, STD, WHITE,	24.00	LF	$3.82	$91.68

	SOLID, 24"			
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE	24.00 EA	$99.91	$2,397.84
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	24.00 EA	$71.34	$1,712.16

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	82.00	EA	$3.77	$309.14
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	1.21	GM	$5,203.75	$6,296.54
711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	0.61	GM	$1,407.70	$858.70
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	1.21	GM	$5,134.92	$6,213.25
	Roadway Component Total				$507,931.39

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	10.00 / 10.00
Total Outside Shoulder Perf. Turf Width L/R	2.67 / 2.67
Paved Outside Shoulder Width L/R	6.00 / 6.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-706	OPTIONAL BASE,BASE GROUP 06	4,511.28	SY	$34.45	$155,413.60
334-1-53	SUPERPAVE ASPH CONC, TRAF C, PG76-22	352.78	TN	$141.05	$49,759.62
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	18.81	TN	$147.49	$2,774.29
570-1-1	PERFORMANCE TURF	1,902.86	SY	$1.62	$3,082.63

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	8,338.39	LF	$1.60	$13,341.42

104-11	FLOATING TURBIDITY BARRIER	151.85 LF	$9.86	$1,497.24
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	151.85 LF	$5.65	$857.95
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	$3,019.35	$3,019.35
107-1	LITTER REMOVAL	7.36 AC	$27.89	$205.27
107-2	MOWING	7.36 AC	$50.07	$368.52
	Shoulder Component Total			$230,319.89

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	10.93 CY	$1,640.37	$17,929.24
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	488.00 LF	$114.42	$55,836.96
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	104.00 LF	$122.44	$12,733.76
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	25.00 EA	$1,756.64	$43,916.00
570-1-1	PERFORMANCE TURF	427.61 SY	$1.62	$692.73
	Drainage Component Total			$131,108.69

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	12.00 AS	$444.33	$5,331.96
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	6.00 AS	$1,108.73	$6,652.38
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	2.00 AS	$3,577.16	$7,154.32

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-3-207	SIGN PANEL, F&I OM, 201-300 SF	2.00 EA	$6,479.61	$12,959.22
	Comment: 95NB Entrance Ramp to Gatlin Blvd. (EB & WB)			
700-4-125	OH STATIC SIGN STR, F&I, S 51-100 FT	1.00 EA	$128,556.98	$128,556.98
	Comment: 4-Lane 95NB Entrance Ramp to Gatlin Blvd.			
	Signing Component Total			$160,654.86

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	2 Lane Mast Arm

Multiplier	2
Description	I95 NB/ EB Gatlin Blvd. and I95 NB/WB Gatlin Blvd.

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,600.00	LF	$7.97	$12,752.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	400.00	LF	$18.34	$7,336.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	2.00	PI	$4,612.97	$9,225.94
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	24.00	EA	$697.32	$16,735.68
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	2.00	AS	$2,741.69	$5,483.38
639-2-1	ELECTRICAL SERVICE WIRE, F&I	120.00	LF	$2.73	$327.60
641-2-11	PREST CNC POLE,F&I,TYP P-II,PEDESTAL	2.00	EA	$1,038.67	$2,077.34
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	8.00	AS	$975.52	$7,804.16
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00	AS	$639.22	$5,113.76
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	8.00	EA	$224.29	$1,794.32
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	8.00	AS	$1,114.85	$8,918.80
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00	EA	$144.27	$1,154.16
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	2.00	AS	$26,550.76	$53,101.52
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	8.00	EA	$287.75	$2,302.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
649-21-3	STEEL MAST ARM ASSEMBLY, F&I, 40'	2.00	EA	$36,664.67	$73,329.34

Signalizations Component Total $207,456.00

LIGHTING COMPONENT

High Mast Lighting Subcomponent

Description	Value
Multiplier (Number of Poles)	3

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,500.00	LF	$7.97	$11,955.00
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	6.00	EA	$697.32	$4,183.92
715-1-12	LIGHTING CONDUCTORS, F&I, INSUL,NO.8-6	1,500.00	LF	$1.08	$1,620.00
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	4,500.00	LF	$1.42	$6,390.00
715-7-11	LOAD CENTER, F&I, SECONDARY VOLTAGE	1.00	EA	$11,841.00	$11,841.00
715-19-13	HIGH MAST LIGHT POLE, F&I,	3.00	EA	$59,227.75	$177,683.25

715-500-2	120' POLE CABLE DISTRIBUTION SYS, HIGH MAST	3.00 EA	$373.07	$1,119.21
	Subcomponent Total			$214,792.38
	Lighting Component Total			$214,792.38
Sequence 4 Total				$1,880,839.56

Sequence: 5 RSU - Resurfacing, Undivided **Net Length:** 0.285 MI
1,506 LF

Description: Gatlin Blvd. 2-Lane Ramps Milling & Resurfacing
Special Conditions: I95NB/Gatlin Blvd. WB Ramp (136-ft) Gatlin Blvd. WB/I95SB Ramp (341-ft) I95NB/Gatlin Blvd. EB Ramp (607-ft) Gatlin Blvd. WB/I95SB Ramp (422-ft)

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Roadway Pavement Width L/R	12.00 / 12.00
Structural Spread Rate	165
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-11	MILLING EXIST ASPH PAVT,2 1/4" AVG DEPTH	4,015.62	SY	$5.82	$23,370.91
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	331.29	TN	$99.97	$33,119.06
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	160.62	TN	$147.49	$23,689.84

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	810.00	SY	$8.15	$6,601.50
	Comment: I95NB/EB Ramp 12-ft shoulder				
285-706	OPTIONAL BASE,BASE GROUP 06	810.00	SY	$34.45	$27,904.50
	Comment: I95NB/EB Ramp 12-ft shoulder				
334-1-53	SUPERPAVE ASPH CONC, TRAF C, PG76-22	67.00	TN	$141.05	$9,450.35
	Comment: I95NB/EB Ramp 12-ft shoulder				

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	39.00	EA	$3.77	$147.03
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.57	GM	$5,203.75	$2,966.14
711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	0.29	GM	$1,407.70	$408.23
711-16-201	THERMOPLASTIC, STD-	0.57	GM	$5,134.92	$2,926.90

	OTH,YELLOW, SOLID, 6"	
	Roadway Component Total	$130,584.46

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	0.00 / 12.67
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 2.67
Paved Outside Shoulder Width L/R	0.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	1,673.17	SY	$3.98	$6,659.22
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	92.02	TN	$99.97	$9,199.24
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	4.42	TN	$147.49	$651.91
570-1-1	PERFORMANCE TURF	446.74	SY	$1.62	$723.72

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,506.00	LF	$1.60	$2,409.60
104-18	INLET PROTECTION SYSTEM	6.00	EA	$111.87	$671.22
107-1	LITTER REMOVAL	0.69	AC	$27.89	$19.24
107-2	MOWING	0.69	AC	$50.07	$34.55
	Shoulder Component Total				$20,368.70

LIGHTING COMPONENT

Rural Lighting Subcomponent

Description	Value
Multiplier (Number of Poles)	7

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,400.00	LF	$7.97	$11,158.00
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	7.00	EA	$697.32	$4,881.24
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	4,200.00	LF	$1.42	$5,964.00
715-4-14	LIGHT POLE COMPLETE, F&I-STD, 45'	7.00	EA	$5,579.80	$39,058.60
715-500-1	POLE CABLE DIST SYS,	7.00	EA	$729.64	$5,107.48

CONVENTIONAL **Subcomponent Total**	$66,169.32
Lighting Component Total	$66,169.32
Sequence 5 Total	$217,122.48

Sequence: 6 NUR - New Construction, Undivided, Rural **Net Length:** 0.129 MI 683 LF

Description: Gatlin Blvd. 3-Lane Ramps New Construction
Special Conditions: I95SB/WB Gatlin Blvd. Ramp (465-ft), I95SB/EB Gatlin Blvd. Ramp (218-ft)

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	50.00 / 50.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.153
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.56	AC	$14,621.42	$22,809.42
120-6	EMBANKMENT	8,746.51	CY	$11.11	$97,173.73
	Earthwork Component Total				$119,983.15

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	3
Roadway Pavement Width L/R	12.00 / 24.00
Structural Spread Rate	275
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	3,694.77	SY	$8.15	$30,112.38
285-709	OPTIONAL BASE,BASE GROUP 09	2,783.03	SY	$16.58	$46,142.64
334-1-53	SUPERPAVE ASPH CONC, TRAF C, PG76-22	375.78	TN	$141.05	$53,003.77
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	109.32	TN	$147.49	$16,123.61

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
711-11-103	THERMOPLASTIC, STD, WHITE,	0.06	GM	$6,338.33	$380.30

	SOLID, 12"			
	Comment: Pedestrian Crossing			
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE	18.00 EA	$99.91	$1,798.38
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	18.00 EA	$71.34	$1,284.12

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	70.00	EA	$3.77	$263.90
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.26	GM	$5,203.75	$1,352.98
711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	0.26	GM	$1,407.70	$366.00
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	0.26	GM	$5,134.92	$1,335.08
	Roadway Component Total				$152,163.16

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	0.00 / 12.67
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 2.67
Paved Outside Shoulder Width L/R	0.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-706	OPTIONAL BASE,BASE GROUP 06	784.20	SY	$34.45	$27,015.69
334-1-53	SUPERPAVE ASPH CONC, TRAF C, PG76-22	41.75	TN	$141.05	$5,888.84
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	2.00	TN	$147.49	$294.98
570-1-1	PERFORMANCE TURF	202.69	SY	$1.62	$328.36

X-Items

					Extended

Pay item	Description	Quantity	Unit	Unit Price	Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	683.00	LF	$22.48	$15,353.84
	Comment: Median Island C&G Type F				
570-1-2	PERFORMANCE TURF, SOD	1,897.00	SY	$3.29	$6,241.13
	Comment: Median Island				

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,776.40	LF	$1.60	$2,842.24
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,019.35	$3,019.35
107-1	LITTER REMOVAL	1.57	AC	$27.89	$43.79
107-2	MOWING	1.57	AC	$50.07	$78.61
	Shoulder Component Total				$61,106.83

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	2.33	CY	$1,640.37	$3,822.06
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	104.00	LF	$114.42	$11,899.68
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	24.00	LF	$122.44	$2,938.56
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	6.00	EA	$1,756.64	$10,539.84
570-1-1	PERFORMANCE TURF	91.10	SY	$1.62	$147.58
	Drainage Component Total				$29,347.72

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	5.00	AS	$444.33	$2,221.65
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	3.00	AS	$1,108.73	$3,326.19
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	2.00	AS	$3,160.43	$6,320.86
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$3,577.16	$3,577.16

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-3-207	SIGN PANEL, F&I OM, 201-300 SF	3.00	EA	$6,479.61	$19,438.83

	Comment: I95 SB Exit Ramp to Gatlin Blvd. EB & WB			
700-4-125	OH STATIC SIGN STR, F&I, S 51-100 FT	1.00 EA	$128,556.98	$128,556.98
	Comment: I95 SB Exit Ramp to Gatlin Blvd.			
	Signing Component Total			$163,441.67

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	4 Lane Mast Arm
Multiplier	2
Description	I95 SB/Gatlin Blvd. EB and I95 SB/Gatlin Blvd. WB

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,500.00	LF	$7.97	$11,955.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	500.00	LF	$18.34	$9,170.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	2.00	PI	$4,612.97	$9,225.94
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	16.00	EA	$697.32	$11,157.12
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	2.00	AS	$2,741.69	$5,483.38
639-2-1	ELECTRICAL SERVICE WIRE, F&I	120.00	LF	$2.73	$327.60
641-2-11	PREST CNC POLE,F&I,TYP P-II,PEDESTAL	2.00	EA	$1,038.67	$2,077.34
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	2.00	EA	$42,025.28	$84,050.56
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	6.00	AS	$975.52	$5,853.12
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00	AS	$639.22	$5,113.76
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	6.00	EA	$224.29	$1,345.74
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	6.00	AS	$1,114.85	$6,689.10
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00	EA	$144.27	$1,154.16
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	2.00	AS	$26,550.76	$53,101.52
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	8.00	EA	$287.75	$2,302.00
	Signalizations Component Total				$209,006.34

LIGHTING COMPONENT

High Mast Lighting Subcomponent

Description	Value
Multiplier (Number of Poles)	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	500.00	LF	$7.97	$3,985.00
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	2.00	EA	$697.32	$1,394.64
715-1-12	LIGHTING CONDUCTORS, F&I, INSUL,NO.8-6	500.00	LF	$1.08	$540.00
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	1,500.00	LF	$1.42	$2,130.00
715-7-11	LOAD CENTER, F&I, SECONDARY VOLTAGE	1.00	EA	$11,841.00	$11,841.00
715-19-13	HIGH MAST LIGHT POLE, F&I, 120'	1.00	EA	$59,227.75	$59,227.75
715-500-2	POLE CABLE DISTRIBUTION SYS, HIGH MAST	1.00	EA	$373.07	$373.07
	Subcomponent Total				$79,491.46
	Lighting Component Total				$79,491.46

Sequence 6 Total $814,540.33

Sequence: 7 WUR - Widen/Resurface, Undivided, Rural **Net Length:** 0.206 MI
1,088 LF

Description: Gatlin Blvd. 3-Lane Ramps Milling, Resurfacing and widening
Special Conditions: I95SB/WB Gatlin Blvd. Ramp (499-ft) I95SB/EB Gatlin Blvd. Ramp (589-ft)

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	30.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.206
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.50	AC	$14,621.42	$21,932.13
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	557.13	CY	$12.06	$6,718.99
	Earthwork Component Total				$28,651.12

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	3
Existing Roadway Pavement Width L/R	12.00 / 12.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 12.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	2,982.90	SY	$8.15	$24,310.64
285-709	OPTIONAL BASE,BASE GROUP 09	1,490.84	SY	$16.58	$24,718.13
327-70-11	MILLING EXIST ASPH PAVT,2 1/4" AVG DEPTH	2,901.89	SY	$5.82	$16,889.00
334-1-53	SUPERPAVE ASPH CONC, TRAF C, PG76-22	239.41	TN	$141.05	$33,768.78
334-1-53	SUPERPAVE ASPH CONC, TRAF C, PG76-22	199.50	TN	$141.05	$28,139.48

337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	116.08 TN	$147.49	$17,120.64
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	58.04 TN	$147.49	$8,560.32

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	111.00	EA	$3.77	$418.47
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.41	GM	$5,203.75	$2,133.54
711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	0.41	GM	$1,407.70	$577.16
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	0.41	GM	$5,134.92	$2,105.32
	Roadway Component Total				$158,741.48

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	0.00 / 12.67
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 2.67
Existing Paved Outside Shoulder Width L/R	0.00 / 0.00
New Paved Outside Shoulder Width L/R	0.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-706	OPTIONAL BASE,BASE GROUP 06	1,249.02	SY	$34.45	$43,028.74
334-1-53	SUPERPAVE ASPH CONC, TRAF C, PG76-22	66.50	TN	$141.05	$9,379.83
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	3.19	TN	$147.49	$470.49
570-1-1	PERFORMANCE TURF	322.84	SY	$1.62	$523.00

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount

104-10-3	SEDIMENT BARRIER	2,502.88 LF	$1.60	$4,004.61
104-11	FLOATING TURBIDITY BARRIER	20.61 LF	$9.86	$203.21
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	20.61 LF	$5.65	$116.45
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	$3,019.35	$3,019.35
104-18	INLET PROTECTION SYSTEM	1.00 EA	$111.87	$111.87
107-1	LITTER REMOVAL	0.50 AC	$27.89	$13.94
107-2	MOWING	0.50 AC	$50.07	$25.04
	Shoulder Component Total			$60,896.54

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	3.71	CY	$1,640.37	$6,085.77
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	32.00	LF	$114.42	$3,661.44
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	16.00	LF	$122.44	$1,959.04
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	3.00	EA	$1,756.64	$5,269.92
570-1-1	PERFORMANCE TURF	83.26	SY	$1.62	$134.88
	Drainage Component Total				$17,111.05

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$444.33	$444.33
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	5.00	AS	$1,108.73	$5,543.65
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$236.98	$236.98
700-1-60	SINGLE POST SIGN, REMOVE	5.00	AS	$24.01	$120.05
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	1.00	AS	$3,160.43	$3,160.43
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$376.34	$376.34
	Signing Component Total				$9,881.78

LIGHTING COMPONENT

Rural Lighting Subcomponent

Description	Value
Multiplier (Number of Poles)	5

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,000.00	LF	$7.97	$7,970.00

635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	5.00 EA	$697.32	$3,486.60
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	3,000.00 LF	$1.42	$4,260.00
715-4-14	LIGHT POLE COMPLETE, F&I-STD, 45'	5.00 EA	$5,579.80	$27,899.00
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	5.00 EA	$729.64	$3,648.20
	Subcomponent Total			$47,263.80
	Lighting Component Total			$47,263.80
Sequence 7 Total				$322,545.77

Sequence: 8 NUR - New Construction, Undivided, Rural **Net Length:** 0.177 MI 936 LF

Description: Gatlin Blvd. Single Lane Ramp
Special Conditions: Gatlin Blvd. EB/I95 SB Ramp

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	50.00 / 50.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.177
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	2.15	AC	$14,621.42	$31,436.05
120-6	EMBANKMENT	923.48	CY	$11.11	$10,259.86
	Earthwork Component Total				$41,695.91

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	1
Roadway Pavement Width L/R	0.00 / 15.00
Structural Spread Rate	275
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	3,640.56	SY	$8.15	$29,670.56
285-709	OPTIONAL BASE,BASE GROUP 09	1,594.57	SY	$16.58	$26,437.97
334-1-53	SUPERPAVE ASPH CONC, TRAF C, PG76-22	214.53	TN	$141.05	$30,259.46
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	62.41	TN	$147.49	$9,204.85

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
711-11-103	THERMOPLASTIC, STD, WHITE, SOLID, 12"	0.02	GM	$6,338.33	$126.77
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	15.00	LF	$3.82	$57.30

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.35	GM	$5,203.75	$1,821.31
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	0.35	GM	$5,134.92	$1,797.22
	Roadway Component Total				$99,375.44

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	10.00 / 10.00
Total Outside Shoulder Perf. Turf Width L/R	2.67 / 2.67
Paved Outside Shoulder Width L/R	5.00 / 5.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-706	OPTIONAL BASE,BASE GROUP 06	1,108.81	SY	$34.45	$38,198.50
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	85.81	TN	$99.97	$8,578.43
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	5.49	TN	$250.88	$1,377.33
570-1-1	PERFORMANCE TURF	555.45	SY	$1.62	$899.83

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	2,433.97	LF	$1.60	$3,894.35
104-11	FLOATING TURBIDITY BARRIER	44.32	LF	$9.86	$437.00
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	44.32	LF	$5.65	$250.41
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,019.35	$3,019.35
107-1	LITTER REMOVAL	2.15	AC	$27.89	$59.96
107-2	MOWING	2.15	AC	$50.07	$107.65
	Shoulder Component Total				$56,822.81

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	3.19	CY	$1,640.37	$5,232.78
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	144.00	LF	$114.42	$16,476.48
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	32.00	LF	$122.44	$3,918.08
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	8.00	EA	$1,756.64	$14,053.12
570-1-1	PERFORMANCE TURF	124.82	SY	$1.62	$202.21
	Drainage Component Total				$39,882.67

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$444.33	$444.33
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	4.00	AS	$1,108.73	$4,434.92
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$3,577.16	$3,577.16
	Signing Component Total				$8,456.41

Sequence 8 Total $246,233.24

Sequence: 9 WDU - Widen/Resurface, Divided, Urban **Net Length:** 0.206 MI 1,090 LF

Description: Gatlin Blvd. From I95 NB Ramps to Brescia Street
Special Conditions: Mill & Resurface 6-Lane. Widen 31-ft WB and 19-ft EB

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	100.00 / 100.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.206
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	4.99	AC	$14,621.42	$72,960.89
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	53,285.04	CY	$12.06	$642,617.58
	Earthwork Component Total				$715,578.47

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	9
Existing Roadway Pavement Width L/R	36.00 / 36.00
Structural Spread Rate	110
Friction Course Spread Rate	110
Widened Outside Pavement Width L/R	31.00 / 19.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	110

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	6,679.21	SY	$8.15	$54,435.56
285-709	OPTIONAL BASE,BASE GROUP 09	6,134.32	SY	$16.58	$101,707.03
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	8,718.34	SY	$5.91	$51,525.39

334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	479.51 TN	$99.97	$47,936.61
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	832.48 TN	$99.97	$83,223.03
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	479.51 TN	$250.88	$120,299.47
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	332.99 TN	$250.88	$83,540.53

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
711-11-103	THERMOPLASTIC, STD, WHITE, SOLID, 12"	0.07 GM	$6,338.33	$443.68
	Comment: Pedestrian Crossing			
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	80.00 LF	$3.82	$305.60
	Comment: Gatlin EB Stop Bar			
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE	12.00 EA	$99.91	$1,198.92
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	12.00 EA	$71.34	$856.08

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	7

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	223.00 EA	$3.77	$840.71
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.83 GM	$5,203.75	$4,319.11
711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	1.44 GM	$1,407.70	$2,027.09
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	0.83 GM	$5,134.92	$4,261.98
	Roadway Component Total			$556,920.78

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	42.25 / 42.25
Total Outside Shoulder Perf. Turf Width L/R	30.00 / 30.00
Sidewalk Width L/R	10.00 / 10.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,089.79	LF	$22.48	$24,498.48
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,089.79	LF	$22.48	$24,498.48
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	2,421.76	SY	$41.04	$99,389.03
570-1-1	PERFORMANCE TURF	7,265.28	SY	$1.62	$11,769.75

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	2,179.58	LF	$1.60	$3,487.33
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,019.35	$3,019.35
104-18	INLET PROTECTION SYSTEM	10.00	EA	$111.87	$1,118.70
107-1	LITTER REMOVAL	1.80	AC	$27.89	$50.20
107-2	MOWING	1.80	AC	$50.07	$90.13

Shoulder Component Total $167,921.45

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	38.00
Performance Turf Width	34.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	2,179.58	LF	$22.48	$48,996.96
570-1-1	PERFORMANCE TURF	4,116.99	SY	$1.62	$6,669.52

Median Component Total $55,666.48

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	3.72	CY	$1,640.37	$6,102.18
425-1-351	INLETS, CURB, TYPE P-5, <10'	8.00	EA	$5,078.02	$40,624.16
425-1-451	INLETS, CURB, TYPE J-5, <10'	3.00	EA	$9,616.17	$28,848.51
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	120.00	LF	$103.02	$12,362.40
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	40.00	LF	$122.44	$4,897.60
570-1-1	PERFORMANCE TURF	62.75	SY	$1.62	$101.66

Drainage Component Total $92,936.51

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	5.00 AS	$444.33	$2,221.65
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00 AS	$1,108.73	$1,108.73
700-1-50	SINGLE POST SIGN, RELOCATE	1.00 AS	$236.98	$236.98
700-1-60	SINGLE POST SIGN, REMOVE	5.00 AS	$24.01	$120.05
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00 AS	$3,577.16	$3,577.16
700-2-60	MULTI- POST SIGN, REMOVE	1.00 AS	$376.34	$376.34
	Signing Component Total			$7,640.91

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	6 Lane Mast Arm
Multiplier	2
Description	Gatlin Blvd. EB & WB at Brescia Street Intersection

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,400.00 LF	$7.97	$11,158.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	600.00 LF	$18.34	$11,004.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	2.00 PI	$4,612.97	$9,225.94
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	22.00 EA	$697.32	$15,341.04
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	2.00 AS	$2,741.69	$5,483.38
639-2-1	ELECTRICAL SERVICE WIRE, F&I	120.00 LF	$2.73	$327.60
641-2-11	PREST CNC POLE,F&I,TYP P-II,PEDESTAL	2.00 EA	$1,038.67	$2,077.34
649-21-21	STEEL MAST ARM ASSEMBLY, F&I, 78'	2.00 EA	$46,958.02	$93,916.04
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	12.00 AS	$975.52	$11,706.24
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	$639.22	$5,113.76
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	12.00 EA	$224.29	$2,691.48
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	12.00 AS	$1,114.85	$13,378.20
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	$144.27	$1,154.16
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	2.00 AS	$26,550.76	$53,101.52
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	8.00 EA	$287.75	$2,302.00

Signalization 2

Description	Value
Type	4 Lane Mast Arm
Multiplier	2
Description	Brescia Street NB & SB at Gatlin Blvd.

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,500.00	LF	$7.97	$11,955.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	500.00	LF	$18.34	$9,170.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	2.00	PI	$4,612.97	$9,225.94
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	16.00	EA	$697.32	$11,157.12
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	2.00	AS	$2,741.69	$5,483.38
639-2-1	ELECTRICAL SERVICE WIRE, F&I	120.00	LF	$2.73	$327.60
641-2-11	PREST CNC POLE,F&I,TYP P-II,PEDESTAL	2.00	EA	$1,038.67	$2,077.34
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	2.00	EA	$42,025.28	$84,050.56
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	8.00	AS	$975.52	$7,804.16
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00	AS	$639.22	$5,113.76
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	8.00	EA	$224.29	$1,794.32
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	8.00	AS	$1,114.85	$8,918.80
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00	EA	$144.27	$1,154.16
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	2.00	AS	$26,550.76	$53,101.52
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	8.00	EA	$287.75	$2,302.00
	Signalizations Component Total				$451,616.36

LIGHTING COMPONENT

Conventional Lighting Subcomponent

Description	Value
Spacing	MAX

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,089.79	LF	$7.97	$8,685.63
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	142.21	LF	$18.34	$2,608.13
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	5.00	EA	$697.32	$3,486.60
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	3,696.00	LF	$1.42	$5,248.32
715-4-13	LIGHT POLE COMPLETE, F&I-STD, 40'	5.00	EA	$7,083.33	$35,416.65
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	5.00	EA	$729.64	$3,648.20

Subcomponent Total	$59,093.53
Lighting Component Total	$59,093.53
Sequence 9 Total	$2,107,374.49

Sequence: 10 WDU - Widen/Resurface, Divided, Urban

Net Length: 0.651 MI / 3,435 LF

Description: Gatlin Blvd. From Brescia Street to SW Kensington Street.
Special Conditions: Mill & Resurface 7-Lanes. Widen 19-ft WB and 19-ft EB.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	25.00 / 25.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.651
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	3.95	AC	$14,621.42	$57,754.61
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	129,384.31	CY	$12.06	$1,560,374.78
	Earthwork Component Total				$1,618,129.39

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	8
Existing Roadway Pavement Width L/R	36.00 / 36.00
Structural Spread Rate	110
Friction Course Spread Rate	110
Widened Outside Pavement Width L/R	19.00 / 19.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	110

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	16,473.54	SY	$8.15	$134,259.35
285-709	OPTIONAL BASE,BASE GROUP 09	14,755.95	SY	$16.58	$244,653.65
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	27,481.34	SY	$5.91	$162,414.72

334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,511.47 TN	$99.97	$151,101.66
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,994.31 TN	$99.97	$199,371.17
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	1,511.47 TN	$250.88	$379,197.59
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	797.72 TN	$250.88	$200,131.99

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
711-11-103	THERMOPLASTIC, STD, WHITE, SOLID, 12"	0.16 GM	$6,338.33	$1,014.13
	Comment: Pedestrian Crossing			
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	221.00 LF	$3.82	$844.22
	Comment: Stop Bar			
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE	35.00 EA	$99.91	$3,496.85
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	35.00 EA	$71.34	$2,496.90

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	6

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	615.00 EA	$3.77	$2,318.55
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	2.60 GM	$5,203.75	$13,529.75
711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	3.90 GM	$1,407.70	$5,490.03
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	2.60 GM	$5,134.92	$13,350.79
	Roadway Component Total			$1,513,671.36

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	32.25 / 32.25
Total Outside Shoulder Perf. Turf Width L/R	20.00 / 20.00
Sidewalk Width L/R	10.00 / 10.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	3,435.17	LF	$22.48	$77,222.62
520-1-10	CONCRETE CURB & GUTTER, TYPE F	3,435.17	LF	$22.48	$77,222.62
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	7,633.71	SY	$41.04	$313,287.46
570-1-1	PERFORMANCE TURF	15,267.41	SY	$1.62	$24,733.20

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	6,870.34	LF	$1.60	$10,992.54
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,019.35	$3,019.35
104-18	INLET PROTECTION SYSTEM	30.00	EA	$111.87	$3,356.10
107-1	LITTER REMOVAL	5.67	AC	$27.89	$158.14
107-2	MOWING	5.67	AC	$50.07	$283.90
	Shoulder Component Total				$510,275.93

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	12.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	6,870.34	LF	$21.03	$144,483.25
520-5-11	TRAF SEP CONC-TYPE I, 4' WIDE	966.00	LF	$40.36	$38,987.76
570-1-1	PERFORMANCE TURF	4,580.22	SY	$1.62	$7,419.96
	Median Component Total				$190,890.97

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	11.71	CY	$1,640.37	$19,208.73
425-1-351	INLETS, CURB, TYPE P-5, <10'	24.00	EA	$5,078.02	$121,872.48
425-1-451	INLETS, CURB, TYPE J-5, <10'	7.00	EA	$9,616.17	$67,313.19
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	360.00	LF	$103.02	$37,087.20
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	112.00	LF	$122.44	$13,713.28
570-1-1	PERFORMANCE TURF	197.78	SY	$1.62	$320.40
	Drainage Component Total				$259,515.28

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	15.00 AS	$444.33	$6,664.95
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	2.00 AS	$1,108.73	$2,217.46
700-1-50	SINGLE POST SIGN, RELOCATE	2.00 AS	$236.98	$473.96
700-1-60	SINGLE POST SIGN, REMOVE	15.00 AS	$24.01	$360.15
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	2.00 AS	$3,577.16	$7,154.32
700-2-60	MULTI- POST SIGN, REMOVE	2.00 AS	$376.34	$752.68
	Signing Component Total			$17,623.52

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	6 Lane Mast Arm
Multiplier	1
Description	Gatlin Blvd. EB & WB at Savage Blvd. Intersection

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	700.00 LF	$7.97	$5,579.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	300.00 LF	$18.34	$5,502.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00 PI	$4,612.97	$4,612.97
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	22.00 EA	$697.32	$15,341.04
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00 AS	$2,741.69	$2,741.69
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00 LF	$2.73	$163.80
641-2-11	PREST CNC POLE,F&I,TYP P-II,PEDESTAL	2.00 EA	$1,038.67	$2,077.34
649-21-21	STEEL MAST ARM ASSEMBLY, F&I, 78'	2.00 EA	$46,958.02	$93,916.04
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	10.00 AS	$975.52	$9,755.20
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	$639.22	$5,113.76
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	10.00 EA	$224.29	$2,242.90
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	10.00 AS	$1,114.85	$11,148.50
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	$144.27	$1,154.16
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00 AS	$26,550.76	$26,550.76
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00 EA	$287.75	$1,151.00

Signalization 2

Description	Value
Type	2 Lane Mast Arm
Multiplier	1
Description	Savage Blvd (North of Gatlin Blvd.) and SW Foundura Rd. (South of Gatlin Blvd.)

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	800.00	LF	$7.97	$6,376.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	200.00	LF	$18.34	$3,668.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	$4,612.97	$4,612.97
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	12.00	EA	$697.32	$8,367.84
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	$2,741.69	$2,741.69
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00	LF	$2.73	$163.80
641-2-11	PREST CNC POLE,F&I,TYP P-II,PEDESTAL	2.00	EA	$1,038.67	$2,077.34
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	8.00	AS	$975.52	$7,804.16
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	4.00	AS	$639.22	$2,556.88
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	8.00	EA	$224.29	$1,794.32
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	8.00	AS	$1,114.85	$8,918.80
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	4.00	EA	$144.27	$577.08
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00	AS	$26,550.76	$26,550.76
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00	EA	$287.75	$1,151.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
649-21-3	STEEL MAST ARM ASSEMBLY, F&I, 40'	2.00	EA	$36,664.67	$73,329.34

Signalizations Component Total $337,740.14

LIGHTING COMPONENT

Conventional Lighting Subcomponent

Description	Value
Spacing	MAX

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	3,435.17	LF	$7.97	$27,378.30
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	448.26	LF	$18.34	$8,221.09
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	14.00	EA	$697.32	$9,762.48
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	11,650.29	LF	$1.42	$16,543.41

715-4-13	LIGHT POLE COMPLETE, F&I-STD, 40'	14.00 EA	$7,083.33	$99,166.62
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	14.00 EA	$729.64	$10,214.96
	Subcomponent Total			$171,286.87
	Lighting Component Total			$171,286.86
Sequence 10 Total				$4,619,133.45

Sequence: 11 WDU - Widen/Resurface, Divided, Urban

Net Length: 0.114 MI 600 LF

Description: Brescia Street Improvements
Special Conditions: Mill & Resurface 5-Lanes Widen 1-Lane

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	25.00 / 15.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.114
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.55	AC	$14,621.42	$8,041.78
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	1,110.65	CY	$12.06	$13,394.44
	Earthwork Component Total				$21,436.22

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	5
Existing Roadway Pavement Width L/R	36.00 / 24.00
Structural Spread Rate	110
Friction Course Spread Rate	110
Widened Outside Pavement Width L/R	12.00 / 0.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	110

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	971.69	SY	$8.15	$7,919.27
285-709	OPTIONAL BASE,BASE GROUP 09	821.74	SY	$16.58	$13,624.45
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	3,998.72	SY	$5.91	$23,632.44

334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	219.93 TN	$99.97	$21,986.40
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	109.96 TN	$99.97	$10,992.70
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	219.93 TN	$250.88	$55,176.04
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	43.99 TN	$250.88	$11,036.21

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
711-11-103	THERMOPLASTIC, STD, WHITE, SOLID, 12"	0.06	GM	$6,338.33	$380.30
	Comment: Pedestrian Crossings				
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	86.00	LF	$3.82	$328.52
	Comment: Stop Bars				
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE	18.00	EA	$99.91	$1,798.38
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	18.00	EA	$71.34	$1,284.12

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	3

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	61.00	EA	$3.77	$229.97
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.45	GM	$5,203.75	$2,341.69
711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	0.34	GM	$1,407.70	$478.62
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	0.45	GM	$5,134.92	$2,310.71
	Roadway Component Total				$153,519.83

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	7.25 / 17.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	0.00 / 10.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	599.81	LF	$22.48	$13,483.73
520-1-10	CONCRETE CURB & GUTTER, TYPE F	599.81	LF	$22.48	$13,483.73
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	666.45	SY	$41.04	$27,351.11
570-1-1	PERFORMANCE TURF	666.45	SY	$1.62	$1,079.65

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,199.62	LF	$1.60	$1,919.39
104-11	FLOATING TURBIDITY BARRIER	11.36	LF	$9.86	$112.01
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	11.36	LF	$5.65	$64.18
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,019.35	$3,019.35
104-18	INLET PROTECTION SYSTEM	6.00	EA	$111.87	$671.22
107-1	LITTER REMOVAL	0.99	AC	$27.89	$27.61
107-2	MOWING	0.99	AC	$50.07	$49.57
	Shoulder Component Total				$61,261.55

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	0.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-5-11	TRAF SEP CONC-TYPE I, 4' WIDE	150.00	LF	$40.36	$6,054.00
	Median Component Total				$6,054.00

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	2.04	CY	$1,640.37	$3,346.35
425-1-351	INLETS, CURB, TYPE P-5, <10'	5.00	EA	$5,078.02	$25,390.10
425-1-451	INLETS, CURB, TYPE J-5, <10'	2.00	EA	$9,616.17	$19,232.34
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	64.00	LF	$103.02	$6,593.28
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	24.00	LF	$122.44	$2,938.56
570-1-1	PERFORMANCE TURF	34.53	SY	$1.62	$55.94
	Drainage Component Total				$57,556.57

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	3.00	AS	$444.33	$1,332.99
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,108.73	$1,108.73
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$236.98	$236.98
700-1-60	SINGLE POST SIGN, REMOVE	3.00	AS	$24.01	$72.03
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$3,577.16	$3,577.16
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$376.34	$376.34
	Signing Component Total				$6,704.23

Sequence 11 Total $306,532.40

Sequence: 12 WUU - Widen/Resurface, Undivided, Urban

Net Length: 0.114 MI 600 LF

Description: SW Fondura Road Improvements (South of Gatlin Blvd.)

Special Conditions: Mill & Resurface 3-Lane. Widen 1-Lane and construct sidewalk

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EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	15.00 / 15.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.114
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.41	AC	$14,621.42	$5,994.78
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	856.06	CY	$12.06	$10,324.08
	Earthwork Component Total				$16,318.86

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	3
Existing Roadway Pavement Width L/R	12.00 / 12.00
Structural Spread Rate	110
Friction Course Spread Rate	110
Widened Outside Pavement Width L/R	0.00 / 12.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	110

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	971.69	SY	$8.15	$7,919.27
285-709	OPTIONAL BASE,BASE GROUP 09	821.74	SY	$16.58	$13,624.45
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	1,599.49	SY	$5.91	$9,452.99
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	87.97	TN	$99.97	$8,794.36
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	109.96	TN	$99.97	$10,992.70

337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	87.97 TN	$250.88	$22,069.91
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	43.99 TN	$250.88	$11,036.21

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	61.00	EA	$3.77	$229.97
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.45	GM	$5,203.75	$2,341.69
711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	0.23	GM	$1,407.70	$323.77
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	0.45	GM	$5,134.92	$2,310.71
	Roadway Component Total				$89,096.04

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	8.25 / 12.25
Total Outside Shoulder Perf. Turf Width L/R	6.00 / 0.00
Sidewalk Width L/R	0.00 / 10.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	599.81	LF	$22.48	$13,483.73
520-1-10	CONCRETE CURB & GUTTER, TYPE F	599.81	LF	$22.48	$13,483.73
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	666.45	SY	$41.04	$27,351.11
570-1-1	PERFORMANCE TURF	399.87	SY	$1.62	$647.79

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,199.62	LF	$1.60	$1,919.39
104-11	FLOATING TURBIDITY BARRIER	11.36	LF	$9.86	$112.01
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	11.36	LF	$5.65	$64.18

104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	$3,019.35	$3,019.35
104-18	INLET PROTECTION SYSTEM	6.00 EA	$111.87	$671.22
107-1	LITTER REMOVAL	0.52 AC	$27.89	$14.50
107-2	MOWING	0.52 AC	$50.07	$26.04
	Shoulder Component Total			$60,793.05

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	5.00	EA	$5,078.02	$25,390.10
425-1-451	INLETS, CURB, TYPE J-5, <10'	2.00	EA	$9,616.17	$19,232.34
425-1-521	INLETS, DT BOT, TYPE C, <10'	1.00	EA	$3,158.92	$3,158.92
425-2-41	MANHOLES, P-7, <10'	1.00	EA	$3,999.05	$3,999.05
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	224.00	LF	$103.02	$23,076.48
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	568.00	LF	$160.89	$91,385.52
570-1-1	PERFORMANCE TURF	34.53	SY	$1.62	$55.94
	Drainage Component Total				$166,298.35

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	3.00	AS	$444.33	$1,332.99
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,108.73	$1,108.73
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$236.98	$236.98
700-1-60	SINGLE POST SIGN, REMOVE	3.00	AS	$24.01	$72.03
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$3,577.16	$3,577.16
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$376.34	$376.34
	Signing Component Total				$6,704.23

Sequence 12 Total $339,210.53

Sequence: 13 WDU - Widen/Resurface, Divided, Urban **Net Length:** 0.337 MI 1,780 LF

Description: Village Parkway Improvements
Special Conditions: Milling and Resurfacing. Widen 1-bike lane and SB right turn lane. New Bridge Construction

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	25.00 / 25.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.337
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	2.04	AC	$14,621.42	$29,827.70
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	11,643.60	CY	$12.06	$140,421.82
	Earthwork Component Total				$170,249.52

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	10
Existing Roadway Pavement Width L/R	55.00 / 33.00
Structural Spread Rate	110
Friction Course Spread Rate	110
Widened Outside Pavement Width L/R	7.00 / 7.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	110
Widened Friction Course Spread Rate	110

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	3,789.18	SY	$8.15	$30,881.82
285-709	OPTIONAL BASE,BASE GROUP 09	2,899.24	SY	$16.58	$48,069.40
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	17,403.35	SY	$5.91	$102,853.80

334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	957.18 TN	$99.97	$95,689.28
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	152.28 TN	$99.97	$15,223.43
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	957.18 TN	$250.88	$240,137.32
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	152.28 TN	$250.88	$38,204.01

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	832.00 SY	$8.15	$6,780.80
	Comment: 11-ft Right Turn Lanes, Length=480' North and 200' South of intersection			
285-709	OPTIONAL BASE,BASE GROUP 09	832.00 SY	$16.58	$13,794.56
	Comment: 11-ft Right Turn Lanes, Length=480' North and 200' South of intersection			
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,029.00 TN	$99.97	$102,869.13
	Comment: 11-ft Right Turn Lanes, Length=480' North and 200' South of intersection. Structural Spread Rate 275			
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	412.00 TN	$250.88	$103,362.56
	Comment: 11-ft Right Turn Lanes, Length=480' North and 200' South of intersection. Structural Spread Rate 110			
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	750.00 LF	$3.82	$2,865.00
	Comment: Pedestrian crossings			
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	26.00 EA	$71.34	$1,854.84
	Comment: Pedestrian crossings			

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	8

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	410.00 EA	$3.77	$1,545.70
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	1.35 GM	$5,203.75	$7,025.06
711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	2.70 GM	$1,407.70	$3,800.79
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	1.35 GM	$5,134.92	$6,932.14
	Roadway Component Total			$821,889.63

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	14.25 / 14.25
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Sidewalk Width L/R	10.00 / 10.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,779.89	LF	$22.48	$40,011.93
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,779.89	LF	$22.48	$40,011.93
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	3,955.31	SY	$41.04	$162,325.92
570-1-1	PERFORMANCE TURF	791.06	SY	$1.62	$1,281.52

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	3,559.78	LF	$1.60	$5,695.65
104-11	FLOATING TURBIDITY BARRIER	700.00	LF	$9.86	$6,902.00
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	50.00	LF	$5.65	$282.50
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,019.35	$3,019.35
104-18	INLET PROTECTION SYSTEM	16.00	EA	$111.87	$1,789.92
107-1	LITTER REMOVAL	2.94	AC	$27.89	$82.00
107-2	MOWING	2.94	AC	$50.07	$147.21
	Shoulder Component Total				$261,549.93

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-5-11	TRAF SEP CONC-TYPE I, 4' WIDE	1,015.00	LF	$40.36	$40,965.40
570-1-1	PERFORMANCE TURF	1,056.07	SY	$1.62	$1,710.83

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	845.00	LF	$22.48	$18,995.60
	Comment: Median and median islands				
570-1-2	PERFORMANCE TURF, SOD	335.00	SY	$3.29	$1,102.15

	Median Component Total	$62,773.98

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	6.07 CY	$1,640.37	$9,957.05
425-1-351	INLETS, CURB, TYPE P-5, <10'	13.00 EA	$5,078.02	$66,014.26
425-1-451	INLETS, CURB, TYPE J-5, <10'	4.00 EA	$9,616.17	$38,464.68
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	192.00 LF	$103.02	$19,779.84
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	56.00 LF	$122.44	$6,856.64
570-1-1	PERFORMANCE TURF	102.48 SY	$1.62	$166.02
	Drainage Component Total			$141,238.49

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	8.00 AS	$444.33	$3,554.64
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00 AS	$1,108.73	$1,108.73
700-1-50	SINGLE POST SIGN, RELOCATE	1.00 AS	$236.98	$236.98
700-1-60	SINGLE POST SIGN, REMOVE	8.00 AS	$24.01	$192.08
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00 AS	$3,577.16	$3,577.16
700-2-60	MULTI- POST SIGN, REMOVE	1.00 AS	$376.34	$376.34
	Signing Component Total			$9,045.93

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	6 Lane Mast Arm
Multiplier	2
Description	Village Parkway and Tradition Parkway intersection.

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,400.00 LF	$7.97	$11,158.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	600.00 LF	$18.34	$11,004.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	2.00 PI	$4,612.97	$9,225.94
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	44.00 EA	$697.32	$30,682.08
639-1-112	ELECTRICAL POWER	2.00 AS	$2,741.69	$5,483.38

	SRV,F&I,OH,M,PUR BY CON			
639-2-1	ELECTRICAL SERVICE WIRE, F&I	120.00 LF	$2.73	$327.60
641-2-11	PREST CNC POLE,F&I,TYP P-II,PEDESTAL	2.00 EA	$1,038.67	$2,077.34
649-21-21	STEEL MAST ARM ASSEMBLY, F&I, 78'	12.00 EA	$46,958.02	$563,496.24
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	16.00 AS	$975.52	$15,608.32
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	16.00 AS	$639.22	$10,227.52
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	20.00 EA	$224.29	$4,485.80
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	20.00 AS	$1,114.85	$22,297.00
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	16.00 EA	$144.27	$2,308.32
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	2.00 AS	$26,550.76	$53,101.52
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	12.00 EA	$287.75	$3,453.00

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
649-21-1	STEEL MAST ARM ASSEMBLY, F&I, 30'	4.00 EA	$29,248.64	$116,994.56
	Comment: Right Turn signal (SW and SE of intersection)			
	Signalizations Component Total			$861,930.62

BRIDGES COMPONENT

Bridge 1

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	150.00
Width (LF)	155.00
Type	Medium Level
Cost Factor	1.20
Structure No.	
Removal of Existing Structures area	17,826.00
Default Cost per SF	$65.00
Factored Cost per SF	$78.00
Final Cost per SF	**$87.46**
Basic Bridge Cost	**$1,813,500.00**
Description	BRIDGE ALONG VILLAGE PARKWAY

Bridge Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	17,826.00 SF	$17.41	$310,350.66
400-2-10	CONC CLASS II, APPROACH SLABS	344.44 CY	$465.17	$160,223.15
415-1-9	REINF STEEL- APPROACH SLABS	60,277.00 LB	$0.99	$59,674.23
	Bridge 1 Total			$2,343,748.04

Bridges Component Total	$2,343,748.04
Sequence 13 Total	$4,672,426.14

Sequence: 14 WDU - Widen/Resurface, Divided, Urban

Net Length: 0.180 MI / 950 LF

Description: Tradition Parkway (West of Village Parkway) Improvements

Special Conditions: Mill & Resurface 2-Lane. Widen 1-Lane and bike lane

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	25.00 / 25.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.180
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.09	AC	$14,621.42	$15,937.35
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	5,344.77	CY	$12.06	$64,457.93
	Earthwork Component Total				$80,395.28

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	6
Existing Roadway Pavement Width L/R	22.00 / 55.00
Structural Spread Rate	110
Friction Course Spread Rate	110
Widened Outside Pavement Width L/R	7.00 / 7.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	110

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	2,022.17	SY	$8.15	$16,480.69
285-709	OPTIONAL BASE,BASE GROUP 09	1,547.24	SY	$16.58	$25,653.24
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	8,126.68	SY	$5.91	$48,028.68

334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	446.97 TN	$99.97	$44,683.59
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	203.17 TN	$99.97	$20,310.90
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	446.97 TN	$250.88	$112,135.83
337-7-82	ASPH CONC FC,TRAFFIC C,FC-9.5,PG 76-22	81.27 TN	$250.88	$20,389.02

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	121.00	EA	$3.77	$456.17
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.72	GM	$5,203.75	$3,746.70
711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	0.72	GM	$1,407.70	$1,013.54
711-16-201	THERMOPLASTIC, STD-OTH,YELLOW, SOLID, 6"	0.72	GM	$5,134.92	$3,697.14
	Roadway Component Total				$296,595.51

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	5.00 / 5.00
New Total Outside Shoulder Width L/R	17.25 / 17.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	10.00 / 10.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	949.87	LF	$22.48	$21,353.08
520-1-10	CONCRETE CURB & GUTTER, TYPE F	949.87	LF	$22.48	$21,353.08
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	2,110.83	SY	$41.04	$86,628.46
570-1-1	PERFORMANCE TURF	1,055.41	SY	$1.62	$1,709.76

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount

104-10-3	SEDIMENT BARRIER	1,899.74 LF	$1.60	$3,039.58
104-11	FLOATING TURBIDITY BARRIER	17.99 LF	$9.86	$177.38
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	17.99 LF	$5.65	$101.64
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	$3,019.35	$3,019.35
104-18	INLET PROTECTION SYSTEM	9.00 EA	$111.87	$1,006.83
107-1	LITTER REMOVAL	1.57 AC	$27.89	$43.79
107-2	MOWING	1.57 AC	$50.07	$78.61
	Shoulder Component Total			$138,511.56

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	10.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-5-11	TRAF SEP CONC-TYPE I, 4' WIDE	261.00	LF	$40.36	$10,533.96
570-1-1	PERFORMANCE TURF	1,055.41	SY	$1.62	$1,709.76
	Median Component Total				$12,243.72

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	3.24	CY	$1,640.37	$5,314.80
425-1-351	INLETS, CURB, TYPE P-5, <10'	7.00	EA	$5,078.02	$35,546.14
425-1-451	INLETS, CURB, TYPE J-5, <10'	2.00	EA	$9,616.17	$19,232.34
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	104.00	LF	$103.02	$10,714.08
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	32.00	LF	$122.44	$3,918.08
570-1-1	PERFORMANCE TURF	54.69	SY	$1.62	$88.60
	Drainage Component Total				$74,814.04

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	4.00	AS	$444.33	$1,777.32
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,108.73	$1,108.73
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$236.98	$236.98
700-1-60	SINGLE POST SIGN, REMOVE	4.00	AS	$24.01	$96.04

700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00 AS	$3,577.16	$3,577.16
700-2-60	MULTI- POST SIGN, REMOVE	1.00 AS	$376.34	$376.34
	Signing Component Total			$7,172.57

Sequence 14 Total $609,732.68

Sequence: 15 MIS - Miscellaneous Construction

Net Length: 0.000 MI 0 LF

Description: Park and Ride facility

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	0.00 / 0.00
Incidental Clearing and Grubbing Area	0.00

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	6.80 AC	$14,621.42	$99,425.66
	Comment: 280' x 1050' = 6.75 Ac			
120-6	EMBANKMENT	5,444.00 CY	$11.11	$60,482.84
	Comment: 280x105x5/27 = 5444 cf			
	Earthwork Component Total			$159,908.50

ROADWAY COMPONENT

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	11,544.00 SY	$8.15	$94,083.60
	Comment: 103888 SF/9=11,544.1			
285-709	OPTIONAL BASE,BASE GROUP 09	11,544.00 SY	$16.58	$191,399.52
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,905.00 TN	$99.97	$190,442.85
	Comment: 11544*330/2000 =			
	Roadway Component Total			$475,925.97

SHOULDER COMPONENT

User Input Data

Description	Value

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	2,011.00 SY	$41.04	$82,531.44
	Comment: 18,098 SF/9 = 2,011 SY			
570-1-2	PERFORMANCE TURF, SOD	13,439.00 SY	$3.29	$44,214.31
	Comment: 120,944 SF/9 = 13,439			
	Shoulder Component Total			$126,745.75

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	6.00	EA	$5,078.02	$30,468.12
425-1-361	INLETS, CURB, TYPE P-6, <10'	6.00	EA	$5,516.85	$33,101.10
425-1-521	INLETS, DT BOT, TYPE C, <10'	3.00	EA	$3,158.92	$9,476.76
425-2-41	MANHOLES, P-7, <10'	3.00	EA	$3,999.05	$11,997.15
430-174-118	PIPE CULV, OPT MATL, ROUND,18"SD	360.00	LF	$100.41	$36,147.60
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	240.00	LF	$114.42	$27,460.80
	Drainage Component Total				$148,651.53

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	8.00	AS	$444.33	$3,554.64
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	2.00	AS	$1,108.73	$2,217.46
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	4.00	AS	$3,577.16	$14,308.64
700-2-16	MULTI- POST SIGN, F&I GM, 101-200 SF	2.00	AS	$10,473.50	$20,947.00
	Signing Component Total				$41,027.74

LIGHTING COMPONENT

High Mast Lighting Subcomponent

Description	Value
Multiplier (Number of Poles)	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,000.00	LF	$7.97	$7,970.00
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	4.00	EA	$697.32	$2,789.28
715-1-12	LIGHTING CONDUCTORS, F&I, INSUL,NO.8-6	1,000.00	LF	$1.08	$1,080.00
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	3,000.00	LF	$1.42	$4,260.00
715-7-11	LOAD CENTER, F&I, SECONDARY VOLTAGE	1.00	EA	$11,841.00	$11,841.00
715-19-13	HIGH MAST LIGHT POLE, F&I, 120'	2.00	EA	$59,227.75	$118,455.50
715-500-2	POLE CABLE DISTRIBUTION SYS, HIGH MAST	2.00	EA	$373.07	$746.14
	Subcomponent Total				$147,141.92
	Lighting Component Total				$147,141.92

Sequence 15 Total $1,099,401.41

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: GATLIN-1-99-01 **Letting Date:** 01/2099

Description: I95/Gatlin Blvd DDI

District: 04 **County:** 94 ST. LUCIE **Market Area:** 11 **Units:** English

Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 1.600 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$28,734,746.75**

Description: I95/Gatlin Blvd DDI and Park & Ride Facility

Project Sequences Subtotal			**$23,623,757.65**
102-1	Maintenance of Traffic	10.00 %	$2,362,375.76
101-1	Mobilization	10.00 %	$2,598,613.34
Project Sequences Total			**$28,584,746.75**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$150,000.00	$150,000.00
Project Non-Bid Subtotal					**$150,000.00**
Version 1-P Project Grand Total					**$28,734,746.75**

Crosstown Parkway

Date: 12/13/2018 3:18:44 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: CROSST-1-52-01 **Letting Date:** 01/2099

Description: Crosstown Parkway Concept

District: 04 **County:** 94 ST. LUCIE **Market Area:** 11 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.758 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$21,646,596.58**
Description: Crosstown Parkway Concept

Sequence: 1 WUR - Widen/Resurface, Undivided, Rural **Net Length:** 0.285 MI
1,505 LF

Description: Southbound on-ramp, assume 2-lane ramp for full length

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	30.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.500
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	2.07	AC	$13,867.17	$28,705.04
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	172.09	CY	$12.06	$2,075.41
	Earthwork Component Total				$30,780.45

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Existing Roadway Pavement Width L/R	10.00 / 10.00
Structural Spread Rate	165
Friction Course Spread Rate	80

Widened Outside Pavement Width L/R	2.00 / 2.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	4,012.80	SY	$5.35	$21,468.48
285-709	OPTIONAL BASE,BASE GROUP 09	779.15	SY	$14.38	$11,204.18
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	3,344.00	SY	$5.91	$19,763.04
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	275.88	TN	$98.40	$27,146.59
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	91.96	TN	$98.40	$9,048.86
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	133.76	TN	$144.39	$19,313.61
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	55.18	TN	$144.39	$7,967.44

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	38.00	EA	$3.48	$132.24
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.14	GM	$995.47	$1,134.84
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	0.57	GM	$270.77	$154.34
	Roadway Component Total				$117,333.61

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	10.00 / 10.00
New Total Outside Shoulder Width L/R	10.00 / 10.00
Total Outside Shoulder Perf. Turf Width L/R	2.67 / 2.67
Existing Paved Outside Shoulder Width L/R	5.00 / 5.00
New Paved Outside Shoulder Width L/R	5.00 / 5.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	1,782.35	SY	$16.34	$29,123.60
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	1,672.00	SY	$3.98	$6,654.56
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	91.96	TN	$98.40	$9,048.86
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	66.88	TN	$144.39	$9,656.80
570-1-1	PERFORMANCE TURF	892.85	SY	$1.64	$1,464.27

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	3,461.04	LF	$1.45	$5,018.51
104-11	FLOATING TURBIDITY BARRIER	28.50	LF	$9.83	$280.16
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	28.50	LF	$4.73	$134.80
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,042.75	$3,042.75
104-18	INLET PROTECTION SYSTEM	1.00	EA	$99.62	$99.62
107-1	LITTER REMOVAL	0.69	AC	$27.46	$18.95
107-2	MOWING	0.69	AC	$52.48	$36.21
	Shoulder Component Total				$64,579.09

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	5.13	CY	$1,640.37	$8,415.10
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	48.00	LF	$107.53	$5,161.44
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	24.00	LF	$118.46	$2,843.04
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	3.00	EA	$1,687.67	$5,063.01
570-1-1	PERFORMANCE TURF	115.14	SY	$1.64	$188.83
	Drainage Component Total				$21,671.42

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$450.57	$450.57
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	6.00	AS	$1,195.08	$7,170.48
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$271.75	$271.75
700-1-60	SINGLE POST SIGN, REMOVE	6.00	AS	$23.51	$141.06
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	1.00	AS	$3,160.43	$3,160.43

700-2-60	MULTI- POST SIGN, REMOVE	1.00 AS	$374.54	$374.54
	Signing Component Total			$11,568.83
Sequence 1 Total				$245,933.40

Sequence: 2 NDR - New Construction, Divided, Rural **Net Length:** 0.285 MI 1,505 LF

Description: Southbound on-ramp to I-95. Assume 2-lane ramp for full length

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	25.00 / 25.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.285
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.73	AC	$13,867.17	$23,990.20
120-6	EMBANKMENT	24,468.61	CY	$8.64	$211,408.79
	Earthwork Component Total				$235,398.99

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Roadway Pavement Width L/R	12.00 / 12.00
Structural Spread Rate	330
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	10,032.00	SY	$5.35	$53,671.20
285-709	OPTIONAL BASE,BASE GROUP 09	4,233.50	SY	$14.38	$60,877.73
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	662.11	TN	$98.40	$65,151.62
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	160.51	TN	$147.49	$23,673.62

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4

Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	38.00	EA	$3.48	$132.24
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	2.28	GM	$995.47	$2,269.67
	Roadway Component Total				$205,776.08

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	8.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Paved Outside Shoulder Width L/R	4.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	2,451.15	SY	$16.34	$40,051.79
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	128.74	TN	$98.40	$12,668.02
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	8.83	TN	$147.49	$1,302.34
570-1-1	PERFORMANCE TURF	668.80	SY	$1.64	$1,096.83

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	3,912.48	LF	$1.45	$5,673.10
104-11	FLOATING TURBIDITY BARRIER	71.25	LF	$9.83	$700.39
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	71.25	LF	$4.73	$337.01
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,042.75	$3,042.75
104-18	INLET PROTECTION SYSTEM	2.00	EA	$99.62	$199.24
107-1	LITTER REMOVAL	6.91	AC	$27.46	$189.75
107-2	MOWING	6.91	AC	$52.48	$362.64
	Shoulder Component Total				$65,623.84

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount

400-2-2	CONC CLASS II, ENDWALLS	5.13 CY	$1,640.37	$8,415.10
425-1-551	INLETS, DT BOT, TYPE E, <10'	2.00 EA	$3,836.59	$7,673.18
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	232.00 LF	$107.53	$24,946.96
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	104.00 LF	$88.57	$9,211.28
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	88.00 LF	$118.46	$10,424.48
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	12.00 EA	$1,687.67	$20,252.04
524-1-1	CONCRETE DITCH PAVT, NR, 3"	570.00 SY	$260.00	$148,200.00
570-1-1	PERFORMANCE TURF	200.64 SY	$1.64	$329.05
	Drainage Component Total			$229,452.09

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$450.57	$450.57
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	7.00	AS	$1,195.08	$8,365.56
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$3,781.20	$3,781.20
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	2.00	AS	$4,539.12	$9,078.24
	Signing Component Total				$21,675.57

Sequence 2 Total $757,926.57

Sequence: 3 NDR - New Construction, Divided, Rural **Net Length:** 0.086 MI
455 LF

Description: Northbound off-ramp from I-95. Single lane ramp

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	25.00 / 25.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.086
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.52	AC	$13,867.17	$7,210.93
120-6	EMBANKMENT	3,693.69	CY	$8.64	$31,913.48
	Earthwork Component Total				$39,124.41

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	1
Roadway Pavement Width L/R	15.00 / 0.00
Structural Spread Rate	330
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	2,174.54	SY	$5.35	$11,633.79
285-709	OPTIONAL BASE,BASE GROUP 09	791.94	SY	$14.38	$11,388.10
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	125.16	TN	$98.40	$12,315.74
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	30.34	TN	$147.49	$4,474.85

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4

Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.69	GM	$995.47	$686.87
	Roadway Component Total				$40,499.35

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	6.00 / 6.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Paved Outside Shoulder Width L/R	2.00 / 4.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	336.80	SY	$16.34	$5,503.31
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	16.69	TN	$98.40	$1,642.30
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	2.67	TN	$147.49	$393.80
570-1-1	PERFORMANCE TURF	202.28	SY	$1.64	$331.74

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,183.35	LF	$1.45	$1,715.86
104-11	FLOATING TURBIDITY BARRIER	21.55	LF	$9.83	$211.84
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	21.55	LF	$4.73	$101.93
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,042.75	$3,042.75
104-18	INLET PROTECTION SYSTEM	1.00	EA	$99.62	$99.62
107-1	LITTER REMOVAL	2.09	AC	$27.46	$57.39
107-2	MOWING	2.09	AC	$52.48	$109.68
	Shoulder Component Total				$13,210.22

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	1.55	CY	$1,640.37	$2,542.57
425-1-551	INLETS, DT BOT, TYPE E, <10'	1.00	EA	$3,836.59	$3,836.59

430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	72.00 LF	$107.53	$7,742.16
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	32.00 LF	$88.57	$2,834.24
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	32.00 LF	$118.46	$3,790.72
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	4.00 EA	$1,687.67	$6,750.68
524-1-1	CONCRETE DITCH PAVT, NR, 3"	172.40 SY	$260.00	$44,824.00
570-1-1	PERFORMANCE TURF	60.68 SY	$1.64	$99.52
	Drainage Component Total			$72,420.48

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$450.57	$450.57
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	3.00	AS	$1,195.08	$3,585.24
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$3,781.20	$3,781.20
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	1.00	AS	$4,539.12	$4,539.12
	Signing Component Total				$12,356.13

Sequence 3 Total $177,610.59

Sequence: 4 NDR - New Construction, Divided, Rural **Net Length:** 0.223 MI 1,175 LF

Description: Northbound and southbound off-ramps from I-95. 4-lane ramp

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	50.00 / 50.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.222
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	2.69	AC	$13,867.17	$37,302.69
120-6	EMBANKMENT	22,015.34	CY	$8.64	$190,212.54
	Earthwork Component Total				$227,515.22

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	4
Roadway Pavement Width L/R	24.00 / 24.00
Structural Spread Rate	330
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	10,964.80	SY	$5.35	$58,661.68
285-709	OPTIONAL BASE,BASE GROUP 09	6,437.90	SY	$14.38	$92,577.00
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,033.82	TN	$98.40	$101,727.89
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	250.62	TN	$147.49	$36,963.94

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4

Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	90.00	EA	$3.48	$313.20
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.78	GM	$995.47	$1,771.94
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.89	GM	$295.93	$263.38
	Roadway Component Total				$292,279.02

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	8.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Paved Outside Shoulder Width L/R	4.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	1,913.62	SY	$16.34	$31,268.55
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	100.51	TN	$98.40	$9,890.18
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	6.89	TN	$147.49	$1,016.21
570-1-1	PERFORMANCE TURF	522.13	SY	$1.64	$856.29

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	3,054.48	LF	$1.45	$4,429.00
104-11	FLOATING TURBIDITY BARRIER	55.62	LF	$9.83	$546.74
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	55.62	LF	$4.73	$263.08
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,042.75	$3,042.75
104-18	INLET PROTECTION SYSTEM	2.00	EA	$99.62	$199.24
107-1	LITTER REMOVAL	5.39	AC	$27.46	$148.01
107-2	MOWING	5.39	AC	$52.48	$282.87
	Shoulder Component Total				$51,942.92

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	4.00	CY	$1,640.37	$6,561.48
425-1-551	INLETS, DT BOT, TYPE E, <10'	2.00	EA	$3,836.59	$7,673.18
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	184.00	LF	$107.53	$19,785.52
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	80.00	LF	$88.57	$7,085.60
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	72.00	LF	$118.46	$8,529.12
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	9.00	EA	$1,687.67	$15,189.03
524-1-1	CONCRETE DITCH PAVT, NR, 3"	445.00	SY	$260.00	$115,700.00
570-1-1	PERFORMANCE TURF	156.64	SY	$1.64	$256.89
	Drainage Component Total				$180,780.82

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$450.57	$450.57
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	6.00	AS	$1,195.08	$7,170.48
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$3,781.20	$3,781.20
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	2.00	AS	$4,539.12	$9,078.24
	Signing Component Total				$20,480.49

Sequence 4 Total $772,998.47

Sequence: 5 NDU - New Construction, Divided, Urban **Net Length:** 0.901 MI 4,755 LF

Description: Crosstown 3-lane sections reconstruction

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	105.00 / 105.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.901
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	22.93	AC	$13,867.17	$317,974.21
120-6	EMBANKMENT	127,562.06	CY	$8.64	$1,102,136.20
	Earthwork Component Total				$1,420,110.41

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	6
Roadway Pavement Width L/R	43.00 / 43.00
Structural Spread Rate	330
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	50,890.86	SY	$5.35	$272,266.10
285-709	OPTIONAL BASE,BASE GROUP 09	45,438.27	SY	$14.38	$653,402.32
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	7,497.31	TN	$98.40	$737,735.30
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	3,748.66	TN	$144.39	$541,269.02

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2

Skip Stripe No. of Stripes	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	608.00	EA	$3.48	$2,115.84
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	7.20	GM	$995.47	$7,167.38
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	7.20	GM	$295.93	$2,130.70
	Roadway Component Total				$2,216,086.66

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	17.25 / 17.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	10.00 / 10.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	4,755.17	LF	$20.40	$97,005.47
520-1-10	CONCRETE CURB & GUTTER, TYPE F	4,755.17	LF	$20.40	$97,005.47
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	10,567.04	SY	$37.85	$399,962.46
570-1-1	PERFORMANCE TURF	5,283.52	SY	$1.64	$8,664.97

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	9,510.34	LF	$1.45	$13,789.99
104-11	FLOATING TURBIDITY BARRIER	225.15	LF	$9.83	$2,213.22
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	225.15	LF	$4.73	$1,064.96
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,042.75	$3,042.75
104-18	INLET PROTECTION SYSTEM	46.00	EA	$99.62	$4,582.52
107-1	LITTER REMOVAL	22.92	AC	$27.46	$629.38
107-2	MOWING	22.92	AC	$52.48	$1,202.84
	Shoulder Component Total				$629,164.04

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	9,510.34	LF	$21.03	$200,002.45
570-1-1	PERFORMANCE TURF	2,821.40	SY	$1.64	$4,627.10
	Median Component Total				$204,629.55

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	16.21	CY	$1,640.37	$26,590.40
425-1-351	INLETS, CURB, TYPE P-5, <10'	33.00	EA	$4,881.13	$161,077.29
425-1-451	INLETS, CURB, TYPE J-5, <10'	10.00	EA	$7,515.39	$75,153.90
425-1-521	INLETS, DT BOT, TYPE C, <10'	5.00	EA	$3,158.92	$15,794.60
425-2-41	MANHOLES, P-7, <10'	5.00	EA	$3,755.26	$18,776.30
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	2,384.00	LF	$88.57	$211,150.88
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	216.00	LF	$118.46	$25,587.36
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	4,504.00	LF	$160.89	$724,648.56
570-1-1	PERFORMANCE TURF	273.78	SY	$1.64	$449.00
	Drainage Component Total				$1,259,228.29

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	22.00	AS	$450.57	$9,912.54
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	2.00	AS	$1,195.08	$2,390.16
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	2.00	AS	$4,539.12	$9,078.24
700-2-16	MULTI- POST SIGN, F&I GM, 101-200 SF	2.00	AS	$10,473.50	$20,947.00
	Signing Component Total				$42,327.94

LIGHTING COMPONENT

Conventional Lighting Subcomponent

Description	Value
Spacing	MIN

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	4,755.17	LF	$6.45	$30,670.85

630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	943.83 LF	$18.34	$17,309.84
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	32.00 EA	$712.35	$22,795.20
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	17,367.17 LF	$1.43	$24,835.05
715-4-13	LIGHT POLE COMPLETE, F&I-STD, 40'	32.00 EA	$7,083.33	$226,666.56
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	32.00 EA	$672.92	$21,533.44
	Subcomponent Total			$343,810.94
	Lighting Component Total			$343,810.94

Sequence 5 Total $6,115,357.83

Sequence: 6 NDU - New Construction, Divided, Urban **Net Length:** 0.310 MI
1,635 LF

Description: Crosstown 6-lane sections reconstruction, includes bridge replacement and signals

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	105.00 / 105.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.310
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	7.89	AC	$13,867.17	$109,411.97
120-6	EMBANKMENT	51,151.82	CY	$8.64	$441,951.72
	Earthwork Component Total				$551,363.70

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	12
Roadway Pavement Width L/R	76.00 / 76.00
Structural Spread Rate	330
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	29,492.03	SY	$5.35	$157,782.36
285-709	OPTIONAL BASE,BASE GROUP 09	27,616.98	SY	$14.38	$397,132.17
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	4,556.80	TN	$98.40	$448,389.12
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	2,278.40	TN	$144.39	$328,978.18

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2

Skip Stripe No. of Stripes	10

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	460.00	EA	$3.48	$1,600.80
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	2.48	GM	$995.47	$2,468.77
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	6.19	GM	$295.93	$1,831.81
	Roadway Component Total				$1,338,183.20

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	17.25 / 17.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	10.00 / 10.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,635.22	LF	$20.40	$33,358.49
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,635.22	LF	$20.40	$33,358.49
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	3,633.81	SY	$37.85	$137,539.71
570-1-1	PERFORMANCE TURF	1,816.91	SY	$1.64	$2,979.73

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	3,270.43	LF	$1.45	$4,742.12
104-11	FLOATING TURBIDITY BARRIER	77.42	LF	$9.83	$761.04
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	77.42	LF	$4.73	$366.20
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,042.75	$3,042.75
104-18	INLET PROTECTION SYSTEM	16.00	EA	$99.62	$1,593.92
107-1	LITTER REMOVAL	7.88	AC	$27.46	$216.38
107-2	MOWING	7.88	AC	$52.48	$413.54
	Shoulder Component Total				$218,372.37

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	3,270.43 LF	$21.03	$68,777.14
570-1-1	PERFORMANCE TURF	970.23 SY	$1.64	$1,591.18
	Median Component Total			$70,368.32

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	5.57 CY	$1,640.37	$9,136.86
425-1-351	INLETS, CURB, TYPE P-5, <10'	12.00 EA	$4,881.13	$58,573.56
425-1-451	INLETS, CURB, TYPE J-5, <10'	4.00 EA	$7,515.39	$30,061.56
425-1-521	INLETS, DT BOT, TYPE C, <10'	2.00 EA	$3,158.92	$6,317.84
425-2-41	MANHOLES, P-7, <10'	2.00 EA	$3,755.26	$7,510.52
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	824.00 LF	$88.57	$72,981.68
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	80.00 LF	$118.46	$9,476.80
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	1,552.00 LF	$160.89	$249,701.28
570-1-1	PERFORMANCE TURF	94.15 SY	$1.64	$154.41
	Drainage Component Total			$443,914.51

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	8.00 AS	$450.57	$3,604.56
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00 AS	$1,195.08	$1,195.08
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	1.00 AS	$4,539.12	$4,539.12
700-2-16	MULTI- POST SIGN, F&I GM, 101-200 SF	1.00 AS	$10,473.50	$10,473.50
	Signing Component Total			$19,812.26

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	6 Lane Mast Arm
Multiplier	4
Description	6-lane section mast arms, Crosstown Parkway

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	2,800.00	LF	$6.45	$18,060.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	1,200.00	LF	$18.34	$22,008.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	4.00	PI	$5,091.81	$20,367.24
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	88.00	EA	$712.35	$62,686.80
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	4.00	AS	$2,741.69	$10,966.76
639-2-1	ELECTRICAL SERVICE WIRE, F&I	240.00	LF	$2.54	$609.60
641-2-11	PREST CNC POLE,F&I,TYP P-II,PEDESTAL	4.00	EA	$1,038.67	$4,154.68
649-21-21	STEEL MAST ARM ASSEMBLY, F&I, 78'	24.00	EA	$46,958.02	$1,126,992.48
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	80.00	AS	$895.68	$71,654.40
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	32.00	AS	$618.41	$19,789.12
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	80.00	EA	$224.29	$17,943.20
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	80.00	AS	$1,114.85	$89,188.00
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	32.00	EA	$142.29	$4,553.28
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	4.00	AS	$26,046.53	$104,186.12
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	16.00	EA	$287.75	$4,604.00

Signalization 2

Description	Value
Type	2 Lane Mast Arm
Multiplier	2
Description	2-lane section mast arms, ramps

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,600.00	LF	$6.45	$10,320.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	400.00	LF	$18.34	$7,336.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	2.00	PI	$5,091.81	$10,183.62
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	24.00	EA	$712.35	$17,096.40
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	2.00	AS	$2,741.69	$5,483.38
639-2-1	ELECTRICAL SERVICE WIRE, F&I	120.00	LF	$2.54	$304.80
649-21-4	STEEL MAST ARM ASSEMBLY, F&I, 40'- 30'	8.00	EA	$44,324.24	$354,593.92
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	16.00	AS	$895.68	$14,330.88
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	16.00	AS	$618.41	$9,894.56
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	16.00	EA	$224.29	$3,588.64
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	16.00	AS	$1,114.85	$17,837.60

665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	16.00 EA	$142.29	$2,276.64
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	2.00 AS	$26,046.53	$52,093.06
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	8.00 EA	$287.75	$2,302.00
	Signalizations Component Total			$2,085,405.18

LIGHTING COMPONENT

Conventional Lighting Subcomponent

Description	Value
Spacing	MIN

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,635.22	LF	$6.45	$10,547.17
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	324.57	LF	$18.34	$5,952.61
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	11.00	EA	$712.35	$7,835.85
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	5,972.25	LF	$1.43	$8,540.32
715-4-13	LIGHT POLE COMPLETE, F&I-STD, 40'	11.00	EA	$7,083.33	$77,916.63
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	11.00	EA	$672.92	$7,402.12
	Subcomponent Total				$118,194.70
	Lighting Component Total				$118,194.70

BRIDGES COMPONENT

Bridge 940161

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	275.00
Width (LF)	186.02
Type	Overpass Bridge
Cost Factor	1.00
Structure No.	
Removal of Existing Structures area	44,000.00
Default Cost per SF	$75.00
Factored Cost per SF	$75.00
Final Cost per SF	**$79.80**
Basic Bridge Cost	**$3,836,662.50**
Description	CROSSTOWN PARKWAY BRIDGE REPLACEMENT

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	44,000.00	SF	$17.48	$769,120.00
400-2-10	CONC CLASS II, APPROACH SLABS	413.38	CY	$422.32	$174,578.64

415-1-9	REINF STEEL- APPROACH SLABS	72,341.50 LB	$0.98	$70,894.67
	Bridge 940161 Total			$4,851,255.81
	Bridges Component Total			$4,851,255.81
Sequence 6 Total				$9,696,870.05

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: CROSST-1-52-01 **Letting Date:** 01/2099

Description: Crosstown Parkway Concept

District: 04 **County:** 94 ST. LUCIE **Market Area:** 11 **Units:** English

Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.758 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$21,646,596.58**

Description: Crosstown Parkway Concept

Project Sequences Subtotal **$17,766,696.91**

102-1	Maintenance of Traffic	12.00 %	$2,132,003.63
101-1	Mobilization	8.00 %	$1,591,896.04

Project Sequences Total **$21,490,596.58**

Project Unknowns	0.00 %	$0.00
Justification for high %:	Bridge replacement	
Design/Build	0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-16	PARTNERING (DO NOT BID)	2.00	LS	$3,000.00	$6,000.00
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$150,000.00	$150,000.00

Project Non-Bid Subtotal **$156,000.00**

Version 1-P Project Grand Total **$21,646,596.58**

Crosstown Parkway

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: CROSST-2-52-01 **Letting Date:** 01/2099

Description: Crosstown Parkway and SW California Blvd intersection improvements

District: 04 **County:** 94 ST. LUCIE **Market Area:** 11 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.284 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$3,258,408.62**
Description: Crosstown Parkway and SW California Blvd intersection improvements

Sequence: 1 RSD - Resurfacing, Divided **Net Length:** 0.191 MI
1,010 LF

Description: mill and resurface 3-lane sections on Crosstown

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	6
Roadway Pavement Width L/R	41.00 / 0.00
Structural Spread Rate	220
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	4,601.40	SY	$5.91	$27,194.27
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	506.15	TN	$98.40	$49,805.16
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	184.06	TN	$606.09	$111,556.93

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	129.00	EA	$3.48	$448.92
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.53	GM	$995.47	$1,523.07

710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	1.53 GM	$295.93	$452.77
	Roadway Component Total			$190,981.12

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	40.00
Performance Turf Width	5.34
Total Median Shoulder Width L/R	8.00 / 8.00
Paved Median Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
570-1-1	PERFORMANCE TURF	599.30	SY	$1.64	$982.85
	Median Component Total				$982.85

Sequence 1 Total $191,963.97

Sequence: 2 RSD - Resurfacing, Divided **Net Length:** 0.191 MI
1,010 LF

Description: mill and resurface 6-lane sections on Crosstown

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	12
Roadway Pavement Width L/R	77.00 / 0.00
Structural Spread Rate	220
Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	8,641.66	SY	$5.91	$51,072.21
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	950.58	TN	$98.40	$93,537.07
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	345.67	TN	$606.09	$209,507.13

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	10

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	284.00	EA	$3.48	$988.32
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.53	GM	$995.47	$1,523.07
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	3.83	GM	$295.93	$1,133.41
	Roadway Component Total				$357,761.21

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	40.00
Performance Turf Width	5.34
Total Median Shoulder Width L/R	8.00 / 8.00
Paved Median Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T

Rumble Strips ï¿½No. of Sides 0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
570-1-1	PERFORMANCE TURF	599.30	SY	$1.64	$982.85
	Median Component Total				$982.85

Sequence 2 Total $358,744.06

Sequence: 3 NDU - New Construction, Divided, Urban **Net Length:** 0.087 MI
460 LF

Description: Reconstruct SW California Blvd north of Crosstown Parkway

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	55.00 / 55.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.087
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.16	AC	$13,867.17	$16,085.92
120-6	EMBANKMENT	9,015.20	CY	$8.64	$77,891.33
	Earthwork Component Total				$93,977.25

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	8
Roadway Pavement Width L/R	60.00 / 20.00
Structural Spread Rate	330
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	4,615.23	SY	$5.35	$24,691.48
285-709	OPTIONAL BASE,BASE GROUP 09	4,087.89	SY	$14.38	$58,783.86
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	674.50	TN	$98.40	$66,370.80
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	337.25	TN	$144.39	$48,695.53

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2

Skip Stripe No. of Stripes	6

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	82.00	EA	$3.48	$285.36
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.70	GM	$995.47	$696.83
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	1.05	GM	$295.93	$310.73
	Roadway Component Total				$199,834.59

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	7.25 / 17.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	0.00 / 10.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	459.89	LF	$20.40	$9,381.76
520-1-10	CONCRETE CURB & GUTTER, TYPE F	459.89	LF	$20.40	$9,381.76
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	510.99	SY	$37.85	$19,340.97
570-1-1	PERFORMANCE TURF	510.99	SY	$1.64	$838.02

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	919.78	LF	$1.45	$1,333.68
104-11	FLOATING TURBIDITY BARRIER	21.78	LF	$9.83	$214.10
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	21.78	LF	$4.73	$103.02
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,042.75	$3,042.75
104-18	INLET PROTECTION SYSTEM	5.00	EA	$99.62	$498.10
107-1	LITTER REMOVAL	2.22	AC	$27.46	$60.96
107-2	MOWING	2.22	AC	$52.48	$116.51
	Shoulder Component Total				$44,311.63

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	0.00
Performance Turf Width	0.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-7	CONCRETE CURB & GUTTER, TYPE E	919.78	LF	$21.03	$19,342.97
520-5-42	TRAF SEP CONC-TYPE IV, 6' WIDE	350.00	LF	$49.93	$17,475.50
	Median Component Total				$36,818.47

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	1.57	CY	$1,640.37	$2,575.38
425-1-351	INLETS, CURB, TYPE P-5, <10'	4.00	EA	$4,881.13	$19,524.52
425-1-451	INLETS, CURB, TYPE J-5, <10'	1.00	EA	$7,515.39	$7,515.39
425-1-521	INLETS, DT BOT, TYPE C, <10'	1.00	EA	$3,158.92	$3,158.92
425-2-41	MANHOLES, P-7, <10'	1.00	EA	$3,755.26	$3,755.26
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	232.00	LF	$88.57	$20,548.24
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	24.00	LF	$118.46	$2,843.04
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	440.00	LF	$160.89	$70,791.60
570-1-1	PERFORMANCE TURF	26.48	SY	$1.64	$43.43
	Drainage Component Total				$130,755.78

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	3.00	AS	$450.57	$1,351.71
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,195.08	$1,195.08
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	1.00	AS	$4,539.12	$4,539.12
700-2-16	MULTI- POST SIGN, F&I GM, 101-200 SF	1.00	AS	$10,473.50	$10,473.50
	Signing Component Total				$17,559.41

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	6 Lane Strain Pole
Multiplier	1
Description	SW California Blvd southbound approach to Crosstown Parkway

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	700.00	LF	$6.45	$4,515.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00	LF	$18.34	$4,585.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	$5,091.81	$5,091.81
634-4-143	SPAN WIRE ASSEMBLY, F&I, SINGLE PT, BOX	1.00	PI	$7,045.71	$7,045.71
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	20.00	EA	$712.35	$14,247.00
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	$2,741.69	$2,741.69
639-2-1	ELECTRICAL SERVICE WIRE, F&I	30.00	LF	$2.54	$76.20
641-2-11	PREST CNC POLE,F&I,TYP P-II,PEDESTAL	1.00	EA	$1,038.67	$1,038.67
641-2-17	PREST CNC POLE,F&I,TYP P-VII	4.00	EA	$9,870.63	$39,482.52
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	20.00	AS	$895.68	$17,913.60
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00	AS	$618.41	$4,947.28
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	20.00	EA	$224.29	$4,485.80
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	20.00	AS	$1,114.85	$22,297.00
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00	EA	$142.29	$1,138.32
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00	AS	$26,046.53	$26,046.53
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00	EA	$287.75	$1,151.00
	Signalizations Component Total				$156,803.13

Sequence 3 Total $680,060.26

Sequence: 4 WUU - Widen/Resurface, Undivided, Urban **Net Length:** 0.088 MI 465 LF

Description: Resurface and widen SW California Blvd north of Crosstown Parkway

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	0.00 / 10.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.088
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.11	AC	$13,867.17	$1,525.39
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	280.68	CY	$12.06	$3,385.00
	Earthwork Component Total				$4,910.39

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	4
Existing Roadway Pavement Width L/R	24.00 / 24.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 5.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	391.77	SY	$5.35	$2,095.97
285-709	OPTIONAL BASE,BASE GROUP 09	275.48	SY	$14.38	$3,961.40
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	2,480.90	SY	$5.91	$14,662.12
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	204.67	TN	$98.40	$20,139.53
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	35.53	TN	$98.40	$3,496.15
337-7-83	ASPH CONC FC,TRAFFIC C,FC-	99.24	TN	$144.39	$14,329.26

	12.5,PG 76-22			
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	21.32 TN	$144.39	$3,078.39

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	3

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	59.00	EA	$3.48	$205.32
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.70	GM	$995.47	$696.83
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.53	GM	$295.93	$156.84
	Roadway Component Total				$62,821.81

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	12.25 / 12.25
New Total Outside Shoulder Width L/R	7.25 / 17.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	0.00 / 10.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	465.17	LF	$20.40	$9,489.47
520-1-10	CONCRETE CURB & GUTTER, TYPE F	465.17	LF	$20.40	$9,489.47
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	516.85	SY	$37.85	$19,562.77
570-1-1	PERFORMANCE TURF	516.85	SY	$1.64	$847.63

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	930.34	LF	$1.45	$1,348.99
104-11	FLOATING TURBIDITY BARRIER	8.81	LF	$9.83	$86.60
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	8.81	LF	$4.73	$41.67
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,042.75	$3,042.75
104-18	INLET PROTECTION SYSTEM	5.00	EA	$99.62	$498.10

107-1	LITTER REMOVAL	0.41 AC	$27.46	$11.26
107-2	MOWING	0.41 AC	$52.48	$21.52
	Shoulder Component Total			$44,440.23

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	4.00	EA	$4,881.13	$19,524.52
425-1-451	INLETS, CURB, TYPE J-5, <10'	1.00	EA	$7,515.39	$7,515.39
425-1-521	INLETS, DT BOT, TYPE C, <10'	1.00	EA	$3,158.92	$3,158.92
425-2-41	MANHOLES, P-7, <10'	1.00	EA	$3,755.26	$3,755.26
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	176.00	LF	$88.57	$15,588.32
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	448.00	LF	$160.89	$72,078.72
570-1-1	PERFORMANCE TURF	26.78	SY	$1.64	$43.92
	Drainage Component Total				$121,665.05

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	2.00	AS	$450.57	$901.14
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,195.08	$1,195.08
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$271.75	$271.75
700-1-60	SINGLE POST SIGN, REMOVE	2.00	AS	$23.51	$47.02
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$3,781.20	$3,781.20
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$374.54	$374.54
	Signing Component Total				$6,570.73

Sequence 4 Total $240,408.21

Sequence: 5 NUU - New Construction, Undivided, Urban **Net Length:** 0.222 MI
1,170 LF

Description: Reconstruct SW California Blvd south of Crosstown Parkway, average width of 49.5' used

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	50.00 / 50.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.222
Top of Structural Course For Begin Section	101.00
Top of Structural Course For End Section	100.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	2.69	AC	$13,867.17	$37,302.69
120-1	REGULAR EXCAVATION	2,062.13	CY	$7.35	$15,156.66
	Earthwork Component Total				$52,459.35

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	4
Roadway Pavement Width L/R	25.00 / 25.00
Structural Spread Rate	275
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	7,171.09	SY	$5.35	$38,365.33
285-709	OPTIONAL BASE,BASE GROUP 09	6,500.27	SY	$14.38	$93,473.88
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	893.79	TN	$98.40	$87,948.94
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	536.27	TN	$144.39	$77,432.03

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	3

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	150.00 EA	$3.48	$522.00
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	1.77 GM	$995.47	$1,761.98
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	1.33 GM	$295.93	$393.59
	Roadway Component Total			$299,897.75

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	17.25 / 17.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	10.00 / 10.00

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,170.05 LF	$20.40	$23,869.02
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,170.05 LF	$20.40	$23,869.02
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	2,600.11 SY	$37.85	$98,414.16
570-1-1	PERFORMANCE TURF	1,300.05 SY	$1.64	$2,132.08

Erosion Control

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	2,340.10 LF	$1.45	$3,393.14
104-11	FLOATING TURBIDITY BARRIER	55.40 LF	$9.83	$544.58
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	55.40 LF	$4.73	$262.04
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	$3,042.75	$3,042.75
104-18	INLET PROTECTION SYSTEM	12.00 EA	$99.62	$1,195.44
107-1	LITTER REMOVAL	2.69 AC	$27.46	$73.87
107-2	MOWING	2.69 AC	$52.48	$141.17
	Shoulder Component Total			$156,937.28

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	3.99 CY	$1,640.37	$6,545.08
425-1-351	INLETS, CURB, TYPE P-5, <10'	8.00 EA	$4,881.13	$39,049.04
425-1-451	INLETS, CURB, TYPE J-5, <10'	3.00 EA	$7,515.39	$22,546.17

425-1-521	INLETS, DT BOT, TYPE C, <10'	2.00 EA	$3,158.92	$6,317.84
425-2-41	MANHOLES, P-7, <10'	2.00 EA	$3,755.26	$7,510.52
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	520.00 LF	$88.57	$46,056.40
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	48.00 LF	$118.46	$5,686.08
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	1,112.00 LF	$160.89	$178,909.68
570-1-1	PERFORMANCE TURF	67.37 SY	$1.64	$110.49
	Drainage Component Total			$312,731.30

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	5.00 AS	$450.57	$2,252.85
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00 AS	$1,195.08	$1,195.08
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	1.00 AS	$4,539.12	$4,539.12
	Signing Component Total			$7,987.05

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	6 Lane Mast Arm
Multiplier	1
Description	SW California Blvd northbound approach to Crosstown Parkway

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	700.00 LF	$6.45	$4,515.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	300.00 LF	$18.34	$5,502.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00 PI	$5,091.81	$5,091.81
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	22.00 EA	$712.35	$15,671.70
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00 AS	$2,741.69	$2,741.69
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00 LF	$2.54	$152.40
641-2-11	PREST CNC POLE,F&I,TYP P-II,PEDESTAL	1.00 EA	$1,038.67	$1,038.67
649-21-21	STEEL MAST ARM ASSEMBLY, F&I, 78'	6.00 EA	$46,958.02	$281,748.12
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	20.00 AS	$895.68	$17,913.60
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00 AS	$618.41	$4,947.28

660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	20.00 EA	$224.29	$4,485.80
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	20.00 AS	$1,114.85	$22,297.00
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00 EA	$142.29	$1,138.32
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00 AS	$26,046.53	$26,046.53
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00 EA	$287.75	$1,151.00
	Signalizations Component Total			$394,440.92

Sequence 5 Total $1,224,453.65

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: CROSST-2-52-01 **Letting Date:** 01/2099

Description: Crosstown Parkway and SW California Blvd intersection improvements

District: 04 **County:** 94 ST. LUCIE **Market Area:** 11 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.284 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$3,258,408.62**
Description: Crosstown Parkway and SW California Blvd intersection improvements

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Project Sequences Subtotal			**$2,695,630.15**
102-1	Maintenance of Traffic	10.00 %	$269,563.02
101-1	Mobilization	8.00 %	$237,215.45
Project Sequences Total			**$3,202,408.62**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-16	PARTNERING (DO NOT BID)	2.00	LS	$3,000.00	$6,000.00
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$50,000.00	$50,000.00
Project Non-Bid Subtotal					**$56,000.00**
Version 1-P Project Grand Total					**$3,258,408.62**

St Lucie West Blvd.

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: SLUCIE-1-52-01 **Letting Date:** 01/2099

Description: Reconstruction and widening of St. Lucie Blvd. from Champions Way to Peacock Blvd.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 1.130 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$11,147,047.09**
Description: Long Term (2045) LRE for St. Lucie West Blvd. Reconstruction of portions of St. Lucie Blvd. from Champions Way to Peacock Blvd.

Sequence: 1 NDR - New Construction, Divided, Rural **Net Length:** 1.240 MI
6,547 LF

Description: This sequence includes the mainline

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	50.00 / 50.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	1.240
Top of Structural Course For Begin Section	103.00
Top of Structural Course For End Section	103.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	15.03 AC	$20,791.06	$312,489.63
120-6	EMBANKMENT	46,373.58 CY	$15.00	$695,603.70
	Earthwork Component Total			$1,008,093.33

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	4
Roadway Pavement Width L/R	22.00 / 22.00
Structural Spread Rate	330
Friction Course Spread Rate	110

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	6,746.00	SY	$13.56	$91,475.76
	Comment: This includes all proposed pavement work on the mainline. It also includes the small piece tying into the NB entrance ramp.				
285-709	OPTIONAL BASE,BASE GROUP 09	6,746.00	SY	$57.86	$390,323.56
	Comment: This includes all proposed pavement work on the mainline. It also includes the small piece tying into the NB entrance ramp.				
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	4,432.00	SY	$7.42	$32,885.44
	Comment: Milling for the restriping of the road to accommodate additional lane prior to the proposed bridge				
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,113.00	TN	$230.27	$256,290.51
	Comment: This includes all proposed pavement work on the mainline. It also includes the small piece tying into the NB entrance ramp.				
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	615.00	TN	$160.00	$98,400.00
	Comment: This includes all proposed pavement work on the mainline. It also includes the small piece tying into the NB entrance ramp. Includes resurfacing for milling areas				

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	502.00	EA	$7.25	$3,639.50
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	4.96	GM	$1,240.49	$6,152.83
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	2.48	GM	$639.06	$1,584.87
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	4.96	GM	$5,399.47	$26,781.37
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	2.48	GM	$1,560.00	$3,868.80
	Roadway Component Total				$911,402.64

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	10.00 / 0.00

Total Outside Shoulder Perf. Turf Width L/R	3.00 / 0.00
Paved Outside Shoulder Width L/R	7.00 / 0.00
Structural Spread Rate	330
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-701	OPTIONAL BASE,BASE GROUP 01	5,332.33	SY	$16.30	$86,916.98
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	840.22	TN	$230.27	$193,477.46
570-1-1	PERFORMANCE TURF	2,182.40	SY	$3.02	$6,590.85

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	3,067.00	SY	$33.73	$103,449.91
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	506.00	TN	$230.27	$116,516.62
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	167.00	TN	$160.00	$26,720.00
520-1-10	CONCRETE CURB & GUTTER, TYPE F	3,527.00	LF	$23.50	$82,884.50
	Comment: Curb and gutter on the outside of the mainline and Peacock Blvd.				
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	7,525.00	SY	$43.00	$323,575.00
	Comment: Includes sidewalk being added for the entire project.				

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	17,022.72	LF	$1.89	$32,172.94
107-1	LITTER REMOVAL	30.06	AC	$30.47	$915.93
107-2	MOWING	30.06	AC	$56.46	$1,697.19
	Shoulder Component Total				$974,917.38

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	40.00
Performance Turf Width	0.00
Total Median Shoulder Width L/R	0.00 / 0.00
Paved Median Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-5-12	TRAF SEP CONC-TYPE I, 6' WIDE	1,088.00	LF	$90.73	$98,714.24
	Median Component Total				$98,714.24

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	22.32	CY	$2,287.37	$51,054.10
425-1-551	INLETS, DT BOT, TYPE E, <10'	8.00	EA	$6,467.70	$51,741.60
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	992.00	LF	$99.37	$98,575.04
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	432.00	LF	$111.75	$48,276.00
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	368.00	LF	$163.55	$60,186.40
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	50.00	EA	$1,729.61	$86,480.50
524-1-1	CONCRETE DITCH PAVT, NR, 3"	2,480.00	SY	$66.48	$164,870.40
570-1-1	PERFORMANCE TURF	872.96	SY	$3.02	$2,636.34
	Drainage Component Total				$563,820.38

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	5.00	AS	$332.50	$1,662.50
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	15.00	AS	$1,175.00	$17,625.00
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	3.00	AS	$4,150.00	$12,450.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-60	SINGLE POST SIGN, REMOVE	20.00	AS	$14.00	$280.00
700-2-60	MULTI- POST SIGN, REMOVE	3.00	AS	$765.00	$2,295.00
	Signing Component Total				$34,312.50

BRIDGES COMPONENT

Bridge 2

Description	Value
Estimate Type	SF Estimate
Primary Estimate	YES
Length (LF)	401.00
Width (LF)	60.00
Type	Medium Level
Cost Factor	1.00

Structure No.		890133
Removal of Existing Structures area		24,060.00
Default Cost per SF		$122.00
Factored Cost per SF		$122.00
Final Cost per SF		**$125.88**
Basic Bridge Cost		**$2,935,320.00**
Description	NEW BRIDGE FOR WESTBOUND DIRECTION	

Bridge Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-3	REMOVAL OF EXISTING STRUCTURES/BRIDGES	24,060.00	SF	$46.49	$1,118,549.40
400-2-10	CONC CLASS II, APPROACH SLABS	133.33	CY	$481.20	$64,158.40
415-1-9	REINF STEEL- APPROACH SLABS	23,332.75	LB	$1.25	$29,165.94
	Bridge 2 Total				$4,147,193.74
	Bridges Component Total				$4,147,193.74

Sequence 1 Total $7,738,454.21

Sequence: 4 NUR - New Construction, Undivided, Rural **Net Length:** 0.216 MI 1,140 LF

Description: This sequence includes the SB entrance ramp

Special Conditions: Sequence length is less than the ramp, to accommodate for the lanes going from 2 lane to 1.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	20.00 / 20.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.206
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.05	AC	$20,791.06	$21,830.61
120-6	EMBANKMENT	7,032.05	CY	$15.00	$105,480.75
	Earthwork Component Total				$127,311.36

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Roadway Pavement Width L/R	24.00 / 0.00
Structural Spread Rate	330
Friction Course Spread Rate	110

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	6,079.74	SY	$13.56	$82,441.27
285-709	OPTIONAL BASE,BASE GROUP 09	3,081.67	SY	$57.86	$178,305.43
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	501.58	TN	$230.27	$115,498.83
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	167.19	TN	$282.24	$47,187.71

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2

Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	29.00	EA	$7.25	$210.25
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.43	GM	$1,240.49	$533.41
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	0.22	GM	$728.73	$160.32
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.43	GM	$4,006.02	$1,722.59
711-16-231	THERMOPLASTIC, STD-OTH, YELLOW, SKIP, 6"	0.22	GM	$1,395.52	$307.01
	Roadway Component Total				$426,366.82

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	12.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Paved Outside Shoulder Width L/R	10.00 / 10.00
Structural Spread Rate	330
Friction Course Spread Rate	110
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	2,616.82	SY	$33.73	$88,265.34
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	417.98	TN	$230.27	$96,248.25
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	139.33	TN	$282.24	$39,324.50
570-1-1	PERFORMANCE TURF	506.65	SY	$3.02	$1,530.08

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	2,963.88	LF	$1.89	$5,601.73
104-11	FLOATING TURBIDITY BARRIER	53.98	LF	$9.45	$510.11
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	53.98	LF	$9.07	$489.60
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,332.76	$3,332.76
107-1	LITTER REMOVAL	2.62	AC	$30.47	$79.83
107-2	MOWING	2.62	AC	$56.46	$147.93
	Shoulder Component Total				$235,530.13

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	3.89	CY	$2,287.37	$8,897.87
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	176.00	LF	$99.37	$17,489.12
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	40.00	LF	$163.55	$6,542.00
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	9.00	EA	$1,729.61	$15,566.49
570-1-1	PERFORMANCE TURF	151.99	SY	$3.02	$459.01
	Drainage Component Total				$48,954.49

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$332.50	$332.50
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	5.00	AS	$1,175.00	$5,875.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-60	SINGLE POST SIGN, REMOVE	6.00	AS	$14.00	$84.00
	Signing Component Total				$6,291.50

Sequence 4 Total $844,454.30

Sequence: 5 NUR - New Construction, Undivided, Rural **Net Length:** 0.128 MI 677 LF

Description: This sequence includes the NB exit ramp
Special Conditions: 3 lane ramp connecting to the braided ramps.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	20.00 / 20.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.128
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.62	AC	$20,791.06	$12,890.46
120-6	EMBANKMENT	5,153.91	CY	$15.00	$77,308.65
	Earthwork Component Total				$90,199.11

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	3
Roadway Pavement Width L/R	36.00 / 0.00
Structural Spread Rate	330
Friction Course Spread Rate	110

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	4,512.64	SY	$13.56	$61,191.40
285-709	OPTIONAL BASE,BASE GROUP 09	2,732.40	SY	$57.86	$158,096.66
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	446.75	TN	$230.27	$102,873.12
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	148.92	TN	$282.24	$42,031.18

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2

Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	69.00	EA	$7.25	$500.25
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.26	GM	$1,240.49	$322.53
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	0.26	GM	$728.73	$189.47
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.26	GM	$4,006.02	$1,041.57
711-16-231	THERMOPLASTIC, STD-OTH, YELLOW, SKIP, 6"	0.26	GM	$1,395.52	$362.84
	Roadway Component Total				$366,609.02

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	12.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Paved Outside Shoulder Width L/R	10.00 / 10.00
Structural Spread Rate	330
Friction Course Spread Rate	110
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	1,553.85	SY	$33.73	$52,411.36
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	248.20	TN	$230.27	$57,153.01
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	82.73	TN	$282.24	$23,349.72
570-1-1	PERFORMANCE TURF	300.84	SY	$3.02	$908.54

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	1,759.93	LF	$1.89	$3,326.27
104-11	FLOATING TURBIDITY BARRIER	32.05	LF	$9.45	$302.87
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	32.05	LF	$9.07	$290.69
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,332.76	$3,332.76
107-1	LITTER REMOVAL	1.55	AC	$30.47	$47.23
107-2	MOWING	1.55	AC	$56.46	$87.51
	Shoulder Component Total				$141,209.96

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	2.31	CY	$2,287.37	$5,283.82
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	104.00	LF	$99.37	$10,334.48
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	24.00	LF	$163.55	$3,925.20
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	6.00	EA	$1,729.61	$10,377.66
570-1-1	PERFORMANCE TURF	90.25	SY	$3.02	$272.56
	Drainage Component Total				$30,193.72

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$332.50	$332.50
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	3.00	AS	$1,175.00	$3,525.00
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$4,150.00	$4,150.00
	Signing Component Total				$8,007.50

Sequence 5 Total $636,219.31

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: SLUCIE-1-52-01 **Letting Date:** 01/2099

Description: Reconstruction and widening of St. Lucie Blvd. from Champions Way to Peacock Blvd.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 1.130 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$11,147,047.09**
Description: Long Term (2045) LRE for St. Lucie West Blvd. Reconstruction of portions of St. Lucie Blvd. from Champions Way to Peacock Blvd.

Project Sequences Subtotal			**$9,219,127.82**
102-1	Maintenance of Traffic	10.00 %	$921,912.78
101-1	Mobilization	8.00 %	$811,283.25
Project Sequences Total			**$10,952,323.85**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-16	PARTNERING (DO NOT BID)	1.00	LS	$6,000.00	$6,000.00
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$109,523.24	$109,523.24
999-20-1	DISPUTES REVIEW BD, MEETING-DO NOT BID	24	DA	$3,300.00	$79,200.00
Project Non-Bid Subtotal					**$194,723.24**
Version 1-P Project Grand Total					**$11,147,047.09**

CR 712 / Midway Road

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: MIDWAY-1-52-01 **Letting Date:** 01/2099

Description: Midway Road at I-95 Southbound off ramp. Addition of one extra left turn along I-95 off ramp.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.070 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$766,924.87**
Description: Midway Road at I-95 Southbound off ramp. Addition of one extra left turn along I-95 off ramp.

Sequence: 1 WDR - Widen/Resurface, Divided, Rural **Net Length:** 0.070 MI
370 LF
Description: Midway Road at I-95 Southbound off ramp. Addition of one extra left turn along I-95 off ramp.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	20.00 / 20.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.070
Top of Structural Course For Begin Section	103.00
Top of Structural Course For End Section	103.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.34	AC	$20,174.38	$6,859.29
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	370.15	CY	$45.92	$16,997.29
	Earthwork Component Total				$23,856.58

ROADWAY COMPONENT

User Input Data

Description	Value

Number of Lanes	4
Existing Roadway Pavement Width L/R	28.00 / 28.00
Structural Spread Rate	275
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 0.00
Widened Inside Pavement Width L/R	6.00 / 6.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	1,971.20	SY	$11.79	$23,240.45
285-709	OPTIONAL BASE,BASE GROUP 09	519.90	SY	$57.59	$29,941.04
327-70-4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	2,299.73	SY	$8.53	$19,616.70
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	67.76	TN	$230.27	$15,603.10
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	316.21	TN	$230.27	$72,813.68
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	91.99	TN	$281.94	$25,935.66
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	19.71	TN	$281.94	$5,557.04

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	1,273.00	SY	$11.79	$15,008.67
	Comment: Proposed shoulder and lane widening for the off ramp. Median nose widening for Midway Road.				
285-701	OPTIONAL BASE,BASE GROUP 01	1,115.00	SY	$16.30	$18,174.50
	Comment: Proposed shoulder for the off ramp				
285-709	OPTIONAL BASE,BASE GROUP 09	160.00	SY	$57.59	$9,214.40
	Comment: Proposed lane widening for the off ramp. Median nose widening for Midway Road.				
327-70-4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	1,677.00	SY	$8.53	$14,304.81
	Comment: Milling of existing lanes for the off ramp				
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	392.00	TN	$230.27	$90,265.84
	Comment: Proposed shoulder, resurfacing for the off ramp lane lines, and lane widening for the off ramp. Median nose widening for Midway Road.				
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	103.50	TN	$281.94	$29,180.79
	Comment: Proposed lane widening for the off ramp and resurfacing for the off ramp lane lines. Median nose widening for Midway Road.				
339-1	MISCELLANEOUS ASPHALT PAVEMENT	32.00	TN	$270.00	$8,640.00
536-1-1	GUARDRAIL- ROADWAY, GEN TL-3	73.00	LF	$26.45	$1,930.85
536-85-25	GUARDRAIL END TREAT- TRAIL AN TYPE II	1.00	EA	$1,137.55	$1,137.55
536-85-26	GUARDRAIL END TREATMENT-TYPE CRT	1.00	EA	$2,698.64	$2,698.64

710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.29 GM	$1,257.90	$364.79
	Comment: Proposed pavement markings for the off ramp			
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.10 GM	$500.00	$50.00
	Comment: Proposed pavement markings for the off ramp			
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	0.29 GM	$5,246.68	$1,521.54
	Comment: Proposed pavement markings for the off ramp			
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	0.10 GM	$1,604.39	$160.44
	Comment: Proposed pavement markings for the off ramp			

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	28.00	EA	$7.25	$203.00
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.28	GM	$1,257.90	$352.21
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.14	GM	$500.00	$70.00
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	0.28	GM	$5,246.68	$1,469.07
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	0.14	GM	$1,604.39	$224.61
	Roadway Component Total				$387,679.38

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	10.00 / 10.00
New Total Outside Shoulder Width L/R	10.00 / 10.00
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Existing Paved Outside Shoulder Width L/R	5.00 / 5.00
New Paved Outside Shoulder Width L/R	5.00 / 5.00
Structural Spread Rate	330
Friction Course Spread Rate	0
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-701	OPTIONAL BASE,BASE GROUP 01	437.77	SY	$16.30	$7,135.65

334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	67.76 TN	$230.27	$15,603.10
570-1-1	PERFORMANCE TURF	410.67 SY	$3.02	$1,240.22

Erosion Control

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	850.08 LF	$1.89	$1,606.65
107-1	LITTER REMOVAL	0.51 AC	$28.28	$14.42
107-2	MOWING	0.51 AC	$55.39	$28.25
	Shoulder Component Total			$25,628.29

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	40.00
Performance Turf Width	10.00
New Total Median Shoulder Width L/R	8.00 / 8.00
New Paved Median Shoulder Width L/R	0.00 / 0.00
Existing Total Median Shoulder Width L/R	8.00 / 8.00
Existing Paved Median Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
570-1-1	PERFORMANCE TURF	410.67 SY	$3.02	$1,240.22
	Median Component Total			$1,240.22

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	1.26 CY	$2,287.37	$2,882.09
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	56.00 LF	$100.22	$5,612.32
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	8.00 LF	$167.52	$1,340.16
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	3.00 EA	$1,750.47	$5,251.41
570-1-1	PERFORMANCE TURF	49.28 SY	$3.02	$148.83
	Drainage Component Total			$15,234.81

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$332.50	$332.50
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	2.00	AS	$1,175.00	$2,350.00
700-1-60	SINGLE POST SIGN, REMOVE	3.00	AS	$14.00	$42.00
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$4,150.00	$4,150.00
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$765.00	$765.00
	Signing Component Total				$7,639.50

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	2 Lane Mast Arm
Multiplier	1
Description	Signal for I-95 off ramp due to lane addition

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	800.00	LF	$9.10	$7,280.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	200.00	LF	$19.50	$3,900.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	$8,249.43	$8,249.43
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	12.00	EA	$493.33	$5,919.96
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	$2,786.48	$2,786.48
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00	LF	$5.83	$349.80
649-21-4	STEEL MAST ARM ASSEMBLY, F&I, 40'- 30'	1.00	EA	$48,576.27	$48,576.27
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	8.00	AS	$1,275.91	$10,207.28
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00	AS	$27,454.61	$27,454.61
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00	EA	$379.12	$1,516.48
700-5-21	INTERNAL ILLUM SIGN, F&I OM, UP TO 12 SF	1.00	EA	$4,686.75	$4,686.75
700-5-22	INTERNAL ILLUM SIGN, F&I OM, 12-18 SF	1.00	EA	$5,270.42	$5,270.42

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
649-26-5	STEEL MAST ARM ASSEMBLY, REMOVE	1.00	EA	$6,110.65	$6,110.65
660-4-11	VEHICLE DETECTION SYSTEM-VIDEO, CABINET	1.00	EA	$12,334.13	$12,334.13
660-4-12	VEHICLE DETECTION SYSTEM-VIDEO, ABOVE G	2.00	EA	$4,448.84	$8,897.68
	Signalizations Component Total				$153,539.94

Sequence 1 Total	$614,818.72

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: MIDWAY-1-52-01 **Letting Date:** 01/2099

Description: Midway Road at I-95 Southbound off ramp. Addition of one extra left turn along I-95 off ramp.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.070 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$766,924.87**
Description: Midway Road at I-95 Southbound off ramp. Addition of one extra left turn along I-95 off ramp.

Project Sequences Subtotal			**$614,818.72**
102-1	Maintenance of Traffic	10.00 %	$61,481.87
101-1	Mobilization	8.00 %	$54,104.05
Project Sequences Total			**$730,404.64**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$36,520.23	$36,520.23
Project Non-Bid Subtotal					**$36,520.23**
Version 1-P Project Grand Total					**$766,924.87**

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: MIDWAY-2-52-01 **Letting Date:** 01/2099

Description: Midway Road and Glades Cut Off Road

District: 04 **County:** 94 ST. LUCIE **Market Area:** 11 **Units:** English

Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.335 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$1,989,188.69**

Description: Midway Road and Glades Cut Off Road

Sequence: 1 WDU - Widen/Resurface, Divided, Urban **Net Length:** 0.335 MI 1,769 LF

Description: Midway Road - assume 3 lane section with widening 1-lane

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EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	25.00 / 25.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.335
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	2.03	AC	$13,867.17	$28,150.36
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	869.99	CY	$12.06	$10,492.08
	Earthwork Component Total				$38,642.43

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	6
Existing Roadway Pavement Width L/R	36.00 / 36.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	12.00 / 12.00

Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	5,730.91	SY	$5.35	$30,660.37
285-709	OPTIONAL BASE,BASE GROUP 09	4,846.51	SY	$14.38	$69,692.81
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	14,150.40	SY	$5.91	$83,628.86
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,167.41	TN	$98.40	$114,873.14
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	648.56	TN	$98.40	$63,818.30
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	566.02	TN	$144.39	$81,727.63
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	389.14	TN	$144.39	$56,187.92

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	226.00	EA	$3.48	$786.48
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	2.68	GM	$995.47	$2,667.86
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	2.68	GM	$295.93	$793.09
	Roadway Component Total				$504,836.47

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	12.25 / 12.25
New Total Outside Shoulder Width L/R	17.25 / 7.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	10.00 / 0.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,768.80	LF	$20.40	$36,083.52
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,768.80	LF	$20.40	$36,083.52
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	1,965.33	SY	$37.85	$74,387.74
570-1-1	PERFORMANCE TURF	1,965.33	SY	$1.64	$3,223.14

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	3,537.60	LF	$1.45	$5,129.52
104-11	FLOATING TURBIDITY BARRIER	33.50	LF	$9.83	$329.30
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	33.50	LF	$4.73	$158.46
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,042.75	$3,042.75
104-18	INLET PROTECTION SYSTEM	16.00	EA	$99.62	$1,593.92
107-1	LITTER REMOVAL	2.92	AC	$27.46	$80.18
107-2	MOWING	2.92	AC	$52.48	$153.24
	Shoulder Component Total				$160,265.29

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
570-1-1	PERFORMANCE TURF	1,049.49	SY	$1.64	$1,721.16
	Median Component Total				$1,721.16

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	6.03	CY	$1,640.37	$9,891.43
425-1-351	INLETS, CURB, TYPE P-5, <10'	13.00	EA	$4,881.13	$63,454.69
425-1-451	INLETS, CURB, TYPE J-5, <10'	4.00	EA	$7,515.39	$30,061.56
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	184.00	LF	$88.57	$16,296.88
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	56.00	LF	$118.46	$6,633.76
570-1-1	PERFORMANCE TURF	101.84	SY	$1.64	$167.02
	Drainage Component Total				$126,505.34

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	8.00	AS	$450.57	$3,604.56
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,195.08	$1,195.08
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$271.75	$271.75
700-1-60	SINGLE POST SIGN, REMOVE	8.00	AS	$23.51	$188.08
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$3,781.20	$3,781.20
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$374.54	$374.54

	Signing Component Total	$9,415.21

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	4 Lane Mast Arm
Multiplier	1
Description	Update the eastbound mast arm to include a signal for the dual lefts

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	750.00	LF	$6.45	$4,837.50
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	250.00	LF	$18.34	$4,585.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	1.00	PI	$5,091.81	$5,091.81
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	16.00	EA	$712.35	$11,397.60
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	1.00	AS	$2,741.69	$2,741.69
639-2-1	ELECTRICAL SERVICE WIRE, F&I	60.00	LF	$2.54	$152.40
649-21-10	STEEL MAST ARM ASSEMBLY, F&I, 60'	4.00	EA	$42,025.28	$168,101.12
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	12.00	AS	$895.68	$10,748.16
653-1-11	PEDESTRIAN SIGNAL, F&I LED COUNT, 1 WAY	8.00	AS	$618.41	$4,947.28
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	12.00	EA	$224.29	$2,691.48
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	12.00	AS	$1,114.85	$13,378.20
665-1-11	PEDESTRIAN DETECTOR, F&I, STANDARD	8.00	EA	$142.29	$1,138.32
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	1.00	AS	$26,046.53	$26,046.53
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	4.00	EA	$287.75	$1,151.00
	Signalizations Component Total				$257,008.09

Sequence 1 Total	$1,098,393.99

Sequence: 2 WDU - Widen/Resurface, Divided, Urban **Net Length:** 0.322 MI 1,700 LF

Description: Glades Cut Off Road - assume 4-lane section with widening 1-lane. Use 6' of widening to reduce the cost due to the overall length.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	15.00 / 0.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.322
Top of Structural Course For Begin Section	102.00

Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.59	AC	$13,867.17	$8,181.63
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	134.75	CY	$12.06	$1,625.08
	Earthwork Component Total				$9,806.72

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	4
Existing Roadway Pavement Width L/R	24.00 / 24.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	6.00 / 0.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	1,620.82	SY	$5.35	$8,671.39
285-709	OPTIONAL BASE,BASE GROUP 09	1,195.78	SY	$14.38	$17,195.32
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	9,067.52	SY	$5.91	$53,589.04
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	748.07	TN	$98.40	$73,610.09
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	155.85	TN	$98.40	$15,335.64
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	362.70	TN	$144.39	$52,370.25
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	93.51	TN	$144.39	$13,501.91

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount

706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	130.00	EA	$3.48	$452.40
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	2.58	GM	$995.47	$2,568.31
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	1.29	GM	$295.93	$381.75
	Roadway Component Total				$237,676.09

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	17.25 / 7.25
New Total Outside Shoulder Width L/R	17.25 / 7.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	10.00 / 0.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,700.16	LF	$20.40	$34,683.26
520-1-10	CONCRETE CURB & GUTTER, TYPE F	1,700.16	LF	$20.40	$34,683.26
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	1,889.07	SY	$37.85	$71,501.30
570-1-1	PERFORMANCE TURF	1,889.07	SY	$1.64	$3,098.07

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	3,400.32	LF	$1.45	$4,930.46
104-11	FLOATING TURBIDITY BARRIER	32.20	LF	$9.83	$316.53
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	32.20	LF	$4.73	$152.31
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$3,042.75	$3,042.75
104-18	INLET PROTECTION SYSTEM	15.00	EA	$99.62	$1,494.30
107-1	LITTER REMOVAL	2.81	AC	$27.46	$77.16
107-2	MOWING	2.81	AC	$52.48	$147.47
	Shoulder Component Total				$154,126.88

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
570-1-1	PERFORMANCE TURF	1,008.76	SY	$1.64	$1,654.37
	Median Component Total				$1,654.37

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	5.80	CY	$1,640.37	$9,514.15
425-1-351	INLETS, CURB, TYPE P-5, <10'	12.00	EA	$4,881.13	$58,573.56
425-1-451	INLETS, CURB, TYPE J-5, <10'	4.00	EA	$7,515.39	$30,061.56
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	184.00	LF	$88.57	$16,296.88
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	56.00	LF	$118.46	$6,633.76
570-1-1	PERFORMANCE TURF	97.89	SY	$1.64	$160.54
	Drainage Component Total				$121,240.45

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	8.00	AS	$450.57	$3,604.56
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,195.08	$1,195.08
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$271.75	$271.75
700-1-60	SINGLE POST SIGN, REMOVE	8.00	AS	$23.51	$188.08
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$3,781.20	$3,781.20
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$374.54	$374.54
	Signing Component Total				$9,415.21

Sequence 2 Total $533,919.72

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: MIDWAY-2-52-01 **Letting Date:** 01/2099

Description: Midway Road and Glades Cut Off Road

District: 04 **County:** 94 ST. LUCIE **Market Area:** 11 **Units:** English

Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.335 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$1,989,188.69**

Description: Midway Road and Glades Cut Off Road

Project Sequences Subtotal **$1,632,313.71**

102-1	Maintenance of Traffic	10.00 %	$163,231.37
101-1	Mobilization	8.00 %	$143,643.61

Project Sequences Total		**$1,939,188.69**
Project Unknowns	0.00 %	$0.00
Design/Build	0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$50,000.00	$50,000.00
Project Non-Bid Subtotal					**$50,000.00**

Version 1-P Project Grand Total	**$1,989,188.69**

SR 70 / Okeechobee Road

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: SR70OR-1-52-01 **Letting Date:** 01/2099

Description: Okeechobee Road at I-95 Intersection Project.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 1.280 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$21,161,788.49**
Description: Long Term (2045) LRE for SR-70 (Okeechobee Road) at I-95 Intersection Project.

Sequence: 1 NDU - New Construction, Divided, Urban **Net Length:** 1.270 MI
6,706 LF

Description: SR-70 (Okeechobee Road) at I-95 Intersection Project. This sequence includes the entire project. Estimated quantities were gathered by the use of Microstation shapes provided for this section.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	80.00 / 100.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	1.006
Top of Structural Course For Begin Section	105.00
Top of Structural Course For End Section	105.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	4.00 % / 4.00 %
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	27.71	AC	$20,791.06	$576,120.27
120-6	EMBANKMENT	125,375.32	CY	$15.00	$1,880,629.80
	Earthwork Component Total				$2,456,750.07

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	6
Roadway Pavement Width L/R	36.00 / 36.00
Structural Spread Rate	330
Friction Course Spread Rate	165

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-4-10	REMOVAL OF EXIST CONC	8,686.00	SY	$40.89	$355,170.54
160-4	TYPE B STABILIZATION	103,107.00	SY	$13.56	$1,398,130.92
	Comment: quantity based on microstation shapes				
285-709	OPTIONAL BASE,BASE GROUP 09	103,107.00	SY	$57.86	$5,965,771.02
	Comment: quantity based on microstation shapes				
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	16,749.40	TN	$119.94	$2,008,923.04
	Comment: quantity based on assumed 3" of structural course				
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	5,583.13	TN	$135.60	$757,072.43
	Comment: quantity based on assumed 1" of friction course				
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	10.30	GM	$1,240.49	$12,777.05
	Comment: includes solid stripes for the entire project following the stripes laid out for this concept.				
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	5.44	GM	$500.00	$2,720.00
	Comment: includes skip stripes for the entire project following the stripes laid out for this concept.				
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	10.30	GM	$4,006.02	$41,262.01
	Comment: includes solid thermoplastic stripes for the entire project following the stripes laid out for this concept.				
711-16-131	THERMOPLASTIC, STD-OTH, WHITE, SKIP, 6"	5.44	GM	$1,488.73	$8,098.69
	Comment: includes skip thermoplastic stripes for the entire project following the stripes laid out for this concept.				

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	4

Roadway Component Total $10,549,925.70

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	12.25 / 12.25
Total Outside Shoulder Perf. Turf Width L/R	5.00 / 5.00
Sidewalk Width L/R	5.00 / 5.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount

520-1-10	CONCRETE CURB & GUTTER, TYPE F	4,724.00 LF	$23.50	$111,014.00
	Comment: Type F C&G for the entire project			
522-1	CONCRETE SIDEWALK AND DRIVEWAYS, 4"	8,132.00 SY	$43.00	$349,676.00
	Comment: Includes s/w for the entire project			

Erosion Control

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	13,411.20 LF	$1.88	$25,213.06
104-11	FLOATING TURBIDITY BARRIER	317.50 LF	$9.45	$3,000.38
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	317.50 LF	$8.60	$2,730.50
104-15	SOIL TRACKING PREVENTION DEVICE	2.00 EA	$3,332.76	$6,665.52
104-18	INLET PROTECTION SYSTEM	65.00 EA	$32.50	$2,112.50
107-1	LITTER REMOVAL	32.32 AC	$28.28	$914.01
107-2	MOWING	32.32 AC	$55.39	$1,790.20
	Shoulder Component Total			$503,116.17

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	22.00
Performance Turf Width	5.34

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
570-1-1	PERFORMANCE TURF	3,978.66 SY	$3.02	$12,015.55

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
520-5-46	TRAF SEP CONC-TYPE IV,8.5' WIDE	782.00 LF	$153.85	$120,310.70
	Median Component Total			$132,326.25

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	17.86 CY	$2,287.37	$40,852.43
425-1-351	INLETS, CURB, TYPE P-5, <10'	46.00 EA	$5,500.00	$253,000.00
425-1-451	INLETS, CURB, TYPE J-5, <10'	13.00 EA	$11,699.08	$152,088.04
425-1-521	INLETS, DT BOT, TYPE C, <10'	7.00 EA	$4,886.95	$34,208.65
425-2-41	MANHOLES, P-7, <10'	7.00 EA	$5,000.00	$35,000.00
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	3,320.00 LF	$111.75	$371,010.00
430-175-136	PIPE CULV, OPT MATL, ROUND,	280.00 LF	$163.55	$45,794.00

	36"S/CD			
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	6,352.00 LF	$167.24	$1,062,308.48
570-1-1	PERFORMANCE TURF	386.08 SY	$3.02	$1,165.96
	Drainage Component Total			$1,995,427.56

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	31.00 AS	$332.50	$10,307.50
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	3.00 AS	$1,175.00	$3,525.00
700-2-15	MULTI- POST SIGN, F&I GM, 51-100 SF	3.00 AS	$8,192.85	$24,578.55
700-2-16	MULTI- POST SIGN, F&I GM, 101-200 SF	3.00 AS	$11,009.55	$33,028.65

X-Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-60	SINGLE POST SIGN, REMOVE	34.00 AS	$14.00	$476.00
700-2-60	MULTI- POST SIGN, REMOVE	6.00 AS	$765.00	$4,590.00
	Signing Component Total			$76,505.70

SIGNALIZATIONS COMPONENT

Signalization 1

Description	Value
Type	4 Lane Mast Arm
Multiplier	2
Description	Includes signals west of the bridge, east of the bridge and at SW Hallmark Street.

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	3,600.00 LF	$8.98	$32,328.00
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	2,000.00 LF	$19.50	$39,000.00
632-7-1	SIGNAL CABLE- NEW OR RECO, FUR & INSTALL	6.00 PI	$8,274.69	$49,648.14
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	64.00 EA	$493.33	$31,573.12
639-1-112	ELECTRICAL POWER SRV,F&I,OH,M,PUR BY CON	4.00 AS	$2,707.42	$10,829.68
639-2-1	ELECTRICAL SERVICE WIRE, F&I	400.00 LF	$5.74	$2,296.00
649-21-8	STEEL MAST ARM ASSEMBLY, F&I, 50'- 40'	16.00 EA	$50,752.91	$812,046.56
650-1-14	VEH TRAF SIGNAL,F&I ALUMINUM, 3 S 1 W	32.00 AS	$1,281.81	$41,017.92
653-1-11	PEDESTRIAN SIGNAL, F&I LED	32.00 AS	$723.60	$23,155.20

	COUNT, 1 WAY			
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	6.00 AS	$26,002.96	$156,017.76
700-3-101	SIGN PANEL, F&I GM, UP TO 12 SF	16.00 EA	$333.61	$5,337.76
700-5-21	INTERNAL ILLUM SIGN, F&I OM, UP TO 12 SF	16.00 EA	$4,519.99	$72,319.84

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
660-4-11	VEHICLE DETECTION SYSTEM-VIDEO, CABINET	6.00	EA	$11,725.20	$70,351.20
660-4-12	VEHICLE DETECTION SYSTEM-VIDEO, ABOVE G	16.00	EA	$4,033.90	$64,542.40

Signalizations Component Total $1,410,463.58

LIGHTING COMPONENT

Conventional Lighting Subcomponent

Description	Value
Spacing	MIN

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	6,705.60	LF	$8.98	$60,216.29
630-2-12	CONDUIT, F& I, DIRECTIONAL BORE	1,330.96	LF	$19.50	$25,953.72
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	45.00	EA	$493.33	$22,199.85
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	24,490.68	LF	$2.77	$67,839.18
715-4-13	LIGHT POLE COMPLETE, F&I-STD, 40'	45.00	EA	$6,416.77	$288,754.65
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	45.00	EA	$566.55	$25,494.75
	Subcomponent Total				$490,458.44

Lighting Component Total $490,458.44

Sequence 1 Total $17,614,973.47

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: SR70OR-1-52-01 **Letting Date:** 01/2099

Description: Okeechobee Road at I-95 Intersection Project.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 1.280 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$21,161,788.49**
Description: Long Term (2045) LRE for SR-70 (Okeechobee Road) at I-95 Intersection Project.

Project Sequences Subtotal			**$17,614,973.47**
102-1	Maintenance of Traffic	10.00 %	$1,761,497.35
101-1	Mobilization	8.00 %	$1,550,117.67
Project Sequences Total			**$20,926,588.49**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-16	PARTNERING (DO NOT BID)	1.00	LS	$6,000.00	$6,000.00
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$150,000.00	$150,000.00
999-20-1	DISPUTES REVIEW BD, MEETING-DO NOT BID	24	DA	$3,300.00	$79,200.00
Project Non-Bid Subtotal					**$235,200.00**
Version 1-P Project Grand Total					**$21,161,788.49**

CR 512 / Fellsmere Road

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: FELLSM-1-52-01 **Letting Date:** 01/2099

Description: Fellsmere Road Concept

District: 04 **County:** 88 INDIAN RIVER **Market Area:** 11 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.700 MI

Project Manager: Min-Tang Li

Version 4 Project Grand Total **$3,204,701.30**
Description: 2045 Fellsmere Road Concept, April 2019 update

Sequence: 1 WUU - Widen/Resurface, Undivided, Urban **Net Length:** 0.038 MI
200 LF

Description: Resurface and widen 108th Ave south of Fellsmere - current 3-lane section

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EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	19.00 / 0.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.038
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.09	AC	$22,587.91	$2,032.91
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	72.53	CY	$193.04	$14,001.19
	Earthwork Component Total				$16,034.10

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	3
Existing Roadway Pavement Width L/R	36.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80

Widened Outside Pavement Width L/R	10.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	279.71	SY	$7.51	$2,100.62
285-709	OPTIONAL BASE,BASE GROUP 09	229.68	SY	$141.69	$32,543.36
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	800.45	SY	$5.91	$4,730.66
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	66.04	TN	$210.79	$13,920.57
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	30.57	TN	$210.79	$6,443.85
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	32.02	TN	$131.08	$4,197.18
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	18.34	TN	$131.08	$2,404.01

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	20.00	EA	$6.58	$131.60
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.30	GM	$1,151.17	$345.35
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.15	GM	$425.11	$63.77
	Roadway Component Total				$66,880.97

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	4.25 / 4.25
New Total Outside Shoulder Width L/R	6.25 / 6.25
Total Outside Shoulder Perf. Turf Width L/R	4.00 / 4.00
Sidewalk Width L/R	0.00 / 0.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	200.11	LF	$38.62	$7,728.25
520-1-10	CONCRETE CURB & GUTTER,	200.11	LF	$38.62	$7,728.25

	TYPE F			
570-1-1	PERFORMANCE TURF	177.88 SY	$3.67	$652.82

Erosion Control

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	400.22 LF	$1.90	$760.42
104-11	FLOATING TURBIDITY BARRIER	3.79 LF	$8.33	$31.57
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	3.79 LF	$3.51	$13.30
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	$2,726.30	$2,726.30
104-18	INLET PROTECTION SYSTEM	2.00 EA	$111.32	$222.64
107-1	LITTER REMOVAL	0.17 AC	$159.88	$27.18
107-2	MOWING	0.17 AC	$352.29	$59.89
	Shoulder Component Total			$19,950.62

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	2.00 EA	$5,948.95	$11,897.90
425-1-451	INLETS, CURB, TYPE J-5, <10'	1.00 EA	$7,680.00	$7,680.00
425-1-521	INLETS, DT BOT, TYPE C, <10'	1.00 EA	$3,919.96	$3,919.96
425-2-41	MANHOLES, P-7, <10'	1.00 EA	$4,097.45	$4,097.45
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	80.00 LF	$171.60	$13,728.00
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	192.00 LF	$172.50	$33,120.00
570-1-1	PERFORMANCE TURF	11.52 SY	$3.67	$42.28
	Drainage Component Total			$74,485.59

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00 AS	$527.47	$527.47
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00 AS	$1,250.71	$1,250.71
700-1-50	SINGLE POST SIGN, RELOCATE	1.00 AS	$302.07	$302.07
700-1-60	SINGLE POST SIGN, REMOVE	1.00 AS	$34.98	$34.98
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00 AS	$5,921.62	$5,921.62
700-2-60	MULTI- POST SIGN, REMOVE	1.00 AS	$1,712.05	$1,712.05
	Signing Component Total			$9,748.90

Sequence 1 Total $187,100.18

Sequence: 2 NUR - New Construction, Undivided, Rural **Net Length:** 0.176 MI 929 LF

Description: Reconstruct 108th Ave south of Fellsmere

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	30.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.176
Top of Structural Course For Begin Section	100.00
Top of Structural Course For End Section	100.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.28	AC	$22,587.91	$28,912.52
120-1	REGULAR EXCAVATION	12,720.81	CY	$8.60	$109,398.97
	Earthwork Component Total				$138,311.49

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	3
Roadway Pavement Width L/R	23.00 / 23.00
Structural Spread Rate	275
Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	6,398.07	SY	$7.51	$48,049.51
285-709	OPTIONAL BASE,BASE GROUP 09	4,815.06	SY	$141.69	$682,245.85
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	652.71	TN	$210.79	$137,584.74
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	391.62	TN	$131.08	$51,333.55

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	95.00	EA	$6.58	$625.10
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.70	GM	$1,151.17	$805.82
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	0.70	GM	$574.37	$402.06
	Roadway Component Total				$921,046.63

SHOULDER COMPONENT

User Input Data

Description	Value
Total Outside Shoulder Width L/R	8.00 / 8.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 2.00
Paved Outside Shoulder Width L/R	4.00 / 4.00
Structural Spread Rate	110
Friction Course Spread Rate	165
Total Width (T) / 8" Overlap (O)	O
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-704	OPTIONAL BASE,BASE GROUP 04	893.67	SY	$20.75	$18,543.65
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	45.41	TN	$210.79	$9,571.97
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	11.24	TN	$131.08	$1,473.34
570-1-1	PERFORMANCE TURF	412.78	SY	$3.67	$1,514.90

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	2,414.76	LF	$1.90	$4,588.04
104-11	FLOATING TURBIDITY BARRIER	43.98	LF	$8.33	$366.35
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	43.98	LF	$3.51	$154.37
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$2,726.30	$2,726.30
107-1	LITTER REMOVAL	2.13	AC	$159.88	$340.54
107-2	MOWING	2.13	AC	$352.29	$750.38
	Shoulder Component Total				$40,029.84

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	3.17	CY	$1,640.37	$5,199.97

430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	144.00 LF	$100.88	$14,526.72
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	32.00 LF	$182.35	$5,835.20
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	8.00 EA	$1,768.94	$14,151.52
570-1-1	PERFORMANCE TURF	123.83 SY	$3.67	$454.46
	Drainage Component Total			$40,167.87

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00 AS	$527.47	$527.47
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	4.00 AS	$1,250.71	$5,002.84
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00 AS	$5,921.62	$5,921.62
	Signing Component Total			$11,451.93

Sequence 2 Total $1,151,007.76

Sequence: 3 WUU - Widen/Resurface, Undivided, Urban **Net Length:** 0.070 MI
370 LF

Description: Resurface and widen 108th Ave north of Fellsmere - current 2-lane section

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	20.00 / 0.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.070
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.17	AC	$22,587.91	$3,839.94
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	219.43	CY	$193.04	$42,358.77
	Earthwork Component Total				$46,198.71

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	3
Existing Roadway Pavement Width L/R	24.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	12.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	599.61	SY	$7.51	$4,503.07
285-709	OPTIONAL BASE,BASE GROUP 09	507.08	SY	$141.69	$71,848.17
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	987.01	SY	$5.91	$5,833.23
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	81.43	TN	$210.79	$17,164.63
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	67.86	TN	$210.79	$14,304.21
337-7-83	ASPH CONC FC,TRAFFIC C,FC-	39.48	TN	$131.08	$5,175.04

	12.5,PG 76-22			
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	40.71 TN	$131.08	$5,336.27

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	38.00	EA	$6.58	$250.04
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.56	GM	$1,151.17	$644.66
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.28	GM	$425.11	$119.03
	Roadway Component Total				$125,178.35

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	2.25 / 6.25
New Total Outside Shoulder Width L/R	6.25 / 6.25
Total Outside Shoulder Perf. Turf Width L/R	4.00 / 4.00
Sidewalk Width L/R	0.00 / 0.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	370.13	LF	$38.62	$14,294.42
520-1-10	CONCRETE CURB & GUTTER, TYPE F	370.13	LF	$38.62	$14,294.42
570-1-1	PERFORMANCE TURF	329.00	SY	$3.67	$1,207.43

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	740.26	LF	$1.90	$1,406.49
104-11	FLOATING TURBIDITY BARRIER	7.01	LF	$8.33	$58.39
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	7.01	LF	$3.51	$24.61
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$2,726.30	$2,726.30
104-18	INLET PROTECTION SYSTEM	4.00	EA	$111.32	$445.28
107-1	LITTER REMOVAL	0.32	AC	$159.88	$51.16
107-2	MOWING	0.32	AC	$352.29	$112.73

	Shoulder Component Total	$34,621.23

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	3.00	EA	$5,948.95	$17,846.85
425-1-451	INLETS, CURB, TYPE J-5, <10'	1.00	EA	$7,680.00	$7,680.00
425-1-521	INLETS, DT BOT, TYPE C, <10'	1.00	EA	$3,919.96	$3,919.96
425-2-41	MANHOLES, P-7, <10'	1.00	EA	$4,097.45	$4,097.45
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	136.00	LF	$171.60	$23,337.60
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	352.00	LF	$172.50	$60,720.00
570-1-1	PERFORMANCE TURF	21.31	SY	$3.67	$78.21
	Drainage Component Total				$117,680.07

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	2.00	AS	$527.47	$1,054.94
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,250.71	$1,250.71
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$302.07	$302.07
700-1-60	SINGLE POST SIGN, REMOVE	2.00	AS	$34.98	$69.96
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$5,921.62	$5,921.62
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$1,712.05	$1,712.05
	Signing Component Total				$10,311.35

Sequence 3 Total	$333,989.71

Sequence: 4 WUU - Widen/Resurface, Undivided, Urban **Net Length:** 0.066 MI
350 LF

Description: Resurface and widen Fellsmere Ave east of 108th Ave - initial 350' - current 4-lane section

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	20.00 / 0.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.066
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.16	AC	$22,587.91	$3,614.07
	Earthwork Component Total				$3,614.07

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	4
Existing Roadway Pavement Width L/R	53.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	2,061.49	SY	$5.91	$12,183.41
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	170.07	TN	$210.79	$35,849.06
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	82.46	TN	$131.08	$10,808.86

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt

Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	3

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	45.00	EA	$6.58	$296.10
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.53	GM	$1,151.17	$610.12
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.40	GM	$425.11	$170.04
	Roadway Component Total				$59,917.59

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	4.25 / 0.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 0.00
Sidewalk Width L/R	0.00 / 0.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	350.06	LF	$38.62	$13,519.32
570-1-1	PERFORMANCE TURF	77.79	SY	$3.67	$285.49

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	700.13	LF	$1.90	$1,330.25
104-11	FLOATING TURBIDITY BARRIER	6.63	LF	$8.33	$55.23
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	6.63	LF	$3.51	$23.27
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$2,726.30	$2,726.30
104-18	INLET PROTECTION SYSTEM	4.00	EA	$111.32	$445.28
107-1	LITTER REMOVAL	0.30	AC	$159.88	$47.96
107-2	MOWING	0.30	AC	$352.29	$105.69
	Shoulder Component Total				$18,538.79

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	3.00	EA	$5,948.95	$17,846.85
425-1-451	INLETS, CURB, TYPE J-5, <10'	1.00	EA	$7,680.00	$7,680.00

425-1-521	INLETS, DT BOT, TYPE C, <10'	1.00 EA	$3,919.96	$3,919.96
425-2-41	MANHOLES, P-7, <10'	1.00 EA	$4,097.45	$4,097.45
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	136.00 LF	$171.60	$23,337.60
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	336.00 LF	$172.50	$57,960.00
570-1-1	PERFORMANCE TURF	20.16 SY	$3.67	$73.99
	Drainage Component Total			$114,915.85

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	2.00	AS	$527.47	$1,054.94
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,250.71	$1,250.71
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$302.07	$302.07
700-1-60	SINGLE POST SIGN, REMOVE	2.00	AS	$34.98	$69.96
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$5,921.62	$5,921.62
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$1,712.05	$1,712.05
	Signing Component Total				$10,311.35

Sequence 4 Total $207,297.65

Sequence: 5 WUU - Widen/Resurface, Undivided, Urban **Net Length:** 0.094 MI 495 LF

Description: Resurface and widen Fellsmere Ave east of 108th Ave - turning bay beyond initial 350' - current 2-lane section

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EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	40.00 / 0.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.094
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.46	AC	$22,587.91	$10,390.44
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	366.17	CY	$193.04	$70,685.46
	Earthwork Component Total				$81,075.90

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	4
Existing Roadway Pavement Width L/R	29.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	24.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	1,462.68	SY	$7.51	$10,984.73
285-709	OPTIONAL BASE,BASE GROUP 09	1,338.86	SY	$141.69	$189,703.07
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	1,595.85	SY	$5.91	$9,431.47
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	131.66	TN	$210.79	$27,752.61
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	181.60	TN	$210.79	$38,279.46

337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	63.83 TN	$131.08	$8,366.84
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	108.96 TN	$131.08	$14,282.48

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	3

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	63.00	EA	$6.58	$414.54
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.75	GM	$1,151.17	$863.38
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.56	GM	$425.11	$238.06
	Roadway Component Total				$300,316.64

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	4.25 / 0.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 0.00
Sidewalk Width L/R	0.00 / 0.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	495.26	LF	$38.62	$19,126.94
570-1-1	PERFORMANCE TURF	110.06	SY	$3.67	$403.92

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	990.53	LF	$1.90	$1,882.01
104-11	FLOATING TURBIDITY BARRIER	9.38	LF	$8.33	$78.14
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	9.38	LF	$3.51	$32.92
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$2,726.30	$2,726.30
104-18	INLET PROTECTION SYSTEM	5.00	EA	$111.32	$556.60
107-1	LITTER REMOVAL	0.43	AC	$159.88	$68.75
107-2	MOWING	0.43	AC	$352.29	$151.48

	Shoulder Component Total	$25,027.06

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	4.00	EA	$5,948.95	$23,795.80
425-1-451	INLETS, CURB, TYPE J-5, <10'	1.00	EA	$7,680.00	$7,680.00
425-1-521	INLETS, DT BOT, TYPE C, <10'	1.00	EA	$3,919.96	$3,919.96
425-2-41	MANHOLES, P-7, <10'	1.00	EA	$4,097.45	$4,097.45
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	184.00	LF	$171.60	$31,574.40
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	472.00	LF	$172.50	$81,420.00
570-1-1	PERFORMANCE TURF	28.52	SY	$3.67	$104.67
	Drainage Component Total				$152,592.28

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	2.00	AS	$527.47	$1,054.94
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,250.71	$1,250.71
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$302.07	$302.07
700-1-60	SINGLE POST SIGN, REMOVE	2.00	AS	$34.98	$69.96
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$5,921.62	$5,921.62
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$1,712.05	$1,712.05
	Signing Component Total				$10,311.35

Sequence 5 Total	$569,323.23

Sequence: 6 WUU - Widen/Resurface, Undivided, Urban **Net Length:** 0.078 MI
410 LF

Description: Resurface and widen Fellsmere Ave east of 108th Ave - beyond turning bays - current 2-lane section

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EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	20.00 / 0.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.077
Top of Structural Course For Begin Section	102.00
Top of Structural Course For End Section	102.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	2.00 % / 2.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.19	AC	$22,587.91	$4,291.70
	Earthwork Component Total				$4,291.70

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Existing Roadway Pavement Width L/R	29.00 / 0.00
Structural Spread Rate	165
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	165

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	1,321.94	SY	$5.91	$7,812.67
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	109.06	TN	$210.79	$22,988.76
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	52.88	TN	$131.08	$6,931.51

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	N

Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	2
Solid Stripe No. of Stripes	4
Skip Stripe No. of Paint Applications	2
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	10.00	EA	$6.58	$65.80
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.62	GM	$1,151.17	$713.73
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	0.16	GM	$425.11	$68.02
	Roadway Component Total				$38,580.49

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	4.25 / 0.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 0.00
Sidewalk Width L/R	0.00 / 0.00

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
520-1-10	CONCRETE CURB & GUTTER, TYPE F	410.26	LF	$38.62	$15,844.24
570-1-1	PERFORMANCE TURF	91.17	SY	$3.67	$334.59

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	820.51	LF	$1.90	$1,558.97
104-11	FLOATING TURBIDITY BARRIER	7.77	LF	$8.33	$64.72
104-12	STAKED TURBIDITY BARRIER-NYL REINF PVC	7.77	LF	$3.51	$27.27
104-15	SOIL TRACKING PREVENTION DEVICE	1.00	EA	$2,726.30	$2,726.30
104-18	INLET PROTECTION SYSTEM	4.00	EA	$111.32	$445.28
107-1	LITTER REMOVAL	0.36	AC	$159.88	$57.56
107-2	MOWING	0.36	AC	$352.29	$126.82
	Shoulder Component Total				$21,185.75

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
425-1-351	INLETS, CURB, TYPE P-5, <10'	3.00	EA	$5,948.95	$17,846.85

425-1-451	INLETS, CURB, TYPE J-5, <10'	1.00 EA	$7,680.00	$7,680.00
425-1-521	INLETS, DT BOT, TYPE C, <10'	1.00 EA	$3,919.96	$3,919.96
425-2-41	MANHOLES, P-7, <10'	1.00 EA	$4,097.45	$4,097.45
430-175-124	PIPE CULV, OPT MATL, ROUND, 24"S/CD	152.00 LF	$171.60	$26,083.20
430-175-148	PIPE CULV, OPT MATL, ROUND, 48"S/CD	392.00 LF	$172.50	$67,620.00
570-1-1	PERFORMANCE TURF	23.62 SY	$3.67	$86.69
	Drainage Component Total			$127,334.15

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	2.00	AS	$527.47	$1,054.94
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,250.71	$1,250.71
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$302.07	$302.07
700-1-60	SINGLE POST SIGN, REMOVE	2.00	AS	$34.98	$69.96
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	1.00	AS	$5,921.62	$5,921.62
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$1,712.05	$1,712.05
	Signing Component Total				$10,311.35

Sequence 6 Total $201,703.44

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: FELLSM-1-52-01 **Letting Date:** 01/2099

Description: Fellsmere Road Concept

District: 04 **County:** 88 INDIAN RIVER **Market Area:** 11 **Units:** English

Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.700 MI

Project Manager: Min-Tang Li

Version 4 Project Grand Total **$3,204,701.30**

Description: 2045 Fellsmere Road Concept, April 2019 update

Project Sequences Subtotal			**$2,650,421.97**
102-1	Maintenance of Traffic	10.00 %	$265,042.20
101-1	Mobilization	8.00 %	$233,237.13
Project Sequences Total			**$3,148,701.30**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-16	PARTNERING (DO NOT BID)	2.00	LS	$3,000.00	$6,000.00
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$50,000.00	$50,000.00
Project Non-Bid Subtotal					**$56,000.00**
Version 4 Project Grand Total					**$3,204,701.30**

I-95 and Orange Avenue NB Off Ramp

Date: 7/9/2019 4:07:52 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: ORANGE-1-52-01 **Letting Date:** 01/2099

Description: NB Off Ramp at SR-68 / Orange Avenue.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.477 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$1,154,132.93**
Description: NB Off Ramp at SR-68 / Orange Avenue.

Sequence: 1 WUR - Widen/Resurface, Undivided, Rural **Net Length:** 0.289 MI
1,526 LF

Description: NB Off Ramp at SR-68 / Orange Avenue. Widening to accommodate an additional exit lane.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	0.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.289
Top of Structural Course For Begin Section	103.00
Top of Structural Course For End Section	103.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.05 AC	$18,538.98	$19,465.93
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	1,787.59 CY	$46.09	$82,390.02
	Earthwork Component Total			$101,855.95

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Existing Roadway Pavement Width L/R	0.00 / 12.00
Structural Spread Rate	275

Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 12.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	4,069.12	SY	$12.46	$50,701.24
285-709	OPTIONAL BASE,BASE GROUP 09	2,090.51	SY	$56.05	$117,173.09
327-70-17	MILLING EXIST ASPH PAVT,3 1/4" AVG DEPTH	2,034.56	SY	$5.42	$11,027.32
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	279.75	TN	$234.79	$65,682.50
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	279.75	TN	$234.79	$65,682.50
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	81.38	TN	$283.16	$23,043.56
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	81.38	TN	$283.16	$23,043.56

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	39.00	EA	$7.25	$282.75
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.58	GM	$1,288.35	$747.24
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	0.29	GM	$920.56	$266.96
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.58	GM	$4,198.74	$2,435.27
711-16-231	THERMOPLASTIC, STD-OTH, YELLOW, SKIP, 6"	0.29	GM	$1,409.88	$408.87
	Roadway Component Total				$360,494.85

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	0.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 2.00
Existing Paved Outside Shoulder Width L/R	0.00 / 0.00

New Paved Outside Shoulder Width L/R	0.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-701	OPTIONAL BASE,BASE GROUP 01	1,751.42	SY	$18.87	$33,049.30
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	93.25	TN	$234.79	$21,894.17
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	67.82	TN	$283.16	$19,203.91
570-1-1	PERFORMANCE TURF	339.09	SY	$2.47	$837.55

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	3,509.62	LF	$2.00	$7,019.24
107-1	LITTER REMOVAL	0.70	AC	$28.35	$19.85
107-2	MOWING	0.70	AC	$62.53	$43.77
	Shoulder Component Total				$82,067.77

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	5.20	CY	$2,287.37	$11,894.32
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	48.00	LF	$106.59	$5,116.32
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	24.00	LF	$184.37	$4,424.88
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	3.00	EA	$1,642.54	$4,927.62
570-1-1	PERFORMANCE TURF	116.76	SY	$2.47	$288.40
	Drainage Component Total				$26,651.54

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$332.50	$332.50
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	6.00	AS	$1,175.00	$7,050.00
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$270.00	$270.00
700-1-60	SINGLE POST SIGN, REMOVE	6.00	AS	$14.00	$84.00

700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	1.00	AS	$3,900.00	$3,900.00
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$765.00	$765.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-4-122	OH STATIC SIGN STR, F&I, S 21-30 FT	1.00	EA	$104,618.49	$104,618.49
700-4-610	OH STATIC SIGN STR, REMOVE, CANT	1.00	EA	$4,852.88	$4,852.88
	Signing Component Total				$121,872.87

LIGHTING COMPONENT

Rural Lighting Subcomponent

Description	Value
Multiplier (Number of Poles)	12

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	2,400.00	LF	$9.53	$22,872.00
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	12.00	EA	$493.33	$5,919.96
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	7,200.00	LF	$2.86	$20,592.00
715-4-14	LIGHT POLE COMPLETE, F&I-STD, 45'	12.00	EA	$6,322.59	$75,871.08
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	12.00	EA	$570.95	$6,851.40
	Subcomponent Total				$132,106.44
	Lighting Component Total				$132,106.44

Sequence 1 Total $825,049.42

Sequence: 2 WUR - Widen/Resurface, Undivided, Rural **Net Length:** 0.188 MI 993 LF

Description: NB Off Ramp at SR-68 / Orange Avenue. Milling and resurfacing areas.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	0.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.289
Top of Structural Course For Begin Section	103.00
Top of Structural Course For End Section	103.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.68	AC	$18,538.98	$12,606.51
	Earthwork Component Total				$12,606.51

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Existing Roadway Pavement Width L/R	0.00 / 12.00
Structural Spread Rate	275
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-17	MILLING EXIST ASPH PAVT,3 1/4" AVG DEPTH	1,323.52	SY	$5.42	$7,173.48
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	181.98	TN	$234.79	$42,727.08
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	52.94	TN	$283.16	$14,990.49

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt

Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	25.00	EA	$7.25	$181.25
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.38	GM	$1,288.35	$489.57
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	0.19	GM	$920.56	$174.91
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.38	GM	$4,198.74	$1,595.52
711-16-231	THERMOPLASTIC, STD-OTH, YELLOW, SKIP, 6"	0.19	GM	$1,409.88	$267.88
	Roadway Component Total				$67,600.18

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 10.00
New Total Outside Shoulder Width L/R	0.00 / 0.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Existing Paved Outside Shoulder Width L/R	0.00 / 10.00
New Paved Outside Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	110
Friction Course Spread Rate	0
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	1,102.93	SY	$7.14	$7,874.92
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	60.66	TN	$234.79	$14,242.36

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	993.00	LF	$2.00	$1,986.00
107-1	LITTER REMOVAL	0.50	AC	$28.35	$14.18
107-2	MOWING	0.50	AC	$62.53	$31.26
	Shoulder Component Total				$24,148.72

Sequence 2 Total $104,355.41

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FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: ORANGE-1-52-01 **Letting Date:** 01/2099

Description: NB Off Ramp at SR-68 / Orange Avenue.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.477 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$1,154,132.93**
Description: NB Off Ramp at SR-68 / Orange Avenue.

Project Sequences Subtotal **$929,404.83**

102-1	Maintenance of Traffic	10.00 %	$92,940.48
101-1	Mobilization	8.00 %	$81,787.62

Project Sequences Total **$1,104,132.93**

Project Unknowns	0.00 %	$0.00
Design/Build	0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$50,000.00	$50,000.00

Project Non-Bid Subtotal **$50,000.00**

Version 1-P Project Grand Total **$1,154,132.93**

I-95 Southbound Lane Reconfiguration
South of Indrio Road Interchange

Date: 4/16/2019 4:47:24 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: I95IRD-1-52-01 **Letting Date:** 01/2099

Description: I-95 SB south of SR-614 / Indrio Road. Includes the adjustment of I-95 SB to eliminate existing merge condition.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.835 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$2,320,135.26**
Description: I-95 SB south of SR-614 / Indrio Road. Includes the adjustment of I-95 SB to eliminate existing merge condition.

Sequence: 1 WDR - Widen/Resurface, Divided, Rural **Net Length:** 0.835 MI
4,409 LF
Description: I-95 SB south of SR-614 / Indrio Road. Includes the adjustment of I-95 SB to eliminate existing merge condition.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	20.00 / 20.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.835
Top of Structural Course For Begin Section	103.00
Top of Structural Course For End Section	103.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Median Slope L/R	6 to 1 / 6 to 1
Existing Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Median Slope L/R	6 to 1 / 6 to 1
Median Shoulder Cross Slope L/R	5.00 % / 5.00 %
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	4.05 AC	$20,174.38	$81,706.24
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	1,273.65 CY	$45.92	$58,486.01
	Earthwork Component Total			$140,192.25

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	4
Existing Roadway Pavement Width L/R	48.00 / 0.00
Structural Spread Rate	110
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	6.00 / 0.00
Widened Inside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	330
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	8,817.60	SY	$11.79	$103,959.50
285-709	OPTIONAL BASE,BASE GROUP 09	3,100.86	SY	$57.59	$178,578.53
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	23,513.60	SY	$7.42	$174,470.91
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	1,293.25	TN	$230.27	$297,796.68
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	484.97	TN	$230.27	$111,674.04
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	940.54	TN	$281.94	$265,175.85
337-7-25	ASPH CONC FC,INC BIT,FC-5,PG76-22	117.57	TN	$281.94	$33,147.69

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	3
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	2

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	338.00	EA	$7.25	$2,450.50
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	2.50	GM	$1,257.90	$3,144.75
710-11-131	PAINTED PAVT MARK,STD,WHITE,SKIP, 6"	1.67	GM	$500.00	$835.00
711-15-101	THERMOPLASTIC, STD-OP, WHITE, SOLID, 6"	2.50	GM	$5,246.68	$13,116.70
711-15-131	THERMOPLASTIC, STD-OP, WHITE, SKIP, 6"	1.67	GM	$1,604.39	$2,679.33
	Roadway Component Total				$1,187,029.48

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	12.00 / 0.00
New Total Outside Shoulder Width L/R	12.00 / 0.00
Total Outside Shoulder Perf. Turf Width L/R	2.00 / 0.00
Existing Paved Outside Shoulder Width L/R	10.00 / 0.00
New Paved Outside Shoulder Width L/R	10.00 / 0.00
Structural Spread Rate	330
Friction Course Spread Rate	0
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-701	OPTIONAL BASE,BASE GROUP 01	5,060.32	SY	$16.30	$82,483.22
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	808.28	TN	$230.27	$186,122.64
570-1-1	PERFORMANCE TURF	979.73	SY	$3.02	$2,958.78

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	10,140.24	LF	$1.89	$19,165.05
107-1	LITTER REMOVAL	6.07	AC	$28.28	$171.66
107-2	MOWING	6.07	AC	$55.39	$336.22
	Shoulder Component Total				$291,237.56

MEDIAN COMPONENT

User Input Data

Description	Value
Total Median Width	20.00
Performance Turf Width	5.00
New Total Median Shoulder Width L/R	0.00 / 0.00
New Paved Median Shoulder Width L/R	0.00 / 0.00
Existing Total Median Shoulder Width L/R	12.00 / 0.00
Existing Paved Median Shoulder Width L/R	10.00 / 0.00
Structural Spread Rate	110
Friction Course Spread Rate	0
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	4,898.67	SY	$7.42	$36,348.13
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	269.43	TN	$230.27	$62,041.65
570-1-1	PERFORMANCE TURF	2,449.33	SY	$3.02	$7,396.98
	Median Component Total				$105,786.76

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	15.03	CY	$2,287.37	$34,379.17
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	672.00	LF	$100.22	$67,347.84
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	72.00	LF	$167.52	$12,061.44
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	34.00	EA	$1,750.47	$59,515.98
570-1-1	PERFORMANCE TURF	587.84	SY	$3.02	$1,775.28
	Drainage Component Total				$175,079.71

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	5.00	AS	$332.50	$1,662.50
700-1-60	SINGLE POST SIGN, REMOVE	5.00	AS	$14.00	$70.00
700-2-14	MULTI- POST SIGN, F&I GM, 31-50 SF	2.00	AS	$4,150.00	$8,300.00
700-2-60	MULTI- POST SIGN, REMOVE	2.00	AS	$765.00	$1,530.00
	Signing Component Total				$11,562.50

Sequence 1 Total $1,910,888.26

Date: 4/16/2019 4:47:25 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: I95IRD-1-52-01 **Letting Date:** 01/2099

Description: I-95 SB south of SR-614 / Indrio Road. Includes the adjustment of I-95 SB to eliminate existing merge condition.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English

Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.835 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$2,320,135.26**

Description: I-95 SB south of SR-614 / Indrio Road. Includes the adjustment of I-95 SB to eliminate existing merge condition.

Project Sequences Subtotal			**$1,910,888.26**
102-1	Maintenance of Traffic	10.00 %	$191,088.83
101-1	Mobilization	8.00 %	$168,158.17
Project Sequences Total			**$2,270,135.26**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$50,000.00	$50,000.00
Project Non-Bid Subtotal					**$50,000.00**
Version 1-P Project Grand Total					**$2,320,135.26**

I-95 and Indrio Road NB Off Ramp

Date: 7/10/2019 8:50:05 AM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: INDRIO-1-52-01 **Letting Date:** 01/2099

Description: NB Off Ramp at SR-614 / Indrio Road.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.352 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$959,516.40**
Description: NB Off Ramp at SR-614 / Indrio Road.

Sequence: 1 WUR - Widen/Resurface, Undivided, Rural **Net Length:** 0.284 MI
1,500 LF

Description: NB Off Ramp at SR-614 / Indrio Road. Widening to accommodate an additional exit lane.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	0.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.284
Top of Structural Course For Begin Section	103.00
Top of Structural Course For End Section	103.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.03	AC	$18,538.98	$19,095.15
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	1,756.66	CY	$46.09	$80,964.46
	Earthwork Component Total				$100,059.61

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Existing Roadway Pavement Width L/R	0.00 / 12.00
Structural Spread Rate	275
Friction Course Spread Rate	80

Widened Outside Pavement Width L/R	0.00 / 12.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	3,998.72	SY	$12.46	$49,824.05
285-709	OPTIONAL BASE,BASE GROUP 09	2,054.34	SY	$56.05	$115,145.76
327-70-17	MILLING EXIST ASPH PAVT,3 1/4" AVG DEPTH	1,999.36	SY	$5.42	$10,836.53
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	274.91	TN	$234.79	$64,546.12
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	274.91	TN	$234.79	$64,546.12
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	79.97	TN	$283.16	$22,644.31
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	79.97	TN	$283.16	$22,644.31

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	38.00	EA	$7.25	$275.50
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.57	GM	$1,288.35	$734.36
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	0.28	GM	$920.56	$257.76
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.57	GM	$4,198.74	$2,393.28
711-16-231	THERMOPLASTIC, STD-OTH, YELLOW, SKIP, 6"	0.28	GM	$1,409.88	$394.77
	Roadway Component Total				$354,242.85

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	0.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 2.00
Existing Paved Outside Shoulder Width L/R	0.00 / 0.00
New Paved Outside Shoulder Width L/R	0.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80

Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-701	OPTIONAL BASE,BASE GROUP 01	1,721.12	SY	$18.87	$32,477.53
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	91.64	TN	$234.79	$21,516.16
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	66.65	TN	$283.16	$18,872.61
570-1-1	PERFORMANCE TURF	333.23	SY	$2.47	$823.08

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	3,448.90	LF	$2.00	$6,897.80
107-1	LITTER REMOVAL	0.69	AC	$28.35	$19.56
107-2	MOWING	0.69	AC	$62.53	$43.15
	Shoulder Component Total				$80,649.89

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	5.11	CY	$2,287.37	$11,688.46
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	48.00	LF	$106.59	$5,116.32
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	24.00	LF	$184.37	$4,424.88
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	3.00	EA	$1,642.54	$4,927.62
570-1-1	PERFORMANCE TURF	114.74	SY	$2.47	$283.41
	Drainage Component Total				$26,440.69

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$332.50	$332.50
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	6.00	AS	$1,175.00	$7,050.00
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$270.00	$270.00
700-1-60	SINGLE POST SIGN, REMOVE	6.00	AS	$14.00	$84.00
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	1.00	AS	$3,900.00	$3,900.00
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$765.00	$765.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount

700-4-112	OH STATIC SIGN STR, F&I, C 21-30 FT	1.00 EA	$68,961.77	$68,961.77
700-4-610	OH STATIC SIGN STR, REMOVE, CANT	1.00 EA	$4,852.88	$4,852.88
	Signing Component Total			$86,216.15

LIGHTING COMPONENT

Rural Lighting Subcomponent

Description	**Value**
Multiplier (Number of Poles)	4

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	800.00	LF	$9.53	$7,624.00
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	4.00	EA	$493.33	$1,973.32
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	2,400.00	LF	$2.86	$6,864.00
715-4-14	LIGHT POLE COMPLETE, F&I-STD, 45'	4.00	EA	$6,322.59	$25,290.36
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	4.00	EA	$570.95	$2,283.80
	Subcomponent Total				$44,035.48
	Lighting Component Total				$44,035.48

Sequence 1 Total $691,644.67

Sequence: 2 WUR - Widen/Resurface, Undivided, Rural **Net Length:** 0.068 MI
359 LF

Description: NB Off Ramp at SR-614 / Indrio Road. Milling and resurfacing areas.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	0.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.068
Top of Structural Course For Begin Section	103.00
Top of Structural Course For End Section	103.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.25	AC	$18,538.98	$4,634.74
	Earthwork Component Total				$4,634.74

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Existing Roadway Pavement Width L/R	0.00 / 24.00
Structural Spread Rate	275
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-17	MILLING EXIST ASPH PAVT,3 1/4" AVG DEPTH	957.44	SY	$5.42	$5,189.32
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	131.65	TN	$234.79	$30,910.10
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	38.30	TN	$283.16	$10,845.03

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt

Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	9.00	EA	$7.25	$65.25
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.14	GM	$1,288.35	$180.37
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	0.07	GM	$920.56	$64.44
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.14	GM	$4,198.74	$587.82
711-16-231	THERMOPLASTIC, STD-OTH, YELLOW, SKIP, 6"	0.07	GM	$1,409.88	$98.69
	Roadway Component Total				$47,941.02

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 10.00
New Total Outside Shoulder Width L/R	0.00 / 0.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Existing Paved Outside Shoulder Width L/R	0.00 / 10.00
New Paved Outside Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	110
Friction Course Spread Rate	0
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	398.93	SY	$7.14	$2,848.36
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	21.94	TN	$234.79	$5,151.29

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	825.79	LF	$2.00	$1,651.58
107-1	LITTER REMOVAL	0.16	AC	$28.35	$4.54
107-2	MOWING	0.16	AC	$62.53	$10.00
	Shoulder Component Total				$9,665.77

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	1.22	CY	$2,287.37	$2,790.59
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	16.00	LF	$106.59	$1,705.44
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	8.00	LF	$184.37	$1,474.96
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	1.00	EA	$1,642.54	$1,642.54
570-1-1	PERFORMANCE TURF	27.47	SY	$2.47	$67.85
	Drainage Component Total				$7,681.38

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$332.50	$332.50
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	2.00	AS	$1,175.00	$2,350.00
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$270.00	$270.00
700-1-60	SINGLE POST SIGN, REMOVE	2.00	AS	$14.00	$28.00
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	1.00	AS	$3,900.00	$3,900.00
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$765.00	$765.00
	Signing Component Total				$7,645.50

Sequence 2 Total $77,568.41

Date: 7/10/2019 8:50:05 AM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: INDRIO-1-52-01 **Letting Date:** 01/2099

Description: NB Off Ramp at SR-614 / Indrio Road.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.352 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$959,516.40**
Description: NB Off Ramp at SR-614 / Indrio Road.

Project Sequences Subtotal			**$769,213.08**
102-1	Maintenance of Traffic	10.00 %	$76,921.31
101-1	Mobilization	8.00 %	$67,690.75
Project Sequences Total			**$913,825.14**
Project Unknowns		0.00 %	$0.00
Design/Build		0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$45,691.26	$45,691.26
Project Non-Bid Subtotal					**$45,691.26**
Version 1-P Project Grand Total					**$959,516.40**

I-95 and SR 60 NB Off Ramp

Date: 7/10/2019 1:30:50 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: SR60OR-1-52-01 **Letting Date:** 01/2099

Description: NB Off Ramp at SR-60.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English
Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.380 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$1,111,011.68**
Description: NB Off Ramp at SR-60.

Sequence: 1 WUR - Widen/Resurface, Undivided, Rural **Net Length:** 0.330 MI
1,743 LF

Description: NB Off Ramp at SR-60. Widening to accommodate an additional exit lane.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	0.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.330
Top of Structural Course For Begin Section	103.00
Top of Structural Course For End Section	103.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	1.20	AC	$18,538.98	$22,246.78
120-2-2	BORROW EXCAVATION, TRUCK MEASURE	2,041.19	CY	$46.09	$94,078.45
	Earthwork Component Total				$116,325.22

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Existing Roadway Pavement Width L/R	0.00 / 12.00
Structural Spread Rate	275
Friction Course Spread Rate	80

Widened Outside Pavement Width L/R	0.00 / 12.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
160-4	TYPE B STABILIZATION	4,647.81	SY	$12.46	$57,911.71
285-709	OPTIONAL BASE,BASE GROUP 09	2,387.81	SY	$56.05	$133,836.75
327-70-17	MILLING EXIST ASPH PAVT,3 1/4" AVG DEPTH	2,323.90	SY	$5.42	$12,595.54
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	319.54	TN	$234.79	$75,024.80
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	319.54	TN	$234.79	$75,024.80
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	92.96	TN	$283.16	$26,322.55
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	92.96	TN	$283.16	$26,322.55

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt
Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	45.00	EA	$7.25	$326.25
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.66	GM	$1,288.35	$850.31
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	0.33	GM	$920.56	$303.78
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.66	GM	$4,198.74	$2,771.17
711-16-231	THERMOPLASTIC, STD-OTH, YELLOW, SKIP, 6"	0.33	GM	$1,409.88	$465.26
	Roadway Component Total				$411,755.47

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 0.00
New Total Outside Shoulder Width L/R	0.00 / 12.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 2.00
Existing Paved Outside Shoulder Width L/R	0.00 / 0.00
New Paved Outside Shoulder Width L/R	0.00 / 10.00
Structural Spread Rate	110
Friction Course Spread Rate	80

Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
285-701	OPTIONAL BASE,BASE GROUP 01	2,000.49	SY	$18.87	$37,749.25
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	106.51	TN	$234.79	$25,007.48
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	77.46	TN	$283.16	$21,933.57
570-1-1	PERFORMANCE TURF	387.32	SY	$2.47	$956.68

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	4,008.73	LF	$2.00	$8,017.46
107-1	LITTER REMOVAL	0.80	AC	$28.35	$22.68
107-2	MOWING	0.80	AC	$62.53	$50.02
	Shoulder Component Total				$93,737.15

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	5.94	CY	$2,287.37	$13,586.98
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	56.00	LF	$106.59	$5,969.04
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	24.00	LF	$184.37	$4,424.88
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	4.00	EA	$1,642.54	$6,570.16
570-1-1	PERFORMANCE TURF	133.36	SY	$2.47	$329.40
	Drainage Component Total				$30,880.46

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$332.50	$332.50
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	7.00	AS	$1,175.00	$8,225.00
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$270.00	$270.00
700-1-60	SINGLE POST SIGN, REMOVE	7.00	AS	$14.00	$98.00
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	1.00	AS	$3,900.00	$3,900.00
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$765.00	$765.00

X-Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount

700-4-113	OH STATIC SIGN STR, F&I, C 31-40 FT	1.00 EA	$86,691.47	$86,691.47
700-4-610	OH STATIC SIGN STR, REMOVE, CANT	1.00 EA	$4,852.88	$4,852.88
	Signing Component Total			$105,134.85

LIGHTING COMPONENT

Rural Lighting Subcomponent

Description	**Value**
Multiplier (Number of Poles)	7

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
630-2-11	CONDUIT, F& I, OPEN TRENCH	1,400.00	LF	$9.53	$13,342.00
635-2-11	PULL & SPLICE BOX, F&I, 13" x 24"	7.00	EA	$493.33	$3,453.31
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	4,200.00	LF	$2.86	$12,012.00
715-4-14	LIGHT POLE COMPLETE, F&I-STD, 45'	7.00	EA	$6,322.59	$44,258.13
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	7.00	EA	$570.95	$3,996.65
	Subcomponent Total				$77,062.09
	Lighting Component Total				$77,062.09

Sequence 1 Total $834,895.24

Sequence: 2 WUR - Widen/Resurface, Undivided, Rural **Net Length:** 0.050 MI 264 LF

Description: NB Off Ramp at SR-60. Milling and resurfacing areas.

EARTHWORK COMPONENT

User Input Data

Description	Value
Standard Clearing and Grubbing Limits L/R	0.00 / 30.00
Incidental Clearing and Grubbing Area	0.00
Alignment Number	1
Distance	0.050
Top of Structural Course For Begin Section	103.00
Top of Structural Course For End Section	103.00
Horizontal Elevation For Begin Section	100.00
Horizontal Elevation For End Section	100.00
Existing Front Slope L/R	6 to 1 / 6 to 1
Existing Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Front Slope L/R	6 to 1 / 6 to 1
Outside Shoulder Cross Slope L/R	6.00 % / 6.00 %
Roadway Cross Slope L/R	2.00 % / 2.00 %

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
110-1-1	CLEARING & GRUBBING	0.18	AC	$18,538.98	$3,337.02
	Earthwork Component Total				$3,337.02

ROADWAY COMPONENT

User Input Data

Description	Value
Number of Lanes	2
Existing Roadway Pavement Width L/R	0.00 / 24.00
Structural Spread Rate	275
Friction Course Spread Rate	80
Widened Outside Pavement Width L/R	0.00 / 0.00
Widened Structural Spread Rate	275
Widened Friction Course Spread Rate	80

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-17	MILLING EXIST ASPH PAVT,3 1/4" AVG DEPTH	704.00	SY	$5.42	$3,815.68
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	96.80	TN	$234.79	$22,727.67
337-7-83	ASPH CONC FC,TRAFFIC C,FC-12.5,PG 76-22	28.16	TN	$283.16	$7,973.79

Pavement Marking Subcomponent

Description	Value
Include Thermo/Tape/Other	Y
Pavement Type	Asphalt

Solid Stripe No. of Paint Applications	1
Solid Stripe No. of Stripes	2
Skip Stripe No. of Paint Applications	1
Skip Stripe No. of Stripes	1

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
706-3	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	7.00	EA	$7.25	$50.75
710-11-101	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	0.10	GM	$1,288.35	$128.84
710-11-231	PAINTED PAVT MARK,STD,YELLOW,SKIP,6"	0.05	GM	$920.56	$46.03
711-16-101	THERMOPLASTIC, STD-OTH, WHITE, SOLID, 6"	0.10	GM	$4,198.74	$419.87
711-16-231	THERMOPLASTIC, STD-OTH, YELLOW, SKIP, 6"	0.05	GM	$1,409.88	$70.49
	Roadway Component Total				$35,233.12

SHOULDER COMPONENT

User Input Data

Description	Value
Existing Total Outside Shoulder Width L/R	0.00 / 10.00
New Total Outside Shoulder Width L/R	0.00 / 0.00
Total Outside Shoulder Perf. Turf Width L/R	0.00 / 0.00
Existing Paved Outside Shoulder Width L/R	0.00 / 10.00
New Paved Outside Shoulder Width L/R	0.00 / 0.00
Structural Spread Rate	110
Friction Course Spread Rate	0
Total Width (T) / 8" Overlap (O)	T
Rumble Strips ï¿½No. of Sides	0

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
327-70-1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	293.33	SY	$7.14	$2,094.38
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	16.13	TN	$234.79	$3,787.16

Erosion Control

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
104-10-3	SEDIMENT BARRIER	607.20	LF	$2.00	$1,214.40
107-1	LITTER REMOVAL	0.12	AC	$28.35	$3.40
107-2	MOWING	0.12	AC	$62.53	$7.50
	Shoulder Component Total				$7,106.85

DRAINAGE COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
400-2-2	CONC CLASS II, ENDWALLS	0.90	CY	$2,287.37	$2,058.63
430-174-124	PIPE CULV, OPT MATL, ROUND,24"SD	8.00	LF	$106.59	$852.72
430-175-136	PIPE CULV, OPT MATL, ROUND, 36"S/CD	8.00	LF	$184.37	$1,474.96
430-984-129	MITERED END SECT, OPTIONAL RD, 24" SD	1.00	EA	$1,642.54	$1,642.54
570-1-1	PERFORMANCE TURF	20.20	SY	$2.47	$49.89
	Drainage Component Total				$6,078.74

SIGNING COMPONENT

Pay Items

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
700-1-11	SINGLE POST SIGN, F&I GM, <12 SF	1.00	AS	$332.50	$332.50
700-1-12	SINGLE POST SIGN, F&I GM, 12-20 SF	1.00	AS	$1,175.00	$1,175.00
700-1-50	SINGLE POST SIGN, RELOCATE	1.00	AS	$270.00	$270.00
700-1-60	SINGLE POST SIGN, REMOVE	1.00	AS	$14.00	$14.00
700-2-13	MULTI- POST SIGN, F&I GM, 21-30 SF	1.00	AS	$3,900.00	$3,900.00
700-2-60	MULTI- POST SIGN, REMOVE	1.00	AS	$765.00	$765.00
	Signing Component Total				$6,456.50

Sequence 2 Total $58,212.23

Date: 7/10/2019 1:30:50 PM

FDOT Long Range Estimating System - Production

R3: Project Details by Sequence Report

Project: SR60OR-1-52-01 **Letting Date:** 01/2099

Description: NB Off Ramp at SR-60.

District: 06 **County:** 99 DISTRICT/STATE WIDE **Market Area:** 99 **Units:** English

Contract Class: **Lump Sum Project:** N **Design/Build:** N **Project Length:** 0.380 MI

Project Manager: Min-Tang Li

Version 1-P Project Grand Total **$1,111,011.68**

Description: NB Off Ramp at SR-60.

Project Sequences Subtotal **$893,107.47**

102-1	Maintenance of Traffic	10.00 %	$89,310.75
101-1	Mobilization	8.00 %	$78,593.46

Project Sequences Total **$1,061,011.68**

Project Unknowns	0.00 %	$0.00
Design/Build	0.00 %	$0.00

Non-Bid Components:

Pay item	Description	Quantity	Unit	Unit Price	Extended Amount
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)		LS	$50,000.00	$50,000.00

Project Non-Bid Subtotal **$50,000.00**

Version 1-P Project Grand Total **$1,111,011.68**

End of Long Term LRE's

Appendix H

Delay-Benefit Analysis

CR 708 / SE BRIDGE ROAD
2030

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2030)

I-95 at Bridge Road Interchange

PEAK TRAFFIC VOLUMES

2030 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	80	0	215	380	0	135	0	235	310	0	460	140
PM PEAK	215	0	305	170	0	50	0	280	85	0	395	345
24 Hour Total	**5800**			**2400**			**4400**			**7000**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	259.90	91.50	$30,449.73
Build Alternative*	48.90	43.60	$8,015.37

DELAY COST

No Build	D1 =	$30,449.73
Build Alternative	D2 =	$8,015.37

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$22,434.37	$8,188,544

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Signalizing NB and SB Ramp termini intersections.

* - Represents a cumulative delay for intersections within interchangre influence area.

CR 708 / SE BRIDGE ROAD
2045

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2045)

I-95 at Bridge Road Interchange

PEAK TRAFFIC VOLUMES

2045 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	125	0	280	505	0	220	0	355	440	0	585	210
PM PEAK	440	0	380	255	0	115	0	405	130	0	530	470
24 Hour Total	**9100**			**4100**			**7000**			**9500**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	890.20	581.10	$134,824.58
Build Alternative*	65.40	48.60	$10,446.55

DELAY COST

No Build	D1 =	$134,824.58
Build Alternative	D2 =	$10,446.55

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$124,378.04	$45,397,983

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Signalizing NB and SB Ramp termini intersections.

* - Represents a cumulative delay for intersections within interchangre influence area.

SR 76 / SW KANNER HIGHWAY
2030

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2030)

I-95 at SR 76/Kanner Highway Interchange

PEAK TRAFFIC VOLUMES

2030 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	125	0	890	865	0	490	0	1130	255	0	2220	630
PM PEAK	155	0	1400	610	0	295	0	1225	140	0	1815	850
24 Hour Total	**17300**			**10100**			**14000**			**31000**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	127.10	150.20	$25,756.82
Build Alternative*	127.10	150.20	$25,756.82

DELAY COST

No Build	D1 =	$25,756.82
Build Alternative	D2 =	$25,756.82

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$0.00	$0

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = No physical improvements needed by 2030.

* - Represents a cumulative delay for intersections within study area.

SR 76 / SW KANNER HIGHWAY
2045

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2045)

I-95 at SR 76/Kanner Highway Interchange

PEAK TRAFFIC VOLUMES

2045 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	145	0	1145	1300	0	590	0	1275	275	0	2595	1035
PM PEAK	170	0	1750	1015	0	385	0	1405	165	0	2205	1285
24 Hour Total	**21300**			**15600**			**17500**			**39500**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	196.20	244.70	$41,548.90
Build Alternative*	183.90	196.20	$35,819.32

DELAY COST

No Build	D1 =	$41,548.90
Build Alternative	D2 =	$35,819.32

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$5,729.58	$2,091,298

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Diverging Diamond Interchange (DDI) configuration.

* - Represents a cumulative delay for intersections within study area.

SW HIGH MEADOW AVENUE
2030

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2030)

I-95 at High Meadow Avenue Interchange

High Meadow Avenue at Swallowtail Lane Intersection

PEAK TRAFFIC VOLUMES

2030 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	0	455	15	25	1115	0	0	0	0	0	75	0
PM PEAK	0	1140	25	30	485	0	0	0	0	0	35	0
24 Hour Total		**8500**			**9500**			**0**			**500**	

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	1.10	0.80	$173.68
Build Alternative*	1.10	0.80	$173.68

DELAY COST

No Build	D1 =	$173.68
Build Alternative	D2 =	$173.68

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$0.00	$0

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = No physical improvements needed by 2030.

* - Represents an overall intersection delay at Swallowtail Lane and High Meadow Avenue.

SW HIGH MEADOW AVENUE
2045

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2045)

I-95 at High Meadow Avenue Interchange

High Meadow Avenue at Swallowtail Lane Intersection

PEAK TRAFFIC VOLUMES

2045 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	0	630	20	30	1295	0	0	0	0	0	100	0
PM PEAK	0	1370	25	40	605	0	0	0	0	0	45	0
24 Hour Total	**11000**			**12000**			**0**			**600**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	1.70	1.70	$324.05
Build Alternative*	6.50	4.70	$1,067.45

DELAY COST

No Build	D1 =	$324.05
Build Alternative	D2 =	$1,067.45

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	-$743.40	-$271,341

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Signalize SW Swallowtail Lane

* - Represents an overall intersection delay at Swallowtail Lane and High Meadow Avenue.

CR 714 / SR 714 / SW MARTIN HIGHWAY
2030

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2030)

I-95 at SR 714/Martin Highway Interchange

PEAK TRAFFIC VOLUMES

2030 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	85	0	50	390	0	170	0	215	100	0	160	365
PM PEAK	100	0	65	355	0	105	0	290	75	0	180	465
24 Hour Total	**1800**			**5100**			**3750**			**6000**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	29.70	31.00	$5,356.15
Build Alternative*	47.90	59.20	$9,450.48

DELAY COST

No Build	D1 =	$5,356.15
Build Alternative	D2 =	$9,450.48

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	-$4,094.32	-$1,494,428

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Signalize ramp terminla intersections and Stuart Blvd; needed by 2030.

* - Represents a cumulative delay for intersections within study area.

CR 714 / SR 714 / SW MARTIN HIGHWAY
2045

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2045)

I-95 at SR 714/Martin Highway Interchange

PEAK TRAFFIC VOLUMES

2045 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	120	0	70	495	0	250	0	285	140	0	195	465
PM PEAK	140	0	85	425	0	160	0	380	110	0	215	550
24 Hour Total	**2500**			**6500**			**5000**			**7500**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	125.30	126.80	$22,290.95
Build Alternative*	79.60	57.30	$12,104.84

DELAY COST

No Build	D1 =	$22,290.95
Build Alternative	D2 =	$12,104.84

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$10,186.11	$3,717,928

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Add turn lanes at ramp terminal interections, plus improvements already noted for 2030.

* - Represents a cumulative delay for intersections within study area.

SW BECKER ROAD
2030

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2030)

I-95 at Becker Road Interchange

PEAK TRAFFIC VOLUMES

2030 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	295	0	130	285	0	275	0	425	160	0	1105	785
PM PEAK	315	0	795	515	0	200	0	715	160	0	455	480
24 Hour Total	**12300**			**7900**			**9500**			**15000**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	150.70	159.90	$32,875.01
Build Alternative*	132.30	119.30	$26,630.24

DELAY COST

No Build	D1 =	$32,875.01
Build Alternative	D2 =	$26,630.24

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$6,244.77	$2,279,341

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Add turn lane at Village Parkway Dr; needed by 2030.

* - Represents a cumulative delay for intersections within study area.

SW BECKER ROAD
2045

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2045)

I-95 at Becker Road Interchange

PEAK TRAFFIC VOLUMES

2045 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	675	0	215	445	0	755	0	875	325	0	1580	1050
PM PEAK	690	0	905	680	0	540	0	1515	385	0	685	740
24 Hour Total	**17700**			**13600**			**19000**			**22500**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	709.30	854.50	$158,589.55
Build Alternative*	141.50	134.10	$27,949.40

DELAY COST

No Build	D1 =	$158,589.55
Build Alternative	D2 =	$27,949.40

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$130,640.14	$47,683,652

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Add turn lanes at ramp terminal interections and adjacent intersections, plus improvements already noted for 2030.

* - Represents a cumulative delay for intersections within study area.

TRADITION PARKWAY / GATLIN BOULEVARD
2030

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2030)

I-95 at Gatlin Boulevard Interchange

PEAK TRAFFIC VOLUMES

2030 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	515	0	200	600	0	855	0	1310	410	0	1485	1435
PM PEAK	690	0	510	1285	0	625	0	1745	320	0	900	915
24 Hour Total	**13300**			**21200**			**23500**			**27000**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	224.20	257.50	$49,845.48
Build Alternative*	167.80	148.10	$32,688.78

DELAY COST

No Build	D1 =	$49,845.48
Build Alternative	D2 =	$32,688.78

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$17,156.70	$6,262,194

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Add turn lane at Village Parkway Dr; needed by 2030.

* - Represents a cumulative delay for intersections within study area.

TRADITION PARKWAY / GATLIN BOULEVARD
2045

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2045)

I-95 at Gatlin Boulevard Interchange

PEAK TRAFFIC VOLUMES

2045 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	850	0	265	835	0	1550	0	1975	700	0	2085	1755
PM PEAK	1050	0	650	1600	0	1000	0	3065	660	0	1295	1300
24 Hour Total	**18900**			**28900**			**36000**			**35000**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	761.40	857.60	$156,591.47
Build Alternative*	250.00	209.00	$44,394.99

DELAY COST

No Build	D1 =	$156,591.47
Build Alternative	D2 =	$44,394.99

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$112,196.48	$40,951,716

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Diverging Diamond Intersection (DDI) configuration, plus improvements already noted for 2030.

* - Represents a cumulative delay for intersections within study area.

CROSSTOWN PARKWAY
2030

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2030)

I-95 at Crosstown Parkway Interchange

PEAK TRAFFIC VOLUMES

2030 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	160	0	365	465	0	310	0	1025	245	0	1180	885
PM PEAK	240	0	860	785	0	600	0	965	185	0	905	455
24 Hour Total	**12200**			**15400**			**14500**			**19500**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	134.50	129.50	$28,370.54
Build Alternative*	134.50	129.50	$28,370.54

DELAY COST

No Build	D1 =	$28,370.54
Build Alternative	D2 =	$28,370.54

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$0.00	$0

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = No improvements needed by 2030.

* - Represents a cumulative delay for intersections within study area.

CROSSTOWN PARKWAY
2045

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2045)

I-95 at Crosstown Parkway Interchange

PEAK TRAFFIC VOLUMES

2045 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	375	0	530	625	0	585	0	1715	490	0	1740	1130
PM PEAK	435	0	1165	1120	0	995	0	1590	365	0	1400	660
24 Hour Total	**17800**			**23500**			**22500**			**28500**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	313.60	276.20	$61,298.09
Build Alternative*	155.90	158.40	$32,665.29

DELAY COST

No Build	D1 =	$61,298.09
Build Alternative	D2 =	$32,665.29

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$28,632.80	$10,450,971

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Add turn lanes at ramp terminal intersections, plus add turn lanes at California Blvd intersection.

* - Represents a cumulative delay for intersections within study area.

ST. LUCIE WEST BOULEVARD
2030

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2030)

I-95 at St Lucie West Boulevard Interchange

PEAK TRAFFIC VOLUMES

2030 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	295	0	1285	725	0	60	0	450	365	0	1065	455
PM PEAK	260	0	1060	640	0	130	0	320	305	0	1575	490
24 Hour Total	**14700**			**8600**			**8500**			**22000**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	171.60	212.10	$36,582.64
Build Alternative*	112.20	135.50	$23,616.16

DELAY COST

No Build	D1 =	$36,582.64
Build Alternative	D2 =	$23,616.16

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$12,966.48	$4,732,766

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Add turn lanes at Peacock Blvd intersection; needed by 2030.

* - Represents a cumulative delay for intersections within study area.

ST. LUCIE WEST BOULEVARD
2045

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2045)

I-95 at St Lucie West Boulevard Interchange

PEAK TRAFFIC VOLUMES

2045 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	485	0	1680	800	0	95	0	580	660	0	1440	485
PM PEAK	520	0	1310	660	0	225	0	345	460	0	2105	525
24 Hour Total	**20300**			**9800**			**11000**			**26500**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	272.60	369.60	$58,936.06
Build Alternative*	140.50	138.80	$25,631.95

DELAY COST

No Build	D1 =	$58,936.06
Build Alternative	D2 =	$25,631.95

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$33,304.10	$12,155,998

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Add lanes at ramp terminal intersections, plus improvements already noted for 2030.

* - Represents a cumulative delay for intersections within study area.

CR 712 / MIDWAY ROAD
2030

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2030)

I-95 at Midway Road Interchange

PEAK TRAFFIC VOLUMES

2030 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	235	0	630	270	0	50	0	215	220	0	575	465
PM PEAK	175	0	490	355	0	70	0	255	285	0	655	300
24 Hour Total	**7400**			**4700**			**5000**			**11000**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	70.70	78.50	$13,428.85
Build Alternative*	70.70	78.50	$13,428.85

DELAY COST

No Build	D1 =	$13,428.85
Build Alternative	D2 =	$13,428.85

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$0.00	$0

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = No improvements needed by 2030.

* - Represents a cumulative delay for intersections within study area.

CR 712 / MIDWAY ROAD
2045

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2045)

I-95 at Midway Road Interchange

PEAK TRAFFIC VOLUMES

2045 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	410	0	780	335	0	105	0	325	380	0	755	545
PM PEAK	295	0	620	450	0	135	0	405	485	0	855	385
24 Hour Total	**10200**			**6500**			**7500**			**14500**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	133.00	138.20	$24,270.25
Build Alternative*	111.30	106.40	$19,482.43

DELAY COST

No Build	D1 =	$24,270.25
Build Alternative	D2 =	$19,482.43

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$4,787.83	$1,747,557

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Add lanes at SB ramp terminal intersection and at Glades Cut-Off Rd intersection.

* - Represents a cumulative delay for intersections within study area.

SR 70 / OKEECHOBEE ROAD
2030

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2030)

I-95 at SR 70/Okeechobee Road Interchange

PEAK TRAFFIC VOLUMES

2030 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	430	0	1380	345	0	495	0	1480	245	0	1135	385
PM PEAK	365	0	890	400	0	550	0	1215	270	0	1820	465
24 Hour Total	**13900**			**10600**			**18500**			**23000**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	139.90	165.40	$28,518.67
Build Alternative*	141.50	151.50	$27,369.71

DELAY COST

No Build	D1 =	$28,518.67
Build Alternative	D2 =	$27,369.71

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$1,148.97	$419,373

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Provide Lane Utilization improvements for WB SR 70; needed by 2030.

* - Represents a cumulative delay for intersections within study area.

SR 70 / OKEECHOBEE ROAD
2045

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2045)

I-95 at SR 70/Okeechobee Road Interchange

PEAK TRAFFIC VOLUMES

2045 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	610	0	1805	550	0	750	0	2250	390	0	1595	625
PM PEAK	565	0	1100	565	0	880	0	1570	385	0	2570	700
24 Hour Total	**18500**			**16100**			**25000**			**32500**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	382.40	289.40	$61,470.30
Build Alternative*	141.50	151.50	$26,809.76

DELAY COST

No Build	D1 =	$61,470.30
Build Alternative	D2 =	$26,809.76

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$34,660.54	$12,651,096

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Diverging Diamond Interchange (DDI) configuration.

* - Represents a cumulative delay for intersections within study area.

SR 68 / ORANGE AVENUE
2030

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2030)

I-95 at SR 68/Orange Avenue Interchange

PEAK TRAFFIC VOLUMES

2030 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	625	0	705	240	0	170	0	555	530	0	650	140
PM PEAK	535	0	330	195	0	155	0	530	610	0	910	100
24 Hour Total	**9600**			**3900**			**13000**			**11000**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	84.10	94.20	$16,092.98
Build Alternative*	88.80	92.30	$16,345.70

DELAY COST

No Build	D1 =	$16,092.98
Build Alternative	D2 =	$16,345.70

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	-$252.72	-$92,244

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Add turn lanes at Kings Hwy intersection and re-align SB on-ramp; needed by 2030.

* - Represents a cumulative delay for intersections within study area.

SR 68 / ORANGE AVENUE
2045

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2045)

I-95 at SR 68/Orange Avenue Interchange

PEAK TRAFFIC VOLUMES

2045 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	935	0	890	315	0	275	0	750	725	0	805	215
PM PEAK	710	0	455	310	0	250	0	730	805	0	1230	170
24 Hour Total	**12900**			**6200**			**16500**			**14500**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	239.30	212.80	$39,762.12
Build Alternative*	118.80	122.80	$21,248.68

DELAY COST

No Build	D1 =	$39,762.12
Build Alternative	D2 =	$21,248.68

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$18,513.44	$6,757,406

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Includes 2030 improvements only.

* - Represents a cumulative delay for intersections within study area.

CR 606 / OSLO ROAD
2030

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2030)

I-95 at Oslo Road Interchange

PEAK TRAFFIC VOLUMES

2030 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	20	0	735	280	0	30	0	55	45	0	395	210
PM PEAK	70	0	530	330	0	35	0	25	15	0	470	215
24 Hour Total	**6700**			**4100**			**750**			**6000**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	24.00	51.90	$6,467.73
Build Alternative*	31.80	33.30	$5,547.42

DELAY COST

No Build	D1 =	$6,467.73
Build Alternative	D2 =	$5,547.42

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$920.31	$335,913

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Signalize 82nd Avenue intersection; needed by 2030.

* - Represents a cumulative delay for intersections within study area.

CR 606 / OSLO ROAD
2045

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2045)

I-95 at Oslo Road Interchange

PEAK TRAFFIC VOLUMES

2045 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	55	0	910	350	0	45	0	95	90	0	770	425
PM PEAK	85	0	670	400	0	40	0	75	30	0	945	435
24 Hour Total	**8400**			**4900**			**1350**			**13000**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	56.60	125.50	$15,606.84
Build Alternative*	31.80	33.30	$5,579.38

DELAY COST

No Build	D1 =	$15,606.84
Build Alternative	D2 =	$5,579.38

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$10,027.46	$3,660,023

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Includes 2030 improvements only.

* - Represents a cumulative delay for intersections within study area.

CR 512 / FELLSMERE ROAD
2030

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2030)

I-95 at Fellsmere Road Interchange

PEAK TRAFFIC VOLUMES

2030 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	100	0	305	315	0	50	0	640	235	0	775	345
PM PEAK	200	0	470	460	0	100	0	430	130	0	910	350
24 Hour Total	**7400**			**6200**			**7500**			**13000**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	105.80	111.20	$21,378.33
Build Alternative*	105.80	111.20	$21,378.33

DELAY COST

No Build	D1 =	$21,378.33
Build Alternative	D2 =	$21,378.33

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$0.00	$0

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = No improvements needed by 2030.

* - Represents a cumulative delay for intersections within study area.

CR 512 / FELLSMERE ROAD
2045

OPERATIONAL BENEFITS for PROPOSED IMPROVEMENT PROJECT (2045)

I-95 at Fellsmere Road Interchange

PEAK TRAFFIC VOLUMES

2045 VOLUMES

Peak Period	NBL	NBT	NBR	SBL	SBT	SBR	EBL	EBT	EBR	WBL	WBT	WBR
AM PEAK	145	0	510	515	0	75	0	865	270	0	1010	580
PM PEAK	250	0	675	655	0	135	0	540	185	0	1240	550
24 Hour Total	**10300**			**8800**			**9500**			**17500**		

ALTERNATIVES	Intersection Peak Hour Delay (Sec/Veh)		Daily Delay Cost
	AM	PM	
No Build*	147.00	191.20	$31,942.58
Build Alternative*	137.40	178.70	$29,855.26

DELAY COST

No Build	D1 =	$31,942.58
Build Alternative	D2 =	$29,855.26

Project Operational Benefit:		**Daily**	**Yearly**
Proposed Improvement Project	D1 - D2 =	$2,087.32	$761,871

Note:

1. Synchro Output was used for determination of Peak-Hour Delay for the Proposed Improvement Project
2. Daily Delay = [Peak Hour Delay (AM + PM) x AADT]/Peak Hour Volumes (AM + PM)
3. Daily Delay Cost = Daily Delay (V-H) x 1 x $16.80/V-H
4. Value of delay is assumed to be $16.80 per vehicle-hour
5. Build Alternative = Add turn lanes at 108th Avenue intersection.

* - Represents a cumulative delay for intersections within study area.

Appendix I

Net Present Value Calculations

CR 708 / SE BRIDGE ROAD

NET PRESENT VALUE ANALYSIS

I-95 at Bridge Road Interchange Improvements

NET PRESENT VALUE (Benefits)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	*Discount Rate*
$194,744,663	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$8,188,544	$10,669,173	$13,149,802	$15,630,432	4%

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
$18,111,061	$20,591,690	$23,072,320	$25,552,949	$28,033,578	$30,514,207	$32,994,837	$35,475,466	$37,956,095	$40,436,725	$42,917,354	$45,397,983

NET PRESENT VALUE (Costs)
$3,972,773

NET PRESENT VALUE = NPV (Benefits) - NPV (Costs)

$190,771,890

BENEFIT-COST RATIO = NPV (Benefits) / NPV (Costs)

49.0

Assume 2030 as Opening Year of project
Calculated Present Value of 2045 benefits assuming 4% CGR
Assume linear increase of delay benefits between 2030 and 2045

SR 76 / SW KANNER HIGHWAY

NET PRESENT VALUE ANALYSIS

I-95 at SR 76/Kanner Highway Interchange Improvements

NET PRESENT VALUE (Benefits)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	*Discount Rate*
$7,322,490	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$139,420	$278,840	$418,260	4%
				2034	**2035**	**2036**	**2037**	**2038**	**2039**	**2040**	**2041**	**2042**	**2043**	**2044**	**2045**	
				$557,679	$697,099	$836,519	$975,939	$1,115,359	$1,254,779	$1,394,198	$1,533,618	$1,673,038	$1,812,458	$1,951,878	$2,091,298	

NET PRESENT VALUE (Costs)
$19,441,716

NET PRESENT VALUE = NPV (Benefits) - NPV (Costs)

-$12,119,226

BENEFIT-COST RATIO = NPV (Benefits) / NPV (Costs)

0.4

Assume 2030 as Opening Year of project
Calculated Present Value of 2045 benefits assuming 4% CGR
Assume linear increase of delay benefits between 2030 and 2045

SW HIGH MEADOW AVENUE

NET PRESENT VALUE ANALYSIS

I-95 at High Meadow Avenue Interchange Improvements

NET PRESENT VALUE (Benefits)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	*Discount Rate*
-$950,076	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	-$18,089	-$36,179	-$54,268	4%

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
-$72,358	-$90,447	-$108,536	-$126,626	-$144,715	-$162,805	-$180,894	-$198,983	-$217,073	-$235,162	-$253,252	-$271,341

NET PRESENT VALUE (Costs)
$311,767

NET PRESENT VALUE = NPV (Benefits) - NPV (Costs)

-$1,261,843

BENEFIT-COST RATIO = NPV (Benefits) / NPV (Costs)

-3.0

Assume 2030 as Opening Year of project
Calculated Present Value of 2045 benefits assuming 4% CGR
Assume linear increase of delay benefits between 2030 and 2045

CR 714 / SR 714 / SW MARTIN HIGHWAY

NET PRESENT VALUE ANALYSIS

I-95 at SR 714/Martin Highway Interchange Improvements

NET PRESENT VALUE (Benefits)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	*Discount Rate*
$6,486,644	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	-$1,494,428	-$1,146,938	-$799,447	-$451,957	4%

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
-$104,467	$243,024	$590,514	$938,005	$1,285,495	$1,632,986	$1,980,476	$2,327,967	$2,675,457	$3,022,948	$3,370,438	$3,717,928

NET PRESENT VALUE (Costs)
$4,530,077

NET PRESENT VALUE = NPV (Benefits) - NPV (Costs)

$1,956,567

BENEFIT-COST RATIO = NPV (Benefits) / NPV (Costs)

1.4

Assume 2030 as Opening Year of project
Calculated Present Value of 2045 benefits assuming 4% CGR
Assume linear increase of delay benefits between 2030 and 2045

SW BECKER ROAD

NET PRESENT VALUE ANALYSIS

I-95 at Becker Road Interchange Improvements

NET PRESENT VALUE (Benefits)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	*Discount Rate*
$176,921,768	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,279,341	$5,306,295	$8,333,249	$11,360,203	4%

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
$14,387,157	$17,414,111	$20,441,065	$23,468,020	$26,494,974	$29,521,928	$32,548,882	$35,575,836	$38,602,790	$41,629,744	$44,656,698	$47,683,652

NET PRESENT VALUE (Costs)
$22,580,143

NET PRESENT VALUE = NPV (Benefits) - NPV (Costs)

$154,341,625

BENEFIT-COST RATIO = NPV (Benefits) / NPV (Costs)

7.8

Assume 2030 as Opening Year of project
Calculated Present Value of 2045 benefits assuming 4% CGR
Assume linear increase of delay benefits between 2030 and 2045

TRADITION PARKWAY / GATLIN BOULEVARD

NET PRESENT VALUE ANALYSIS

I-95 at Gatlin Boulevard Interchange Improvements

NET PRESENT VALUE (Benefits)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	*Discount Rate*
$170,757,418	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$6,262,194	$8,574,829	$10,887,464	$13,200,098	4%

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
$15,512,733	$17,825,368	$20,138,003	$22,450,637	$24,763,272	$27,075,907	$29,388,542	$31,701,177	$34,013,811	$36,326,446	$38,639,081	$40,951,716

NET PRESENT VALUE (Costs)
$30,102,618

NET PRESENT VALUE = NPV (Benefits) - NPV (Costs)

$140,654,800

BENEFIT-COST RATIO = NPV (Benefits) / NPV (Costs)

5.7

Assume 2030 as Opening Year of project
Calculated Present Value of 2045 benefits assuming 4% CGR
Assume linear increase of delay benefits between 2030 and 2045

CROSSTOWN PARKWAY

NET PRESENT VALUE ANALYSIS

I-95 at Crosstown Parkway Interchange Improvements

NET PRESENT VALUE (Benefits)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	*Discount Rate*
$36,593,127	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$696,731	$1,393,463	$2,090,194	4%

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
$2,786,926	$3,483,657	$4,180,388	$4,877,120	$5,573,851	$6,270,582	$6,967,314	$7,664,045	$8,360,777	$9,057,508	$9,754,239	$10,450,971

NET PRESENT VALUE (Costs)
$24,905,004

NET PRESENT VALUE = NPV (Benefits) - NPV (Costs)

$11,688,123

BENEFIT-COST RATIO = NPV (Benefits) / NPV (Costs)

1.5

Assume 2030 as Opening Year of project
Calculated Present Value of 2045 benefits assuming 4% CGR
Assume linear increase of delay benefits between 2030 and 2045

ST. LUCIE WEST BOULEVARD

NET PRESENT VALUE ANALYSIS

I-95 at St Lucie West Boulevard Interchange Improvements

NET PRESENT VALUE (Benefits)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	*Discount Rate*
$63,247,506	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$4,732,766	$5,227,648	$5,722,530	$6,217,412	4%

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
$6,712,294	$7,207,176	$7,702,058	$8,196,940	$8,691,823	$9,186,705	$9,681,587	$10,176,469	$10,671,351	$11,166,233	$11,661,115	$12,155,998

NET PRESENT VALUE (Costs)
$15,073,302

NET PRESENT VALUE = NPV (Benefits) - NPV (Costs)

$48,174,204

BENEFIT-COST RATIO = NPV (Benefits) / NPV (Costs)

4.2

Assume 2030 as Opening Year of project
Calculated Present Value of 2045 benefits assuming 4% CGR
Assume linear increase of delay benefits between 2030 and 2045

CR 712 / MIDWAY ROAD

NET PRESENT VALUE ANALYSIS

I-95 at Midway Road Interchange Improvements

NET PRESENT VALUE (Benefits)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	*Discount Rate*
$6,118,912	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$116,504	$233,008	$349,511	4%

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
$466,015	$582,519	$699,023	$815,526	$932,030	$1,048,534	$1,165,038	$1,281,542	$1,398,045	$1,514,549	$1,631,053	$1,747,557

NET PRESENT VALUE (Costs)
$2,756,112

NET PRESENT VALUE = NPV (Benefits) - NPV (Costs)

$3,362,800

BENEFIT-COST RATIO = NPV (Benefits) / NPV (Costs)

2.2

Assume 2030 as Opening Year of project
Calculated Present Value of 2045 benefits assuming 4% CGR
Assume linear increase of delay benefits between 2030 and 2045

SR 70 / OKEECHOBEE ROAD

NET PRESENT VALUE ANALYSIS

I-95 at SR 70/Okeechobee Road Interchange Improvements

NET PRESENT VALUE (Benefits)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	*Discount Rate*
$46,129,520	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$419,373	$1,234,821	$2,050,269	$2,865,718	4%

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
$3,681,166	$4,496,614	$5,312,062	$6,127,510	$6,942,958	$7,758,407	$8,573,855	$9,389,303	$10,204,751	$11,020,199	$11,835,647	$12,651,096

NET PRESENT VALUE (Costs)
$22,116,935

NET PRESENT VALUE = NPV (Benefits) - NPV (Costs)

$24,012,585

BENEFIT-COST RATIO = NPV (Benefits) / NPV (Costs)

2.1

Assume 2030 as Opening Year of project
Calculated Present Value of 2045 benefits assuming 4% CGR
Assume linear increase of delay benefits between 2030 and 2045

SR 68 / ORANGE AVENUE

NET PRESENT VALUE ANALYSIS

I-95 at SR 68/Orange Avenue Interchange Improvements

NET PRESENT VALUE (Benefits)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	*Discount Rate*
$23,257,299	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	-$92,244	$364,400	$821,043	$1,277,686	4%

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
$1,734,330	$2,190,973	$2,647,616	$3,104,260	$3,560,903	$4,017,546	$4,474,190	$4,930,833	$5,387,476	$5,844,120	$6,300,763	$6,757,406

NET PRESENT VALUE (Costs)
$2,426,012

NET PRESENT VALUE = NPV (Benefits) - NPV (Costs)

$20,831,287

BENEFIT-COST RATIO = NPV (Benefits) / NPV (Costs)

9.6

Assume 2030 as Opening Year of project
Calculated Present Value of 2045 benefits assuming 4% CGR
Assume linear increase of delay benefits between 2030 and 2045

CR 606 / OSLO ROAD

NET PRESENT VALUE ANALYSIS

I-95 at Oslo Road Interchange Improvements

NET PRESENT VALUE (Benefits)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	*Discount Rate*
$14,283,336	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$335,913	$557,520	$779,128	$1,000,735	4%

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
$1,222,342	$1,443,950	$1,665,557	$1,887,165	$2,108,772	$2,330,379	$2,551,987	$2,773,594	$2,995,201	$3,216,809	$3,438,416	$3,660,023

NET PRESENT VALUE (Costs)
$330,747

NET PRESENT VALUE = NPV (Benefits) - NPV (Costs)

$13,952,589

BENEFIT-COST RATIO = NPV (Benefits) / NPV (Costs)

43.2

Assume 2030 as Opening Year of project
Calculated Present Value of 2045 benefits assuming 4% CGR
Assume linear increase of delay benefits between 2030 and 2045

CR 512 / FELLSMERE ROAD

NET PRESENT VALUE ANALYSIS

I-95 at Fellsmere Road Interchange Improvements

NET PRESENT VALUE (Benefits)	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	*Discount Rate*
$2,667,623	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$50,791	$101,583	$152,374	4%

2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045
$203,166	$253,957	$304,748	$355,540	$406,331	$457,123	$507,914	$558,705	$609,497	$660,288	$711,080	$761,871

NET PRESENT VALUE (Costs)
$3,715,870

NET PRESENT VALUE = NPV (Benefits) - NPV (Costs)

-$1,048,247

BENEFIT-COST RATIO = NPV (Benefits) / NPV (Costs)

0.7

Assume 2030 as Opening Year of project
Calculated Present Value of 2045 benefits assuming 4% CGR
Assume linear increase of delay benefits between 2030 and 2045

Appendix J

Needs Summary Table and Prioritization of Interchange and Ramp Needs Summary Table

SUMMARY OF WORK PROGRAM NEEDS
SHORT TERM (2030) PROJECTS
I-95 Multimodal Master Plan

Short Term 2030

PROJECT	FACILITY	FROM	TO	ROADWAY ID	BEGIN MILEPOST	END MILEPOST	IMPROVEMENT TYPE	COSTS[1]				
								PD&E (Phase 22)	Design (Phase 32)	ROW (Phase 4x)	Construction (Phase 5x)	CEI (Phase 6x)
1	SR 70/Okeechobee Rd	Jenkins Rd	I-95 NB Ramp Termini	94030000	21.347	21.583	- WB lane utilization and NB on-ramp concept; - Jenkins Rd intersection (signal timing improvements or SBR overlap phase)	n/a	$0.24 M	n/a	$0.95 M	$0.13 M
2	I-95	Martin/Palm Beach line	Bridge Rd	89095000	0.000	7.809	- Add 2 Managed Lanes	$3.0 M	$6.6 M	n/a	$54.8 M	$5.8 M
2	I-95	north of Bridge Rd	High Meadow Ave	89095000	7.810	14.010	- Add 2 Managed Lanes & bridge widening/ replacement	$3.0 M	$7.0 M	n/a	$58.1 M	$6.1 M
2	I-95	north of High Meadow Ave	Martin/St Lucie line	89095000	14.011	24.835	- Add 2 Managed Lanes & bridge widening/ replacement	$3.0 M	$7.6 M	n/a	$63.2 M	$6.6 M
2	I-95	Martin/St Lucie line	SR 70/Okeechobee Rd	94001000	0.000	15.803	- Add 2 Managed Lanes & bridge widening/ replacement	$3.0 M	$13.3 M	n/a	$110.5 M	$11.6 M
a	I-95 NB Braided Ramps	Crosstown Parkway	St Lucie West Blvd	94001000	6.520	7.800	- Braided Ramps (Northbound) with 2-lane ramp configuration & local ramp roadway	$2.5 M	$3.5 M	$0.6 M	$28.9 M	$3.8 M
	I-95 SB Braided Ramps[2]	St Lucie West Blvd	Crosstown Parkway	94001000	6.520	7.800	- Braided Ramps (Southbound) with 2-lane ramp configuration		$1.72 M	$0.6 M	$14.3 M	$1.86 M
	St Lucie West Blvd	at Peacock Blvd					At Peacock Blvd intersection: Eastbound : Add a third left-turn lane and third through lane - Westbound: Add a second left-turn lane, third through lane, and second right-turn lane; and provide a protected right-turn overlap phase. - Northbound: Add a second through lane, and provide a protected right-turn overlap phase. - Southbound: Add a second through lane and second right turn lane; and provide a protected right-turn overlap phase.	$1.5 M	$0.67 M	$10.6 M	$3.9 M	$0.55 M
b	SR 68/Orange Avenue	Kings Hwy	I-95	94070000	17.174	17.366	- Move I-95 SB on-ramp entrance for EB traffic on Orange Ave about 400 ft east. - At Kings Hwy: Add a second WB right-turn lane, and provide a protected WB right-turn overlap phase. Provide a protected NB right-turn overlap phase.	$0.3 M	$0.44 M	$0.215 M	$2.4 M	$0.27 M
	Gatlin Blvd	at Village Parkway Drive					- At Village Pkwy, provide free flow NB right turn and free flow WB right turn	$0.3 M	$0.49 M	$9.8 M	$1.4 M	$0.19 M
	Becker Road	at Village Parkway Drive					- At Village Pkwy, add SB left-turn lane	$0.3 M	$0.05 M	n/a	$0.1 M	$0.02 M
c	SR 714/Martin Hwy	I-95 SB Off Ramp	Stuart Blvd	89090000	5.222	6.033	- Signalize both I-95 ramp termini intersections with turn lanes. - Signalize Stuart Blvd	n/a	$0.29 M	n/a	$1.6 M	$0.18 M
12	Bridge Rd	I-95 SB Off Ramp	I-95 NB Off Ramp				- Signalize i-95 ramp termini intersections.	n/a	$0.49 M	n/a	$1.4 M	$0.19 M
13	Fellsmere Rd	west of I-95 (driveway)	west of I-95 SB Ramp Termini				- Reconstruct & widen WB Fellsmere Rd west of I-95 for 500 feet to driveway.	n/a	$0.18 M	n/a	$0.5 M	$0.07 M
14	Oslo Road	82nd Avenue					- Signalize 82nd Ave intersection	n/a	$0.14 M	n/a	$0.3 M	$0.06 M

NOTES

1. *Costs are in 2019 dollars.*
2. *I-95 SB Braided Ramp improvement is needed by 2045. It is included with the I-95 NB Braided Ramp project (needed by 2030) for the purpose of programming the PD&E phases (Phase 22).*

SUMMARY OF WORK PROGRAM NEEDS
LONG TERM (2045) PROJECTS
I-95 Multimodal Master Plan

Long Term 2045

PROJECT	FACILITY	FROM	TO	ROADWAY ID	BEGIN MILEPOST	END MILEPOST	IMPROVEMENT TYPE	COSTS [1]				
								PD&E (Phase 22)	Design (Phase 32)	ROW (Phase 4x)	Construction (Phase 5x)	CEI (Phase 6x)
1	I-95 SB Braided Ramps	St Lucie West Blvd	Crosstown Parkway				- Braided Ramps (Southbound) with 2-lane ramp configuration	combined in 2030 with NB I-95 into an existing PD&E study	$1.72 M	$0.6 M	$14.3 M	$1.86 M
	St Lucie West Blvd	west of I-95 SB Ramp Termini	Peacock Blvd				- Replace 2L WB bridge with 3L bridge to add 3rd WB through lane from east of Peacock Blvd to WB-to-SB loop ramp; - At I-95 NB Ramp terminal: Add a third westbound through lane and at Peacock Blvd, Add a third SB left-turn lane.	Combine into an existing I-95 PD&E study	$1.34 M	n/a	$11.1 M	$1.45 M
2	SR 76/Kanner Hwy	Jack James Rd	Cove Road				- DDI configuration - At Cove Road: Add a second and third northbound left-turn lane, and restripe the shared left and right-turn lane to an exclusive right-turn lane	Combine into an existing I-95 PD&E study	$2.33 M	n/a	$19.4 M	$2.53 M
3	Gatlin Blvd	Village Parkway Drive	Savage Blvd				- Provide DDI configuration - Add EB/WB through lane east of interchange at Brescia St and Savage Blvd - At Village Pkwy: Add a third SB left-turn lane. Add a third EB through lane.	Combine into an existing I-95 PD&E study	$4.31 M	$19.6 M	$28.7 M	$3.74 M
4	Crosstown Parkway	west of I-95 SB Ramp Termini	east of I-95 NB Ramp Termini				- At I-95 SB Ramp terminal: Add a third WB left-turn lane; Add a sixth EB through lane - At I-95 NB Ramp terminal: Add a third EB left-turn lane; Add a second NB left-turn lane; Add a second WB right-turn lane, and add a 6th WB through lane.	Combine into an existing I-95 PD&E study	$3.24 M	n/a	$21.6 M	$2.81 M
5	SR 70/Okeechobee Road	Kings Highway	Jenkins Road				- DDI configuration; - At Jenkins Rd add a 3rd NB left turn lane - At Kings Highway: Add a third NB right-turn lane, and provide a protected NB right-turn overlap phase. - At Crossroads Parkway: Provide signal retiming improvements, including protected right-turn overlap phase for northbound right-turn, southbound right-turn, and westbound right-turn lane.	Combine into an existing I-95 PD&E study	$2.54 M	$1.2 M	$21.1 M	$2.75 M
6	SR 714/Martin Hwy	west of I-95 SB Ramp Termini	east of I-95 NB Ramp Termini				At I-95 SB Ramp Intersections: Add a second WB left-turn lane and Add an EB right-turn lane. At I-95 NB Ramp Intersection: Add a second EB left-turn lane and Add a WB right-turn lane.	n/a	$0.53 M	n/a	$2.9 M	$0.32 M
7	Becker Rd	Village Parkway Drive	east of I-95 NB Ramp Termini				- At I-95 SB Ramp Terminal: Add a second southbound right-turn lane. At I-95 NB Ramp Terminal: Add a second northbound left-turn lane - At Village Parkway Drive: Add a third SB left-turn lane, and a SB right-turn lane. Channelize the WB right-turn lane, and add a second WB through lane. Add an exclusive NB right-turn lane and restripe NB shared lane to shared left/through lane.	Combine into an existing I-95 PD&E study	$2.72 M	$1.4 M	$18.1 M	$2.36 M

Long Term 2045

PROJECT	FACILITY	FROM	TO	ROADWAY ID	BEGIN MILEPOST	END MILEPOST	IMPROVEMENT TYPE	COSTS [1]				
								PD&E (Phase 22)	Design (Phase 32)	ROW (Phase 4x)	Construction (Phase 5x)	CEI (Phase 6x)
8	Bridge Rd	west of I-95 SB Ramp Termini	east of I-95 NB Ramp Termini				At I-95 SB Ramp Intersection: Add a second WB left-turn lane and Add a third and fourth EB through lane. At I-95 NB Ramp Intersection: Add a second EB left-turn lane and Add a third WB through lane.	Combine into an existing I-95 PD&E study	$0.5 M	n/a	$2.6 M	$0.29
9	Midway Rd	I-95 SB Ramp Termini					At I-95 SB Ramp Intersection: Add a second SB left-turn lane.	n/a	$0.36 M	n/a	$0.8 M	$0.11 M
10	Crosstown Parkway	California Blvd					- Provide a protected EB right-turn overlap phase. Add a second NB through lane. Add a second SB through lane, second SB right-turn lane, and provide a protected SB right-turn overlap phase.	$0.3 M	$0.61 M	$0.32 M	$3.2 M	$0.36 M
11	Fellsmere Rd	108th Avenue					At 108th Ave intersection: Add a SB exclusive right-turn lane and restripe SB shared lane to shared left/through lane.	$0.3 M	$0.61 M	$0.8 M	$3.2 M	$0.36 M
12	Becker Road	Hallmark Street					- Add E/W bound through lane improvement at Hallmark St.	$0.3 M	$0.75 M	$2.0 M	$4.4 M	$0.62 M
13	Midway Rd	Glades Cut-Off Rd					- Add an exclusive EB right-turn lane and channelize the EB right-turn lane. - Add a second WB left-turn lane, Add an exclusive WB right-turn lane and channelize the WB right-turn lane.	$0.3 M	$0.38 M	$1.0 M	$2.0 M	$0.22 M
14	High Meadow Avenue	Swallowtail Lane					Signalize Swallowtail Ln intersection	n/a	$0.14 M	n/a	$0.3 M	$0.06M
15	I-95 Southbound south of SR 614/Indrio Road	SR 614/Indrio Rd	south of SR 614/Indrio Rd				Adjust SB I-95 lane transition to eliminate merge	n/a	$0.37 M	n/a	$2.3 M	$0.26 M
16	Various Ramps	n/a	n/a				Lengthen NB off-ramp deceleration lanes at SR 60, SR 614/Indrio Rd, and SR 68/Orange Avenue	n/a	$0.6 M	n/a	$3.2 M	$0.4 M

NOTES *1. Costs are in 2019 dollars.*

SUMMARY OF WORK PROGRAM NEEDS
SHORT TERM (2030) PROJECTS - Combined Interchange and Mainline Projects. *No Change in Project Limits*
I-95 Multimodal Master Plan

Short Term 2030

PROJECT	FACILITY	FROM	TO	ROADWAY ID	BEGIN MILEPOST	END MILEPOST	IMPROVEMENT TYPE	COSTS[1]				
								PD&E (Phase 22)	Design (Phase 32)	ROW (Phase 4x)	Construction (Phase 5x)	CEI (Phase 6x)
2	I-95	Martin/Palm Beach line	Bridge Rd	89095000	0.000	7.809	- Add 2 Managed Lanes. Plus interchange improvements at Bridge Rd	$3.0 M	$7.1 M	n/a	$58.8 M	$6.2 M
2	I-95	north of Bridge Rd	High Meadow Ave	89095000	7.810	14.010	- Add 2 Managed Lanes & bridge widening/ replacement. Plus interchange improvements at SR 76 and High Meadow Ave	$3.0 M	$9.3 M	n/a	$77.8 M	$8.2 M
2	I-95	north of High Meadow Ave	Martin/St Lucie line	89095000	14.011	24.835	- Add 2 Managed Lanes & bridge widening/ replacement. Plus interchange improvements at SR 714	$3.0 M	$8.1 M	n/a	$67.7 M	$7.1 M
2	I-95	Martin/St Lucie line	SR 70/Okeechobee Rd	94001000	0.000	15.803	- Add 2 Managed Lanes & bridge widening/ replacement. Plus NB & SB braided ramps and interchange improvements at Becker Rd, Gatlin Blvd, Crosstown Pkwy, St Lucie West Blvd, Midway Rd, and SR 70.	$3.0 M	$31.4 M	$11.0 M	$261.5 M	$27.5 M
	St Lucie West Blvd	at Peacock Blvd					At Peacock Blvd intersection: - Eastbound : Add a third left-turn lane and third through lane - Westbound: Add a second left-turn lane, third through lane, and second right-turn lane; and provide a protected right-turn overlap phase. - Northbound: Add a second through lane, and provide a protected right-turn overlap phase. - Southbound: Add a second through lane and second right turn lane; and provide a protected right-turn overlap phase.	$1.5 M	$0.67 M	$10.6 M	$3.9 M	$0.55 M
b	SR 68/Orange Avenue	Kings Hwy	I-95	94070000	17.174	17.366	- Move I-95 SB on-ramp entrance for EB traffic on Orange Ave about 400 ft east. - At Kings Hwy: Add a second WB right-turn lane, and provide a protected WB right-turn overlap phase. Provide a protected NB right-turn overlap phase.	$0.3 M	$0.44 M	$0.215 M	$2.4 M	$0.27 M
13	Fellsmere Rd	west of I-95 (driveway)	west of I-95 SB Ramp Termini				- Reconstruct & widen WB Fellsmere Rd west of I-95 for 500 feet to driveway.	n/a	$0.18 M	n/a	$0.5 M	$0.07 M
14	Oslo Road	82nd Avenue					- Signalize 82nd Ave intersection	n/a	$0.14 M	n/a	$0.3 M	$0.06 M

NOTES *1. Costs are in 2019 dollars.*

SUMMARY OF WORK PROGRAM NEEDS
LONG TERM (2045) PROJECTS - Combined Interchange and Mainline Projects. *No Change in Project Limits*
I-95 Multimodal Master Plan

Long Term 2045

PROJECT	FACILITY	FROM	TO	ROADWAY ID	BEGIN MILEPOST	END MILEPOST	IMPROVEMENT TYPE	COSTS [1]				
								PD&E (Phase 22)	Design (Phase 32)	ROW (Phase 4x)	Construction (Phase 5x)	CEI (Phase 6x)
10	Crosstown Parkway	California Blvd					- Provide a protected EB right-turn overlap phase. Add a second NB through lane. Add a second SB through lane, second SB right-turn lane, and provide a protected SB right-turn overlap phase.	$0.3 M	$0.61 M	$0.32 M	$3.2 M	$0.36 M
11	Fellsmere Rd	108th Avenue					At 108th Ave intersection: Add a SB exclusive right-turn lane and restripe SB shared lane to shared left/through lane.	$0.3 M	$0.61 M	$0.8 M	$3.2 M	$0.36 M
12	Becker Road	Hallmark Street					- Add E/W bound through lane improvement at Hallmark St.	$0.3 M	$0.75 M	$2.0 M	$4.4 M	$0.62 M
13	Midway Rd	Glades Cut-Off Rd					- Add an exclusive EB right-turn lane and channelize the EB right-turn lane. - Add a second WB left-turn lane, Add an exclusive WB right-turn lane and channelize the WB right-turn lane.	$0.3 M	$0.38 M	$1.0 M	$2.0 M	$0.22 M
15	I-95 Southbound south of SR 614/Indrio Road	SR 614/Indrio Rd	south of SR 614/Indrio Rd				Adjust SB I-95 lane transition to eliminate merge	n/a	$0.37 M	n/a	$2.3 M	$0.26 M
16	Various Ramps	n/a	n/a				Lengthen NB off-ramp deceleration lanes at SR 60, SR 614/Indrio Rd, and SR 68/Orange Avenue	n/a	$0.6 M	n/a	$3.2 M	$0.4 M

NOTES *1. Costs are in 2019 dollars.*

PRIORITIZATION PLAN
SHORT TERM (2030) PROJECTS
I-95 Multimodal Master Plan

Short Term 2030

Updated March 16, 2020

PRIORITIZATION RANKING	LOCATION	COUNTY	PROJECT DESCRIPTION INTERCHANGE AND/OR MAINLINE	MODES IMPACTED	SAFETY IMPROVEMENTS	RIGHT-OF-WAY NEEDED	CONSTRUCTION COST* (FROM LRE)	PROGRAMMING PHASE(S)	SIS	MPO/LOCAL	OPERATIONAL	COMMENTS
1	SR 70/Okeechobee Road	St Lucie	- WB lane utilization and NB on-ramp concept; - Jenkins Rd intersection (signal timing improvements or SBR overlap phase)	Auto, Bike, Pedestrian	X		$0.95 M	- Design - Construction	X	X	X	Coordinate construction with Jenkins Rd project
2	I-95 from Martin/Palm Beach line to Bridge Rd	Martin	Add 2 Managed Lanes	Auto, Transit			$54.8 M	- PD&E - Design - Construction	X			Widening to the inside is proposed. PD&E (FM #413253.2) is already listed in second 5-year for 2024/2025
2	I-95 from Bridge Rd to High Meadow Ave	Martin	Add 2 Managed Lanes & bridge widening/ replacement	Auto, Transit			$58.1 M	- PD&E - Design - Construction	X			Widening to the inside is proposed. PD&E (FM #413254.2) is already listed in second 5-year for 2024/2025
	SR 76/Kanner Hwy	Martin	NB off-ramp termini intersection (signal timing improvements). Lengthen NB off-ramp to provide 275 feet of deceleration lane.	Auto, Transit				- Design - Construction	X			Ramp lengthening coupled with adding 2 I-95 Managed Lanes (FM #413254.2)
2	I-95 from High Meadow Ave to Martin/St Lucie county line	Martin	Add 2 Managed Lanes & bridge widening/ replacement	Auto, Transit			$63.2 M	- PD&E - Design - Construction	X			Widening to the inside is proposed. PD&E (FM #422681.5) is already listed in second 5-year for 2024/2025
2	I-95 from Martin/St Lucie county line to SR 70	St Lucie	Add 2 Managed Lanes & bridge widening/ replacement	Auto, Transit			$110.5 M	- PD&E - Design - Construction	X			Widening to the inside is proposed. PD&E (FM #422681.6) is already listed in second 5-year for 2024/2025
6	I-95 NB Ramp between Crosstown Pkwy and St Lucie West Blvd	St Lucie	Braided Ramps (Northbound) with 2-lane ramp configuration and local access ramp roadway	Auto, Transit	X	X	$28.9 M	- PD&E - Design - ROW - Construction	X			Weaving movement fails by 2030, requiring this improvement. This is coupled with the mainline improvement, and PD&E phase will be combined with the corresponding I-95 mainline project (FM #422681.6).
7	St Lucie West Blvd	St Lucie	At Peacock Blvd intersection: - Eastbound : Add a third left-turn lane and third through lane - Westbound: Add a second left-turn lane, third through lane, and second right-turn lane; and provide a protected right-turn overlap phase. - Northbound: Add a second through lane, and provide a protected right-turn overlap phase. - Southbound: Add a second through lane and second right turn lane; and provide a protected right-turn overlap phase.	Auto, Bike, Pedestrian		X	$3.9 M	- Design - ROW - Construction		X		If FDOT leads projects, environmental documentation is likely to be Type 1 CE completed using Phase 22 funds.
8	SR 68/Orange Avenue	St Lucie	- Relocate EB right turn lane from Kings Hwy to SB on-ramp location. - At Kings Hwy: Add a second WB right-turn lane, and provide a protected WB right-turn overlap phase. Provide a protected NB right-turn overlap phase.	Auto, Bike, Pedestrian		X	$2.4 M	- Design - ROW - Construction		X		Discuss if this can be combined with Kings Hwy construction. If FDOT leads the project, environmental documentation is likely to be Type 1 CE completed using Phase 22 funds.

PRIORITIZATION PLAN
SHORT TERM (2030) PROJECTS
I-95 Multimodal Master Plan

Short Term 2030

Updated March 16, 2020

PRIORITIZATION RANKING	LOCATION	COUNTY	PROJECT DESCRIPTION	MODES IMPACTED	SAFETY IMPROVEMENTS	RIGHT-OF-WAY NEEDED	CONSTRUCTION COST* (FROM LRE)	PROGRAMMING				COMMENTS
			INTERCHANGE AND/OR MAINLINE					PHASE(S)	SIS	MPO/LOCAL	OPERATIONAL	
9	Gatlin Blvd	St Lucie	- At Village Pkwy, provide free flow NB right turn and free flow WB right turn	Auto, Bike, Pedestrian		X	$1.4 M	- Design - ROW - Construction		X		If FDOT leads projects, environmental documentation is likely to be Type 1 CE completed using Phase 22 funds.
10	Becker Rd	St Lucie	Add SB left-turn lane at Village Pkwy intersection.	Auto, Bike, Pedestrian		X	$0.1 M	- Design - ROW - Construction		X		Pavement already exists for turn lane improvement. If FDOT leads the project, environmental documentation is likely to be Type 1 CE completed using Phase 22 funds.
11	SR 714/Martin Hwy	Martin	- Signalize both i-95 ramp termini intersections. - Signalize Stuart Blvd	Auto, Bike, Pedestrian			$1.6 M	- Design - Construction	X		X	No turn lane improvements needed in 2030. Continue monitoring and coordinate with Traffic Operations. Intersections can be signalized when warranted.
12	Bridge Rd	Martin	Signalize i-95 ramp termini intersections.	Auto, Bike, Pedestrian			$1.4 M	- Design - Construction	X		X	No turn lane improvements needed in 2030. Continue monitoring and coordinate with Traffic Operations. Intersections can be signalized when warranted.
13	Fellsmere Rd	Indian River	Reconstruct & widen WB Fellsmere Rd west of I-95 for 500 feet to driveway.	Auto, Bike	X		$0.5 M	- Design - Construction		X	X	Provide WB drop right-turn lane to eliminate WB merge prior to driveway immediately west of SB Off-Ramp termini intersection. Bike lanes may also be a component of this concept.
14	Oslo Rd	Indian River	Signalize 82nd Ave intersection	Auto			$0.3 M	- Design - Construction	X	X	X	Include with Oslo Rd interchange project scheduled to be let by 2024 and built by 2028. (FM #413048.2)

** Preliminary cost estimates. Does not include Right-of-Way costs. Costs of some projects are still under development.*
Individual state roadways are color coded.

LEGEND

	= SR 70/Okeechobee Road
	= I-95 Mainline
	= SR 76/Kanner Highway
	= SR 68/Orange Avenue
	= SR 714/Martin Highway

PRIORITIZATION PLAN
LONG TERM (2045) PROJECTS
I-95 Multimodal Master Plan

Long Term 2045

Updated March 16, 2020

PRIORITIZATION RANKING	LOCATION	COUNTY	PROJECT DESCRIPTION	MODES IMPACTED	SAFETY IMPROVEMENTS	RIGHT-OF-WAY NEEDED	CONSTRUCTION COST* (FROM LRE)	PROGRAMMING				COMMENTS
			INTERCHANGE AND/OR MAINLINE					PHASE(S)	SIS	MPO/LOCAL	OPERATIONAL	
1	I-95 SB Ramp between Crosstown Pkwy and St Lucie West Blvd	St Lucie	Braided Ramps (Southbound) with 2-lane ramp configuration	Auto, Transit	**X**	**X**	$14.3 M	- PD&E - Design - ROW - Construction	**X**			Weaving movement operates acceptably in 2030. Improvement requires extensive bridge reconstruction at St Lucie West Blvd. This is coupled with the mainline improvement, and the PD&E phase will be combined with the corresponding I-95 mainline project (FM #422681.6).
	St Lucie West Blvd	St Lucie	- Replace 2L WB bridge with 3L bridge to add 3rd WB through lane from east of Peacock Blvd to WB-to-SB loop ramp; - At I-95 NB Ramp terminal: Add a third westbound through lane and at Peacock Blvd, Add a third SB left-turn lane.	Auto, Bike, Pedestrian		**X**	$11.1 M	- PD&E - Design - ROW - Construction	**X**			Improvements coupled with adding Braided Ramps between St Lucie West Blvd and Crosstown Pkwy (SB direction) [Priority #1]
2	SR 76/Kanner Hwy	Martin	- DDI configuration - At Cove Road: Add a second and third northbound left-turn lane, and restripe the shared left and right-turn lane to an exclusive right-turn lane	Auto, Transit, Bike, Pedestrian	**X**		$19.4 M	- PD&E - Design - Construction	**X**			PD&E phase will be completed with I-95 mainline project (FM #413254.2).
3	Gatlin Blvd	St Lucie	- Provide DDI configuration - Add EB/WB through lane east of interchange at Brescia St and Savage Blvd - At Village Pkwy: Add a third SB left-turn lane. Add a third EB through lane.	Auto, Transit, Bike, Pedestrian		**X**	$28.7 M	- PD&E - Design - ROW - Construction	**X**	**X**		PD&E phase will be completed with I-95 mainline project (FM #422681.6).
4	Crosstown Parkway	St Lucie	- At I-95 SB Ramp terminal: Add a third WB left-turn lane; Add a sixth EB through lane - At I-95 NB Ramp terminal: Add a third EB left-turn lane; Add a second NB left-turn lane; Add a second WB right-turn lane, and add a 6th WB through lane.	Auto, Bike, Pedestrian		**X**	$21.6 M	- Design - ROW - Construction	**X**	**X**		PD&E phase will be completed with I-95 mainline project (FM #422681.6). If FDOT leads the project, environmental documentation is likely to be Type 1 CE completed using Phase 22 funds.
5	SR 70/Okeechobee Road	St Lucie	- DDI configuration; - At Jenkins Rd add a 3rd NB left turn lane - At Kings Highway: Add a third NB right-turn lane, and provide a protected NB right-turn overlap phase. - At Crossroads Parkway: Provide signal retiming improvements, including protected right-turn overlap phase for northbound right-turn, southbound right-turn, and westbound right-turn lane.	Auto, Bike, Pedestrian	**X**	**X**	$21.1 M	- PD&E - Design - ROW - Construction	**X**			PD&E phase will be completed with I-95 mainline project (FM #422681.6).

PRIORITIZATION PLAN
LONG TERM (2045) PROJECTS
I-95 Multimodal Master Plan

Long Term 2045

Updated March 16, 2020

PRIORITIZATION RANKING	LOCATION	COUNTY	PROJECT DESCRIPTION INTERCHANGE AND/OR MAINLINE	MODES IMPACTED	SAFETY IMPROVEMENTS	RIGHT-OF-WAY NEEDED	CONSTRUCTION COST* (FROM LRE)	PROGRAMMING PHASE(S)	SIS	MPO/LOCAL	OPERATIONAL	COMMENTS
6	SR 714/Martin Hwy	Martin	At I-95 SB Ramp Intersections: Add a second WB left-turn lane and Add an EB right-turn lane. At I-95 NB Ramp Intersection: Add a second EB left-turn lane and Add a WB right-turn lane.	Auto, Bike, Pedestrian			$2.9 M	- Design - Construction		X	X	Turn lane improvements needed in 2045 (but not 2030). PD&E phase will be completed with I-95 mainline project (FM #422681.5).
7	Becker Rd	St Lucie	- At I-95 SB Ramp Terminal: Add a second southbound right-turn lane. At I-95 NB Ramp Terminal: Add a second northbound left-turn lane - At Village Parkway Drive: Add a third SB left-turn lane, and a SB right-turn lane. Channelize the WB right-turn lane, and add a second WB through lane. Add an exclusive NB right-turn lane and restripe NB shared lane to shared left/through lane.	Auto, Bike, Pedestrian		X	$18.1 M	- PD&E - Design - ROW - Construction		X		PD&E phase will be completed with I-95 mainline project (FM #422681.6).
8	Bridge Rd	Martin	At I-95 SB Ramp Intersection: Add a second WB left-turn lane and Add a third and fourth EB through lane. At I-95 NB Ramp Intersection: Add a second EB left-turn lane and Add a third WB through lane.	Auto, Bike, Pedestrian			$2.6 M	- Design - Construction		X	X	PD&E phase will be completed with I-95 mainline project (FM #413253.2)
9	Midway Rd	St Lucie	At I-95 SB Ramp Intersection: Add a second SB left-turn lane.	Auto, Transit			$0.8 M	- Design - Construction	X	X	X	Turn lane improvements needed in 2045 (but not 2030).
10	Crosstown Parkway at California Blvd Intersection	St Lucie	- Provide a protected EB right-turn overlap phase. Add a second NB through lane. Add a second SB through lane, second SB right-turn lane, and provide a protected SB right-turn overlap phase.	Auto, Bike, Pedestrian	X	X	$3.2 M	- Design - ROW - Construction		X		If FDOT leads the project, environmental documentation is likely to be Type 1 CE completed using Phase 22 funds.
11	Fellsmere Rd	Indian River	At 108th Ave intersection: Add a SB exclusive right-turn lane and restripe SB shared lane to shared left/through lane.	Auto, Bike, Pedestrian		X	$3.2 M	- Design - ROW - Construction		X		No interchange improvements.
12	Becker Road at Hallmark Street Intersection	St Lucie	- Add E/W bound through lane improvement at Hallmark St.	Auto, Bike, Pedestrian		X	$4.4 M	- Design - ROW - Construction		X		If FDOT leads the project, environmental documentation is likely to be Type 1 CE completed using Phase 22 funds.

PRIORITIZATION PLAN
LONG TERM (2045) PROJECTS
I-95 Multimodal Master Plan

Long Term 2045

Updated March 16, 2020

PRIORITIZATION RANKING	LOCATION	COUNTY	PROJECT DESCRIPTION	MODES IMPACTED	SAFETY IMPROVEMENTS	RIGHT-OF-WAY NEEDED	CONSTRUCTION COST* (FROM LRE)	PROGRAMMING				COMMENTS
			INTERCHANGE AND/OR MAINLINE					PHASE(S)	SIS	MPO/LOCAL	OPERATIONAL	
13	Midway Rd at Glades Cut-Off Rd	St Lucie	- Add an exclusive EB right-turn lane and channelize the EB right-turn lane. - Add a second WB left-turn lane, Add an exclusive WB right-turn lane and channelize the WB right-turn lane.	Auto, Bike, Pedestrian		X	$2.0 M	- PD&E - Design - ROW - Construction		X		If FDOT leads the project, environmental documentation is likely to be Type 1 CE completed using Phase 22 funds. Improvements are impacted by potential Turnpike interchange at Midway Road.
14	High Meadow Avenue	Martin	Signalize Swallowtail Ln	Auto, Bike, Pedestrian			$0.3 M	- Design - Construction		X	X	No interchange improvements. Continue monitoring and coordinate with Traffic Operations. Intersection can be signalized when warranted.
15	I-95 Southbound south of SR 614/Indrio Road	St Lucie	Adjust SB I-95 lane transition to eliminate merge	Auto, Transit			$2.3 M	- Design - Construction	X			Minor realignment of southbound. I-95 mainline to match 4-lane section.
16	Various Ramps	St Lucie/ Indian River	Lengthen Northbound I-95 Off-Ramp deceleration lanes	Auto, Transit			$3.2 M	- Design - Construction	X			Minor lengthening of NB off-ramp deceleration lane at SR 60, SR 614/Indrio Road, and SR 68/Orange Avenue interchanges.

** Preliminary cost estimates. Does not include Right-of-Way costs. Costs of some projects are still under development.*
Individual state roadways are color coded.

LEGEND

	= SR 70/Okeechobee Road
	= I-95 Mainline
	= SR 76/Kanner Highway
	= SR 68/Orange Avenue
	= SR 714/Martin Highway