

CONTRACT PLANS COMPONENTS

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
SIGNALIZATION PLANS
LIGHTING PLANS

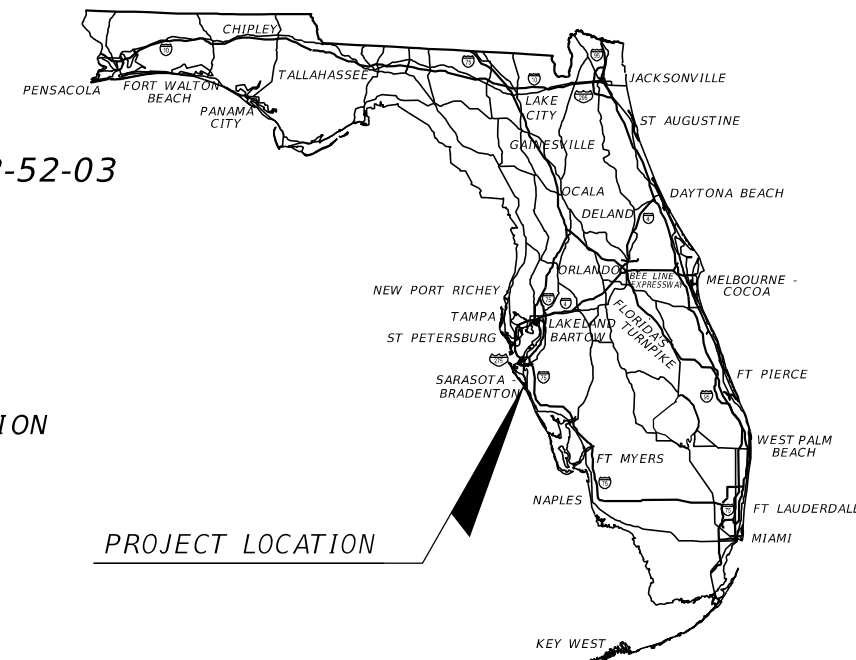
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

FINANCIAL PROJECT ID 445926-2-52-01, 445926-2-52-02 & 445926-2-52-03

SARASOTA COUNTY (17030)

STATE ROAD NO. SR 789
WIDENING AND RECONSTRUCTION OF SR 789 EAST OF BIRD KEY DR.
INTERSECTION TO WEST OF SUNSET DR. / GOLDEN GATE POINT INTERSECTION



PROJECT LOCATION

A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	DRAINAGE MAP
4-7	TYPICAL SECTIONS
8	MODEL MANAGEMENT
9-10	PROJECT CONTROL
11	GENERAL NOTES
12-13	PLAN & PROFILE
14-15	DRAINAGE STRUCTURES
16-21	TEMPORARY TRAFFIC CONTROL PLAN
22-23	UTILITY ADJUSTMENTS

PROJECT LOCATION URL:	https://tinyurl.com/yc7dvpe6
PROJECT LIMITS:	BEGIN STA. 121+00.00 - END STA. 133+65.23 BEGIN STA. 164+93.72 - END STA. 184+20.00
EXCEPTIONS:	BEGIN STA. 133+65.23 - END STA. 164+93.72
BRIDGE LIMITS:	BRIDGE NO. 170176 BEGIN STA. 133+65.23 - END STA. 164+93.72
RAILROAD CROSSING:	NONE

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2023-24 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

APPLICABLE IRs: IR - -

Standard Plans for Bridge Construction are included in the Structures Plans Component

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY 2023-24 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

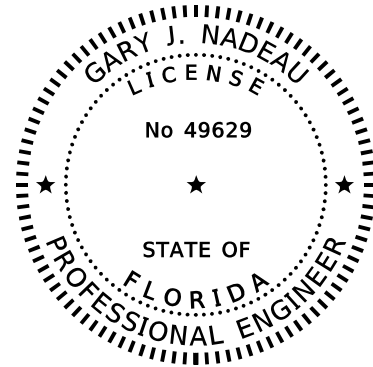
**ROADWAY PLANS
ENGINEER OF RECORD:**

GARY J. NADEAU, P.E., P.E.
P.E. LICENSE NUMBER 49629
KIMLEY-HORN AND ASSOCIATES, INC.
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236
(941) 379-7602
CONTRACT NO.: C9Q14
VENDOR NO.: F560885615-001

FDOT PROJECT MANAGER:

JEFF MEDNICK

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	25	1



THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

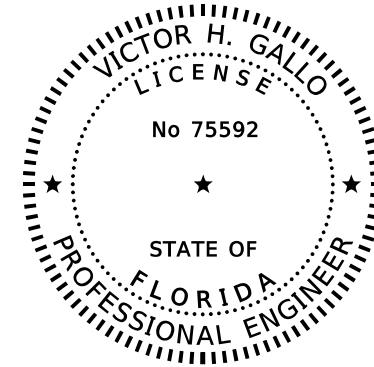
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KIMLEY-HORN AND ASSOCIATES, INC
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236
GARY J. NADEAU, P.E. NO. 49629

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
4-7	TYPICAL SECTIONS
8	MODEL MANAGEMENT
9-10	PROJECT CONTROL
11	GENERAL NOTES
12-13	PLAN & PROFILE
16-21	TEMPORARY TRAFFIC CONTROL PLAN
22-23	UTILITY ADJUSTMENTS



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KIMLEY-HORN AND ASSOCIATES, INC
1800 SECOND STREET, SUITE 900
SARASOTA, FL 34236
VICTOR H. GALLO, P.E. NO. 75592

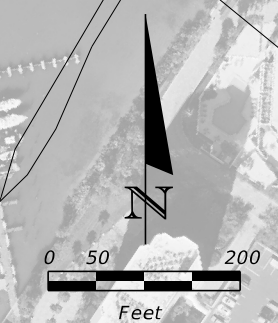
THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
3	DRAINAGE MAP
14-15	DRAINAGE STRUCTURES

12/21/2023 8:55:50 AM Steven.Hartl K:\SAR_Worksheets\FDOT\149748004_Gulfstream-Sunset_Roadway\SIGHRD01.dgn

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	GARY J. NADEAU, P.E. LICENSE NUMBER: 49629 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		2
						SR 789	SARASOTA	445926-2-52-01		

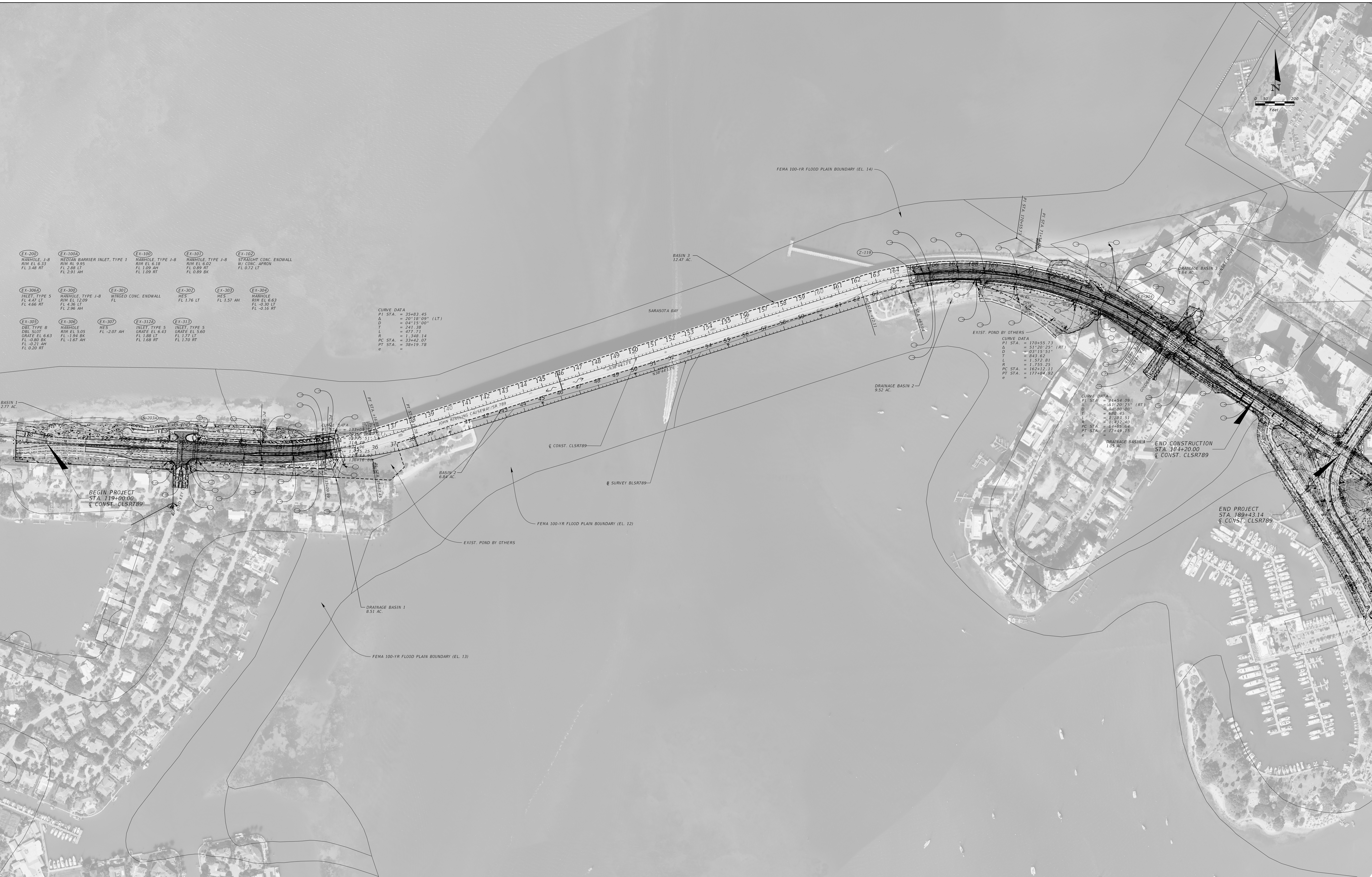


- EX-200 MANHOLE, J-B
RIM EL 6.33
FL 3.48 RT
- EX-100A MEDIAN BARRIER INLET, TYPE 1
RIM RL 9.95
FL 2.88 LT
FL 2.91 AH
- EX-100 MANHOLE, TYPE J-B
RIM EL 6.18
FL 1.09 AH
FL 1.09 RT
- EX-101 MANHOLE, TYPE J-B
RIM EL 6.02
FL 0.89 RT
FL 0.89 BK
- EX-102 STRAIGHT CONC. ENDWALL
W/ CONC. APRON
FL 0.72 LT
- EX-306A INLET, TYPE 5
FL 4.47 LT
FL 4.66 RT
- EX-300 MANHOLE, TYPE J-B
RIM EL 12.00
FL 4.36 LT
FL 2.96 AH
- EX-301 WINGED CONC. ENDWALL
FL
- EX-302 MES
FL 1.76 LT
- EX-303 MES
FL 1.57 AH
- EX-304 MANHOLE
RIM EL 6.63
FL -0.30 LT
FL -0.16 RT
- EX-305 DBI, TYPE B
OBL. S/COT
GRATE EL 6.63
FL -0.80 BK
FL -0.21 AH
FL 0.20 RT
- EX-306 MANHOLE
RIM EL 3.05
FL -1.94 BK
FL -1.67 AH
- EX-307 MES
FL -2.07 AH
- EX-312A INLET, TYPE 5
GRATE EL 6.43
FL 1.68 RT
- EX-313 INLET, TYPE 5
GRATE EL 5.60
FL 1.77 LT
FL 1.70 RT

CURVE DATA
 PI STA. = 35+83.45
 Δ = 20°18'09" (LT)
 D = 04°15'00"
 T = 241.30
 R = 172.71
 L = 1,348.14
 PC STA. = 33+42.07
 PT STA. = 38+19.78
 e

EXIST. POND BY OTHERS
 CURVE DATA
 PI STA. = 170+55.73
 Δ = 51°20'25" (RT)
 D = 03°15'51"
 T = 843.62
 L = 1,572.81
 R = 1,755.25
 PC STA. = 162+12.11
 PT STA. = 177+84.92
 e

CURVE DATA
 PI STA. = 74+54.09
 Δ = 47°20'25" (RT)
 D = 04°00'00"
 T = 680.45
 L = 1,283.51
 R = 1,432.40
 PC STA. = 64+05.64
 PT STA. = 77+49.15
 e



BEGIN PROJECT
 STA. 119+00.00
 C CONST. CLSR789

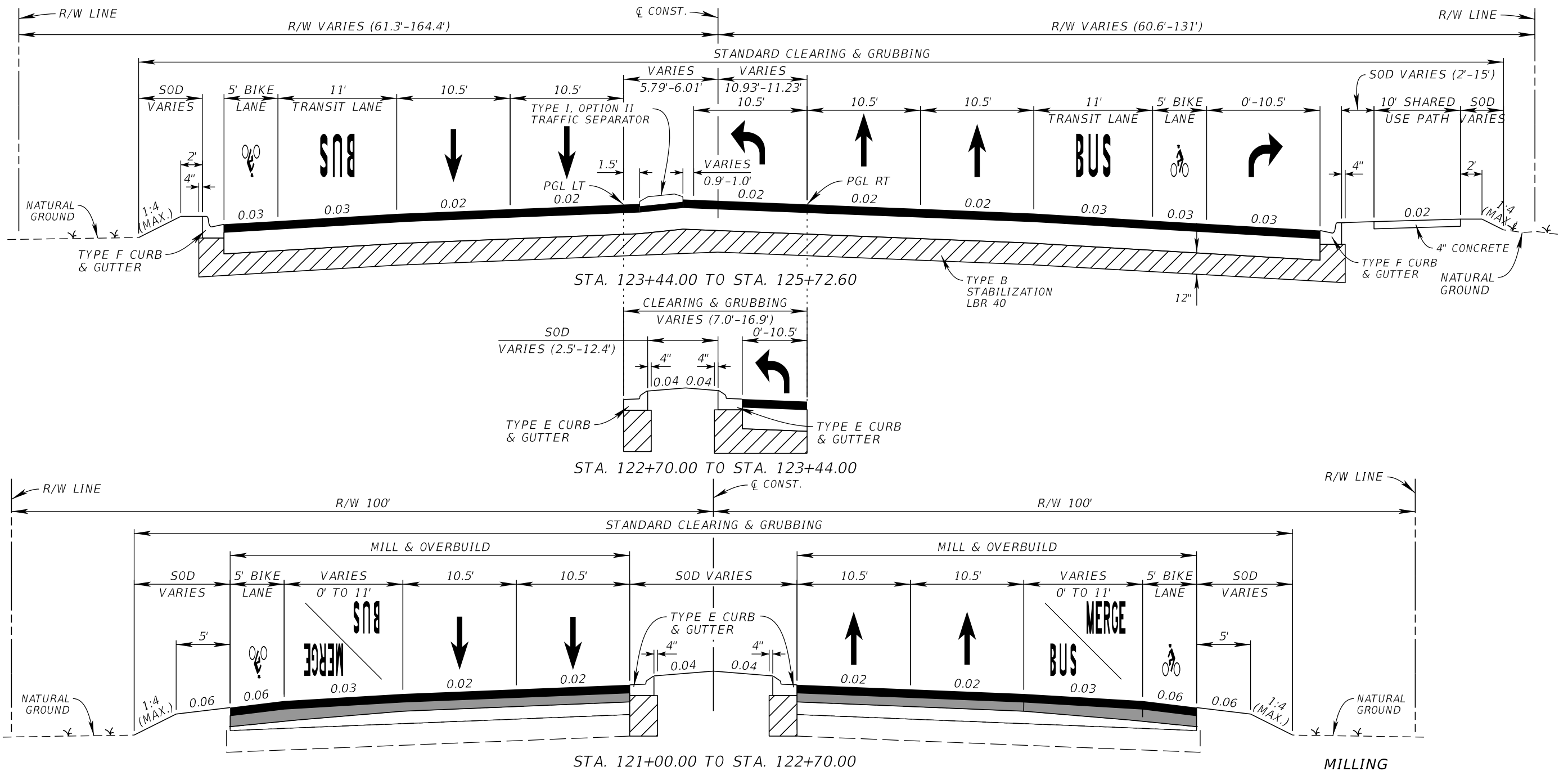
END CONSTRUCTION
 STA. 184+20.00
 C CONST. CLSR789

END PROJECT
 STA. 189+43.14
 C CONST. CLSR789

ENGINEER OF RECORD		STATE OF FLORIDA		SHEET NO.
VICTOR H. GALLO, P.E. LICENSE NUMBER 75592 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236		DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID		3
SR 789	SARASOTA	445926-2-52-01		

DRAINAGE MAP

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TRAFFIC DATA

CURRENT YEAR = 2023 AADT = 41800
 ESTIMATED OPENING YEAR = 2026 AADT = 42800
 ESTIMATED DESIGN YEAR = 2046 AADT = 49500
 K = 9.0% D = 52.4% T = 5.0% (24 HOUR)
 DESIGN HOUR T = 2.5%
 TARGET SPEED = 35 MPH
 DESIGN SPEED = 35 MPH
 POSTED SPEED = 35 MPH

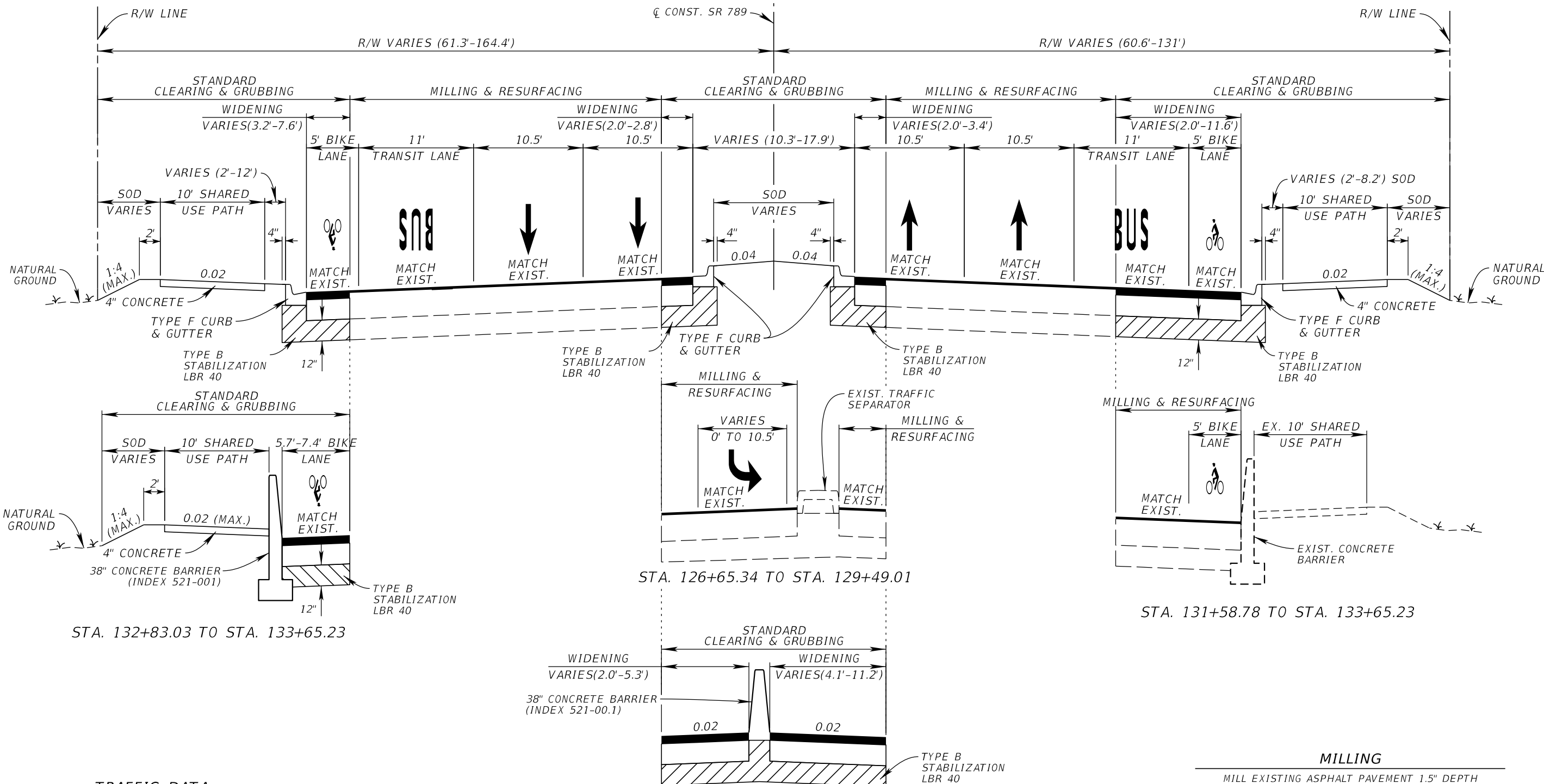
**TYPICAL SECTION
 SR 789 (JOHN RINGLING CSWY.)
 STA. 121+00.00 TO STA. 125+72.60**

- MILLING**
MILL EXISTING ASPHALT PAVEMENT 1.5" DEPTH
- RESURFACING**
FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)
- OVERBUILD**
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (VARIES)
FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)
- RECONSTRUCTION**
OPTIONAL BASE GROUP 9
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

12/21/2023 8:58:11 AM Steven.Hartl K:\SAR_worksets\VDOT\149748004_Gulfstream-Sunset_Roadway\TYP\SRD01.dgn

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	GARY J. NADEAU, P.E. LICENSE NUMBER: 49629 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 789	SARASOTA	445926-2-52-01	4
TYPICAL SECTION (1)									



TRAFFIC DATA

CURRENT YEAR = 2023 AADT = 41800
 ESTIMATED OPENING YEAR = 2026 AADT = 42800
 ESTIMATED DESIGN YEAR = 2046 AADT = 49500
 K = 9.0% D = 52.4% T = 5.0% (24 HOUR)
 DESIGN HOUR T = 2.5%
 TARGET SPEED = 35 MPH
 DESIGN SPEED = 35 MPH
 POSTED SPEED = 35 MPH

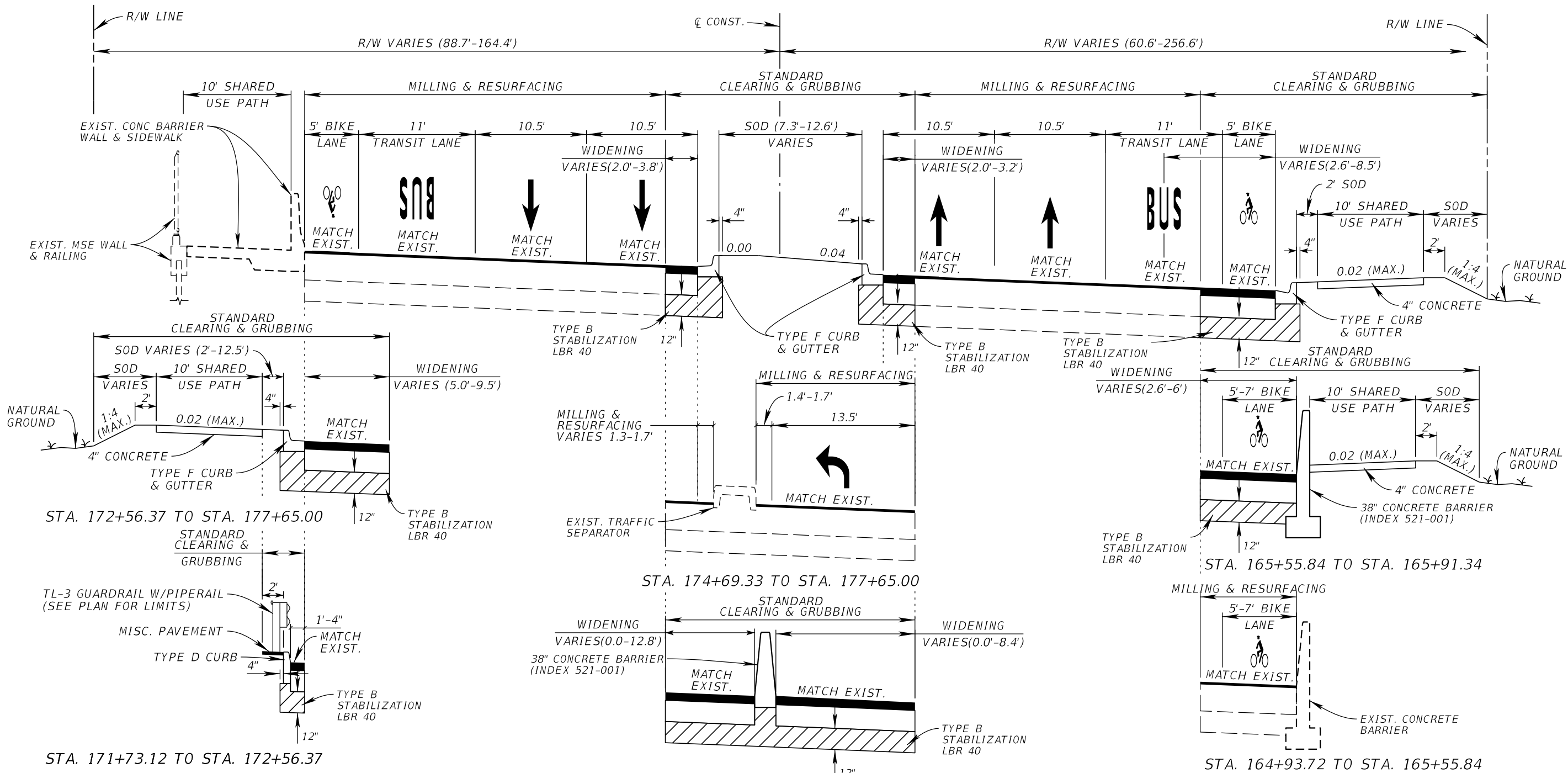
- MILLING**
MILL EXISTING ASPHALT PAVEMENT 1.5" DEPTH
- RESURFACING**
FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)
- WIDENING**
OPTIONAL BASE GROUP 9
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

TYPICAL SECTION
 SR 789 (JOHN RINGLING CSWY.)
 STA. 125+72.60 TO STA. 133+65.23

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	GARY J. NADEAU, P.E. LICENSE NUMBER: 49629 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 789	SARASOTA	445926-2-52-01	5
TYPICAL SECTION (2)									



TRAFFIC DATA

CURRENT YEAR = 2023 AADT = 41800
 ESTIMATED OPENING YEAR = 2026 AADT = 42800
 ESTIMATED DESIGN YEAR = 2046 AADT = 49500
 K = 9.0% D = 52.4% T = 5.0% (24 HOUR)
 DESIGN HOUR T = 2.5%
 TARGET SPEED = 35 MPH
 DESIGN SPEED = 35 MPH
 POSTED SPEED = 35 MPH

**TYPICAL SECTION
 SR 789 (JOHN RINGLING CSWY.)
 STA. 164+93.72 TO STA. 177+65.00**

MILLING
 MILL EXISTING ASPHALT PAVEMENT 1.5" DEPTH

RESURFACING
 FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

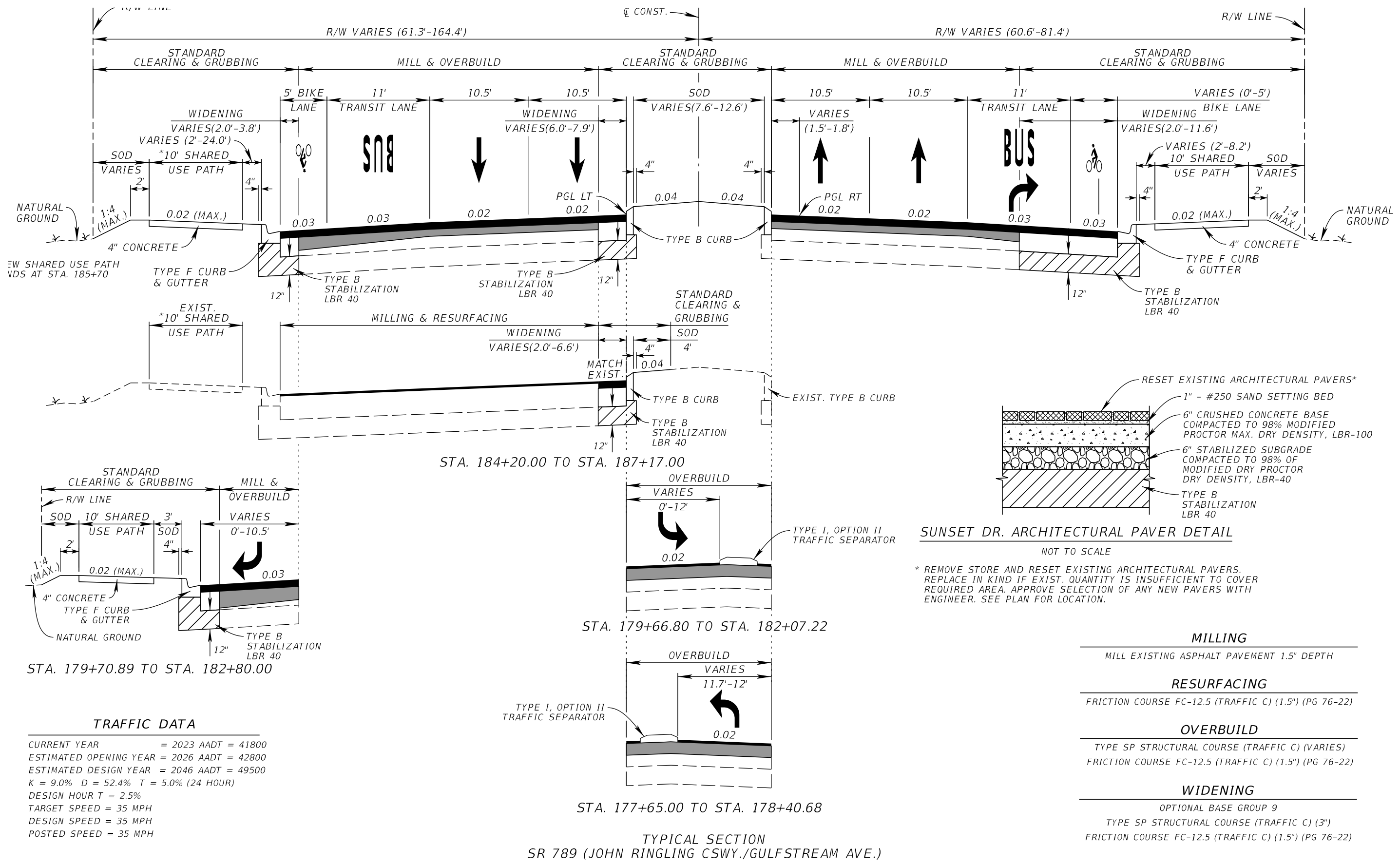
WIDENING
 OPTIONAL BASE GROUP 9
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (3")
 FRICTION COURSE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				GARY J. NADEAU, P.E. LICENSE NUMBER: 49629 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236		SR 789	SARASOTA	445926-2-52-01	6

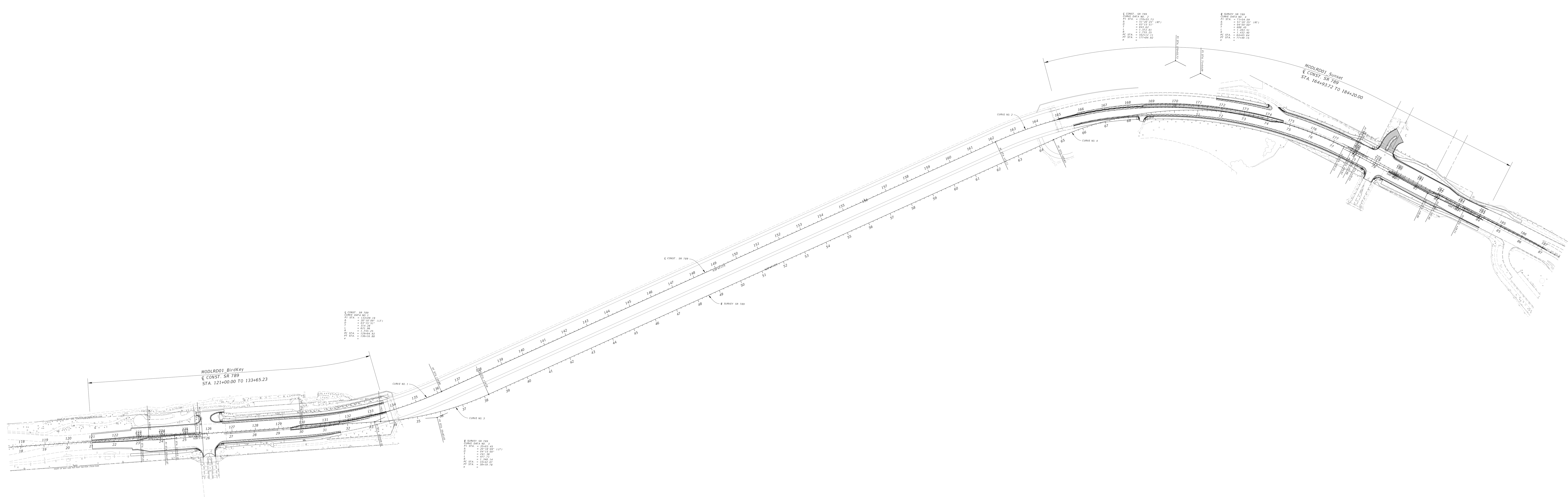
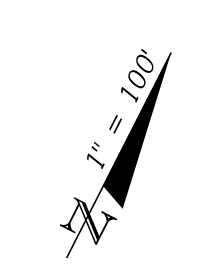
TYPICAL SECTION (3)

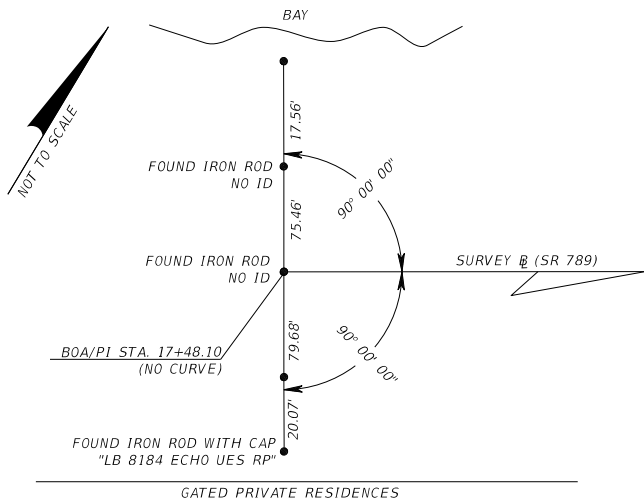


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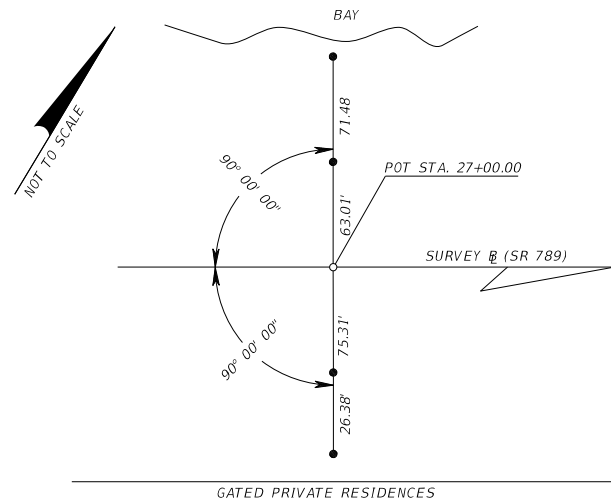
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				GARY J. NADEAU, P.E. LICENSE NUMBER: 49629 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236		SR 789	SARASOTA	445926-2-52-01	7
TYPICAL SECTION (4)									

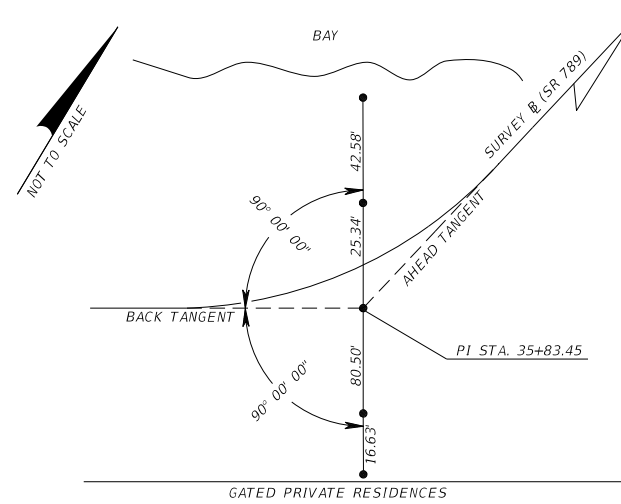




BOA PI STA. 17+48.10
(NO CURVE)
FOUND 5/8" IRON ROD NO ID
SURVEY BASELINE SR 789

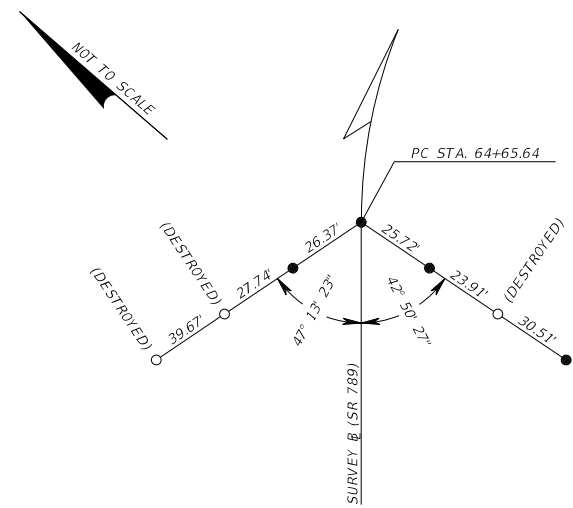


POT STA. 27+00.00
FOUND PK NAIL & DISK "GFY LB 021"
SURVEY BASELINE SR 789



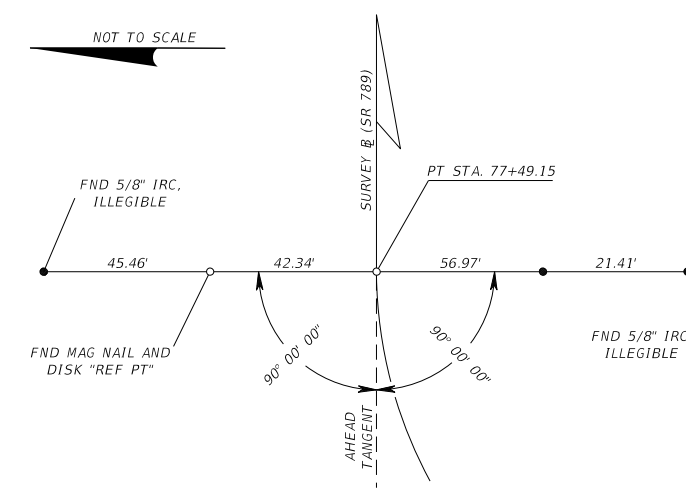
PI STA. 35+83.45
SET 5/8" IRON ROD WITH CAP "LB 7917"
SURVEY BASELINE SR 789

ANY STATIONS FROM 36+00 TO 64+00
FALL OUTSIDE OF THE PROJECT LIMITS
NO FIELD EFFORT CONDUCTED

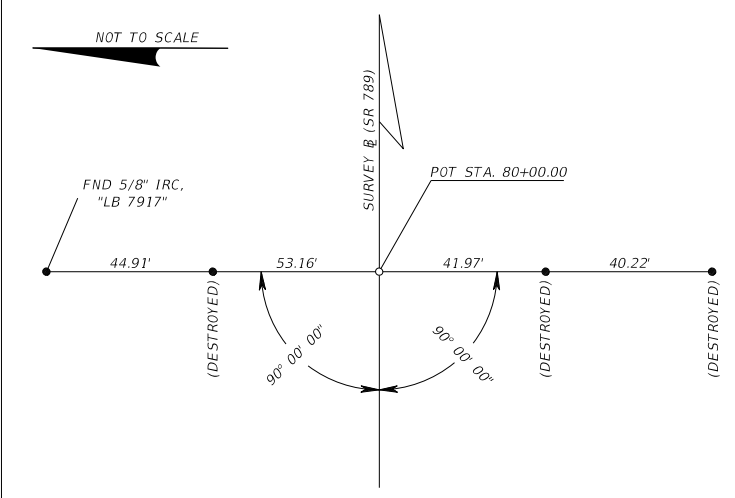


PC STA. 64+65.64
SET 5/8" IRON ROD AND CAP "LB 7917"
SURVEY BASELINE SR 789

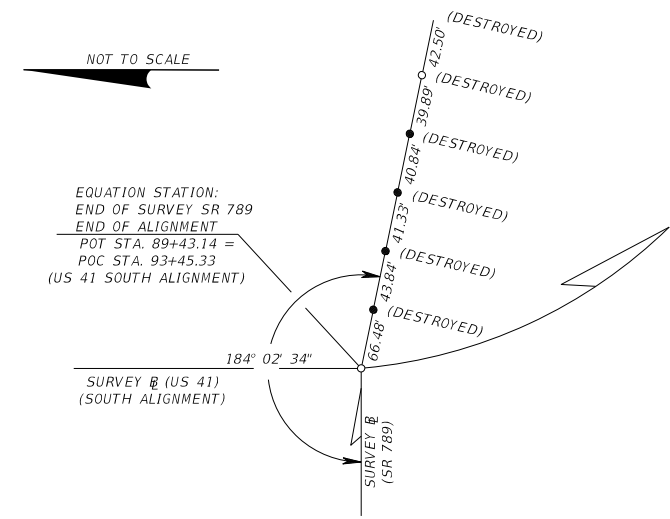
PI STA. 71+54.09 NOT SET
FALLS IN WATER



PT STA. 77+49.15
FOUND PK AND DISK "GFY LB 021"
SURVEY BASELINE SR 789



POT STA. 80+00.00
BASELINE POINT DESTROYED
SURVEY BASELINE SR 789



EQUATION STATION: END OF SURVEY SR 789
END OF ALIGNMENT POT STA. 89+43.14 =
POC STA. 93+45.33 (US 41 SOUTH ALIGNMENT)
BASELINE POINT AND ALL REFERENCES DESTROYED
SURVEY BASELINE SR 789

- LEGEND**
- Δ = DELTA
 - @ = DENOTES SURVEY BASELINE
 - AH = AHEAD
 - BOA = BEGINNING OF ALIGNMENT
 - BOS = BEGINNING OF SURVEY
 - BK = BACK
 - BUS. = BUSINESS
 - EDA = END OF ALIGNMENT
 - F.C.M. = FOUND CONCRETE MONUMENT
 - F.R.R.S. = RAILROAD SPIKE
 - FND = FOUND
 - ID. = IDENTIFICATION
 - IRC = IRON ROD & CAP
 - LB = LICENSED BUSINESS
 - LS = LAND SURVEYOR
 - PC = POINT OF CURVATURE
 - PCC = POINT OF COMPOUND CURVATURE
 - PI = POINT OF INTERSECTION
 - PK = PARKER KALON NAIL
 - PKWY = PARKWAY
 - PKD = PARKER KALON NAIL AND DISK
 - POT = POINT ON TANGENT
 - POC = POINT ON CURVE
 - PT = POINT OF TANGENCY
 - R = RADIUS
 - S.I.R.C. = SET 5/8" IRON ROD & CAP "LB 7917"
 - S.P.K.D. = SET PARKER KALON NAIL & DISK "LB 7917"
 - SR = STATE ROAD
 - STA. = STATION
 - = SET 5/8" IRON ROD & CAP "LB 7917" (UNLESS OTHERWISE NOTED)
 - = SET MAG NAIL AND NAIL & DISK "LB 7917" (UNLESS OTHERWISE NOTED)
 - = SET 4" X 4" STANDARD FDOT CONCRETE MONUMENT (UNLESS OTHERWISE NOTED)

SR 789 (GULFSTREAM AVENUE)
AT: BIRD KEY
F.P. ID.: 445926-1
SURVEY PERFORMED BY: MCKIM & CREED, INC.
SURVEY DATE: OCTOBER 2023

12/21/2023 8:58:27 AM Steven.Hartl K:\SAR_wor\ksets\VDOT\149748004_Gulfstream-Sunset\Roadway\PLAYR002.dgn

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT CONTROL (1)	SHEET NO. 9
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			GARY J. NADEAU, P.E. LICENSE NUMBER: 49629 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	SR 789	SARASOTA	445926-2-52-01		

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REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 GARY J. NADEAU, P.E.
 LICENSE NUMBER: 49629
 KIMLEY-HORN AND ASSOCIATES, INC.
 1800 SECOND STREET, SUITE 900
 SARASOTA, FL 34236

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 789	SARASOTA	445926-2-52-01

PROJECT CONTROL (2)

SHEET NO.
10

Florida Department of Transportation District One
Vertical Control Data Sheet

DATUM
NGVD 1929 X
NAVD 1988 —

Monument Name or Designation: SAR 9 Elevation Feet: 10.156'
 State Road No.: SR 789 County: SARASOTA
 Section: 25 Township: 36 S Range: 17 E Roadway Section I.D.: 17020-000
 Establishing Firm: MCKIM AND CREEED Field Book No.: 503519
 Established: 01/23/23 Recovered: — Financial Project ID: 445926-1

State Plane Coordinates: N (Y): = 1087779 E (X): = 472830
 (Nearest Foot)
 Base Line Station and Offset: STATION: OFF CHAIN (SR 789)
 Description of Monument: FOUND BRASS FLORIDA SRD MONUMENT SET IN BRIDGE ABUTMENT WING WALL STAMPED "SAR 9"

Distance and Direction from Nearest Intersection: 0.2 MILES WEST ALONG JOHN RINGLING CAUSEWAY (SR 789) FROM THE INTERSECTION OF JOHN RINGLING CAUSEWAY (SR 789) AND BIRD KEY DRIVE.

Field Location Sketch

Florida Department of Transportation District One
Vertical Control Data Sheet

DATUM
NGVD 1929 X
NAVD 1988 —

Monument Name or Designation: BM 112 Elevation Feet: 7.566'
 State Road No.: SR 45/US 41 County: SARASOTA
 Section: 19 Township: 36 S Range: 18 E Roadway Section I.D.: 17020-000
 Establishing Firm: MCKIM AND CREEED Field Book No.: 503519
 Established: 08/03/16 Recovered: — Financial Project ID: 438137-1

State Plane Coordinates: N (Y): = 1091137 E (X): = 479138
 (Nearest Foot)
 Base Line Station and Offset: STA: 100+60 0/S: 60.0' RT. (US 41 SOUTH)
 Description of Monument: FOUND STANDARD 4" X 4" FDOT CONCRETE MONUMENT WITH BRASS DISK STAMPED "BM 112"

Distance and Direction from Nearest Intersection: 700' SOUTH ALONG SR 45 / US 41 FROM THE INTERSECTION OF SR 45 / US 41 AND GULFSTREAM (SR 789).

Field Location Sketch

Florida Department of Transportation District One
Vertical Control Data Sheet

DATUM
NGVD 1929 X
NAVD 1988 —

Monument Name or Designation: BM GULF1 Elevation Feet: 5.820'
 State Road No.: SR 45/US 41 County: SARASOTA
 Section: 24 Township: 36 S Range: 17 E Roadway Section I.D.: 17020-000
 Establishing Firm: MCKIM AND CREEED Field Book No.: 503519
 Established: 08/03/16 Recovered: — Financial Project ID: 438137-1

State Plane Coordinates: N (Y): = 1091704 E (X): = 477429
 (Nearest Foot)
 Base Line Station and Offset: STATION: 77+20 OFFSET: 81.8' LT. (SR 789)
 Description of Monument: SET STANDARD 4" X 4" FDOT CONCRETE MONUMENT WITH BRASS DISK STAMPED "BM GULF1"

Distance and Direction from Nearest Intersection: 0.2 MILES WEST ALONG GULFSTREAM (SR 789) FROM THE INTERSECTION OF GULFSTREAM (SR 789) AND SR 45 / US 41 (DESTROYED BY CONSTRUCTION ACTIVITY)

Field Location Sketch

Florida Department of Transportation District One
Vertical Control Data Sheet

DATUM
NGVD 1929 X
NAVD 1988 —

Monument Name or Designation: BM 113A Elevation Feet: 3.906'
 State Road No.: SR 45/US 41 County: SARASOTA
 Section: 19 Township: 36 S Range: 18 E Roadway Section I.D.: 17020-000
 Establishing Firm: MCKIM AND CREEED Field Book No.: 503519
 Established: 08/03/16 Recovered: — Financial Project ID: 438137-1

State Plane Coordinates: N (Y): = 109190 E (X): = 478704
 (Nearest Foot)
 Base Line Station and Offset: STA: 89+76 0/S: 49.2' LT. (US 41 SOUTH)
 Description of Monument: SET STANDARD 4" X 4" FDOT CONCRETE MONUMENT WITH BRASS DISK STAMPED "BM 113A"

Distance and Direction from Nearest Intersection: 400' NORTH ALONG SR 45 / US 41 FROM THE INTERSECTION OF SR 45 / US 41 AND GULFSTREAM (SR 789).

Field Location Sketch

Florida Department of Transportation District One
Vertical Control Data Sheet

DATUM
NGVD 1929 X
NAVD 1988 —

Monument Name or Designation: BM 109 Elevation Feet: 8.505'
 State Road No.: SR 45/US 41 County: SARASOTA
 Section: 19 Township: 36 S Range: 18 E Roadway Section I.D.: 17020-000
 Establishing Firm: MCKIM AND CREEED Field Book No.: 503519
 Established: 08/03/16 Recovered: — Financial Project ID: 438137-1

State Plane Coordinates: N (Y): = 1090680 E (X): = 479898
 (Nearest Foot)
 Base Line Station and Offset: STA: 109+44 0/S: 52.3' LT. (US 41 SOUTH)
 Description of Monument: FOUND STANDARD 4" X 4" FDOT CONCRETE MONUMENT WITH BRASS DISK STAMPED "BM 109"

Distance and Direction from Nearest Intersection: 0.3 MILES SOUTH ALONG SR 45 / US 41 FROM THE INTERSECTION OF SR 45 / US 41 AND GULFSTREAM (SR 789).

Field Location Sketch

Florida Department of Transportation District One
Vertical Control Data Sheet

DATUM
NGVD 1929 —
NAVD 1988 —

Monument Name or Designation: — Elevation Feet: —
 State Road No.: — County: — Roadway Section I.D.: —
 Section: — Township: — Range: — E Roadway Section I.D.: —
 Establishing Firm: — Recovered: — Financial Project ID: —
 State Plane Coordinates: N (Y): = — E (X): = —
 (Nearest Foot)
 Base Line Station and Offset: —
 Description of Monument: —

Distance and Direction from Nearest Intersection: —

Field Location Sketch

GENERAL NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29)
2. CONVERSION TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) = NGVD 29 - 1.04'
3. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:

 THOMAS HALSTEAD, P.S.M.
 P.S.M. NO: 5770
 MCKIM & CREED, INC.
 3903 NORTHDALÉ BLVD. STE. 115E, TAMPA, FL 33624
 CERTIFICATE OF AUTHORIZATION: LB 7917
4. SPECIAL EVENTS FOR THIS PROJECT INCLUDE:
 - TURKEY TROT
 - YMCA BRIDGE RUN
 - SARASOTA MUSIC HALF MARATHON
 - FIRST WATCH HALF MARATHON
 - SUNCOAST BOAT SHOW
5. OBTAIN ALL TREE REMOVAL PERMITS FROM THE CITY OF SARASOTA PRIOR TO COMMENCEMENT OF CLEARING AND GRUBBING.
6. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED VV, VH, AND VVH) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATION/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
7. COORDINATE ALL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEMS (NPDES) DEWATERING ACTIVITIES THROUGH THE PROJECT ENGINEER, DISTRICT CONTAMINATION IMPACT COORDINATOR, AND CONTAMINATION ASSESSMENT & REMEDIATION CONTRACTOR TO ENSURE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND WATER MANAGEMENT DISTRICT COMPLIANCE DUE TO KNOWN GROUNDWATER CONTAMINATION PLUMES ADJACENT TO THE CORRIDOR'S PROJECT LIMITS. SEE THE PROJECT'S ASSOCIATED CONTAMINATION MEMORANDUM.
8. UTILITY/ AGENCY OWNERS: COMPANY CONTACT TELEPHONE NUMBERS

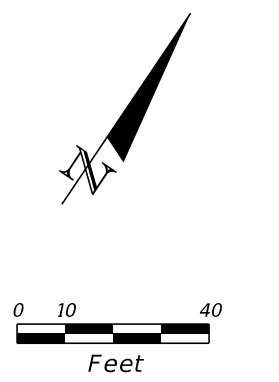
 CITY OF SARASOTA, IT BILL RIEBE
 COMCAST KEVIN MURPHY (941) 356-1489
 FP&L D BRIAN GARVER ?
 FP&L T CRAIG LEDBETTER (561) 803-7942
 FRONTIER DENISE HUTTON (941) 504-9652
 MCI VB MICHAEL KROL
 SARASOTA UTILITIES R. WAYNE DISBROW
 TECO PEOPLES GAS ALEX MCFARLANE (813) 257-3762
 VB WIRELESS JAMES BARRA (813) 928-9881

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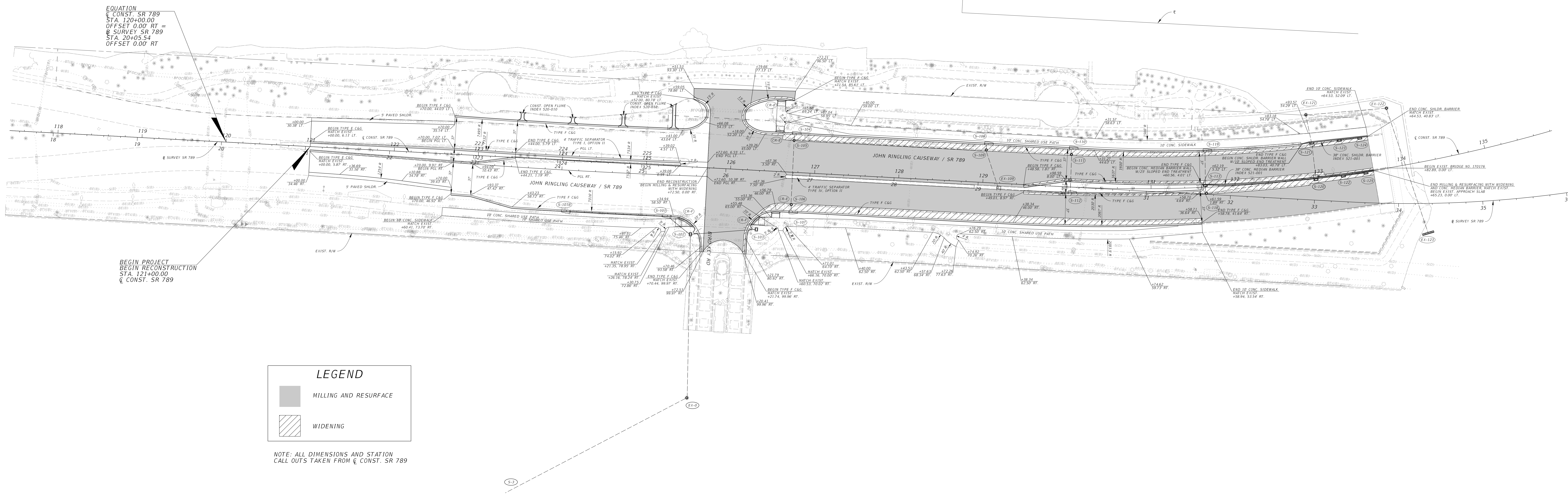
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	GARY J. NADEAU, P.E. LICENSE NUMBER: 49629 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 789	SARASOTA	445926-2-52-01	11

GENERAL NOTES

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



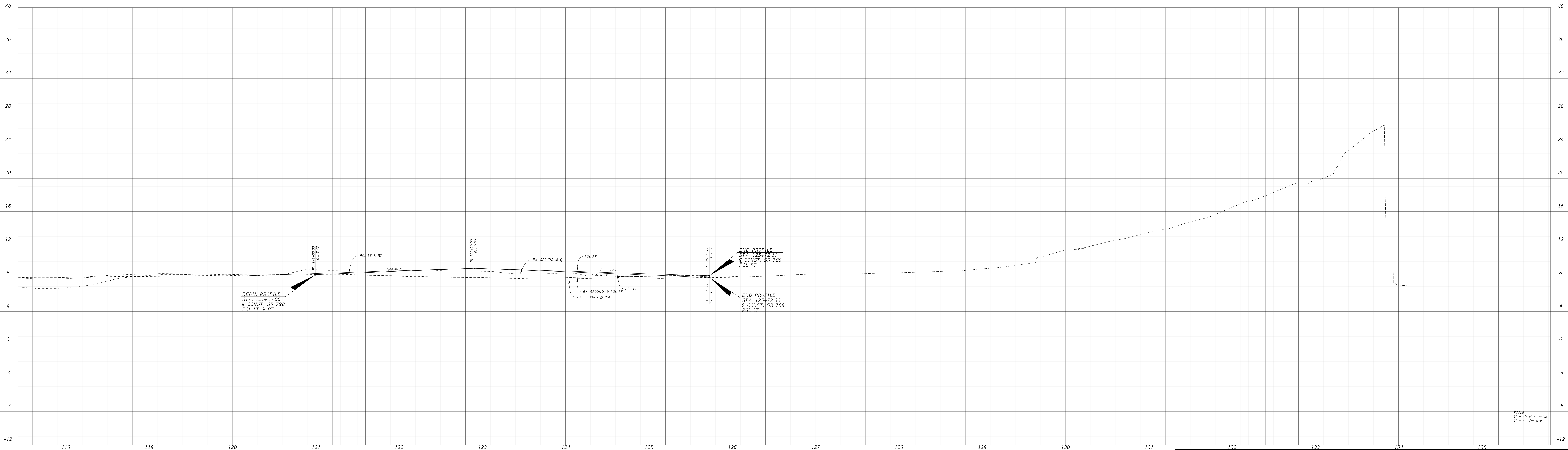
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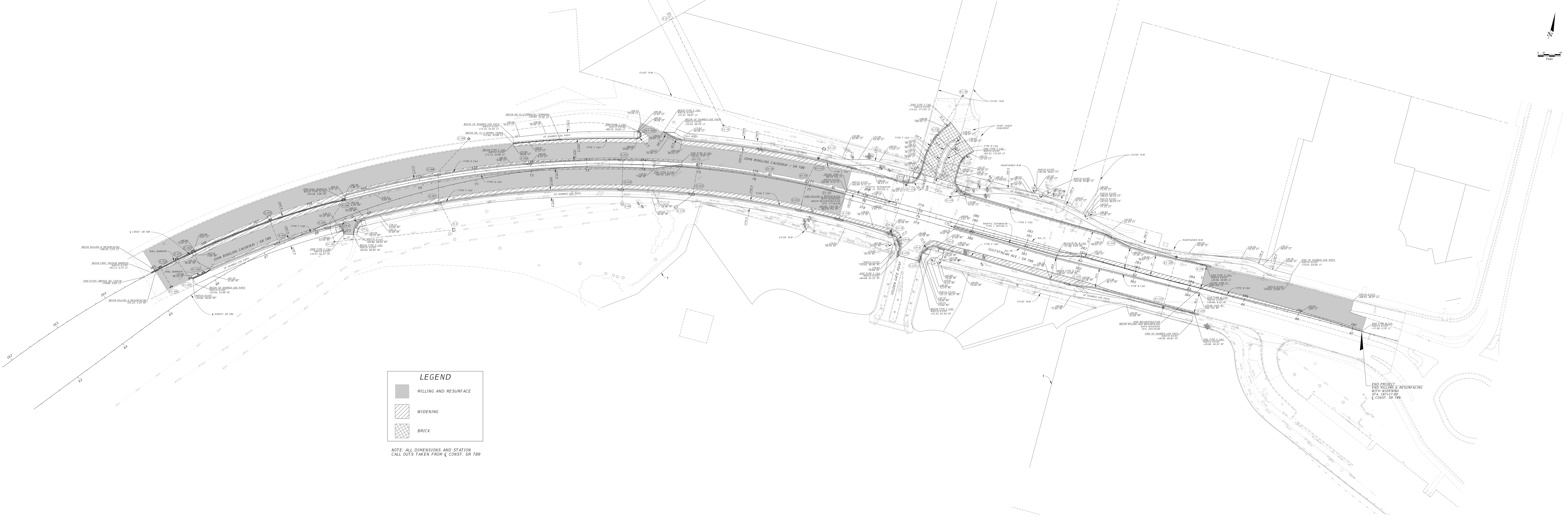
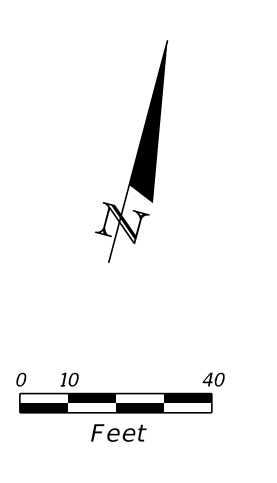


LEGEND

- MILLING AND RESURFACE
- WIDENING

NOTE: ALL DIMENSIONS AND STATION CALL OUTS TAKEN FROM & CONST. SR 789

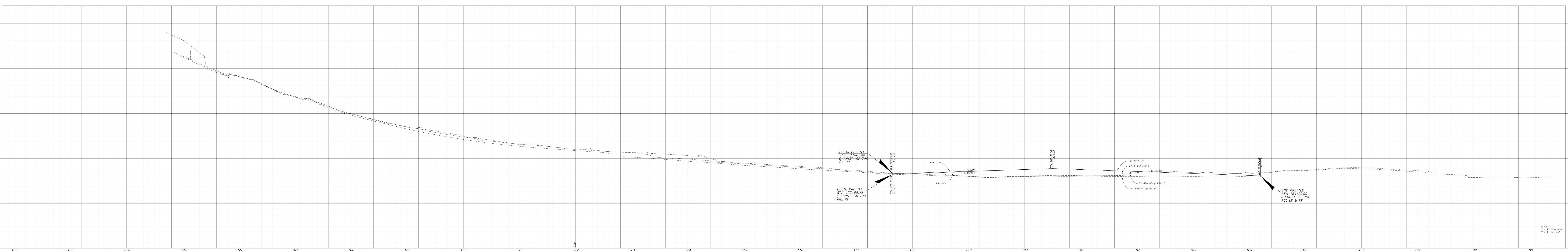


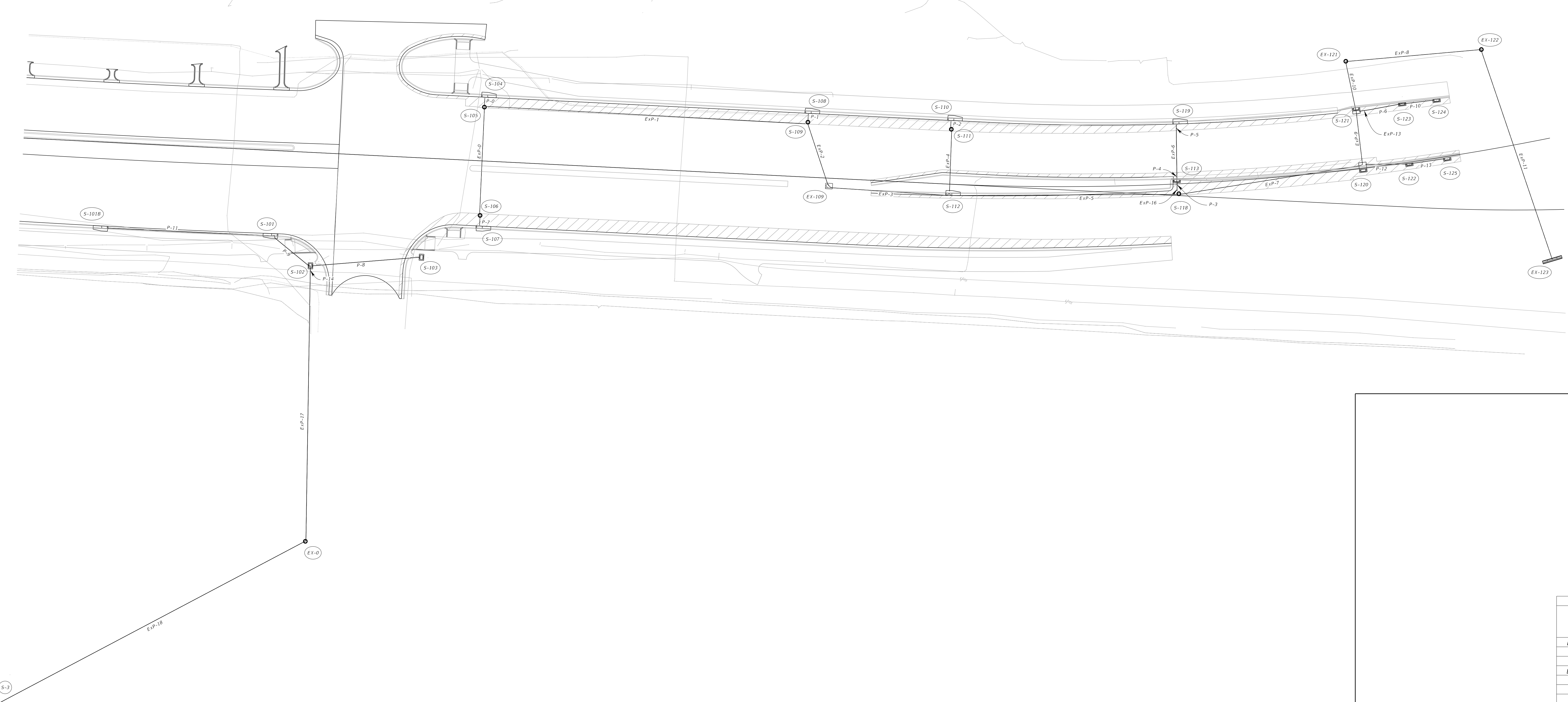


LEGEND

- MILLING AND RESURFACE
- WIDENING
- BRICK

NOTE: ALL DIMENSIONS AND STATION CALL OUTS TAKEN FROM @ CONST. SR 789

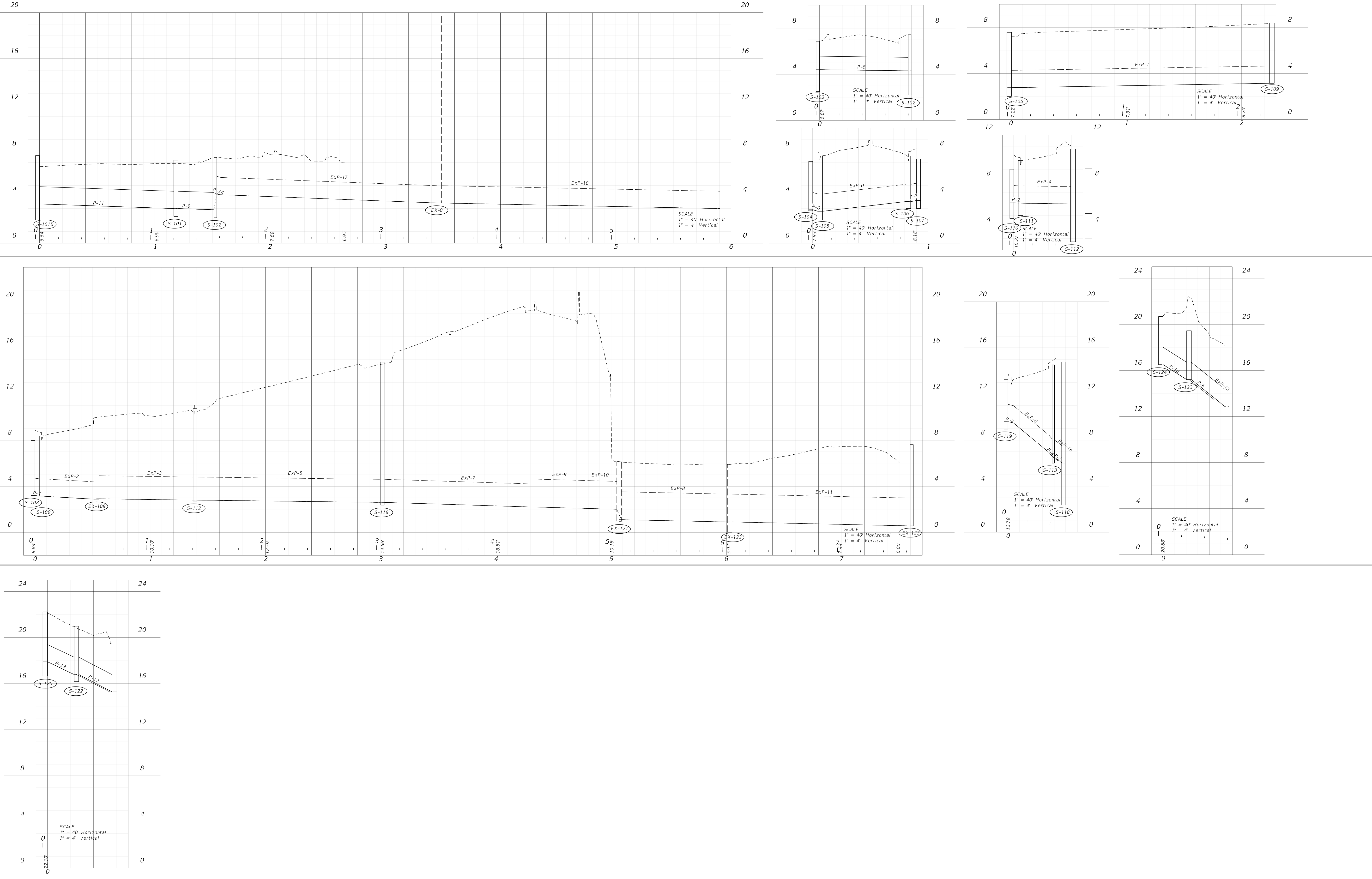


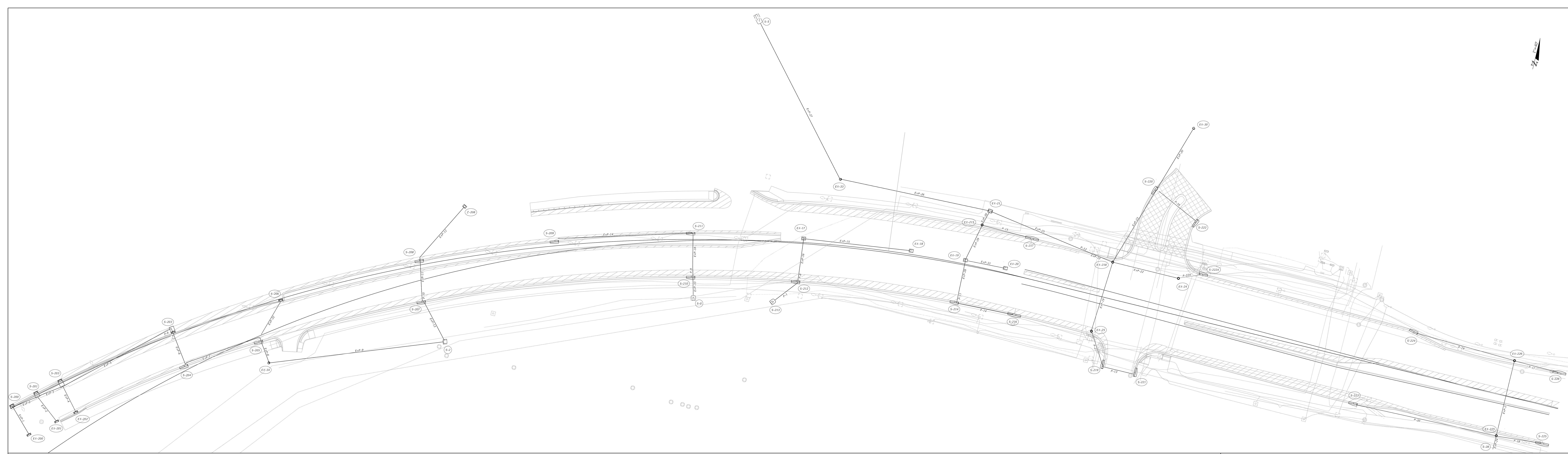


STRUCTURE DATA										
Label	Baseline Feature	Baseline Station (ft)	Baseline Offset (ft)	Structure Type	Bottom Dimensions (ft)	FDOT Standard Plans (400 index series) Notes	Remarks	Reference Elevation (ft)	Sump Elevation (Invert) (ft)	-Pipe-Label
S-119	CLSR789	131+66	-42.30	CURB INLET TYPE 5	3.5' x 3.5'			13.24	8.95	(Out) P-5
S-112	CLSR789	130+04	8.00	CURB INLET TYPE 5	3.5' x 3.5'			10.76	2.71	(In) Exp-3 (In) Exp-4 (Out) Exp-5
EX-109	CLSR789	129+19	7.57	CURB INLET TYPE 7				9.41	2.88	(In) Exp-2 (Out) Exp-3
S-120	CLSR789	132+96	-2.60	MEDIAN BARRIER TYPE 1				19.59	0.83	(In) Exp-7 (In) P-12 (Out) Exp-9
S-103	CLSR789	126+34	70.06	DBI TYPE C				6.87	2.50	(Out) P-8
S-102	CLSR789	125+57	80.00	DBI TYPE C				7.43	2.20	(In) P-8 (In) P-9 (Out) P-14
S-121	CLSR789	132+96	-40.20	MEDIAN BARRIER TYPE 1				18.11	0.83	(In) Exp-9 (In) Exp-13 (Out) Exp-10
S-123	CLSR789	133+30	-42.00	MEDIAN BARRIER TYPE 1				19.44	15.20	(In) P-10 (Out) P-6
S-124	CLSR789	133+55	-41.00	MEDIAN BARRIER TYPE 1				20.67	16.47	(Out) P-10
S-122	CLSR789	133+29	0.75	MEDIAN BARRIER TYPE 1				20.99	16.18	(In) P-13 (Out) P-12
S-125	CLSR789	133+56	1.00	MEDIAN BARRIER TYPE 1				22.23	16.68	(Out) P-13
S-104	CLSR789	126+74	-45.00	CURB INLET TYPE 5	3.5' x 3.5'			7.09	2.80	(Out) P-0
S-108	CLSR789	129+02	-45.00	CURB INLET TYPE 5	3.5' x 3.5'			7.07	3.20	(Out) P-1
S-110	CLSR789	130+03	-45.00	CURB INLET TYPE 5	3.5' x 3.5'			9.02	4.73	(Out) P-2
S-113	CLSR789	131+65	-3.00	MEDIAN BARRIER TYPE 1				14.53	6.00	(In) P-4 (Out) P-3
S-107	CLSR789	126+74	46.00	CURB INLET TYPE 5	3.5' x 3.5'			7.30	3.00	(Out) P-7
S-101	CLSR789	125+30	58.60	CURB INLET TYPE 5	3.5' x 3.5'			7.20	2.31	(In) P-11 (Out) P-9
S-101B	CLSR789	124+10	59.25	CURB INLET TYPE 5	3.5' x 3.5'			7.60	2.00	(Out) P-11

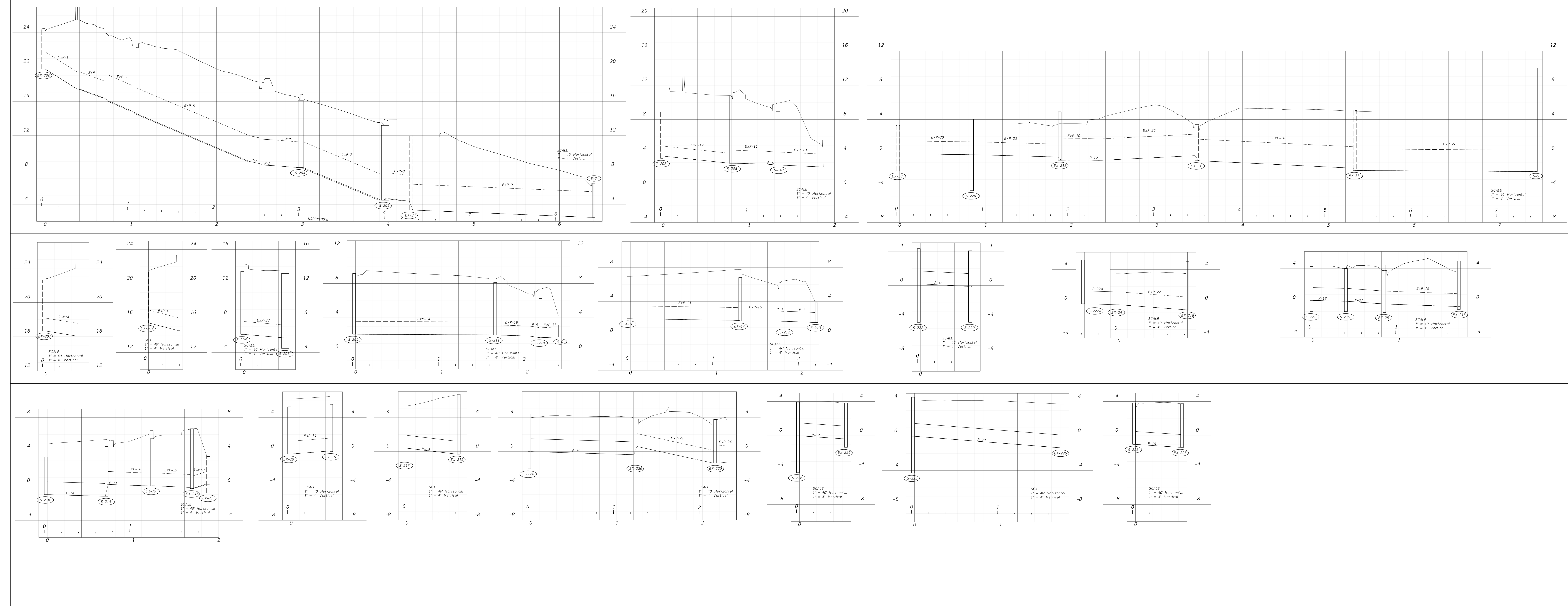
MANHOLE DATA										
Label	Baseline Feature	Baseline Station (ft)	Baseline Offset (ft)	Structure Type	Bottom Dimensions	FDOT Standard Plans (400 index series) Notes	Remarks	Reference Elevation (ft)	Sump Elevation (Structure Invert) (ft)	-Pipe-Label
EX-121	CLSR789	132+93	-76.38	MANHOLE TYPE 7	3.5' DIA			6.14	0.95	(In) Exp-10 (Out) Exp-8
EX-122	CLSR789	133+93	-70.40	MANHOLE TYPE 7	3.5' DIA			5.90	0.00	(In) Exp-8 (Out) Exp-11
S-105	CLSR789	126+74	-38.00	MANHOLE TYPE 7	3.5' DIA			7.56	2.00	(In) Exp-0 (In) P-0 (Out) Exp-1
S-106	CLSR789	126+74	38.50	MANHOLE TYPE 7	3.5' DIA			7.56	3.00	(In) P-7 (Out) Exp-0
S-109	CLSR789	129+02	-38.75	MANHOLE TYPE 7	3.5' DIA			8.37	3.14	(In) Exp-1 (In) P-1 (Out) Exp-2
S-111	CLSR789	130+04	-38.75	MANHOLE TYPE 7	3.5' DIA			9.78	5.00	(In) P-2 (Out) Exp-4
Z-116	CLSR789	131+65	-6.35	MANHOLE TYPE 7	3.5' DIA			19.79	6.00	(In) Exp-6 (Out) P-4
S-118	CLSR789	131+66	7.00	MANHOLE TYPE 7	3.5' DIA			14.78	2.36	(In) Exp-5 (In) Exp-16 (Out) Exp-7
Z-115	CLSR789	131+64	2.66	MANHOLE TYPE 7	3.5' DIA			19.79	6.10	(In) P-3 (Out) Exp-16
Z-119	CLSR789	131+66	-37.11	MANHOLE TYPE 7	3.5' DIA			19.79	9.49	(In) P-5 (Out) Exp-6
Z-121	CLSR789	133+06	-40.36	MANHOLE TYPE 7	3.5' DIA			16.74	12.80	(In) P-6 (Out) Exp-13
EX-0	CLSR789	125+63	274.40	MANHOLE TYPE 7	3.5' DIA			19.79	3.48	(In) Exp-17 (Out) Exp-18
Z-102	CLSR789	125+57	84.71	MANHOLE TYPE 7	3.5' DIA			19.79	4.10	(In) P-14 (Out) Exp-17

PIPE DATA									
Label	Number of Barrels	Length (Construction) (ft)	Size	Start Node (Station)	Start Invert (ft)	Stop Node (Station)	Stop Invert (ft)	Optional Pipe	
Exp-0	1	72.50	18 inch	S-106	3.61	S-105	2.76		
Exp-1	1	225.02	18 inch	S-105	2.76	S-109	3.14		
Exp-2	1	43.47	18 inch	S-109	3.14	EX-109	2.88		
Exp-3	1	81.44	24 inch	EX-109	2.91	S-112	2.80		
Exp-4	1	41.75	18 inch	S-111	6.07	S-112	6.00		
Exp-5	1	158.65	24 inch	S-112	2.80	S-118	2.60		
Exp-6	1	30.77	18 inch	Z-119	9.49	Z-116	6.93		
Exp-7	1	127.52	24 inch	S-118	2.60	S-120	2.20		
Exp-8	1	92.03	29x45 inch	EX-121	1.10	EX-122	0.90		
Exp-9	1	35.60	29x45 inch	S-120	2.20	S-121	2.10		
Exp-10	1	33.31	29x45 inch	S-121	2.10	EX-121	2.00		
Exp-11	1	154.33	29x45 inch	EX-122	0.90	EX-123	0.56		
Exp-13	1	7.24	18 inch	Z-121	13.48	S-121	12.80		
Exp-16	1	2.33	18 inch	Z-115	6.20	S-118	6.00		
Exp-17	1	187.83	18 inch	Z-102	4.20	EX-0	3.48		
Exp-18	1	241.42	18 inch	EX-0	3.48	S-3	3.00		
P-0	1	4.50	18 inch	S-104	2.90	S-105	2.76		
P-1	1	3.75	18 inch	S-108	3.20	S-109	3.14		
P-2	1	3.75	18 inch	S-110	6.10	S-111	6.07		
P-3	1	4.23	18 inch	S-113	6.50	Z-115	6.20		
P-4	1	2.78	18 inch	Z-116	6.93	S-113	6.60		
P-5	1	4.70	18 inch	S-119	9.60	Z-119	9.49		
P-6	1	21.56	18 inch	S-123	15.20	Z-121	13.48		
P-7	1	5.00	18 inch	S-107	3.70	S-106	3.60		
P-8	1	76.59	14x23 inch	S-103	4.40	S-102	4.30		
P-9	1	31.21	18 inch	S-101	3.00	S-102	2.90		
P-10	1	20.43	18 inch	S-124	16.50	S-123	15.20		
P-11	1	116.52	18 inch	S-101B	3.40	S-101	3.00		
P-12	1	28.96	18 inch	S-122	16.80	S-120	15.20		
P-13	1	23.02	18 inch	S-125	17.90	S-123	16.80		
P-14	1	3.17	18 inch	S-102	4.30	Z-102	4.20		





Label	Baseline Station	Baseline Offset	Baseline Elevation (ft)	Structure Type	Bottom Dimensions	FDOT Standard Plans Index	Notes	Remarks	Reference Point Elevation (ft)	Sump Elevation (ft)	-Pipe Label
EX-200	CLSR789 165+14	39.13		MEDIAN BARRIER TYPE 1					24.48	19.77	(In) EXP-1 (Out) EXP-0
S-200	CLSR789 165+12	-0.95		MEDIAN BARRIER TYPE 1					25.80	16.82	(In) EXP-1 (Out) EXP-0
S-201	CLSR789 165+44	1.55		MEDIAN BARRIER TYPE 1					24.32	15.78	(In) EXP-0 (Out) EXP-2
S-202	CLSR789 165+77	3.98		MEDIAN BARRIER TYPE 1					22.83	14.57	(In) EXP-3 (Out) EXP-4
EX-202	CLSR789 165+78	40.24		MEDIAN BARRIER TYPE 1					21.40	15.44	(Out) EXP-4
EX-203	CLSR789 165+52	40.08		MEDIAN BARRIER TYPE 1					22.64	16.67	(Out) EXP-2
Z-207	CLSR789 170+29	31.42		CURB INLET TYPE 5	3.5 x 3.5				9.52	-1.44	(In) EXP-11 (Out) EXP-10
Z-210	CLSR789 173+64	31.89		CURB INLET TYPE 5	3.5 x 3.5				6.79	1.68	(In) EXP-10 (Out) EXP-9
Z-212	CLSR789 174+95	31.93		CURB INLET TYPE 5	3.5 x 3.5				6.06	1.52	(In) EXP-16 (Out) EXP-8
Z-214	CLSR789 176+92	31.83		CURB INLET TYPE 5	3.5 x 3.5				4.70	0.13	(In) P-11 (Out) EXP-28
EX-17	CLSR789 174+97	-4.25		CURB INLET TYPE 7					6.81	1.74	(In) EXP-15 (Out) EXP-16
EX-18	CLSR789 176+27	-4.22		CURB INLET TYPE 7					6.95	2.01	(In) EXP-15 (Out) EXP-15
EX-19	CLSR789 176+93	-4.09		CURB INLET TYPE 7					5.52	0.01	(In) EXP-28 (Out) EXP-29
EX-20	CLSR789 177+42	-4.28		CURB INLET TYPE 7					5.23	-0.27	(In) EXP-31 (Out) EXP-31
EX-21	CLSR789 177+11	-60.79		DBI TYPE D					3.44	-0.80	(In) EXP-25 (In) EXP-30 (Out) EXP-26
Z-208	CLSR789 170+97	-60.45		DBI TYPE C					9.00	3.47	(Out) EXP-12
S-204	CLSR789 167+25	39.00		CURB INLET TYPE 5	3.5 x 3.5				16.08	8.28	(In) EXP-6 (Out) EXP-7
Z-203	CLSR789 167+10	-6.31		CURB INLET TYPE 5	3.5 x 3.5				19.79	8.73	(In) EXP-5 (Out) EXP-6
Z-203A	CLSR789 167+25	6.48		CURB INLET TYPE 5	3.5 x 3.5				19.79	8.50	(In) P-2 (Out) EXP-6
S-203	CLSR789 167+25	-8.06		CURB INLET TYPE 5	3.5 x 3.5				19.79	8.58	(In) P-6 (Out) P-2
S-205	CLSR789 168+22	41.00		CURB INLET TYPE 5	3.5 x 3.5				13.19	4.47	(In) EXP-7 (In) EXP-32 (Out) EXP-8
S-207	CLSR789 170+29	43.00		CURB INLET TYPE 5	3.5 x 3.5				8.92	2.70	(In) P-10 (Out) EXP-13
S-210	CLSR789 173+64	44.25		CURB INLET TYPE 5	3.5 x 3.5				6.24	1.68	(In) P-9 (Out) EXP-33
S-208	CLSR789 170+36	-6.25		CURB INLET TYPE 5	3.5 x 3.5				10.73	2.90	(In) EXP-12 (Out) EXP-11
S-206	CLSR789 168+60	2.65		MEDIAN BARRIER TYPE 1					13.44	6.10	(Out) EXP-32
S-209	CLSR789 172+00	-6.25		CURB INLET TYPE 5	3.5 x 3.5				18.06	2.08	(Out) EXP-18
S-211	CLSR789 173+64	-8.60		CURB INLET TYPE 5	3.5 x 3.5				8.11	1.99	(Out) EXP-14
S-212	CLSR789 174+94	45.00		CURB INLET TYPE 5	3.5 x 3.5				5.35	1.06	(In) P-8 (Out) P-1
S-214	CLSR789 176+92	45.00		CURB INLET TYPE 5	3.5 x 3.5				4.60	-1.20	(In) P-14 (Out) P-11
S-216	CLSR789 177+65	45.00		CURB INLET TYPE 5	3.5 x 3.5				3.39	-1.00	(Out) P-14
S-217	CLSR789 177+65	-47.00		CURB INLET TYPE 5	3.5 x 3.5				4.61	-1.00	(Out) P-15
Z-218A	CLSR789 178+20	-50.36		MANHOLE TYPE 7	3.5 DIA				19.79	-0.77	(In) P-12 (Out) EXP-25
Z-218B	CLSR789 178+33	-48.42		CURB INLET TYPE 5	3.5 x 3.5				0.00	-3.28	(In) EXP-10 (Out) P-12
S-222	CLSR789 179+51	-115.79		CURB INLET TYPE 5	3.5 x 3.5				4.31	0.20	(Out) P-12
S-220	CLSR789 178+96	-141.47		CURB INLET TYPE 5	3.5 x 3.5				4.06	-0.10	(In) P-16 (In) EXP-20 (Out) EXP-23
S-222A	CLSR789 179+52	-53.92		CURB INLET TYPE 5	3.5 x 3.5				4.74	0.00	(Out) P-22A
S-226	CLSR789 184+20	-41.00		CURB INLET TYPE 5	3.5 x 3.5				3.92	0.00	(Out) P-17
S-225	CLSR789 184+20	44.25		CURB INLET TYPE 5	3.5 x 3.5				3.82	-1.00	(Out) P-18
S-224	CLSR789 182+40	-46.75		CURB INLET TYPE 5	3.5 x 3.5				4.38	-2.00	(Out) P-19
S-223	CLSR789 181+90	51.50		CURB INLET TYPE 5	3.5 x 3.5				4.55	0.00	(Out) P-20
S-219	CLSR789 178+85	81.52		CURB INLET TYPE 5	3.5 x 3.5				4.02	-1.00	(In) P-13 (Out) P-21
S-221	CLSR789 179+22	81.44		CURB INLET TYPE 5	3.5 x 3.5				4.25	-1.00	(Out) P-13

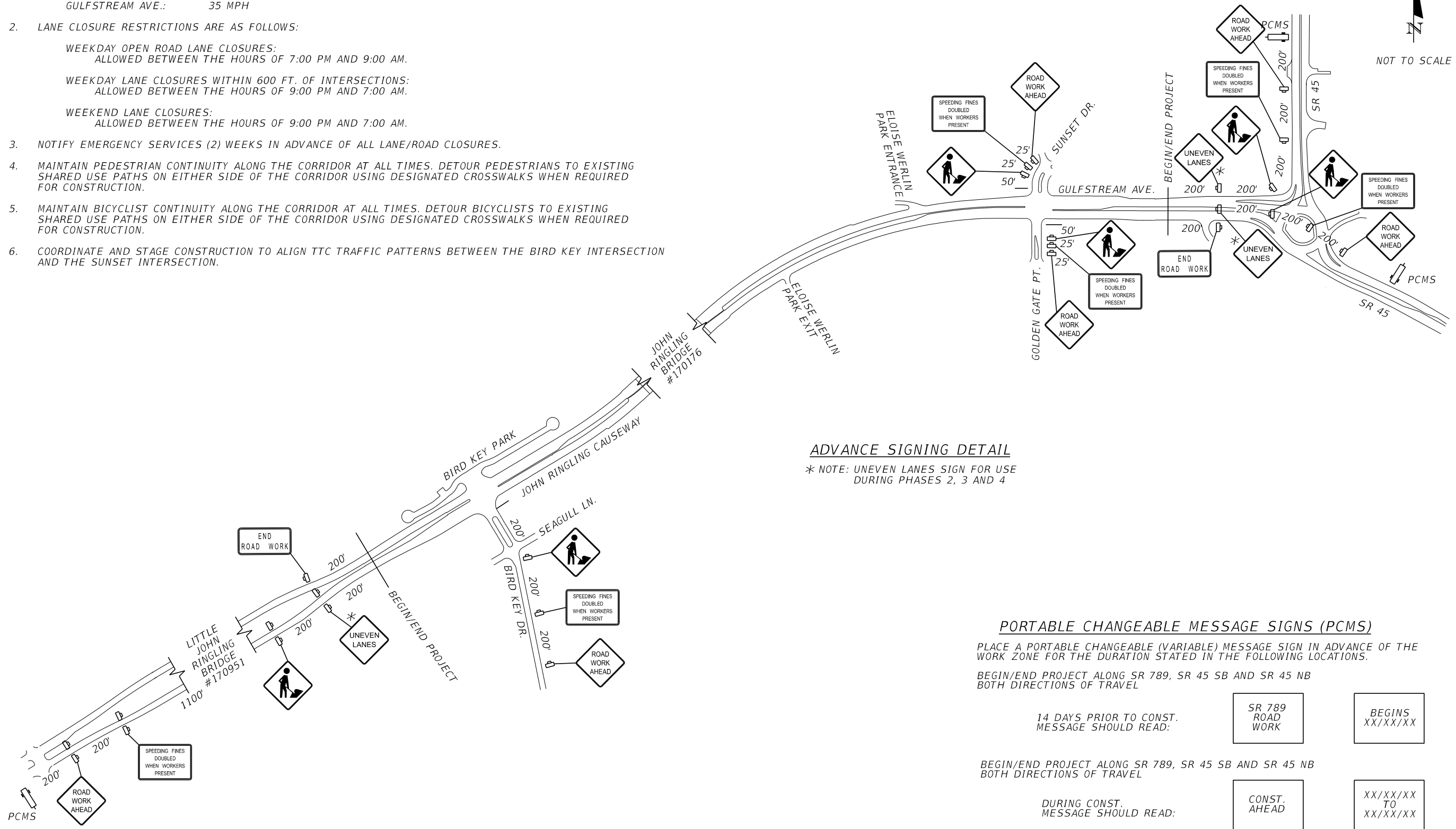


Label	Number of Barrels	Length (ft)	Size	Start Invert (ft)	Start Invert (ft)	Stop Invert (ft)	Stop Invert (ft)	Optional Pipe
EXP-0	1	28.68	24 inch	S-200	12.41	S-201	16.36	
EXP-1	1	37.70	24 inch	EX-200	19.77	S-201	17.41	
EXP-2	1	36.81	18 inch	EX-201	16.67	S-201	16.67	
EXP-3	1	28.73	36 inch	S-201	16.97	S-202	14.62	
EXP-4	1	33.86	18 inch	EX-202	15.44	S-202	14.57	
EXP-5	1	131.10	36 inch	S-202	14.57	S-203	8.00	
EXP-6	1	28.77	36 inch	Z-203A	8.50	S-204	8.28	
EXP-7	1	91.67	36 inch	S-204	8.28	S-205	4.47	
EXP-8	1	23.88	36 inch	S-205	4.66	EX-24	4.36	
EXP-9	1	209.81	36 inch	EX-24	3.33	S-2	2.47	
EXP-10	1	31.95	30 inch	EX-218	-0.75	Z-218B	-0.73	
EXP-11	1	35.77	18 inch	S-208	2.91	Z-207	2.80	
EXP-12	1	77.37	14x23 inch	Z-208	3.74	S-208	2.91	
EXP-13	1	50.45	18 inch	S-207	2.70	S-3	2.47	
EXP-14	1	160.96	18 inch	S-209	2.08	S-211	2.91	
EXP-15	1	126.37	18 inch	EX-18	2.01	EX-17	1.81	
EXP-16	1	36.75	14x23 inch	EX-17	1.74	Z-212	1.77	
EXP-18	1	37.49	14x23 inch	S-211	1.99	Z-210	1.68	
EXP-19	1	83.34	18 inch	EX-25	-6.12	EX-218	-0.41	
EXP-20	1	81.88	18 inch	EX-30	0.00	S-230	-0.10	
EXP-21	1	89.51	18 inch	EX-226	0.60	EX-225	-1.35	
EXP-22	1	78.62	18 inch	EX-24	-6.12	EX-218	-0.71	
EXP-23	1	98.81	18 inch	S-220	-0.10	EX-218	-0.37	
EXP-24	1	15.10	24 inch	EX-225	-1.35	S-28	-1.30	
EXP-25	1	111.67	30 inch	Z-218A	-0.77	EX-21	-0.21	
EXP-26	1	180.40	30 inch	EX-21	-0.80	EX-33	-1.67	
EXP-27	1	207.78	30 inch	EX-33	-1.94	S-5	-2.07	
EXP-28	1	36.42	18 inch	Z-214	0.13	EX-19	0.01	
EXP-29	1	43.71	18 inch	EX-19	0.03	EX-215	-0.16	
EXP-30	1	159.93	18 inch	EX-215	-0.30	EX-21	0.20	
EXP-31	1	45.63	18 inch	EX-20	-0.37	EX-19	0.08	
EXP-32	1	46.10	18 inch	S-206	6.10	S-205	5.70	
P-1	1	39.11	14x23 inch	S-210	1.68	S-0	1.76	
P-2	1	32.80	14x23 inch	S-212	1.77	S-211	1.57	
P-3	1	12.79	36 inch	S-203	8.58	Z-203A	8.50	
P-6	1	12.55	36 inch	Z-203	9.00	S-203	8.73	
P-8	1	12.89	14x23 inch	S-212	1.77	S-210	1.70	
P-9	1	11.87	14x23 inch	Z-210	1.88	S-210	1.70	
P-10	1	10.81	18 inch	Z-207	2.80	S-207	2.30	
P-11	1	12.67	18 inch	S-214	0.20	Z-214	0.13	
P-12	1	13.39	30 inch	Z-218B	-0.73	Z-218A	-0.77	
P-13	1	36.85	18 inch	S-211	0.30	S-219	0.20	
P-14	1	67.57	18 inch	S-216	-1.00	S-214	-1.20	
P-15	1	58.63	18 inch	S-217	0.40	EX-215	-0.30	
P-16	1	56.86	18 inch	S-222	0.20	S-220	-0.10	
P-17	1	52.49	18 inch	S-226	0.00	EX-226	-0.36	
P-18	1	52.36	18 inch	S-225	-1.00	EX-225	-1.35	
P-19	1	120.28	18 inch	S-224	0.00	EX-226	-0.36	
P-20	1	170.69	18 inch	S-223	0.00	EX-225	-1.35	
P-21	1	171.19	18 inch	S-219	0.30	EX-25	-0.10	
P-22A	1	26.90	18 inch	S-222A	0.00	EX-24	-0.10	

Label	Baseline Station	Baseline Offset	Baseline Elevation (ft)	Structure Type	Bottom Dimensions	FDOT Standard Plans Index	Notes	Remarks	Reference Point Elevation (ft)	Sump Elevation (ft)	-Pipe Label
EX-215	CLSR789 177+05	-51.54		MANHOLE TYPE 7	3.5 DIA				6.68	-0.30	(In) P-15 (Out) EXP-30
EX-218	CLSR789 178+66	-43.60		MANHOLE TYPE 7	3.5 DIA			4.90	-0.75	(In) EXP-19 (In) EXP-22 (Out) EXP-23 (Out) EXP-10	
EX-24	CLSR789 179+47	-43.45		MANHOLE TYPE 7	3.5 DIA			3.50	-0.40	(Out) EXP-22	
EX-30	CLSR789 178+22	-223.40		MANHOLE TYPE 7	3.5 DIA			3.30	-2.00	(Out) EXP-20	
EX-33	CLSR789 175+34	-81.22		MANHOLE TYPE 7	3.5 DIA			5.05	-1.94	(Out) EXP-26	
EX-34	CLSR789 168+23	69.68		MANHOLE TYPE 7	3.5 DIA			12.09	3.33	(Out) EXP-27	
EX-25	CLSR789 178+61	43.27		MANHOLE TYPE 7	3.5 DIA			4.44	-1.10	(In) EXP-8 (Out) EXP-9	
EX-225	CLSR789 183+64	49.33		MANHOLE TYPE 7	3.5 DIA			3.75	-1.35	(In) P-21 (In) EXP-21 (In) P-18 (Out) EXP-24	
EX-226	CLSR789 183+64	-43.68		MANHOLE TYPE 7	3.5 DIA			3.81	-1.35	(In) P-17 (In) P-19 (Out) EXP-21	

GENERAL NOTES

- THE FOLLOWING EXISTING POSTED SPEED LIMIT REMAINS IN EFFECT FOR THE DURATION OF CONSTRUCTION.
 JOHN RINGLING CSWY.: 35 MPH
 GULFSTREAM AVE.: 35 MPH
- LANE CLOSURE RESTRICTIONS ARE AS FOLLOWS:
 WEEKDAY OPEN ROAD LANE CLOSURES:
 ALLOWED BETWEEN THE HOURS OF 7:00 PM AND 9:00 AM.
 WEEKDAY LANE CLOSURES WITHIN 600 FT. OF INTERSECTIONS:
 ALLOWED BETWEEN THE HOURS OF 9:00 PM AND 7:00 AM.
 WEEKEND LANE CLOSURES:
 ALLOWED BETWEEN THE HOURS OF 9:00 PM AND 7:00 AM.
- NOTIFY EMERGENCY SERVICES (2) WEEKS IN ADVANCE OF ALL LANE/ROAD CLOSURES.
- MAINTAIN PEDESTRIAN CONTINUITY ALONG THE CORRIDOR AT ALL TIMES. DETOUR PEDESTRIANS TO EXISTING SHARED USE PATHS ON EITHER SIDE OF THE CORRIDOR USING DESIGNATED CROSSWALKS WHEN REQUIRED FOR CONSTRUCTION.
- MAINTAIN BICYCLIST CONTINUITY ALONG THE CORRIDOR AT ALL TIMES. DETOUR BICYCLISTS TO EXISTING SHARED USE PATHS ON EITHER SIDE OF THE CORRIDOR USING DESIGNATED CROSSWALKS WHEN REQUIRED FOR CONSTRUCTION.
- COORDINATE AND STAGE CONSTRUCTION TO ALIGN TTC TRAFFIC PATTERNS BETWEEN THE BIRD KEY INTERSECTION AND THE SUNSET INTERSECTION.



PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS)
 PLACE A PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN IN ADVANCE OF THE WORK ZONE FOR THE DURATION STATED IN THE FOLLOWING LOCATIONS.

BEGIN/END PROJECT ALONG SR 789, SR 45 SB AND SR 45 NB BOTH DIRECTIONS OF TRAVEL

14 DAYS PRIOR TO CONST. MESSAGE SHOULD READ:	SR 789 ROAD WORK	BEGINS XX/XX/XX
---	------------------------	--------------------

BEGIN/END PROJECT ALONG SR 789, SR 45 SB AND SR 45 NB BOTH DIRECTIONS OF TRAVEL

DURING CONST. MESSAGE SHOULD READ:	CONST. AHEAD	XX/XX/XX TO XX/XX/XX
---------------------------------------	-----------------	----------------------------

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TTCP GENERAL NOTES/DETAILS	SHEET NO. 16
DATE	DESCRIPTION	DATE	DESCRIPTION	GARY J. NADEAU, P.E. LICENSE NUMBER: 49629 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 789	SARASOTA	445926-2-52-01		

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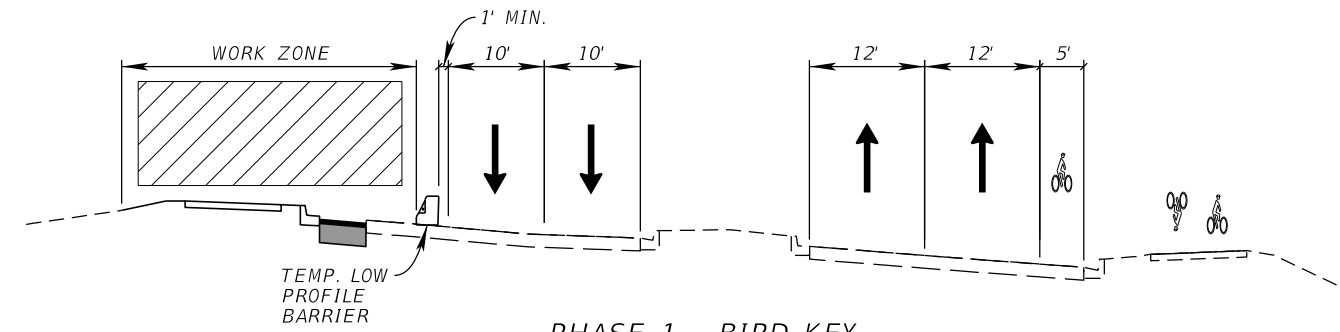
PHASING NOTES

PHASE 1 - BIRD KEY

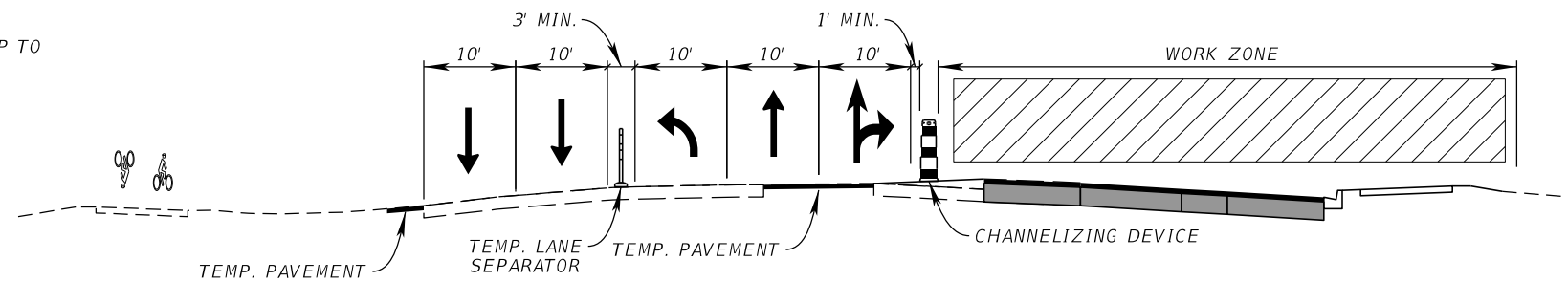
1. PLACE ADVANCE WARNING TRAFFIC CONTROL SIGNS AND DEVICES ACCORDING TO PLANS.
2. PLACE WORK ZONE SIGNS, CHANNELIZING DEVICES AND/OR LOW PROFILE BARRIERS AND TEMPORARY PAVEMENT MARKINGS PER PLANS UTILIZING INDEX 102-607. PLACE DETOUR SIGNS AND DEVICES FOR CLOSURE OF BIKE LANE AND SHARED USE PATH. SHIFT TRAFFIC AND DETOUR BICYCLISTS/PEDESTRIANS PER PLANS.
3. CONSTRUCT DRAINAGE, LIGHTING, SIGNALIZATION, CURB AND GUTTER, ROADWAY WIDENING COMPONENTS UP TO ASPHALT STRUCTURAL COURSE, SHARED USE PATH AND SIGNS.

PHASE 2 - BIRD KEY

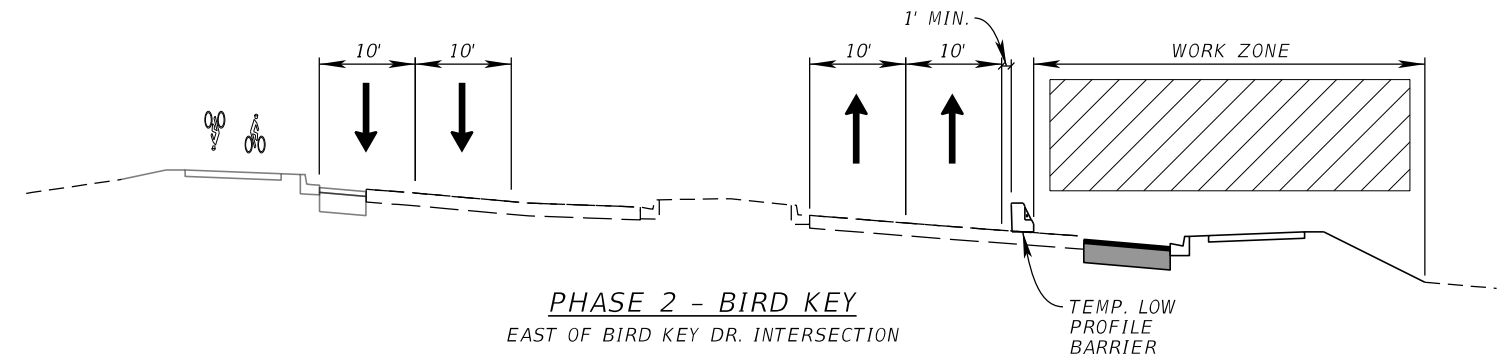
1. ADJUST ADVANCE WARNING TRAFFIC CONTROL SIGNS AND DEVICES ACCORDING TO PLANS WHERE REQUIRED.
2. INSTALL TEMPORARY SIGNAL PER PLANS. PLACE WORK ZONE SIGNS, CHANNELIZING DEVICES AND/OR LOW PROFILE BARRIERS AND TEMPORARY PAVEMENT MARKINGS PER PLANS UTILIZING INDEX 102-607. PLACE DETOUR SIGNS AND DEVICES FOR CLOSURE OF BIKE LANE AND SHARED USE PATH. SWITCH INTERSECTION OPERATION OVER TO TEMPORARY SIGNAL. SHIFT TRAFFIC AND DETOUR BICYCLISTS/PEDESTRIANS PER PLANS.
3. CONSTRUCT DRAINAGE, LIGHTING, SIGNALIZATION, CURB AND GUTTER, ROADWAY WIDENING COMPONENTS UP TO ASPHALT STRUCTURAL COURSE, SHARED USE PATH AND SIGNS. UTILIZED SINGLE LANE CLOSURE DURING DESIGNATED HOURS FOR PLACEMENT OF OVERBUILD TO TIE TO EXISTING AT BEGIN CONSTRUCTION.



PHASE 1 - BIRD KEY
EAST OF BIRD KEY DR. INTERSECTION



PHASE 2 - BIRD KEY
WEST OF BIRD KEY DR. INTERSECTION



PHASE 2 - BIRD KEY
EAST OF BIRD KEY DR. INTERSECTION

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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TTCP BIRD KEY - TYPICALS (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	GARY J. NADEAU, P.E. LICENSE NUMBER: 49629 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 789	SARASOTA	445926-2-52-01		17

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PHASING NOTES

PHASE 3A - BIRD KEY

- ADJUST ADVANCE WARNING TRAFFIC CONTROL SIGNS AND DEVICES ACCORDING TO PLANS WHERE REQUIRED.
- PLACE WORK ZONE SIGNS, CHANNELIZING DEVICES AND/OR LOW PROFILE BARRIERS AND TEMPORARY PAVEMENT MARKINGS PER PLANS UTILIZING INDEX 102-607. ADJUST TEMPORARY SIGNAL HEADS. SHARED USE PATH TO REMAIN OPEN ON BOTH SIDES OF THE CORRIDOR. PLACE DETOUR SIGNS AND DEVICES FOR CLOSURE OF BIKE LANES.
- CONSTRUCT DRAINAGE, LIGHTING, CURB AND GUTTER, ROADWAY COMPONENTS UP TO ASPHALT STRUCTURAL COURSE. DO NOT CONSTRUCT TRAFFIC SEPARATOR AT THIS TIME. UTILIZED SINGLE LANE CLOSURE DURING DESIGNATED HOURS FOR PLACEMENT OF OVERBUILD TO TIE TO EXISTING AT BEGIN CONSTRUCTION.

PHASE 3B - BIRD KEY

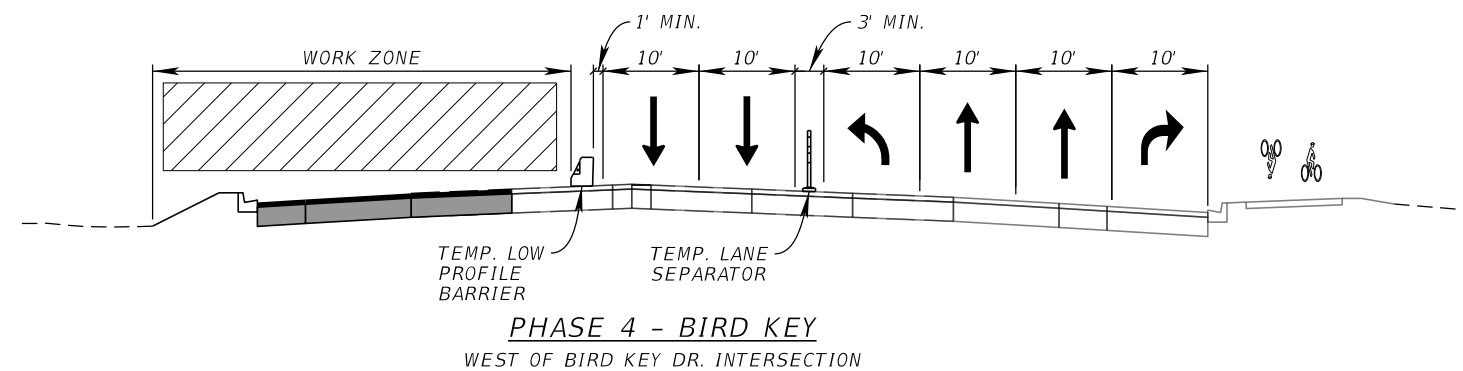
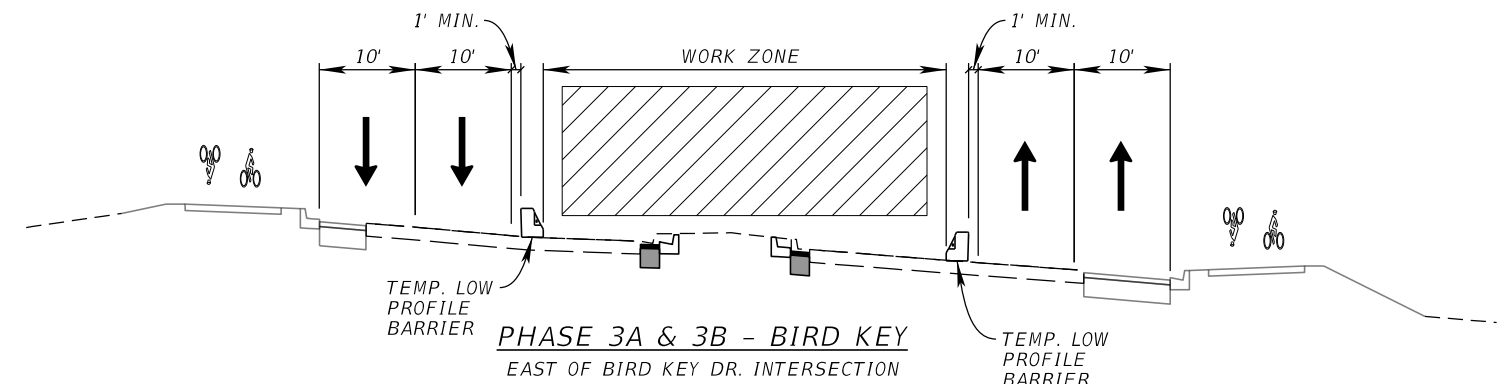
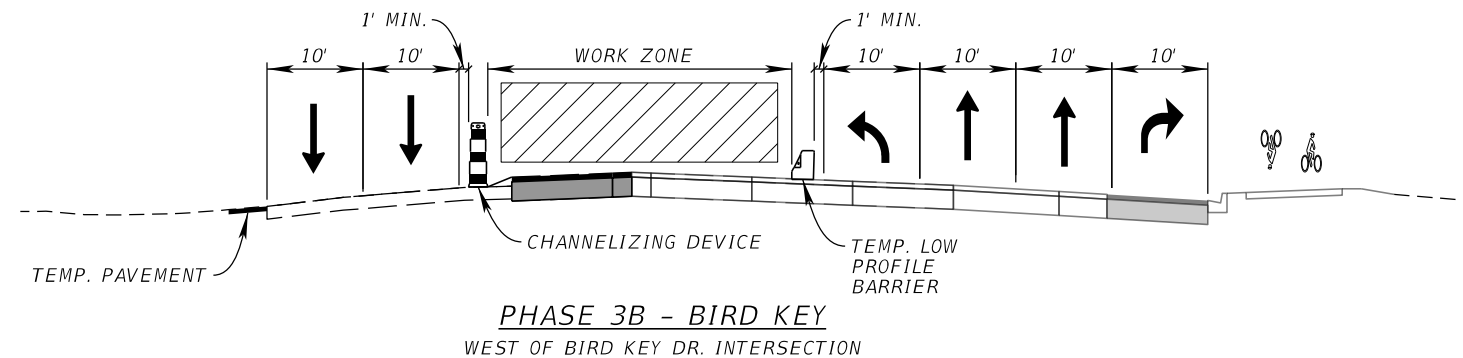
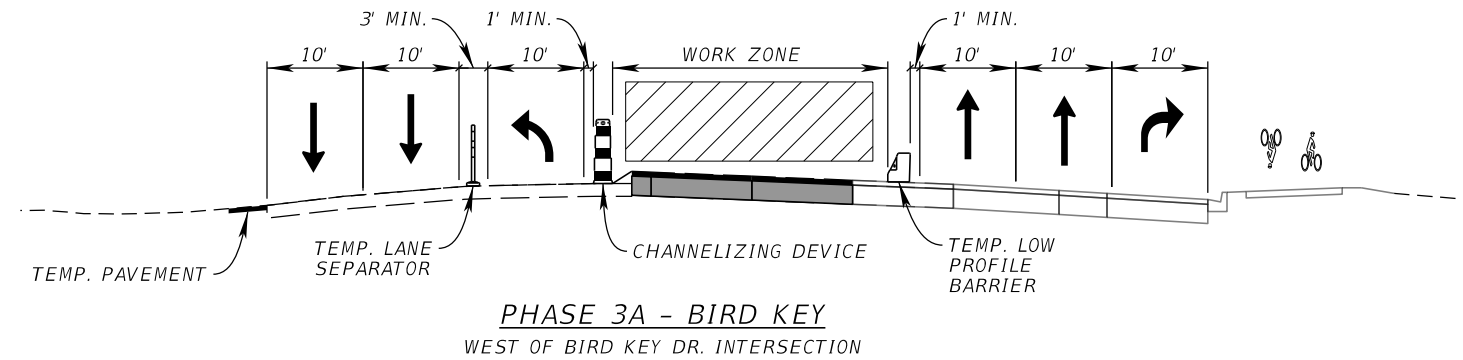
- ADJUST ADVANCE WARNING TRAFFIC CONTROL SIGNS AND DEVICES ACCORDING TO PLANS WHERE REQUIRED.
- PLACE WORK ZONE SIGNS, CHANNELIZING DEVICES AND/OR LOW PROFILE BARRIERS AND TEMPORARY PAVEMENT MARKINGS PER PLANS UTILIZING INDEX 102-607. ADJUST TEMPORARY SIGNAL HEADS. SHARED USE PATH TO REMAIN OPEN ON BOTH SIDES OF THE CORRIDOR. ADJUST DETOUR SIGNS AND DEVICES FOR CLOSURE OF BIKE LANES WHERE REQUIRED.
- CONSTRUCT ROADWAY COMPONENTS UP TO ASPHALT STRUCTURAL COURSE. DO NOT CONSTRUCT TRAFFIC SEPARATOR AT THIS TIME. UTILIZED SINGLE LANE CLOSURE DURING DESIGNATED HOURS FOR PLACEMENT OF OVERBUILD TO TIE TO EXISTING AT BEGIN CONSTRUCTION.

PHASE 4 - BIRD KEY

- ADJUST ADVANCE WARNING TRAFFIC CONTROL SIGNS AND DEVICES ACCORDING TO PLANS WHERE REQUIRED.
- PLACE WORK ZONE SIGNS, CHANNELIZING DEVICES AND/OR LOW PROFILE BARRIERS AND TEMPORARY PAVEMENT MARKINGS PER PLANS UTILIZING INDEX 102-607. ADJUST TEMPORARY SIGNAL HEADS. SHARED USE PATH TO REMAIN OPEN ON BOTH SIDES OF THE CORRIDOR. ADJUST DETOUR SIGNS AND DEVICES FOR CLOSURE OF BIKE LANES WHERE REQUIRED.
- CONSTRUCT DRAINAGE, SIGNALIZATION, CURB AND GUTTER, ROADWAY COMPONENTS UP TO ASPHALT STRUCTURAL COURSE. DO NOT CONSTRUCT TRAFFIC SEPARATOR AT THIS TIME. UTILIZED SINGLE LANE CLOSURE DURING DESIGNATED HOURS FOR PLACEMENT OF OVERBUILD TO TIE TO EXISTING AT BEGIN CONSTRUCTION.

PHASE 5 - BIRD KEY

- ADJUST ADVANCE WARNING TRAFFIC CONTROL SIGNS AND DEVICES ACCORDING TO PLANS WHERE REQUIRED.
- PLACE WORK ZONE SIGNS, CHANNELIZING DEVICES, AND TEMPORARY PAVEMENT MARKINGS PER PLANS UTILIZING INDEX 102-607. SHARED USE PATH TO REMAIN OPEN ON BOTH SIDES OF THE CORRIDOR. ADJUST DETOUR SIGNS AND DEVICES FOR CLOSURE OF BIKE LANES WHERE REQUIRED.
- CONSTRUCT TRAFFIC SEPARATOR AND ANY REMAINING MEDIAN WORK. MILL AND/OR RESURFACE WITH FRICTION COURSE ENTIRE ROADWAY PER PLANS UTILIZED SINGLE LANE CLOSURE DURING DESIGNATED HOURS.
- APPLY PAINTED PAVEMENT MARKINGS PER FINAL SIGNING AND MARKING PLANS. AFTER CURING DURATION OF PAVEMENT IS ACHIEVED BY SPECIFICATIONS PLACE FINAL THERMOPLASTIC MARKINGS.



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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	GARY J. NADEAU, P.E. LICENSE NUMBER: 49629 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 789	SARASOTA	445926-2-52-01	18

TTCP BIRD KEY - TYPICALS (2)

PHASING NOTES

PHASE 1 - SUNSET

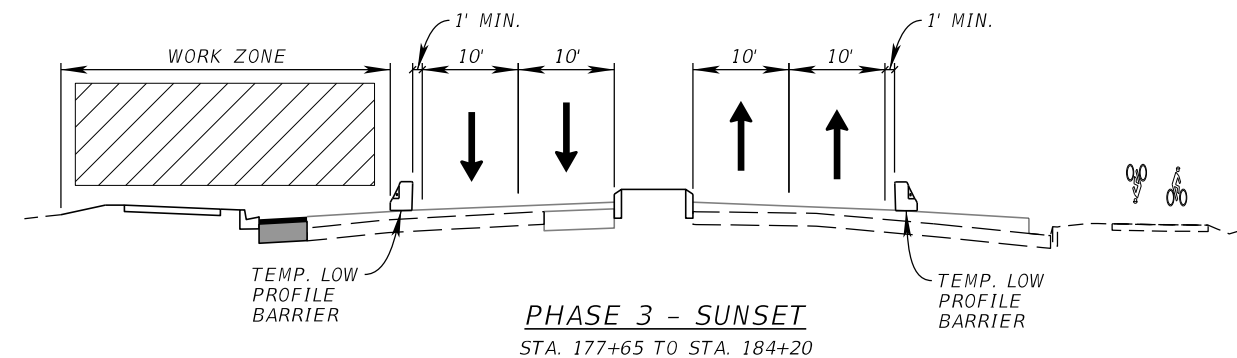
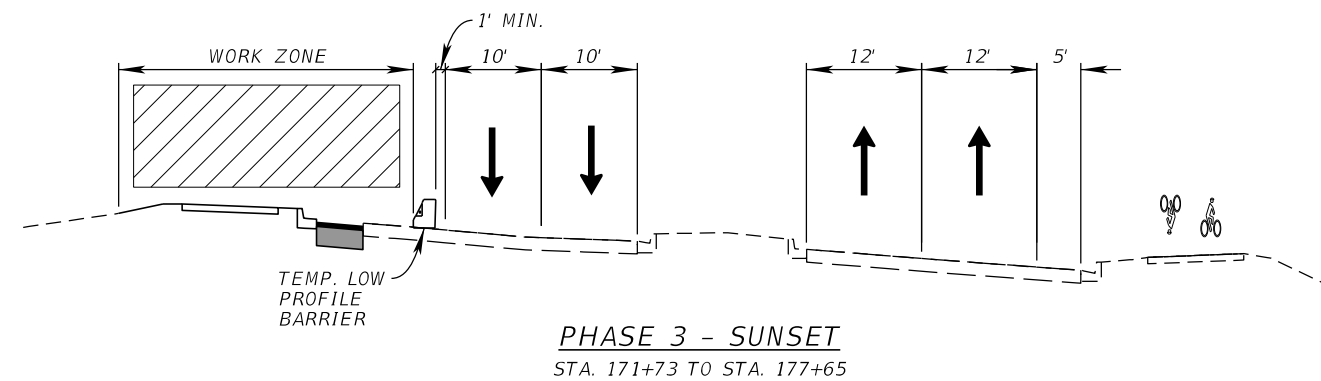
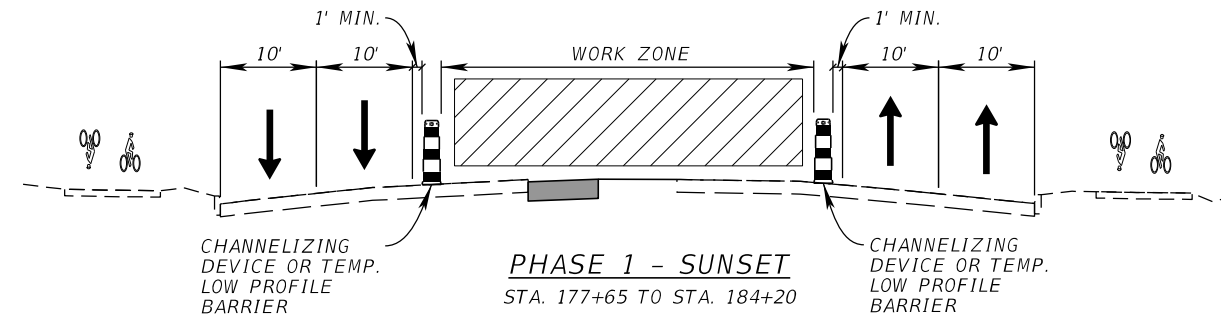
1. PLACE ADVANCE WARNING TRAFFIC CONTROL SIGNS AND DEVICES ACCORDING TO PLANS.
2. PLACE WORK ZONE SIGNS, CHANNELIZING DEVICES AND/OR LOW PROFILE BARRIERS AND TEMPORARY PAVEMENT MARKINGS PER PLANS UTILIZING INDEX 102-607. ADJUST SIGNAL HEAD PLACEMENT TO ACCOMMODATE NEW LANE CONFIGURATION. PLACE DETOUR SIGNS AND DEVICES FOR CLOSURE OF BIKE LANE AND SHARED USE PATH. SHIFT TRAFFIC AND DETOUR BICYCLISTS PER PLANS.
3. REMOVE EXISTING MEDIAN AND TRAFFIC SEPARATOR. CONSTRUCT BASE COURSE IN AREAS OF WIDENING.

PHASE 2 - SUNSET (INTENT: PLACE OVERBUILD USING A SINGLE LANE CLOSURE DURING DESIGNATED HOURS)

1. ADJUST ADVANCE WARNING TRAFFIC CONTROL SIGNS AND DEVICES ACCORDING TO PLANS WHERE REQUIRED.
2. PLACE WORK ZONE SIGNS, CHANNELIZING DEVICES AND TEMPORARY PAVEMENT MARKINGS PER PLANS UTILIZING INDEX 102-607. CLOSE SUNSET DR. ACCESS AND DETOUR TRAFFIC TO ENTRANCE ON SR 45. CLOSURE TO REMAIN UNTIL PHASE 3 CONSTRUCTION IS COMPLETE. GOLDEN GATE PT. ACCESS TO REMAIN OPEN BY PLACING OVERBUILD IN UNISON WITH THE MAINLINE. PLACE DETOUR SIGNS AND DEVICES FOR CLOSURE OF BIKE LANE AND SHARED USE PATH. SHIFT TRAFFIC AND DETOUR BICYCLISTS PER PLANS.
3. PLACE OVERBUILD SO THAT WHEN OPENED TO TRAFFIC AT THE END OF THE SHIFT THERE IS NO MORE THAN A 1.5" DROP OFF WITHIN THE CLEAR ZONE. PROTECT DROP OFF AREAS OF MORE THAT 1.5" WITH LOW PROFILE BARRIER.

PHASE 3 - SUNSET

1. ADJUST ADVANCE WARNING TRAFFIC CONTROL SIGNS AND DEVICES ACCORDING TO PLANS WHERE REQUIRED.
2. PLACE WORK ZONE SIGNS, CHANNELIZING DEVICES AND/OR LOW PROFILE BARRIERS AND TEMPORARY PAVEMENT MARKINGS PER PLANS UTILIZING INDEX 102-607. ADJUST SIGNAL HEAD PLACEMENT TO ACCOMMODATE NEW LANE CONFIGURATION. PLACE DETOUR SIGNS AND DEVICES FOR CLOSURE OF BIKE LANE AND SHARED USE PATH. SHIFT TRAFFIC AND DETOUR BICYCLISTS/PEDESTRIANS PER PLANS.
3. CONSTRUCT DRAINAGE, LIGHTING, SIGNALIZATION, CURB AND GUTTER, ROADWAY WIDENING COMPONENTS UP TO ASPHALT STRUCTURAL COURSE, SHARED USE PATH AND SIGNS. UTILIZED SINGLE LANE CLOSURE DURING DESIGNATED HOURS FOR PLACEMENT OF OVERBUILD TO TIE TO EXISTING AT BEGIN CONSTRUCTION.



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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	GARY J. NADEAU, P.E. LICENSE NUMBER: 49629 KIMLEY-HORN AND ASSOCIATES, INC. 1800 SECOND STREET, SUITE 900 SARASOTA, FL 34236			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 789	SARASOTA	445926-2-52-01	TTCP SUNSET - TYPICALS (1) 19

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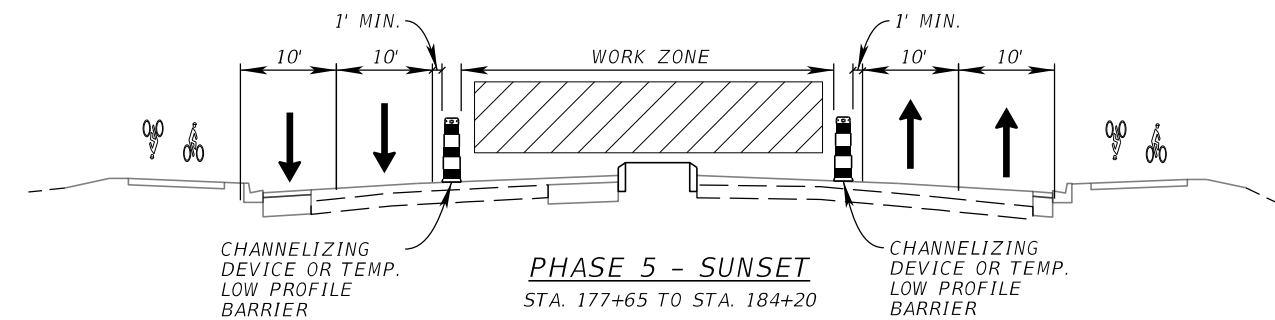
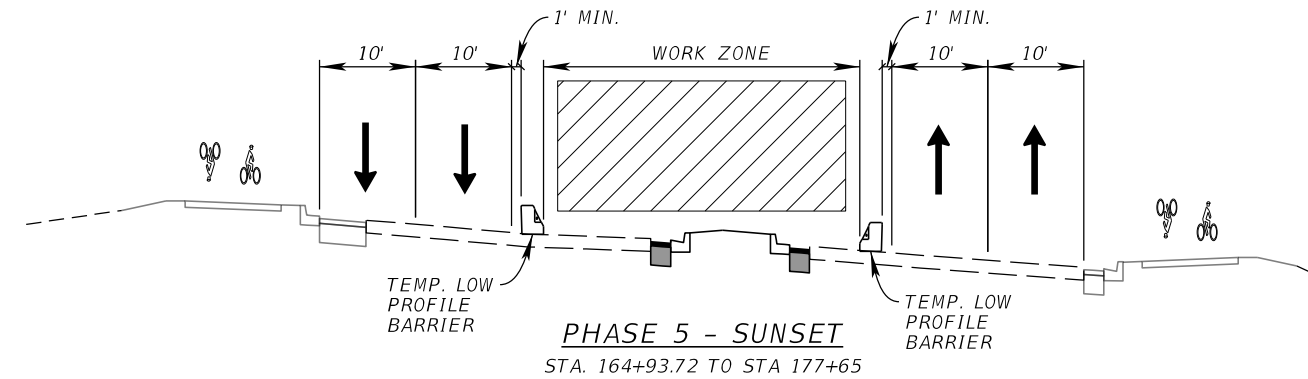
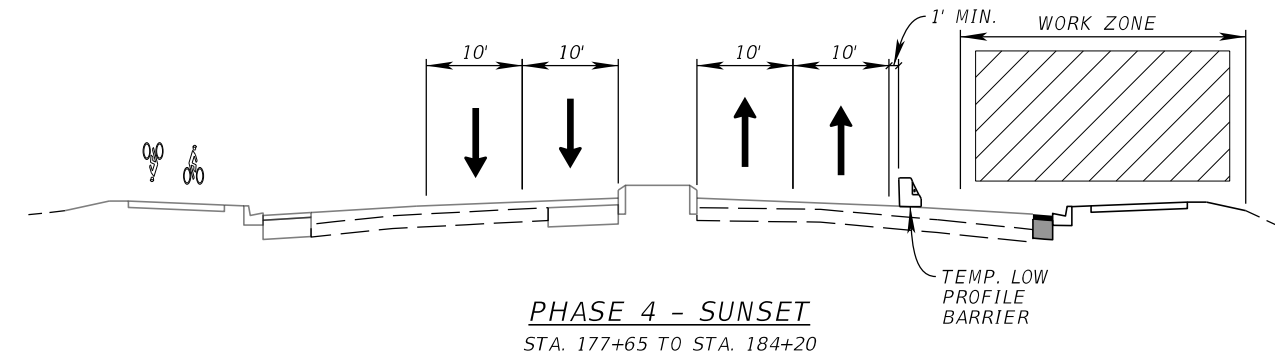
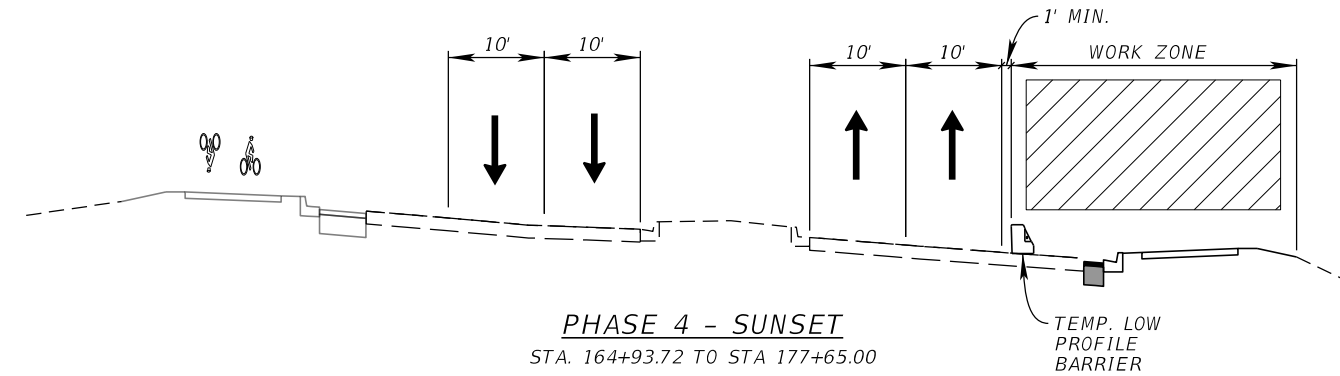
PHASING NOTES

PHASE 4 - SUNSET

- ADJUST ADVANCE WARNING TRAFFIC CONTROL SIGNS AND DEVICES ACCORDING TO PLANS WHERE REQUIRED.
- PLACE WORK ZONE SIGNS, CHANNELIZING DEVICES AND/OR LOW PROFILE BARRIERS AND TEMPORARY PAVEMENT MARKINGS PER PLANS UTILIZING INDEX 102-607. ADJUST SIGNAL HEAD PLACEMENT TO ACCOMMODATE NEW LANE CONFIGURATION. PLACE DETOUR SIGNS AND DEVICES FOR CLOSURE OF BIKE LANE AND SHARED USE PATH. SHIFT TRAFFIC AND DETOUR BICYCLISTS/PEDESTRIANS PER PLANS.
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PHASE 5 - SUNSET

- ADJUST ADVANCE WARNING TRAFFIC CONTROL SIGNS AND DEVICES ACCORDING TO PLANS WHERE REQUIRED.
- PLACE WORK ZONE SIGNS, CHANNELIZING DEVICES, AND TEMPORARY PAVEMENT MARKINGS PER PLANS UTILIZING INDEX 102-607. SHARED USE PATH TO REMAIN OPEN ON BOTH SIDES OF THE CORRIDOR. ADJUST DETOUR SIGNS AND DEVICES FOR CLOSURE OF BIKE LANES WHERE REQUIRED.
- CONSTRUCT TRAFFIC SEPARATOR AND ANY REMAINING MEDIAN WORK. MILL AND/OR RESURFACE WITH FRICTION COURSE ENTIRE ROADWAY PER PLANS UTILIZING A SINGLE LANE CLOSURE DURING DESIGNATED HOURS.
- APPLY PAINTED PAVEMENT MARKINGS PER FINAL SIGNING AND MARKING PLANS. AFTER CURING DURATION OF PAVEMENT IS ACHIEVED BY SPECIFICATIONS PLACE FINAL THERMOPLASTIC MARKINGS.



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 GARY J. NADEAU, P.E.
 LICENSE NUMBER: 49629
 KIMLEY-HORN AND ASSOCIATES, INC.
 1800 SECOND STREET, SUITE 900
 SARASOTA, FL 34236

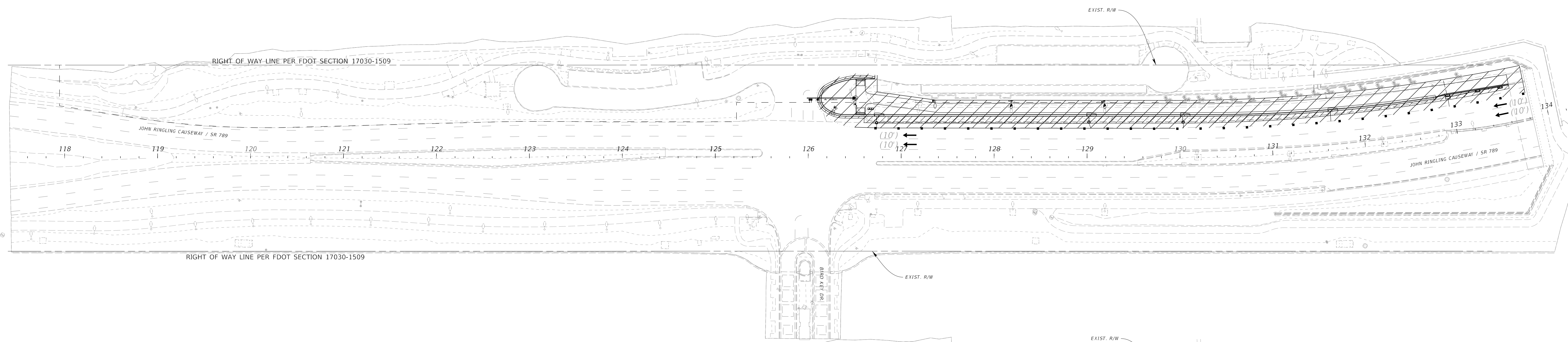
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 789	SARASOTA	445926-2-52-01

TTCP SUNSET - TYPICALS (2)

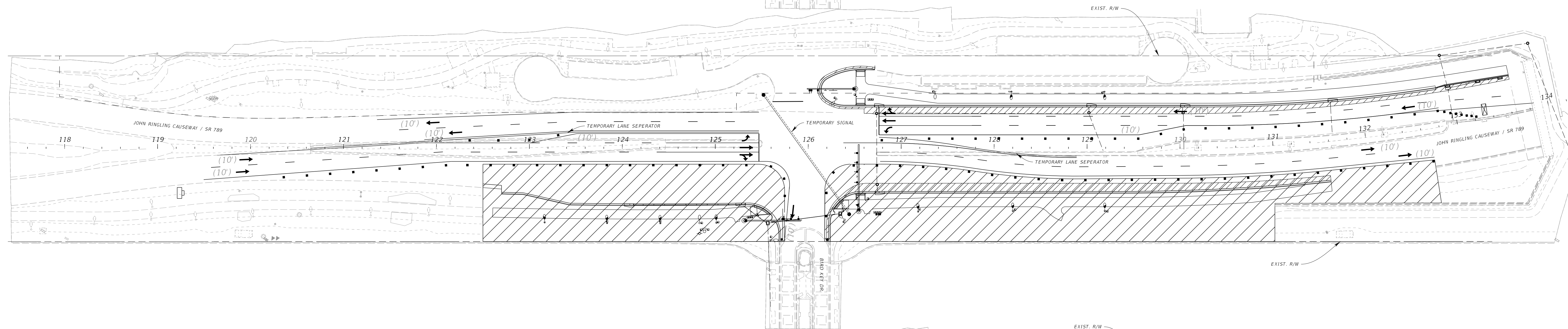
SHEET NO.
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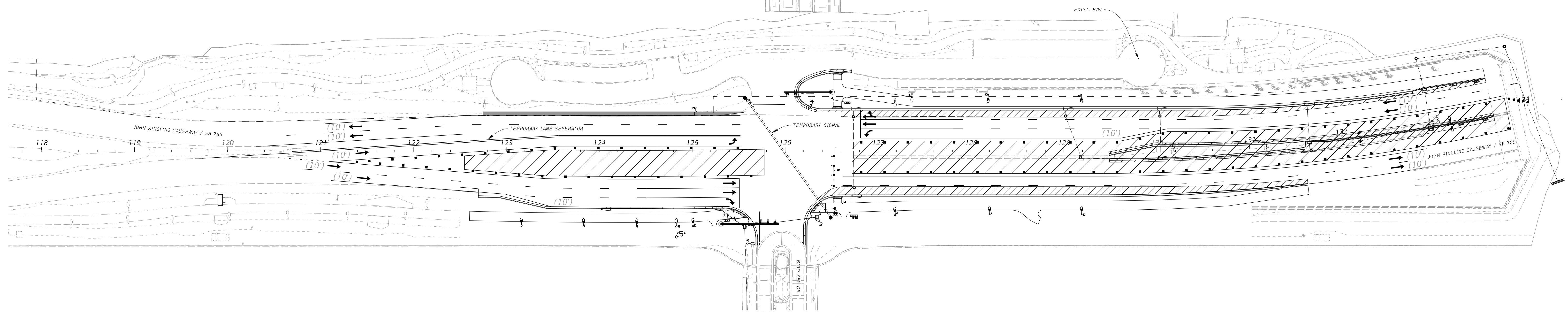
PHASE 1



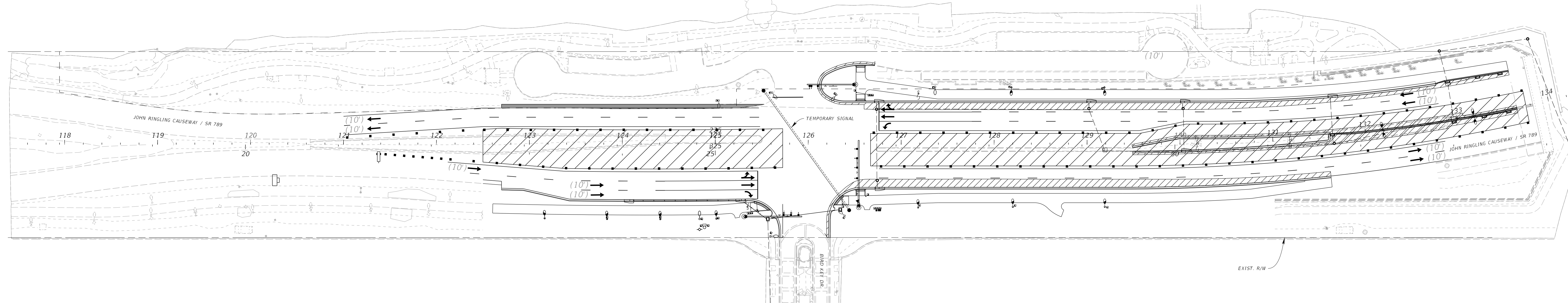
PHASE 2



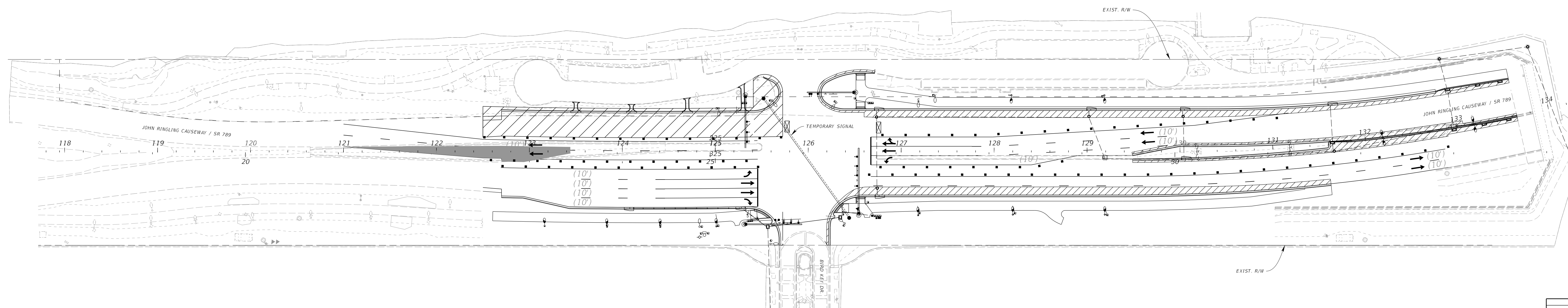
PHASE 3A



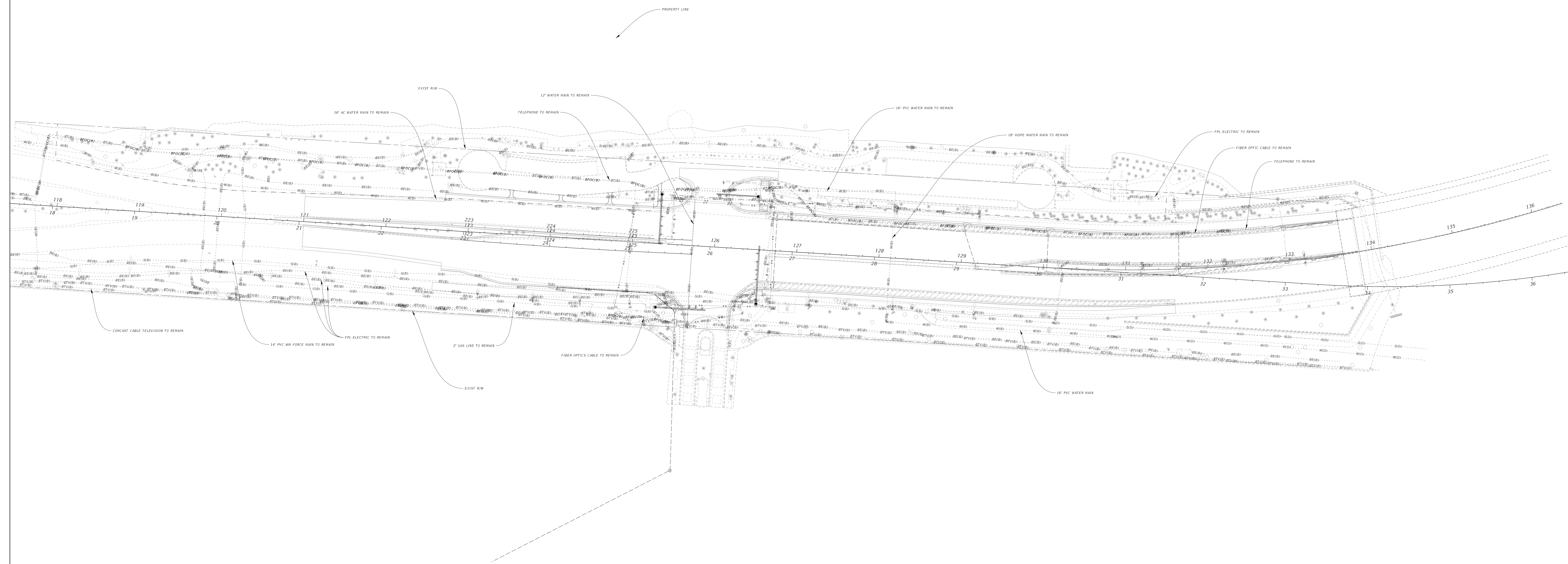
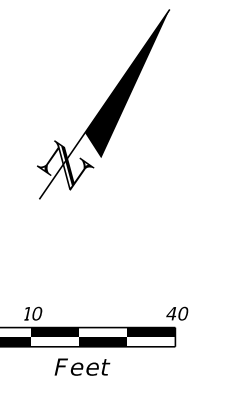
PHASE 3B



PHASE 4



LEGEND	
	TEMPORARY PAVEMENT
	WORK ZONE
	Work Zone Sign
	Type III Barricade
	Portable Changeable (Variable) Message Sign
	Channelizing Device (See Index 102-600)



ENGINEER OF RECORD SARY J. RASCOLO, P.E. LICENSE NUMBER 4629 10001-THUNDER BOLT ASSOCIATES, INC. 1000 SCIENCE CENTER, SUITE 500 SARASOTA, FL 34236	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ADJN NO. COUNTY FINANCIAL PROJECT ID SR 789 SARASOTA 465206-2-12-01	UTILITY ADJUSTMENT SHEET (1)	SHEET NO. 22
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 6105-23.004, F.A.C.

