

CONTRACT PLANS COMPONENTS

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING

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 - 4	TYPICAL SECTIONS
5	GENERAL NOTES
6 - 35	ROADWAY PLANS

**STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLANS

FINANCIAL PROJECT ID 448930-1-52-01

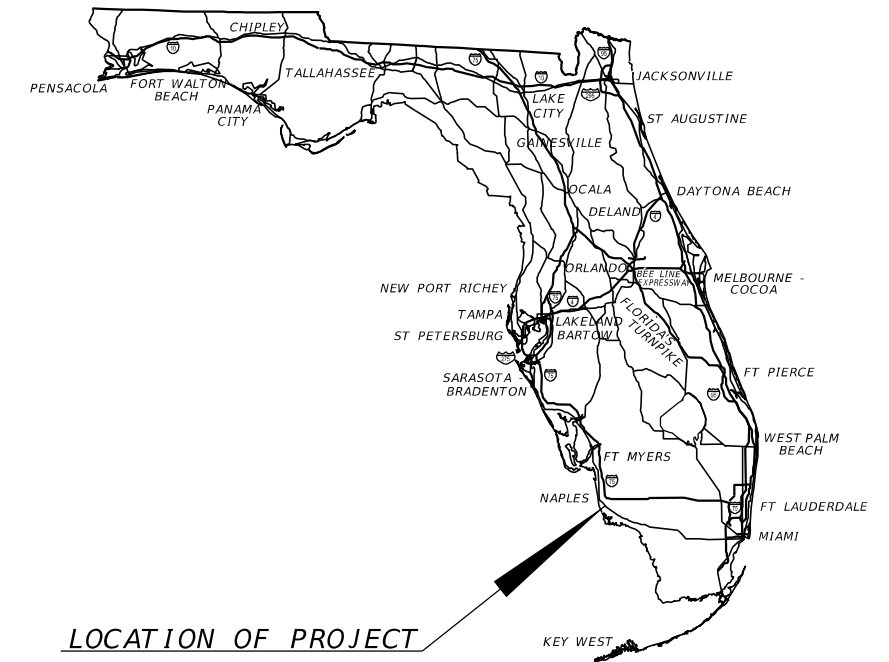
COLLIER COUNTY (03010)

STATE ROAD NO. 90

SR 90 (US 41) FROM N OF THOMASSON DR TO S OF SOUTHWEST BLVD

PROJECT LOCATION URL: <https://tinyurl.com/44893015201>
 PROJECT LIMITS: BEGIN MP 15.616 - END MP 18.684
 EXCEPTIONS: NONE
 BRIDGE LIMITS: BR#030310 MP 16.142 TO MP 16.163
 BR#030193 MP 16.142 TO MP 16.163
 RAILROAD CROSSING: NONE

**PHASE II
OCTOBER 16, 2023**



LOCATION OF PROJECT

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2023-24 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 - -

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>

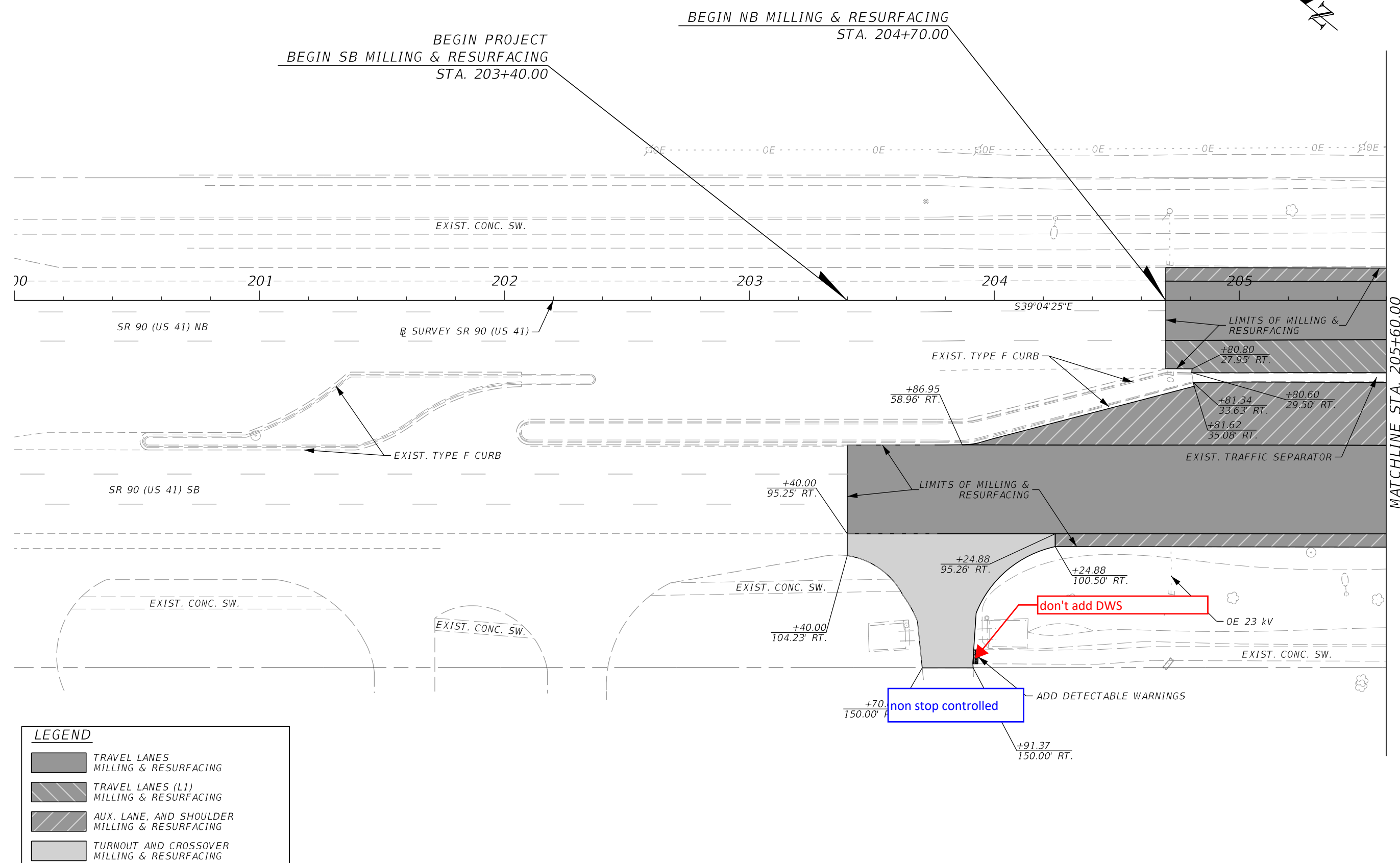
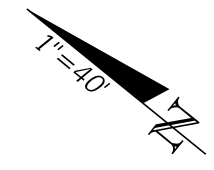
**ROADWAY PLANS
ENGINEER OF RECORD:**

ALBERT R. SMIDEBUSH, PE.
P.E. LICENSE NUMBER 73052
THE BALMORAL GROUP
165 LINCOLN AVENUE
WINTER PARK, FL 32789
(407) 629-2185
CONTRACT NO.: CTBD
VENDOR NO.: 03-0546876-001

FDOT PROJECT MANAGER:

DAVID AGACINSKI

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
TBD	24	1



LEGEND			
	TRAVEL LANES	MILLING & RESURFACING	
	TRAVEL LANES (L1)	MILLING & RESURFACING	
	AUX. LANE, AND SHOULDER	MILLING & RESURFACING	
	TURNOUT AND CROSSOVER	MILLING & RESURFACING	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
 Phone: (407) 629-2185
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

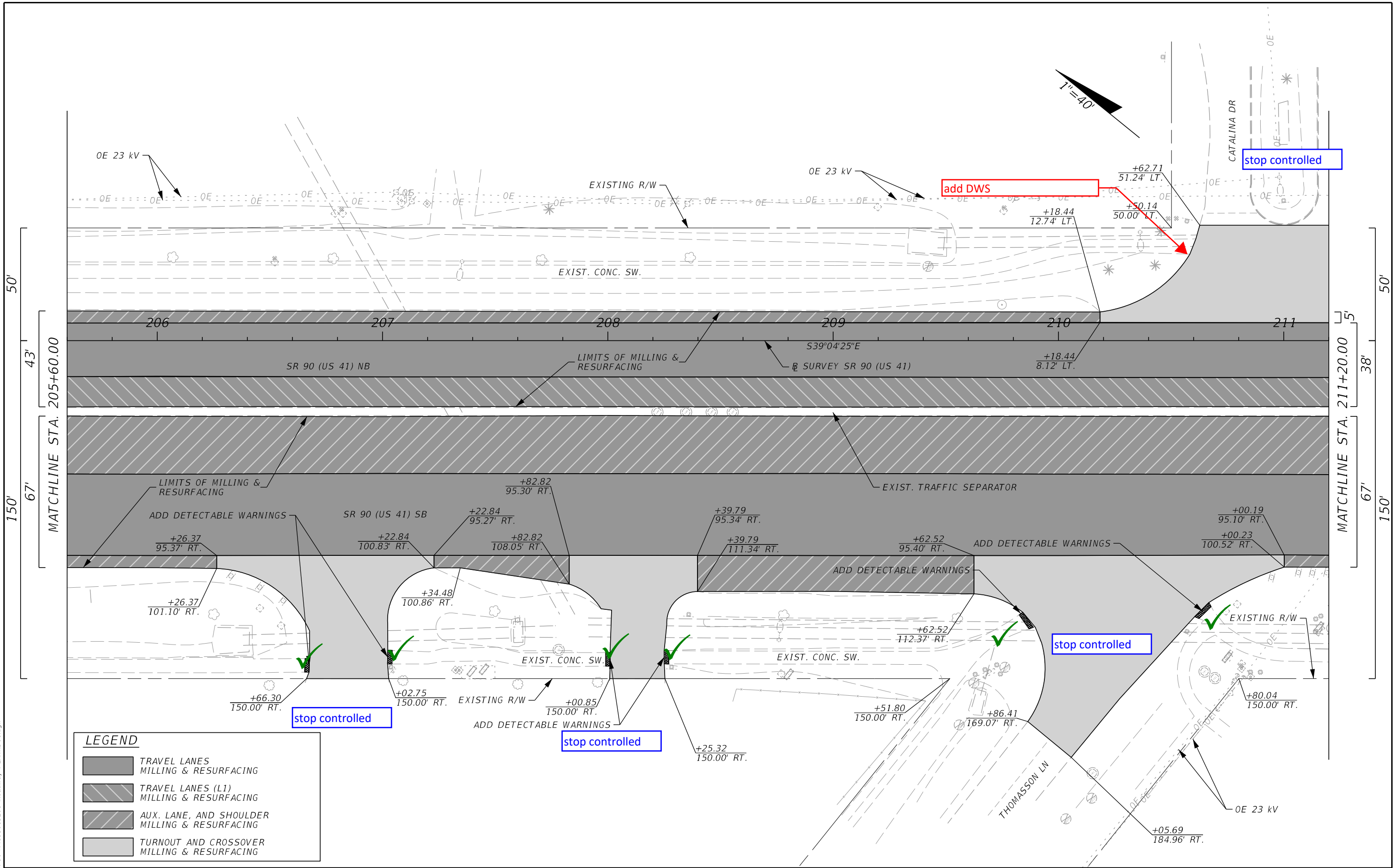
ROADWAY PLAN

SHEET NO.
6

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LEGEND

	TRAVEL LANES MILLING & RESURFACING
	TRAVEL LANES (L1) MILLING & RESURFACING
	AUX. LANE, AND SHOULDER MILLING & RESURFACING
	TURNOUT AND CROSSOVER MILLING & RESURFACING

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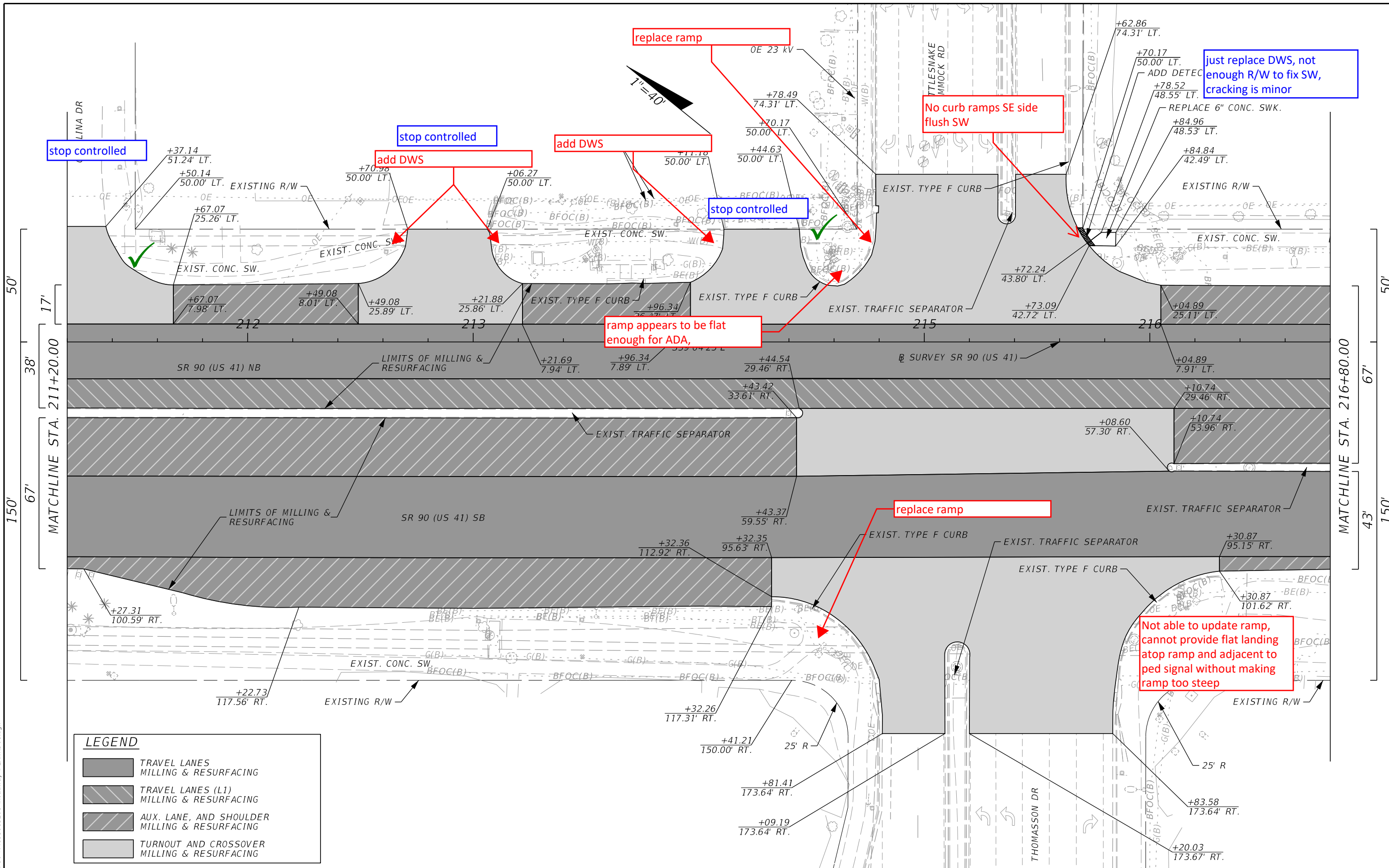
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

ROADWAY PLAN

SHEET NO. 7

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LEGEND			
	TRAVEL LANES	MILLING & RESURFACING	
	TRAVEL LANES (L1)	MILLING & RESURFACING	
	AUX. LANE, AND SHOULDER	MILLING & RESURFACING	
	TURNOUT AND CROSSOVER	MILLING & RESURFACING	

REVISIONS			
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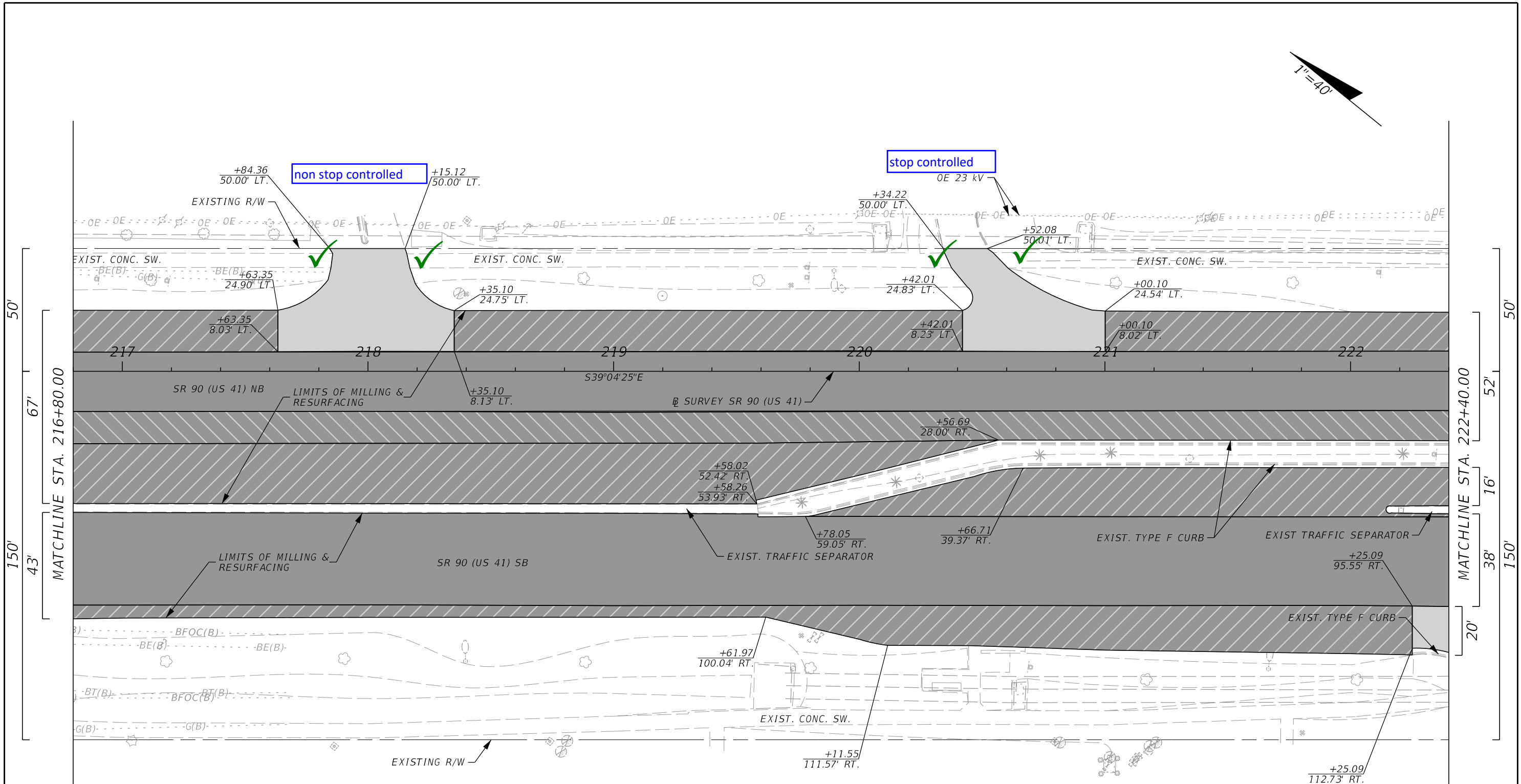
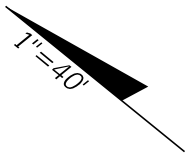
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ROADWAY PLAN

SHEET NO.
8

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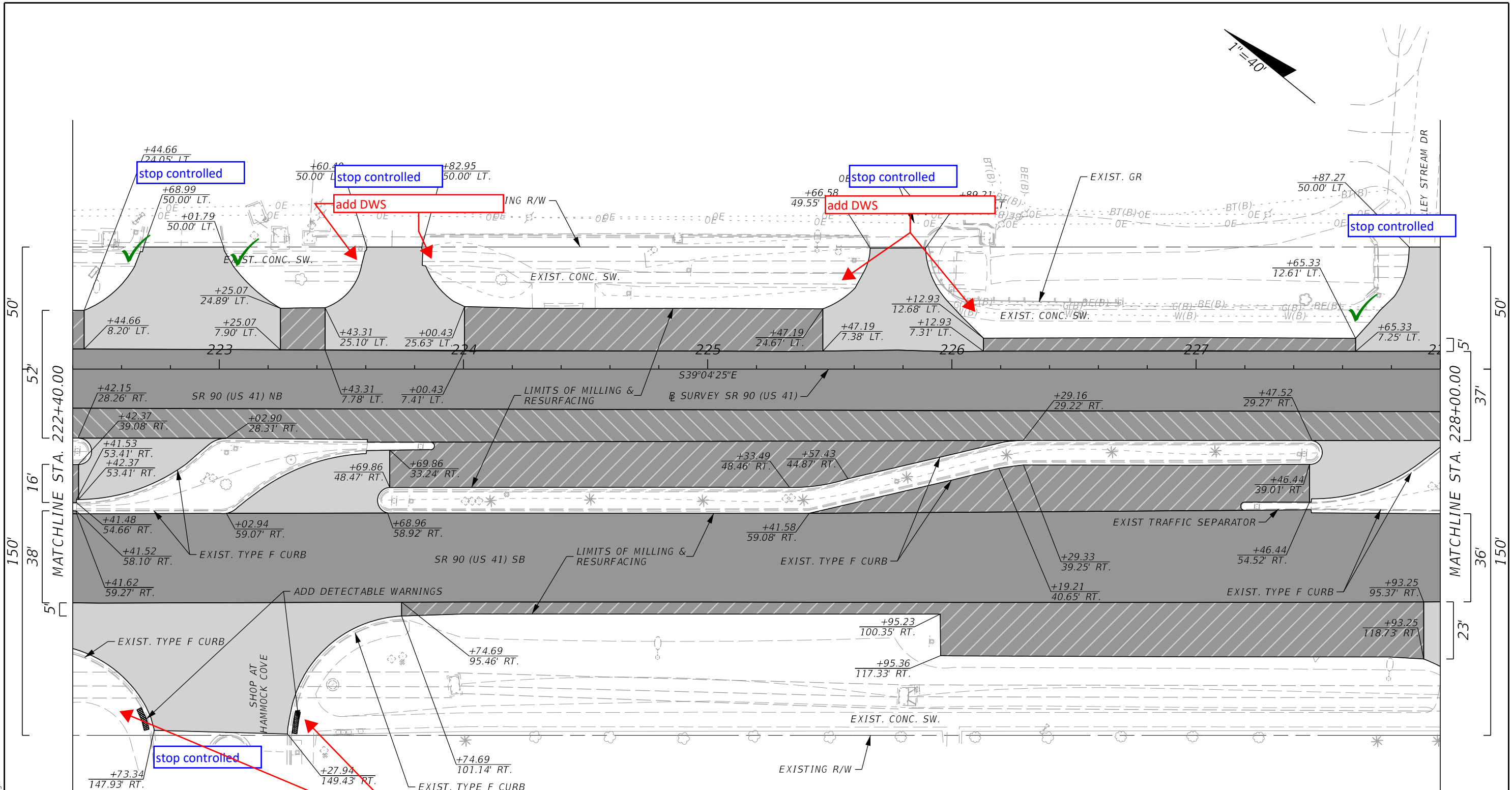
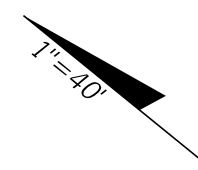
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	TRAVEL LANES (L1) MILLING & RESURFACING
	AUX. LANE, AND SHOULDER MILLING & RESURFACING
	TURNOUT AND CROSSOVER MILLING & RESURFACING

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REVISIONS				The Balmoral Group 165 Lincoln Avenue Winter Park, FL 32789 Phone: (407) 629-2185 E.O.R.: Albert R. Smidebush, P.E. No. 73052	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. 9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 90	COLLIER	448930-1-52-01		



LEGEND

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	TRAVEL LANES (L1) MILLING & RESURFACING
	AUX. LANE, AND SHOULDER MILLING & RESURFACING
	TURNOUT AND CROSSOVER MILLING & RESURFACING

Cannot upgrade ramps due to RW constraints

REVISIONS			
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The Balmoral Group
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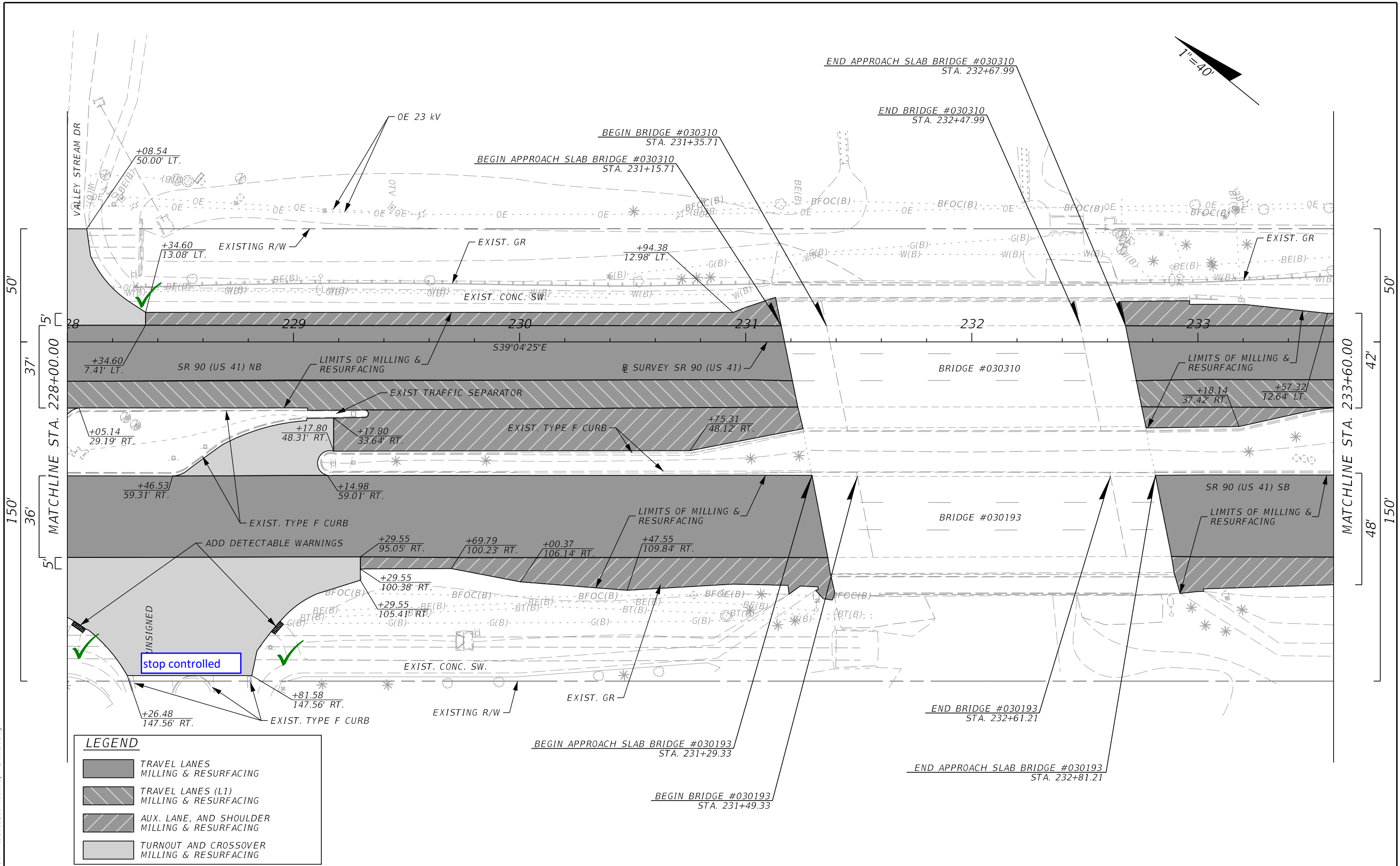
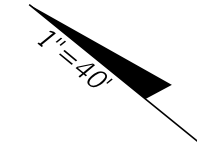
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

ROADWAY PLAN

SHEET NO.
10

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LEGEND

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	TRAVEL LANES (L1) MILLING & RESURFACING
	AUX. LANE, AND SHOULDER MILLING & RESURFACING
	TURNOUT AND CROSSOVER MILLING & RESURFACING

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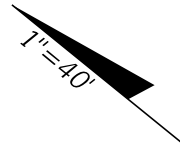
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SR 90	COLLIER	448930-1-52-01

ROADWAY PLAN

SHEET NO.
11

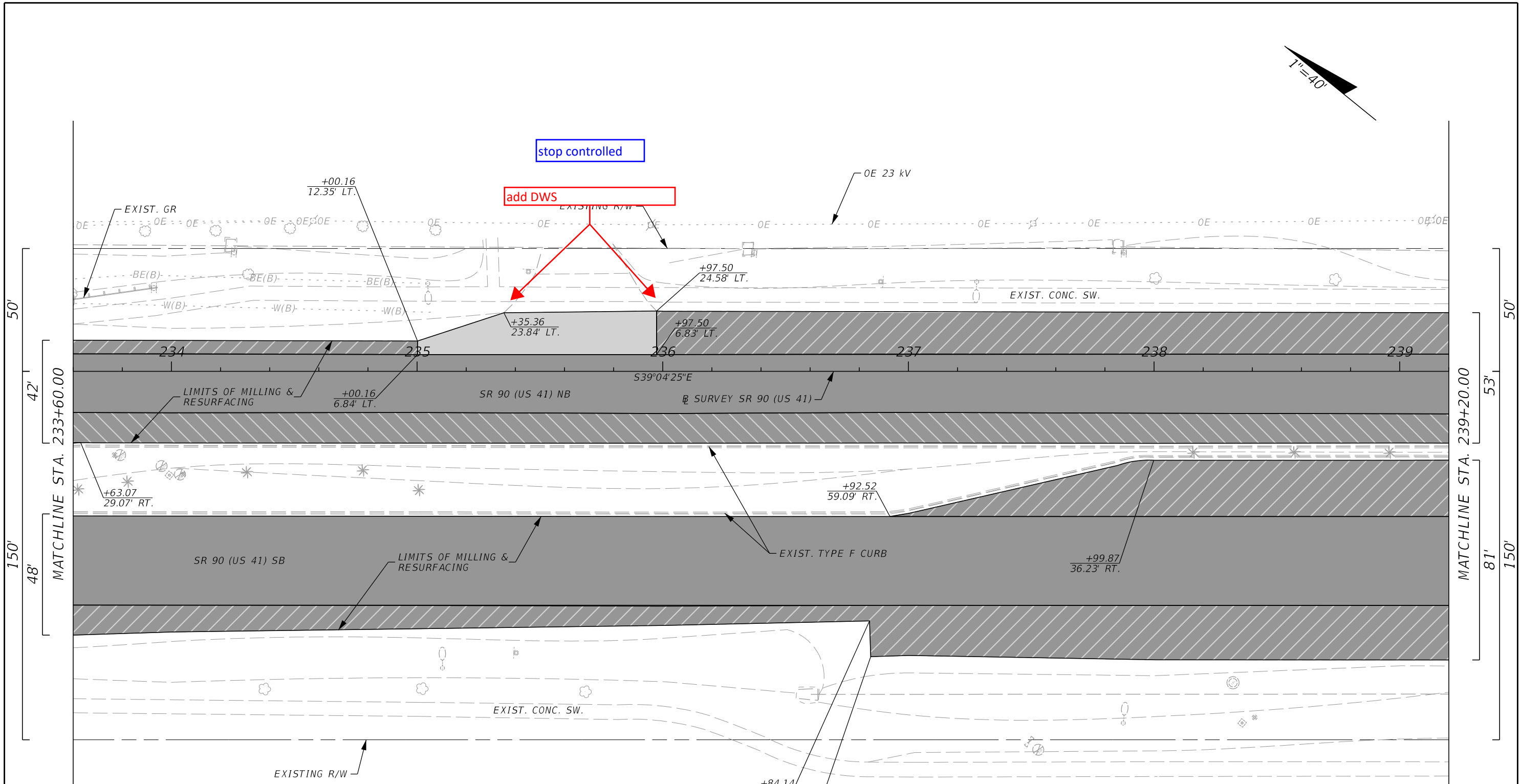
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add DWS

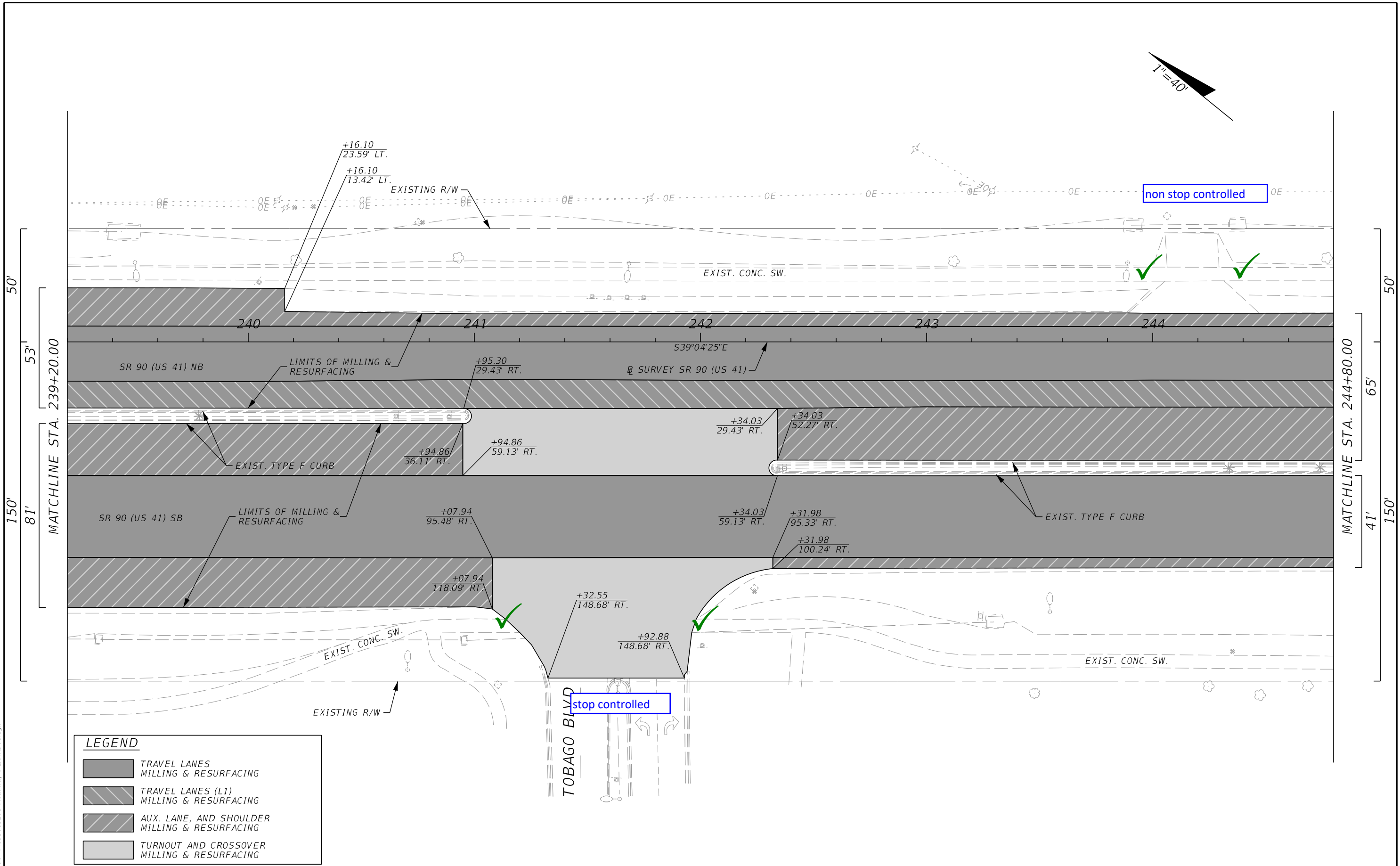
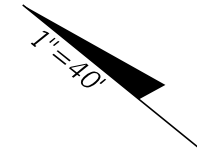


LEGEND			
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	TRAVEL LANES (L1) MILLING & RESURFACING		
	AUX. LANE, AND SHOULDER MILLING & RESURFACING		
	TURNOUT AND Crossover MILLING & RESURFACING		

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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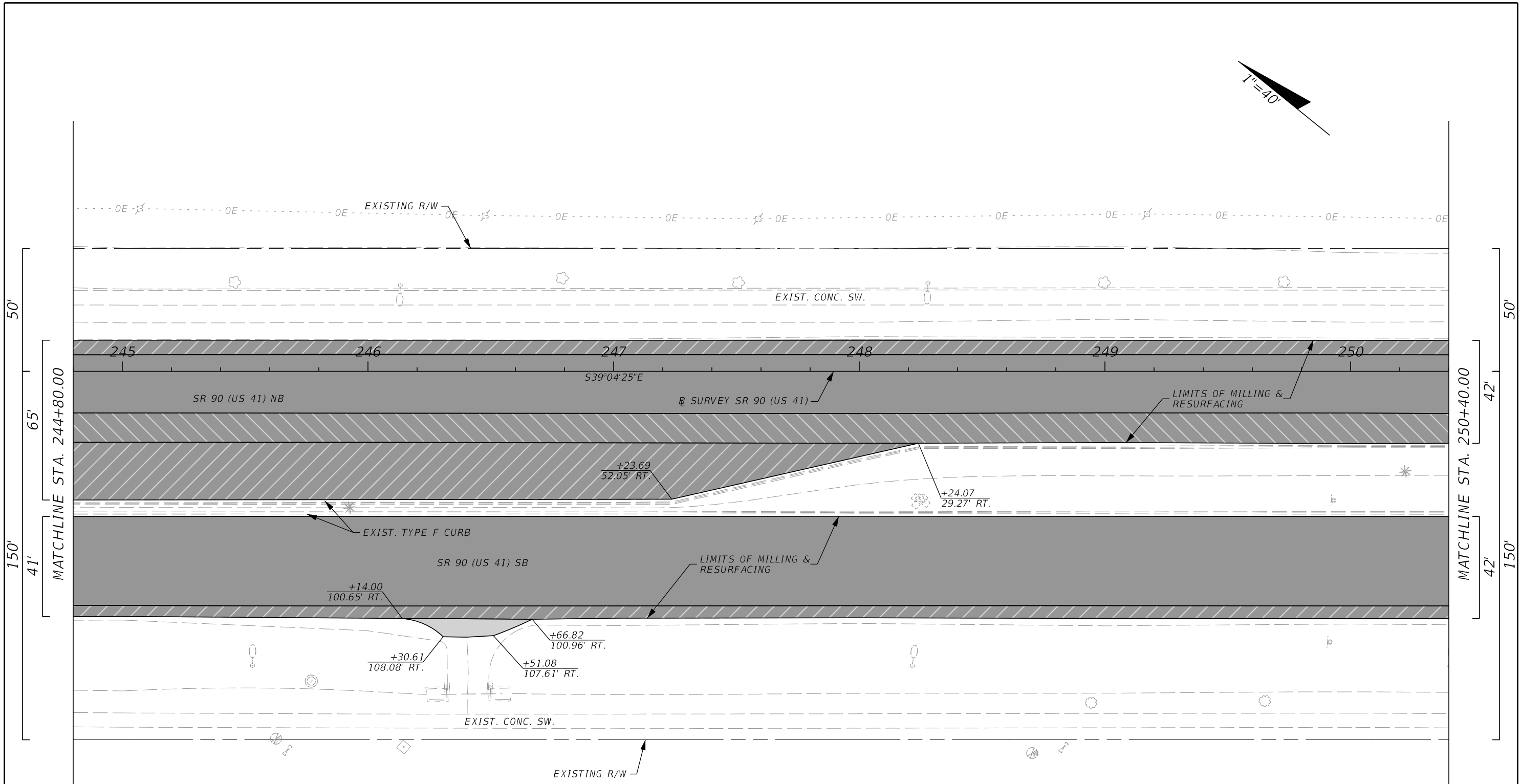
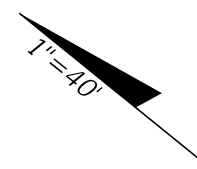
LEGEND

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	TRAVEL LANES (L1) MILLING & RESURFACING
	AUX. LANE, AND SHOULDER MILLING & RESURFACING
	TURNOUT AND CROSSOVER MILLING & RESURFACING

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					SR 90	COLLIER	448930-1-52-01		13



LEGEND			
	TRAVEL LANES	MILLING & RESURFACING	
	TRAVEL LANES (L1)	MILLING & RESURFACING	
	AUX. LANE, AND SHOULDER	MILLING & RESURFACING	
	TURNOUT AND CROSSOVER	MILLING & RESURFACING	

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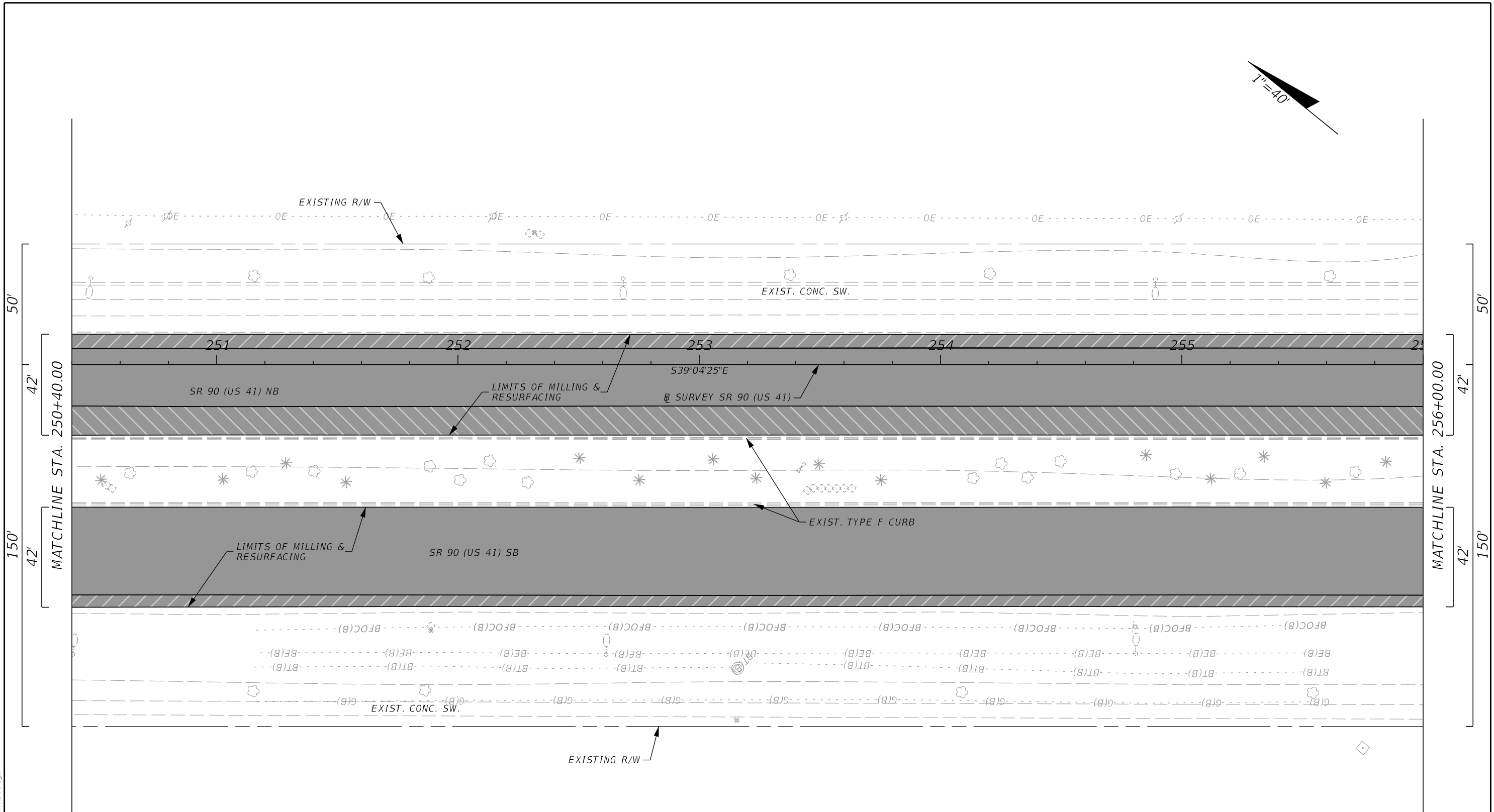
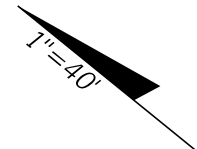
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SR 90	COLLIER	448930-1-52-01

ROADWAY PLAN

SHEET NO.
14

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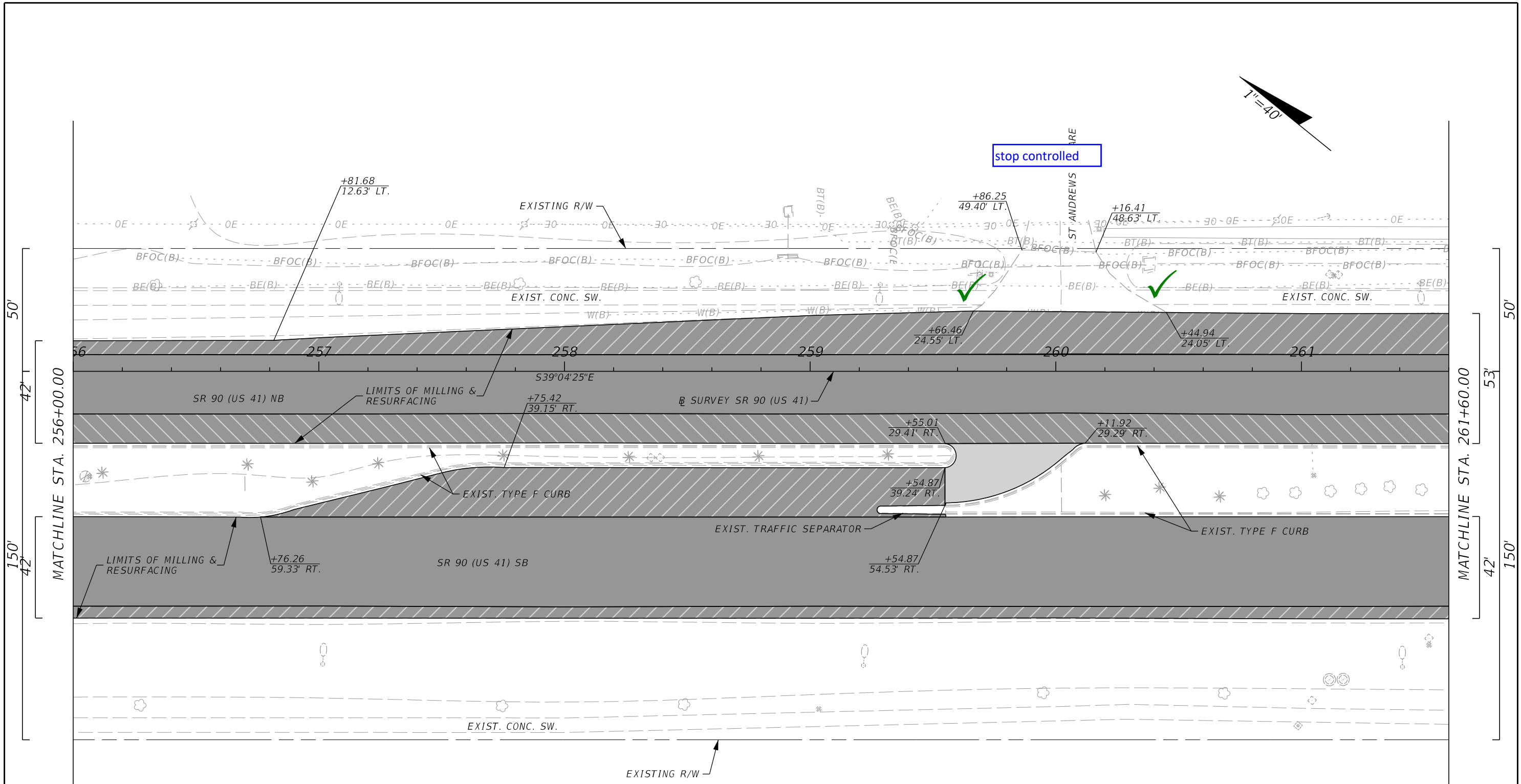
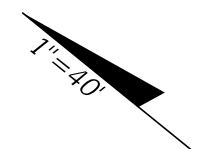
LEGEND

	TRAVEL LANES MILLING & RESURFACING
	TRAVEL LANES (L1) MILLING & RESURFACING
	AUX. LANE, AND SHOULDER MILLING & RESURFACING

REVISIONS				The Balmoral Group 165 Lincoln Avenue Winter Park, FL 32789 Phone: (407) 629-2185 E.O.R.: Albert R. Smidebush, P.E. No. 73052	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		15
					SR 90	COLLIER	448930-1-52-01		

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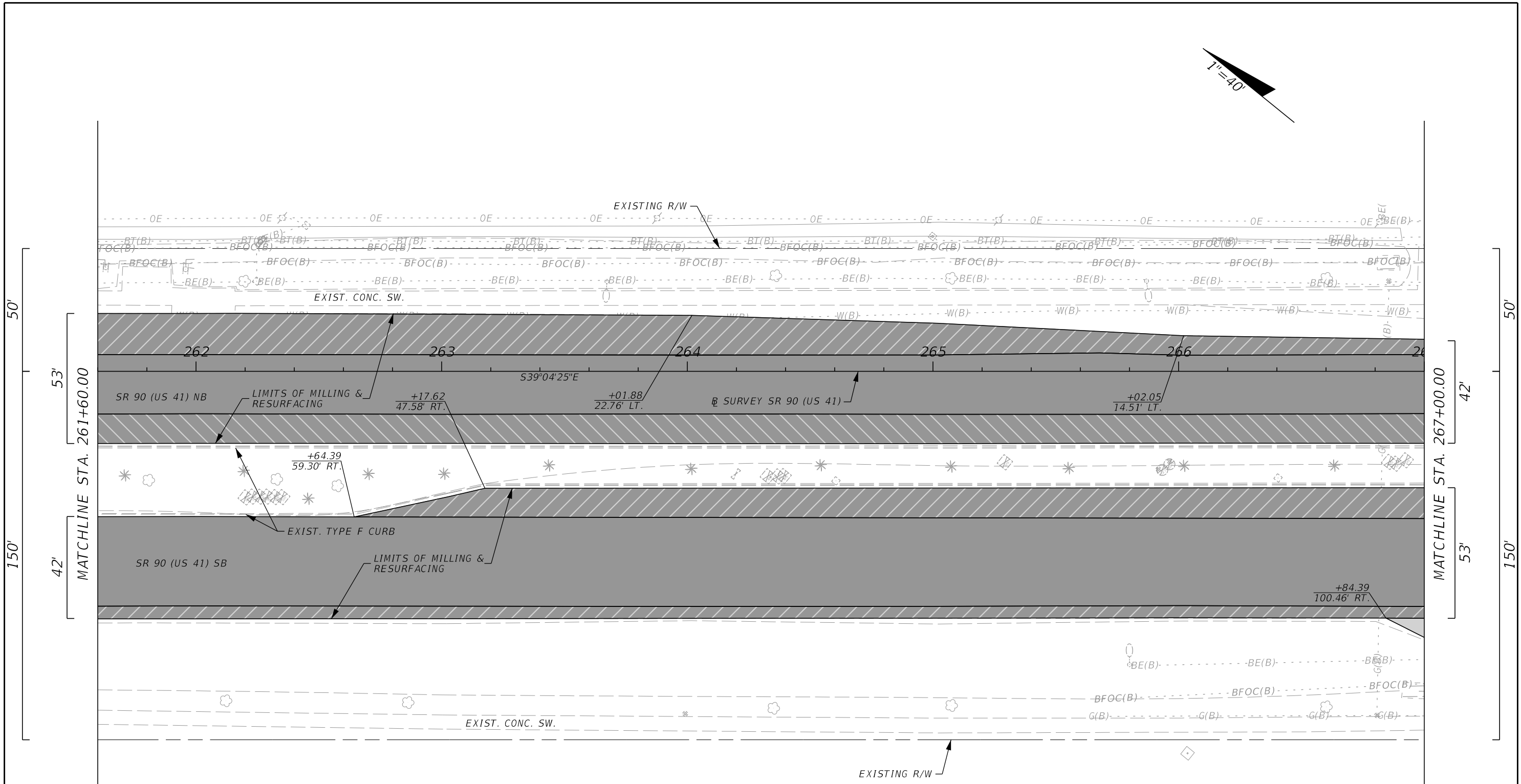
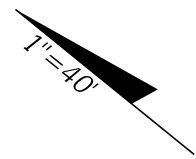


LEGEND			
	TRAVEL LANES	MILLING & RESURFACING	
	TRAVEL LANES (L1)	MILLING & RESURFACING	
	AUX. LANE, AND SHOULDER	MILLING & RESURFACING	
	TURNOUT AND Crossover	MILLING & RESURFACING	

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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LEGEND

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	TRAVEL LANES (L1) MILLING & RESURFACING
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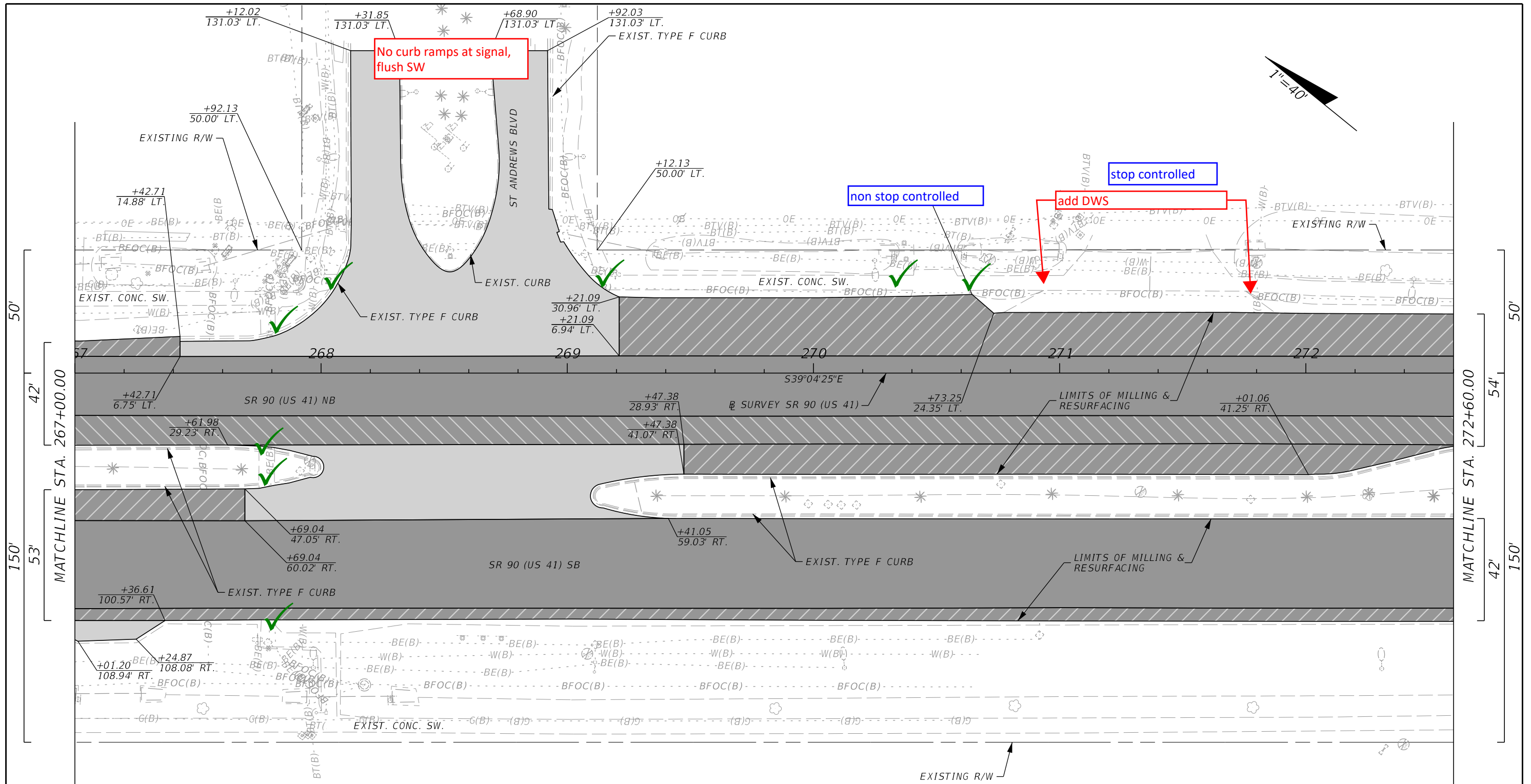
ROADWAY PLAN

SHEET NO.
17

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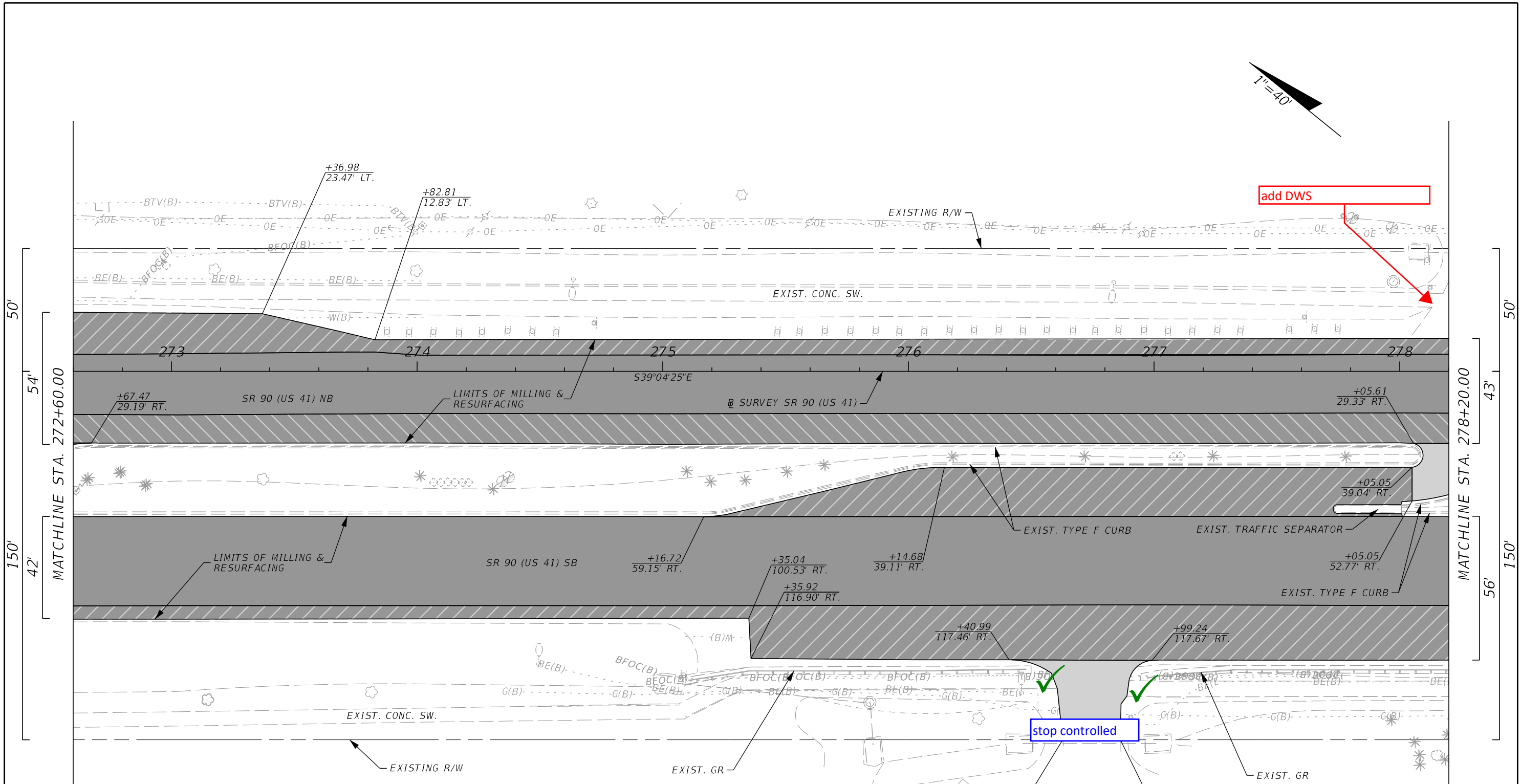
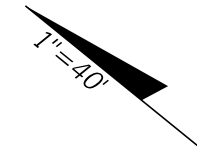
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ROADWAY PLAN

SHEET NO.
18



LEGEND

	TRAVEL LANES MILLING & RESURFACING
	TRAVEL LANES (L1) MILLING & RESURFACING
	AUX. LANE, AND SHOULDER MILLING & RESURFACING
	TURNOUT AND CROSSOVER MILLING & RESURFACING

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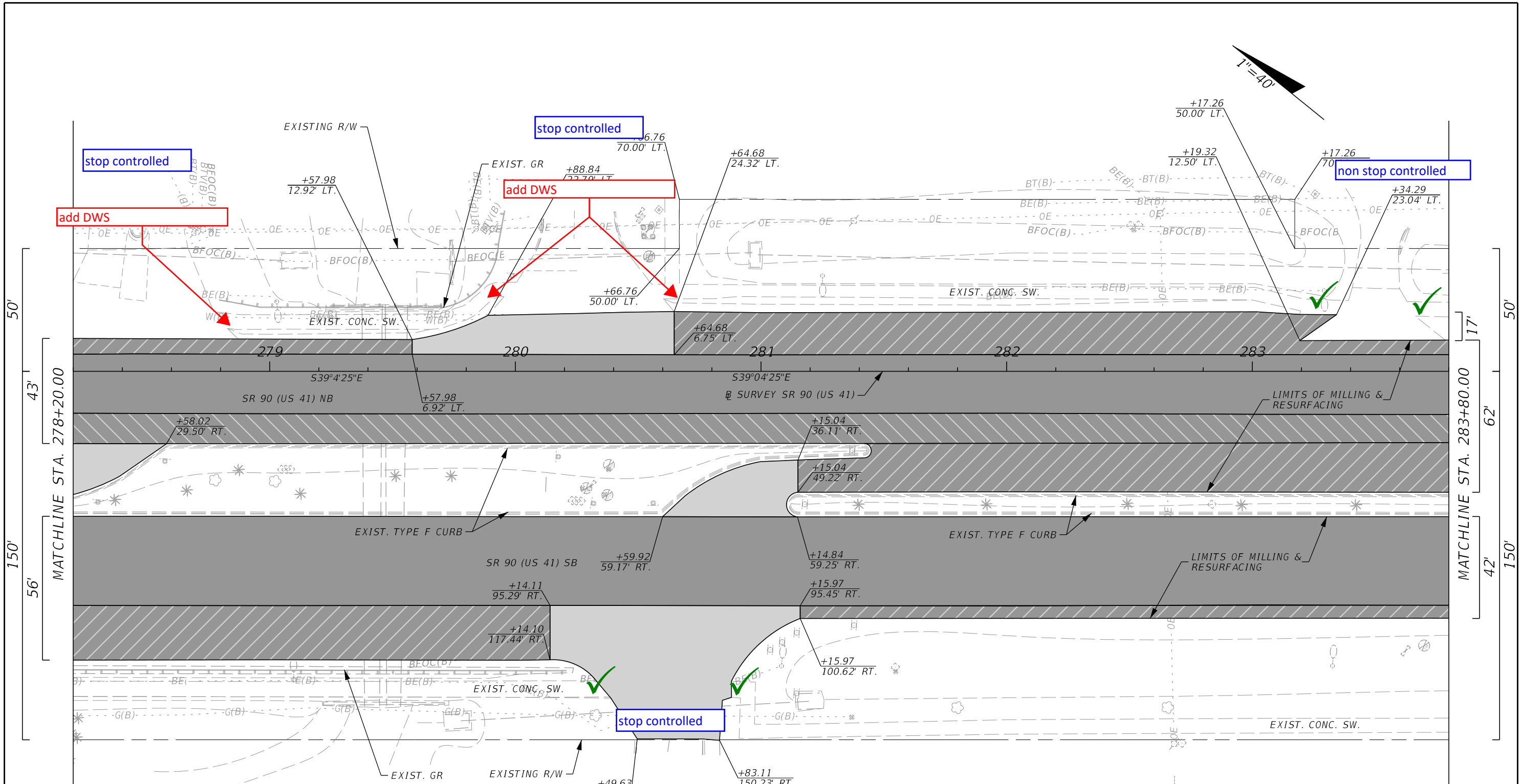
ROADWAY PLAN

SHEET
NO.

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STATE OF FLORIDA
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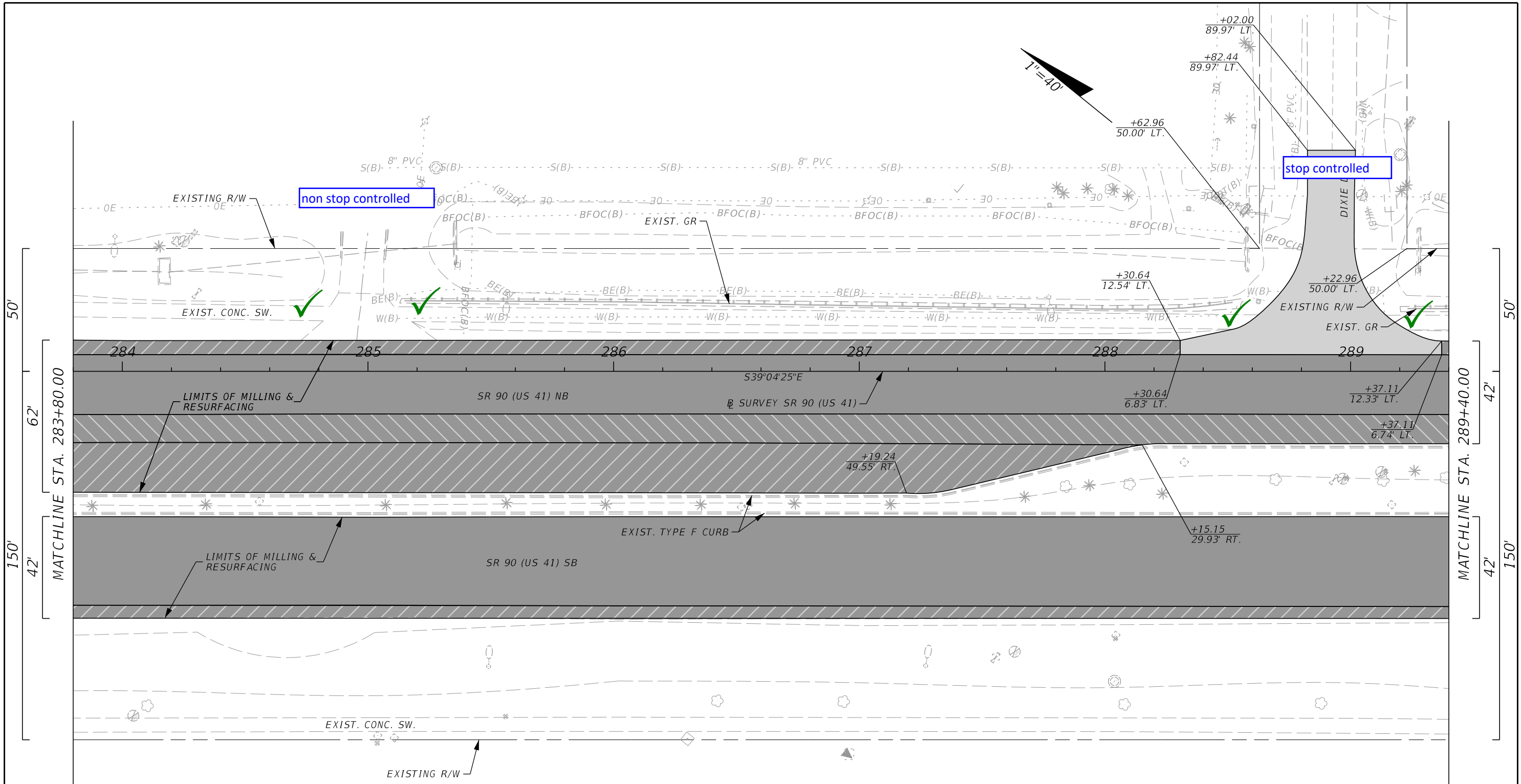
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ROADWAY PLAN

SHEET NO.
20

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LEGEND

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	TRAVEL LANES (L1) MILLING & RESURFACING
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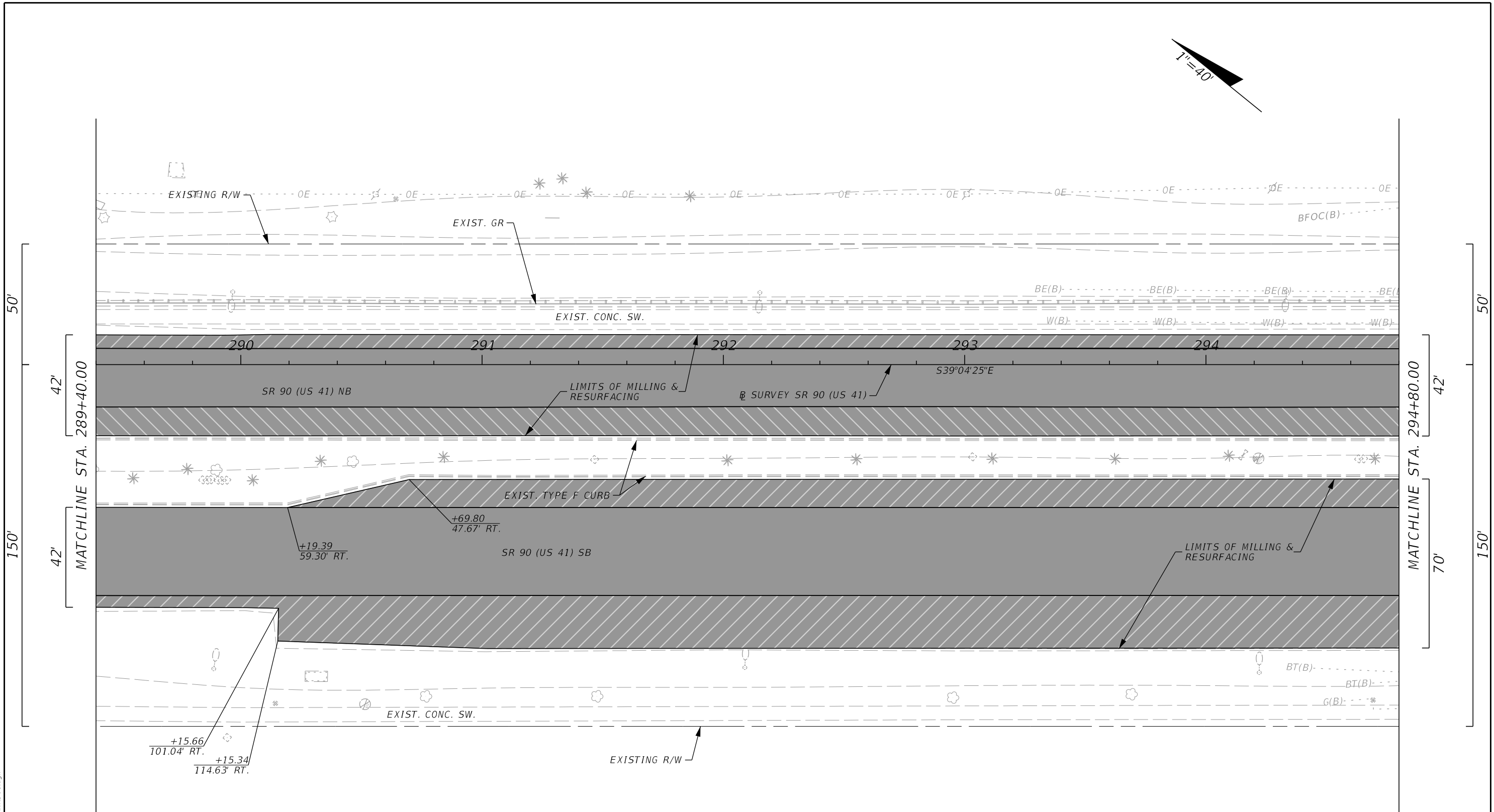
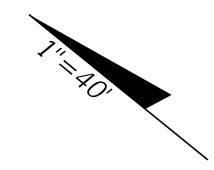
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ROADWAY PLAN

SHEET NO.
21

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LEGEND

	TRAVEL LANES MILLING & RESURFACING
	TRAVEL LANES (L1) MILLING & RESURFACING
	AUX. LANE, AND SHOULDER MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
 Phone: (407) 629-2185
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

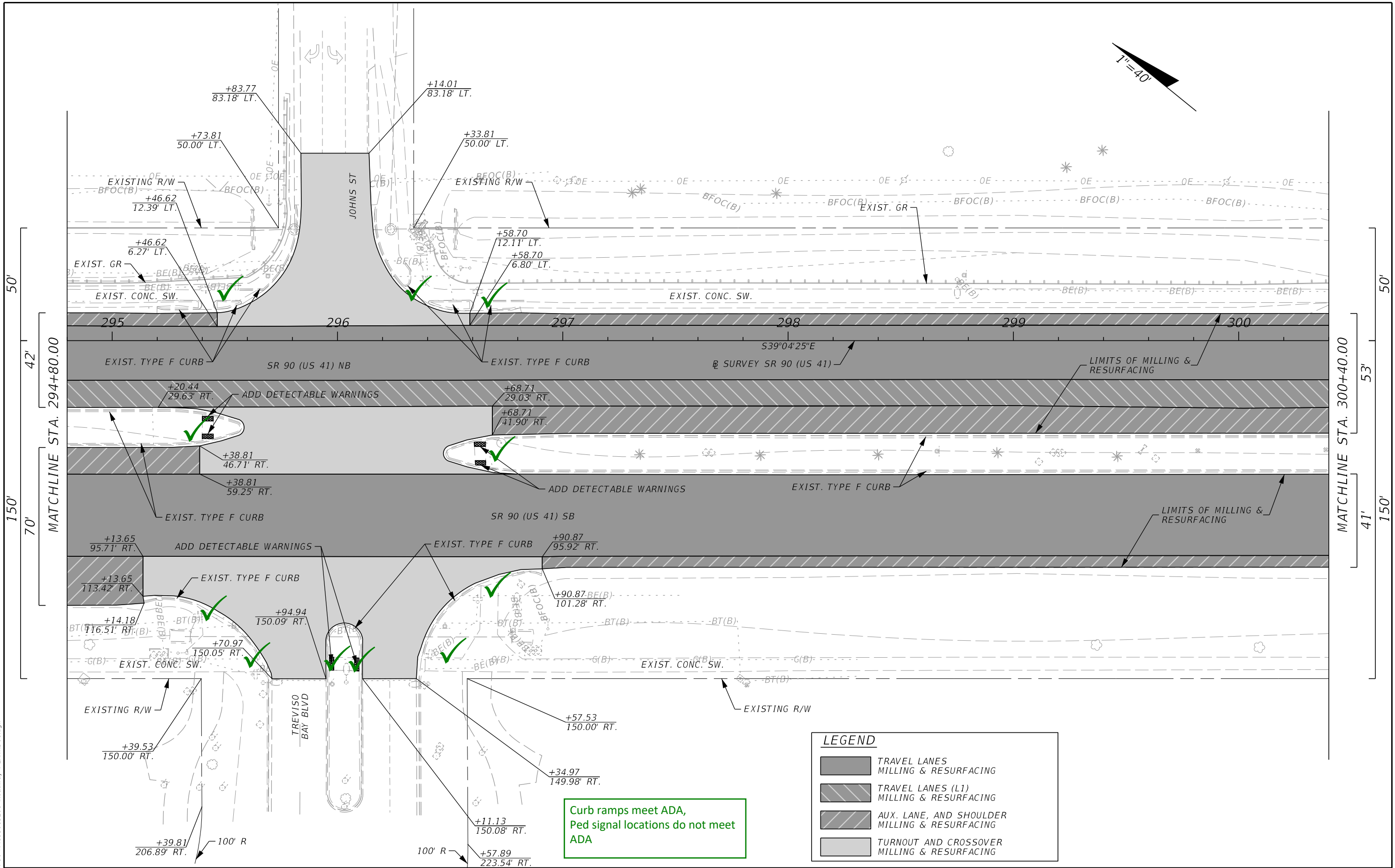
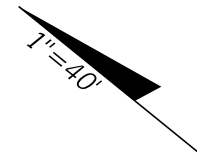
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

ROADWAY PLAN

SHEET NO.
22

10/16/2023 11:38:14 AM JKiriazes T:\122205101.00 SR 90\44893015201\Roadway\PLANRD01.dgn

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LEGEND			
	TRAVEL LANES	MILLING & RESURFACING	
	TRAVEL LANES (L1)	MILLING & RESURFACING	
	AUX. LANE, AND SHOULDER	MILLING & RESURFACING	
	TURNOUT AND CROSSOVER	MILLING & RESURFACING	

Curb ramps meet ADA,
Ped signal locations do not meet
ADA

10/16/2023 11:38:15 AM JKiriazes T:\1222055101.00 SR 90\44893015201\Roadway\PLAN\RD01.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

The Balmoral Group
165 Lincoln Avenue
Winter Park, FL 32789
Phone: (407) 629-2185
E.O.R.: Albert R. Smidebush, P.E. No. 73052

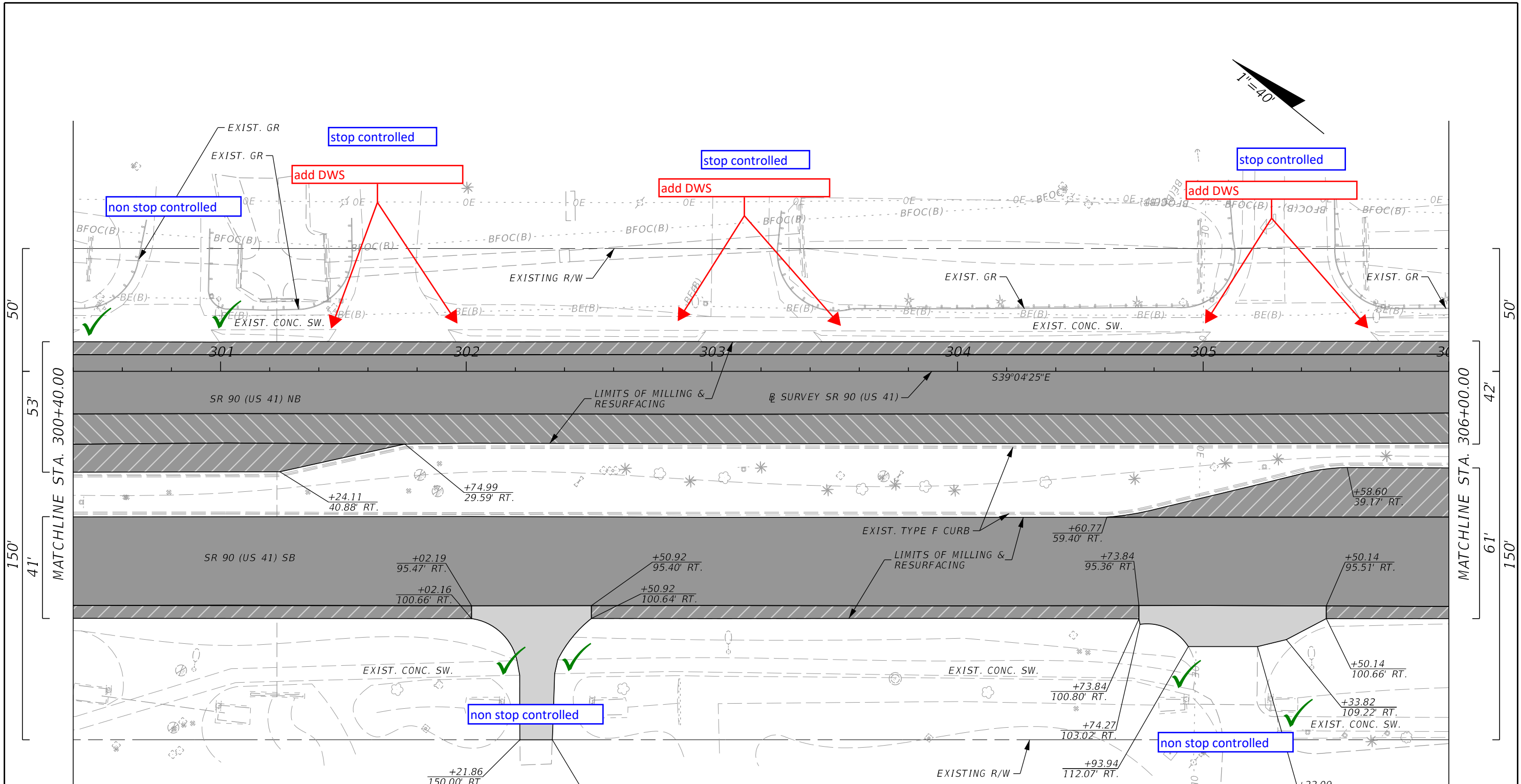
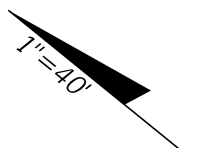
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

ROADWAY PLAN

SHEET
NO.

23

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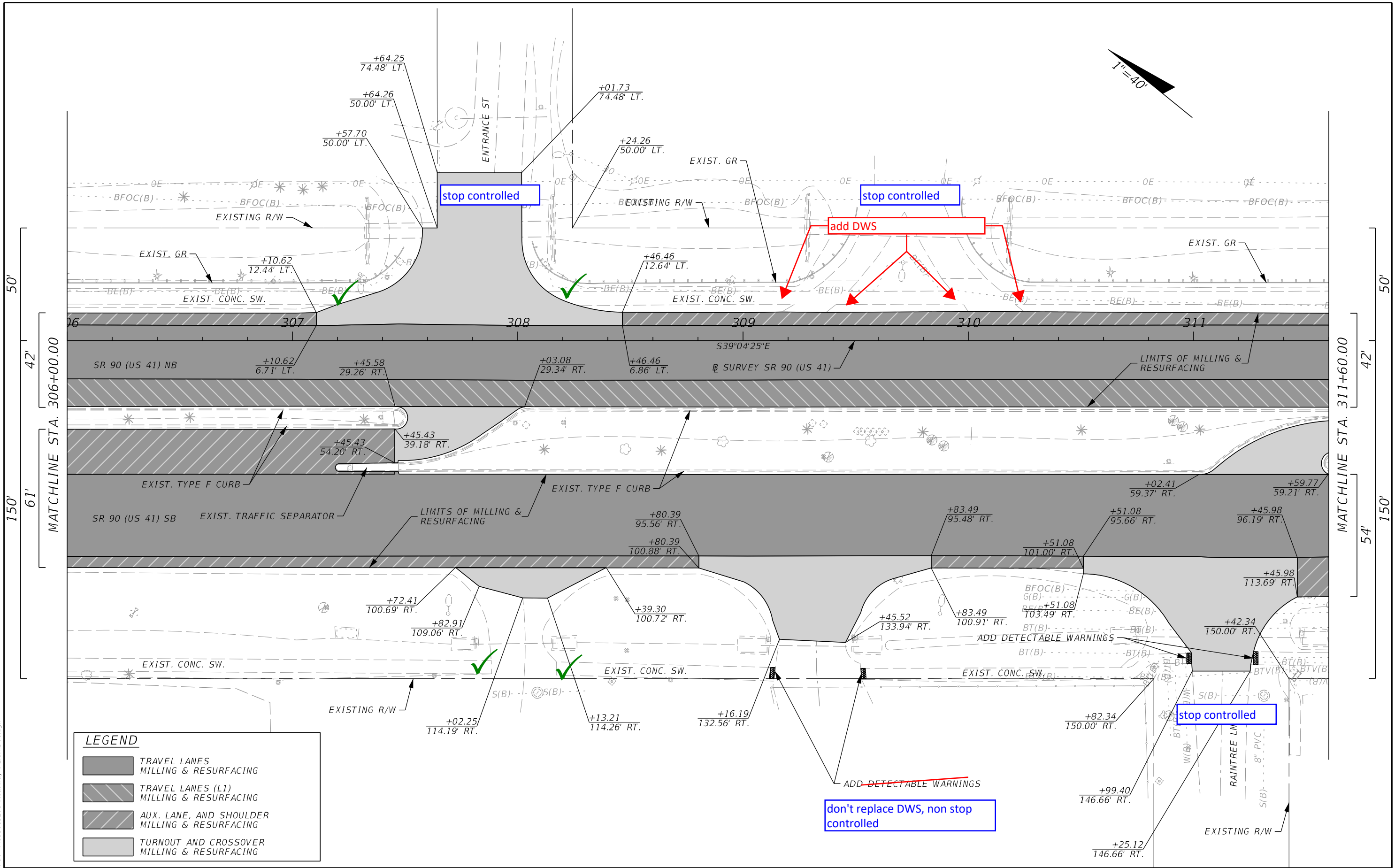
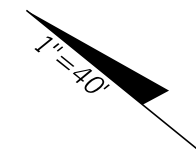
LEGEND

	TRAVEL LANES MILLING & RESURFACING
	TRAVEL LANES (L1) MILLING & RESURFACING
	AUX. LANE, AND SHOULDER MILLING & RESURFACING
	TURNOUT AND CROSSOVER MILLING & RESURFACING

10/16/2023 11:38:15 AM JKiriazes T:\1222055101.00 SR 90\44893015201\Roadway\PLAN\RD01.dgn

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REVISIONS				The Balmoral Group 165 Lincoln Avenue Winter Park, FL 32789 Phone: (407) 629-2185 E.O.R.: Albert R. Smidebush, P.E. No. 73052	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. 24
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 90	COLLIER	448930-1-52-01			



LEGEND

	TRAVEL LANES MILLING & RESURFACING
	TRAVEL LANES (L1) MILLING & RESURFACING
	AUX. LANE, AND SHOULDER MILLING & RESURFACING
	TURNOUT AND CROSSOVER MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
 Phone: (407) 629-2185
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

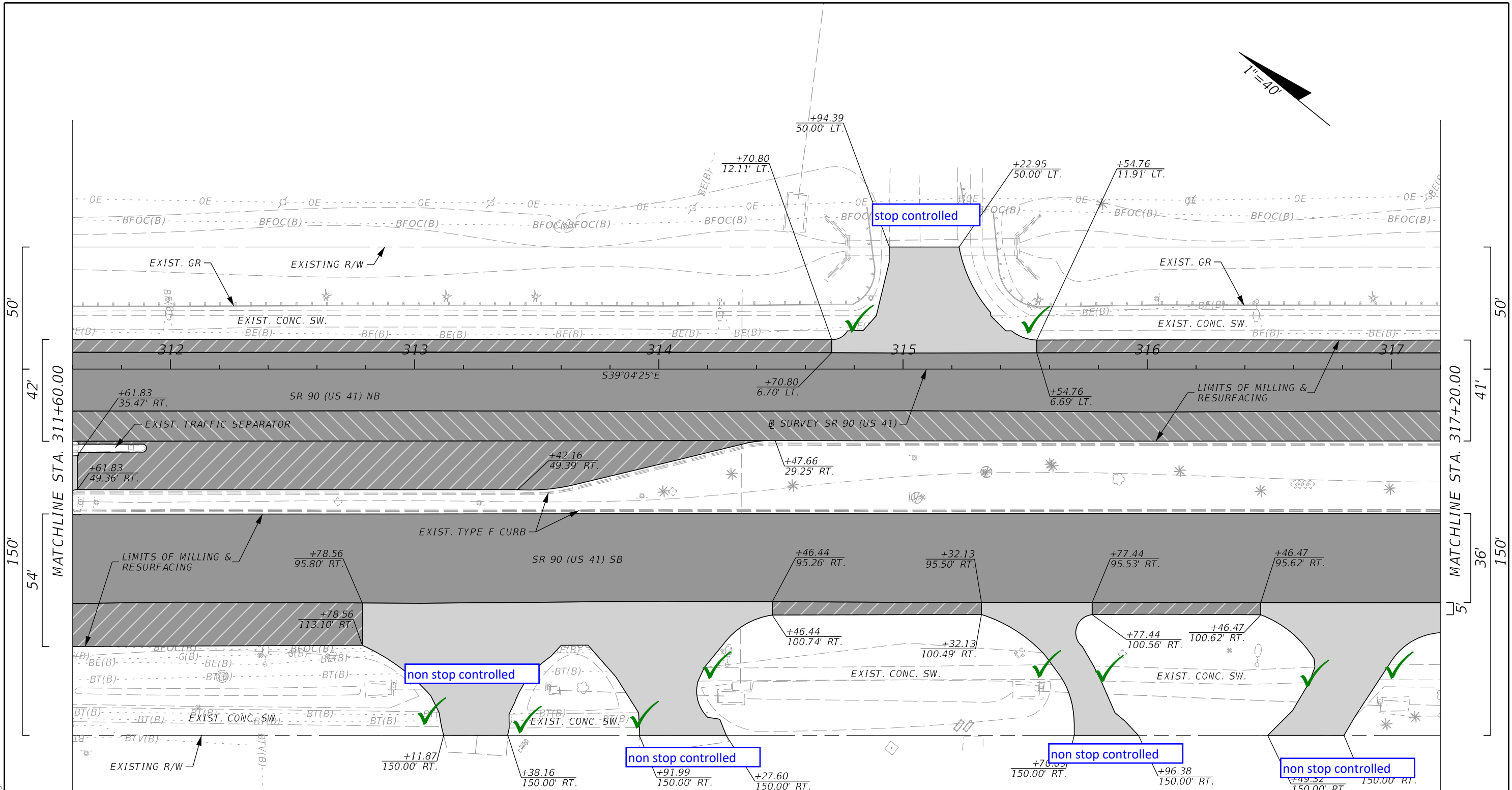
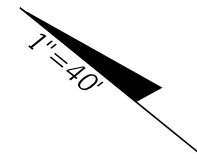
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

ROADWAY PLAN

SHEET NO.
25

10/16/2023 11:38:16 AM JKirrazes T:\1222055101.00 SR 90\44893015201\Roadway\PLAN\RD01.dgn

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LEGEND

	TRAVEL LANES MILLING & RESURFACING
	TRAVEL LANES (L1) MILLING & RESURFACING
	AUX. LANE, AND SHOULDER MILLING & RESURFACING
	TURNOUT AND CROSSOVER MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

The Balmoral Group
165 Lincoln Avenue
Winter Park, FL 32789
Phone: (407) 629-2185
E.O.R.: Albert R. Smidebush, P.E. No. 73052

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

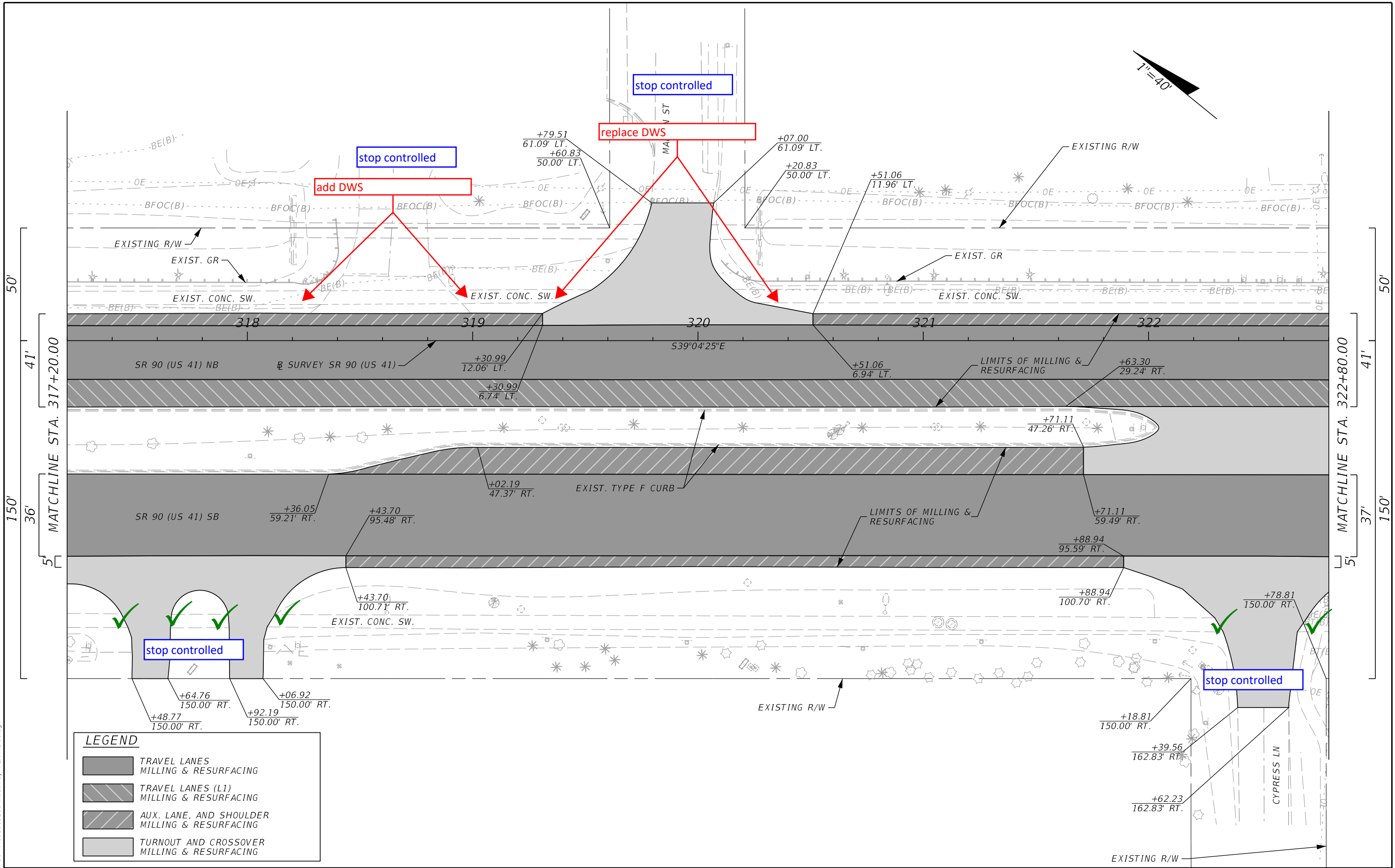
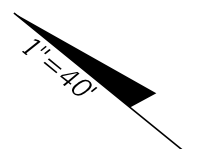
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

ROADWAY PLAN

SHEET NO.
26

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LEGEND

	TRAVEL LANES MILLING & RESURFACING
	TRAVEL LANES (L1) MILLING & RESURFACING
	AUX. LANE, AND SHOULDER MILLING & RESURFACING
	TURNOUT AND CROSSOVER MILLING & RESURFACING

10/16/2023 11:38:17 AM JKiriazes T:\1222055101.00 SR 90\44893015201\Roadway\PLAN\RD01.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

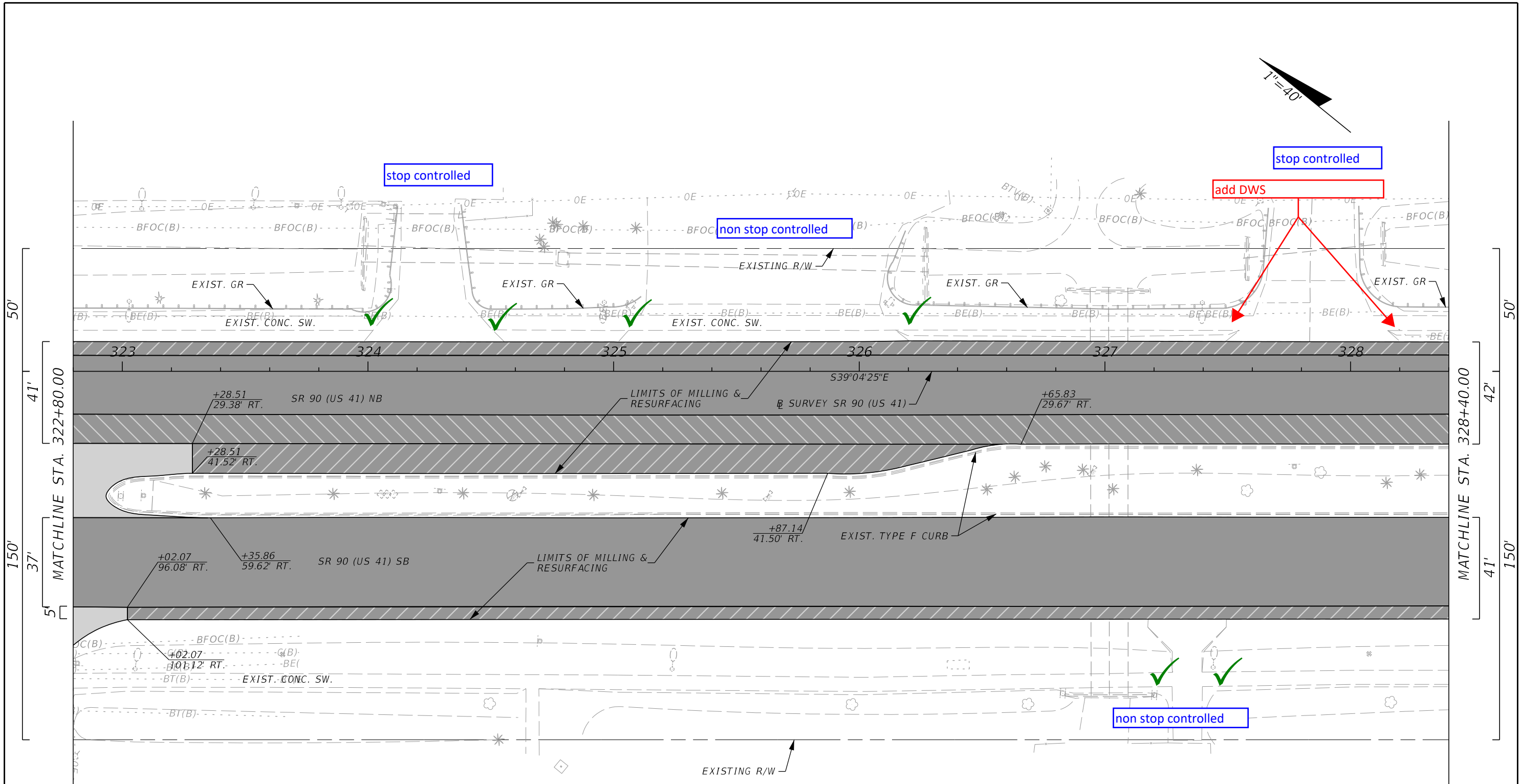
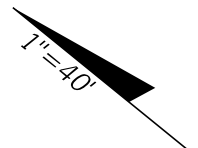
The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
 Phone: (407) 629-2185
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

ROADWAY PLAN

SHEET NO.
27

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



LEGEND			
	TRAVEL LANES MILLING & RESURFACING		
	TRAVEL LANES (L1) MILLING & RESURFACING		
	AUX. LANE, AND SHOULDER MILLING & RESURFACING		
	TURNOUT AND CROSSOVER MILLING & RESURFACING		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
 Phone: (407) 629-2185
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

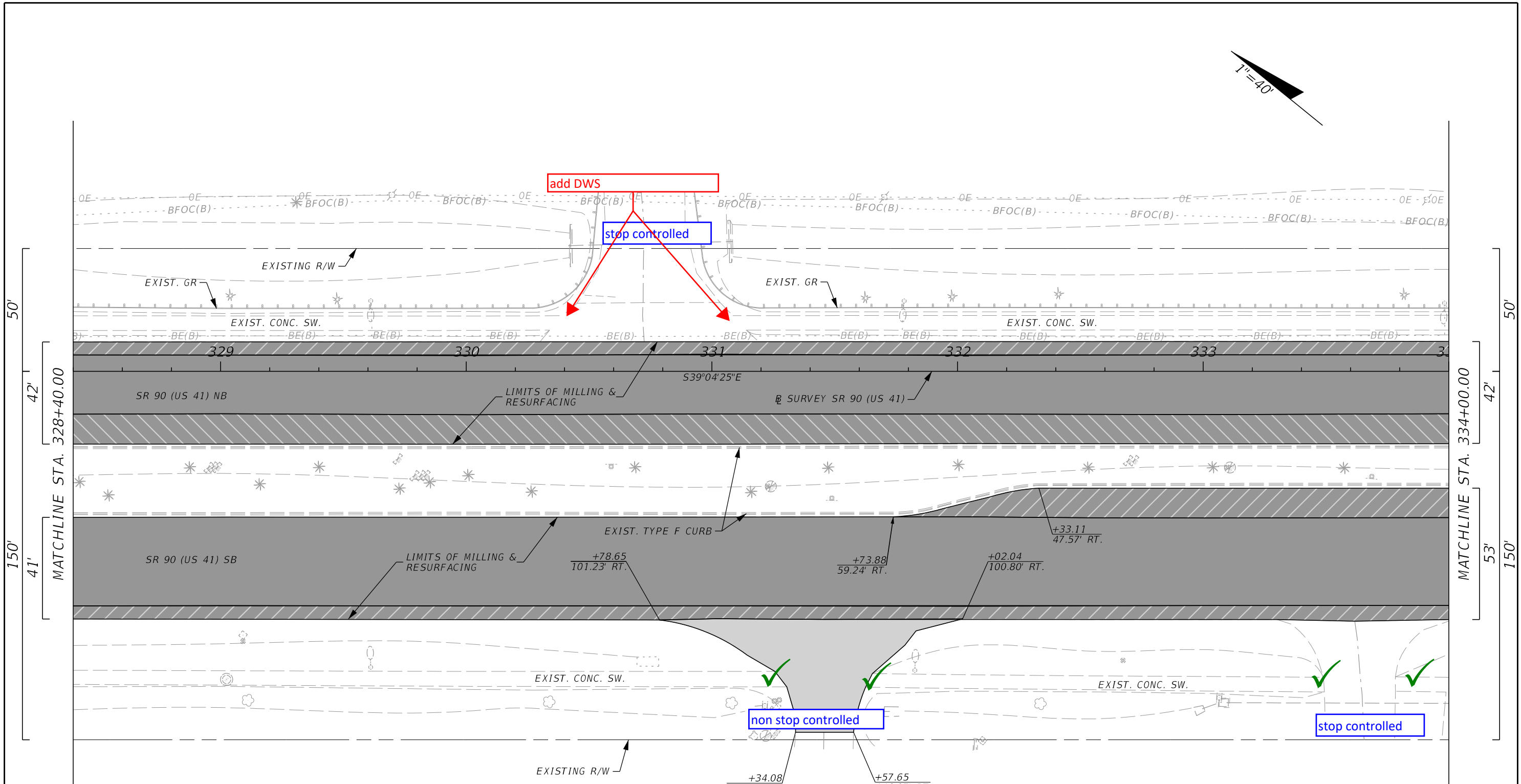
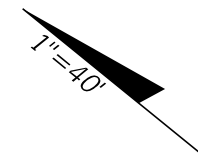
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

ROADWAY PLAN

SHEET NO.
28

10/16/2023 11:38:19 AM JKiriazes T:\1222055101.00 SR 90\44893015201\Roadway\PLANRD01.dgn

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LEGEND

	TRAVEL LANES MILLING & RESURFACING
	TRAVEL LANES (L1) MILLING & RESURFACING
	AUX. LANE, AND SHOULDER MILLING & RESURFACING
	TURNOUT AND Crossover MILLING & RESURFACING

10/16/2023 11:38:20 AM JKiriazes T:\122305101.00 SR 90\44893015201\Roadway\PLAN\RD01.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
 Phone: (407) 629-2185
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

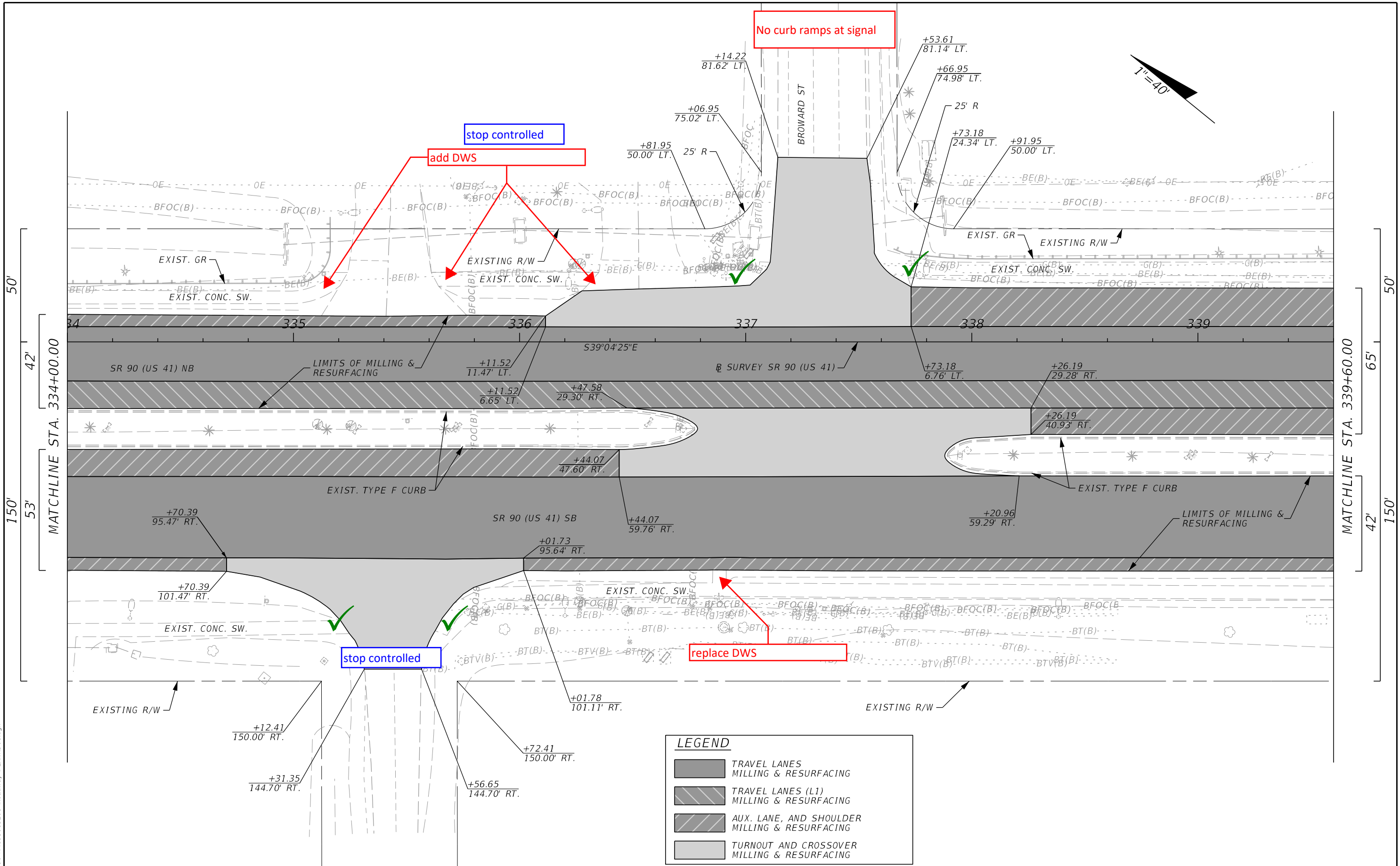
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

ROADWAY PLAN

SHEET NO.
29

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10/16/2023 11:38:20 AM JKiriazes
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
 Phone: (407) 629-2185
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

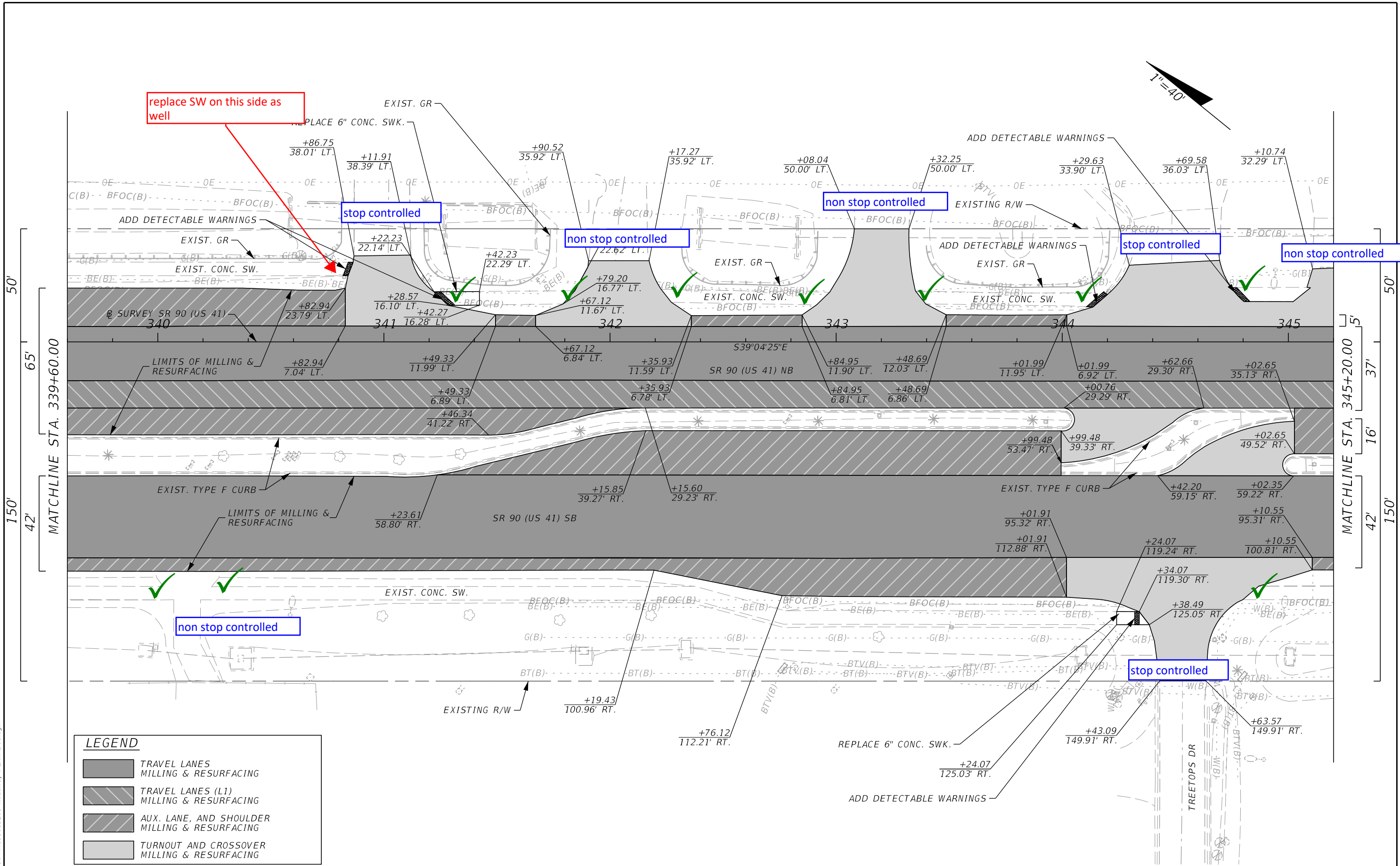
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

ROADWAY PLAN

SHEET NO.
30

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replace SW on this side as well



LEGEND

	TRAVEL LANES MILLING & RESURFACING
	TRAVEL LANES (L1) MILLING & RESURFACING
	AUX. LANE, AND SHOULDER MILLING & RESURFACING
	TURNOUT AND CROSSOVER MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

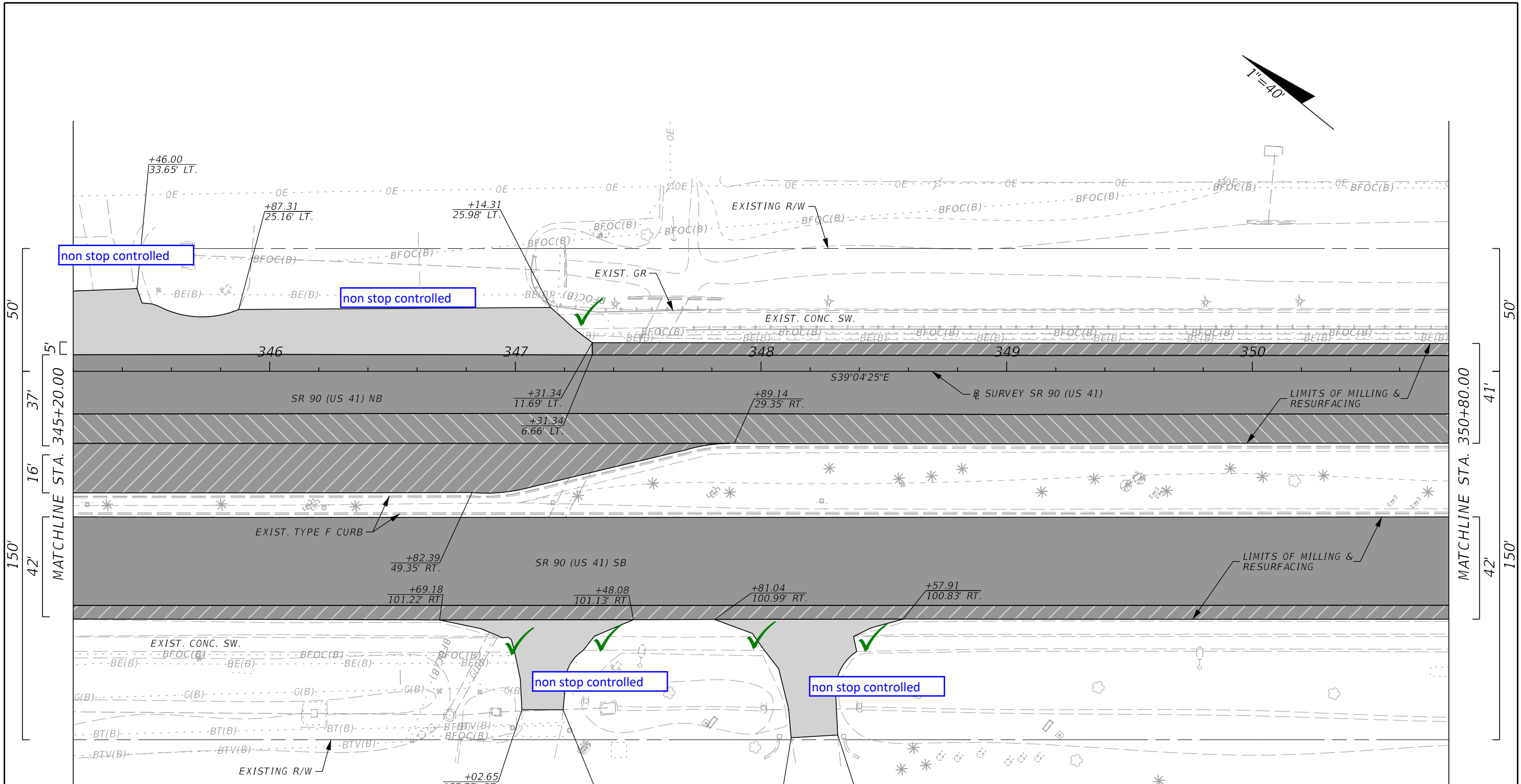
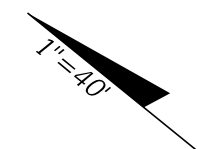
The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
 Phone: (407) 629-2185
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

ROADWAY PLAN		SHEET NO. 31
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10/16/2023 11:38:21 AM JKirrazes T:\1222055101.00 SR 90\44893015201\Roadway\PLAN\RD01.dgn

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LEGEND

- TRAVEL LANES MILLING & RESURFACING
- TRAVEL LANES (L1) MILLING & RESURFACING
- AUX. LANE, AND SHOULDER MILLING & RESURFACING
- TURNOUT AND CROSSOVER MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
 Phone: (407) 629-2185
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

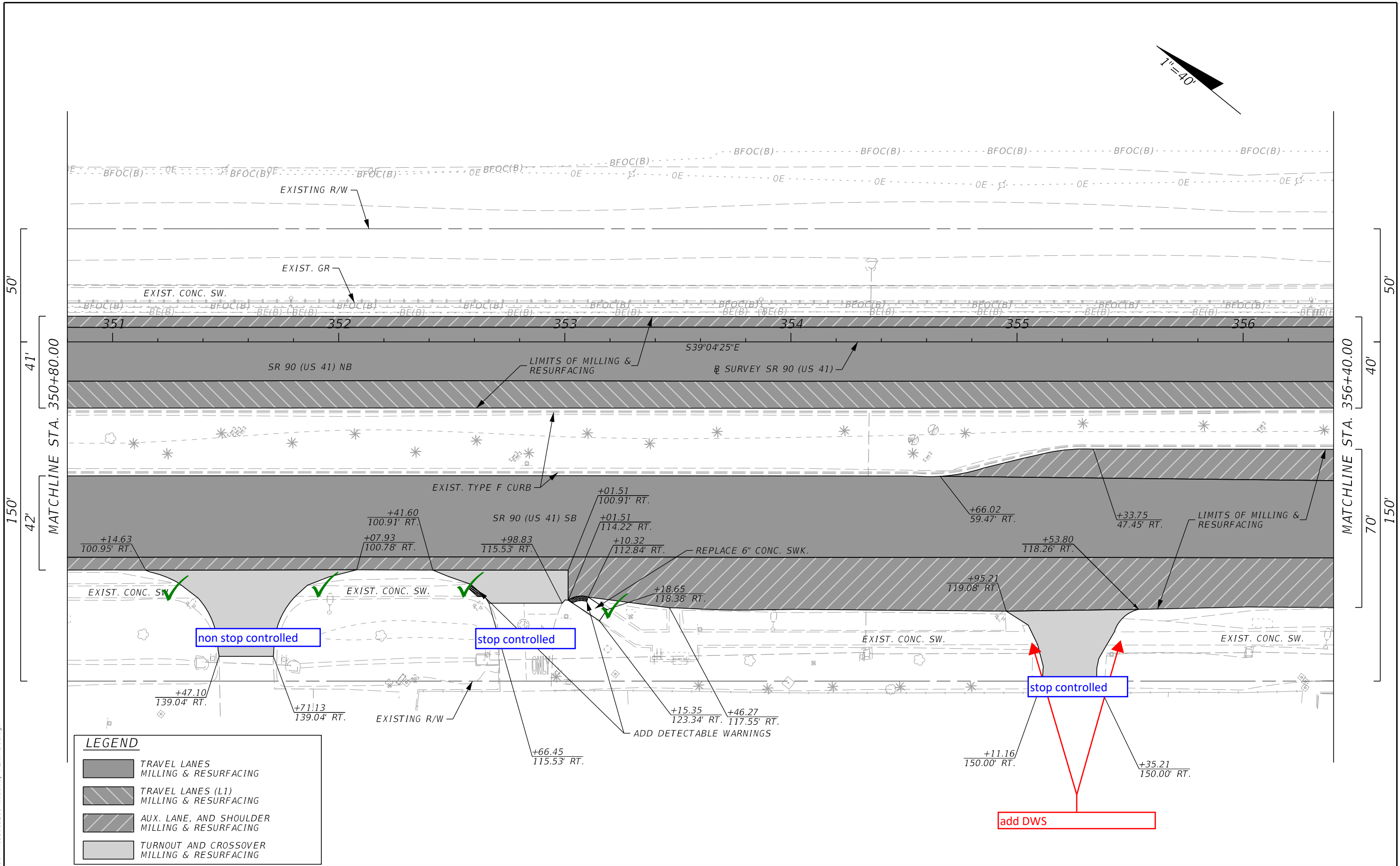
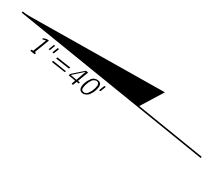
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

ROADWAY PLAN

SHEET NO.
32

10/16/2023 11:38:21 AM JKiriazes
 T:\1222055101.00 SR 90\44893015201\Roadway\PLAN\RD01.dgn

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LEGEND

	TRAVEL LANES MILLING & RESURFACING
	TRAVEL LANES (L1) MILLING & RESURFACING
	AUX. LANE, AND SHOULDER MILLING & RESURFACING
	TURNOUT AND CROSSOVER MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
 Phone: (407) 629-2185
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

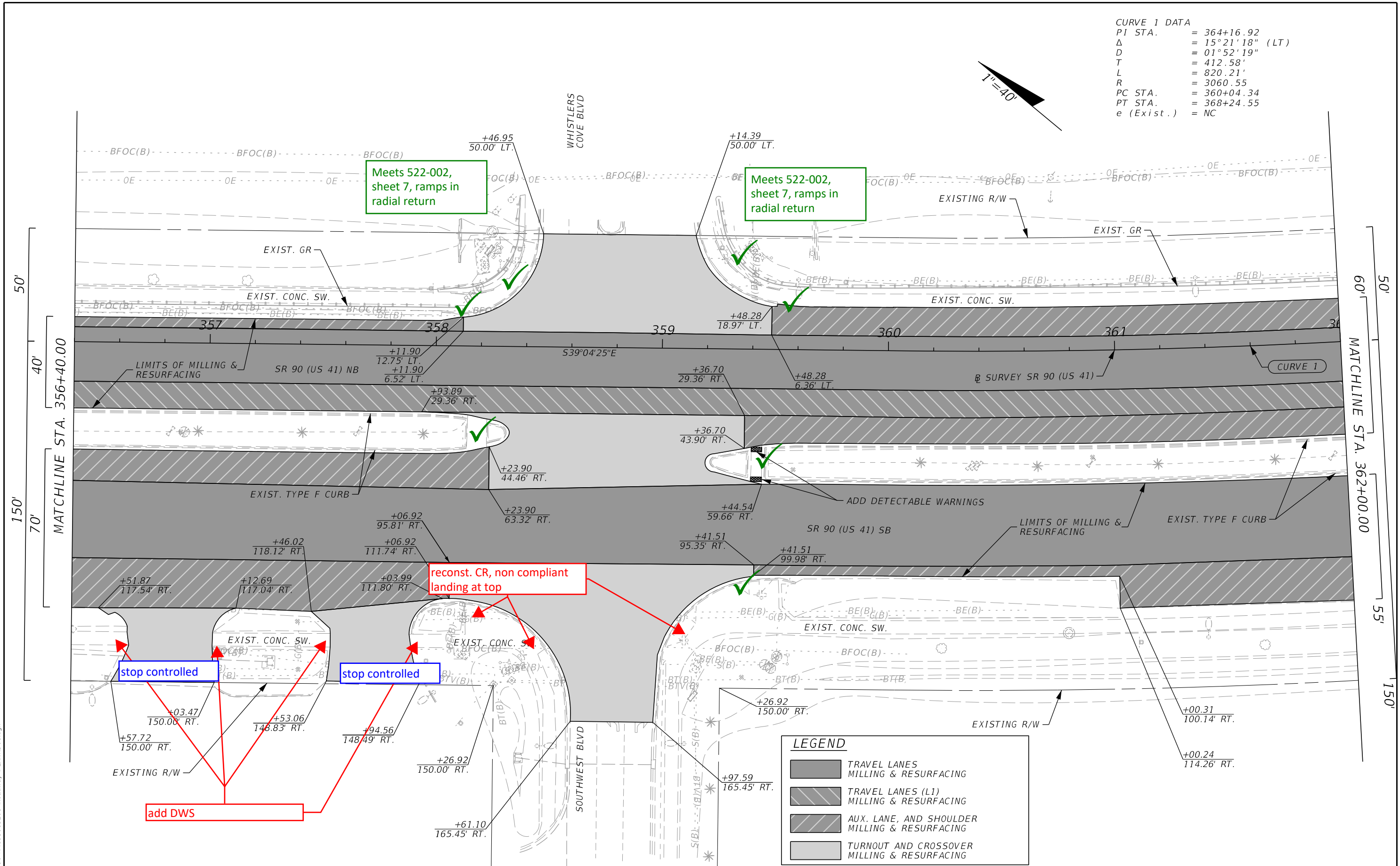
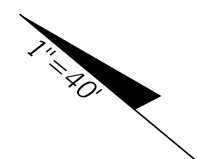
ROADWAY PLAN

SHEET NO.
33

10/16/2023 11:38:22 AM JKiriazes T:\12223051\01.00 SR 90\448930\15201\Roadway\PLANRD01.dgn

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

CURVE 1 DATA
 PI STA. = 364+16.92
 Δ = 15°21'18" (LT)
 D = 01°52'19"
 T = 412.58'
 L = 820.21'
 R = 3060.55
 PC STA. = 360+04.34
 PT STA. = 368+24.55
 e (Exist.) = NC



LEGEND

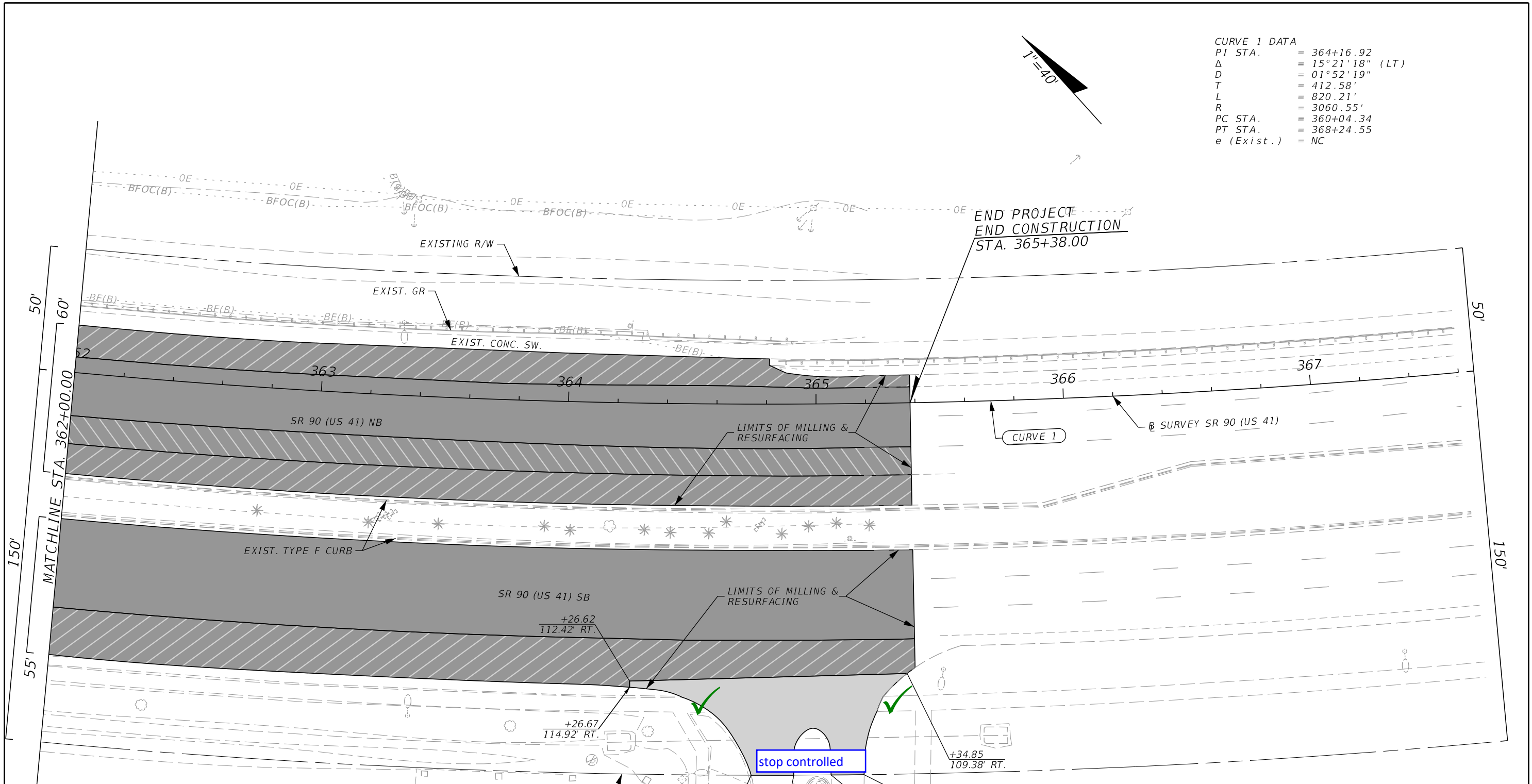
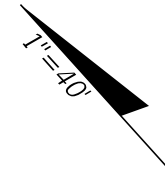
	TRAVEL LANES MILLING & RESURFACING
	TRAVEL LANES (L1) MILLING & RESURFACING
	AUX. LANE, AND SHOULDER MILLING & RESURFACING
	TURNOUT AND CROSSOVER MILLING & RESURFACING

10/16/2023 11:38:22 AM JKiriazes T:\122305101.00 SR 90\44893015201\Roadway\PLAN\RD01.dgn

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REVISIONS				The Balmoral Group 165 Lincoln Avenue Winter Park, FL 32789 Phone: (407) 629-2185 E.O.R.: Albert R. Smidebush, P.E. No. 73052	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO. 34
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 90	COLLIER	448930-152-01		

CURVE 1 DATA
 PI STA. = 364+16.92
 Δ = 15°21'18" (LT)
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 T = 412.58'
 L = 820.21'
 R = 3060.55'
 PC STA. = 360+04.34
 PT STA. = 368+24.55
 e (Exist.) = NC



LEGEND

	TRAVEL LANES MILLING & RESURFACING
	TRAVEL LANES (L1) MILLING & RESURFACING
	AUX. LANE, AND SHOULDER MILLING & RESURFACING
	TURNOUT AND CROSSOVER MILLING & RESURFACING

10/16/2023 11:38:23 AM JKiriazes T:\122305101.00 SR 90\44893015201\Roadway\PLAN\RD01.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

The Balmoral Group
 165 Lincoln Avenue
 Winter Park, FL 32789
 Phone: (407) 629-2185
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-152-01

ROADWAY PLAN

SHEET NO.
35

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