

**CONTRACT PLANS COMPONENTS**

ROADWAY PLANS  
SIGNING AND PAVEMENT MARKING

**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLANS**

FINANCIAL PROJECT ID 448930-1-52-01

COLLIER COUNTY (03010)

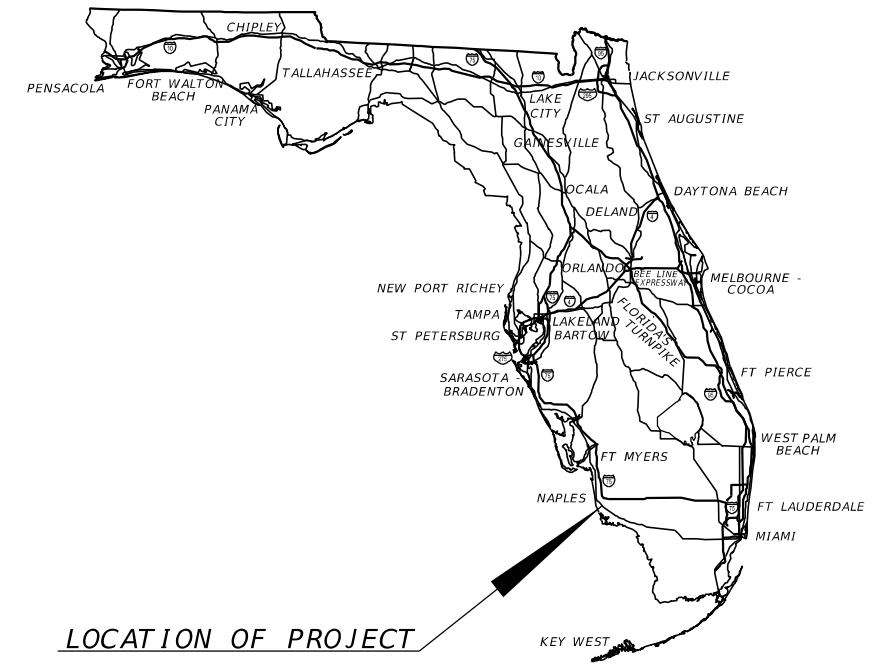
STATE ROAD NO. 90

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

**INDEX OF ROADWAY PLANS**

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
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9 - 38	ROADWAY PLAN
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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



LOCATION OF PROJECT

**PHASE IIR SUBMITTAL  
MARCH 28, 2024**

**GOVERNING STANDARD PLANS:**

Florida Department of Transportation, FY2024-25 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 2024-25 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

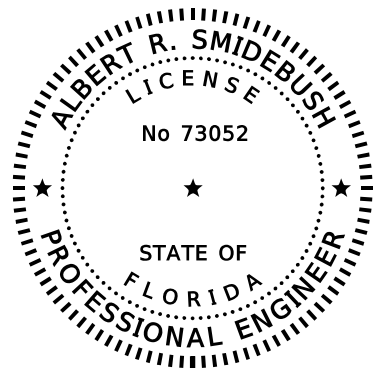
**ROADWAY PLANS  
ENGINEER OF RECORD:**

ALBERT R. SMIDEBUSH, PE.  
P.E. LICENSE NUMBER 73052  
THE BALMORAL GROUP  
165 LINCOLN AVENUE  
WINTER PARK, FL 32789  
(407) 629-2185  
CONTRACT NO.: CAM87  
VENDOR NO.: 03-0546876-001

**FDOT PROJECT MANAGER:**

DAVID AGACINSKI

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
TBD	25	1



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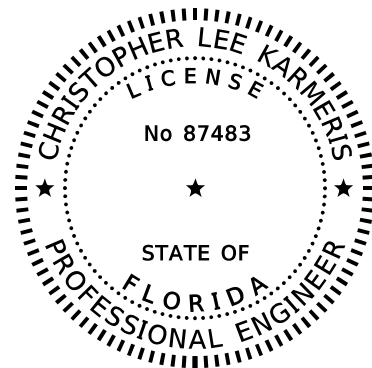
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THE BALMORAL GROUP  
 165 LINCOLN AVENUE  
 WINTER PARK, FL 32789  
 PHONE: (407) 629-2185  
 ALBERT R. SMIDEBUSH, P.E. NO. 73052

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

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
1	KEY SHEET
2	SIGNATURE SHEET
3 - 4	TYPICAL SECTIONS
5 - 6	PROJECT CONTROL
7	GENERAL NOTES
8 - 37	ROADWAY PLAN
38	SPECIAL DETAILS
50 - 79	UTILITY ADJUSTMENTS



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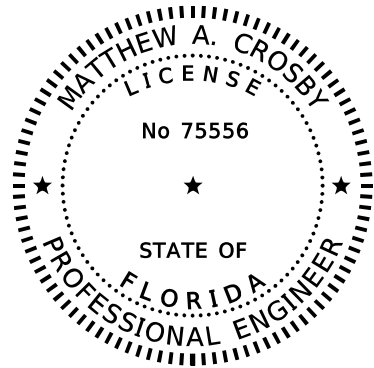
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ANTHEM CONSULTING ENGINEERS  
 47 E. YALE STREET  
 ORLANDO, FL 32804  
 PHONE: (407) 864-1609  
 CHRISTOPHER LEE KARMERIS, P.E. NO. 87483

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<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
2	SIGNATURE SHEET
39 - 48	TEMPORARY TRAFFIC CONTROL PLAN



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CORE ENGINEERING GROUP  
 100 EAST PINE STREET, SUITE 110  
 ORLANDO, FL 32801  
 PHONE: 407-604-0690  
 MATTHEW A. CROSBY P.E. NO. 75556

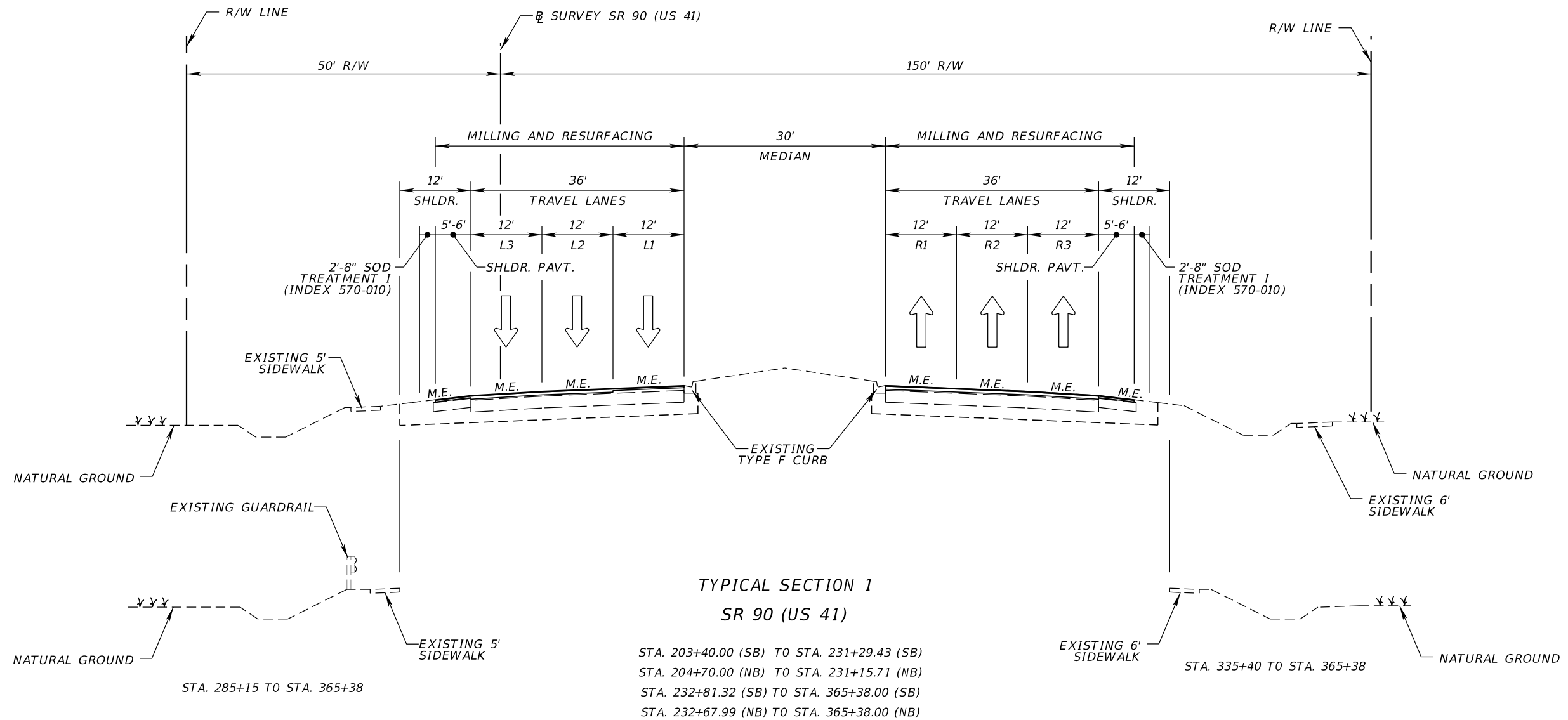
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<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
2	SIGNATURE SHEET
80 - 84	SIGNALIZATION PLAN

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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			SHEET NO.  2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					SR 90	COLLIER	448930-1-52-01	

*SIGNATURE SHEET*



**TRAVEL LANES (R1, R2, L2)**

MILL EXISTING ASPHALT PAVEMENT (2 3/4" DEPTH)  
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (PG 76-22) (2")  
 FRICTION COURSE FC-5 (PG 76-22) (3/4")

**TRAVEL LANES (R3, L1, L3)**

MILL EXISTING ASPHALT PAVEMENT (2 1/4" DEPTH)  
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (PG 76-22) (1 1/2")  
 FRICTION COURSE FC-5 (PG 76-22) (3/4")

**AUXILIARY LANES AND SHOULDERS**

MILL EXISTING ASPHALT PAVEMENT (2 1/4" DEPTH)  
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (PG 76-22) (1 1/2")  
 FRICTION COURSE FC-5 (PG 76-22) (3/4")

**SR 90 TRAFFIC DATA**

CURRENT YEAR = 2023 AADT = 43,000  
 ESTIMATED OPENING YEAR = 2024 AADT = 43,500  
 ESTIMATED DESIGN YEAR = 2045 AADT = 48,600  
 K = 9.0% D = 55.9% T = 4.0% (24 HOUR)  
 DESIGN HOUR T = 2.0%  
 DESIGN SPEED = 50 MPH  
 CONTEXT CLASSIFICATION = C3R

**SIDE STREETS**

MILL EXISTING ASPHALT PAVEMENT (1 1/2" DEPTH)  
 FRICTION COURSE FC-12.5 (PG 76-22) (1 1/2")

**CROSSOVERS**

MILL EXISTING ASPHALT PAVEMENT (1 1/2" DEPTH)  
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (PG 76-22) (1 1/2")

**LEGEND**

→ TRAVEL LANE  
 M.E. MATCH EXISTING

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

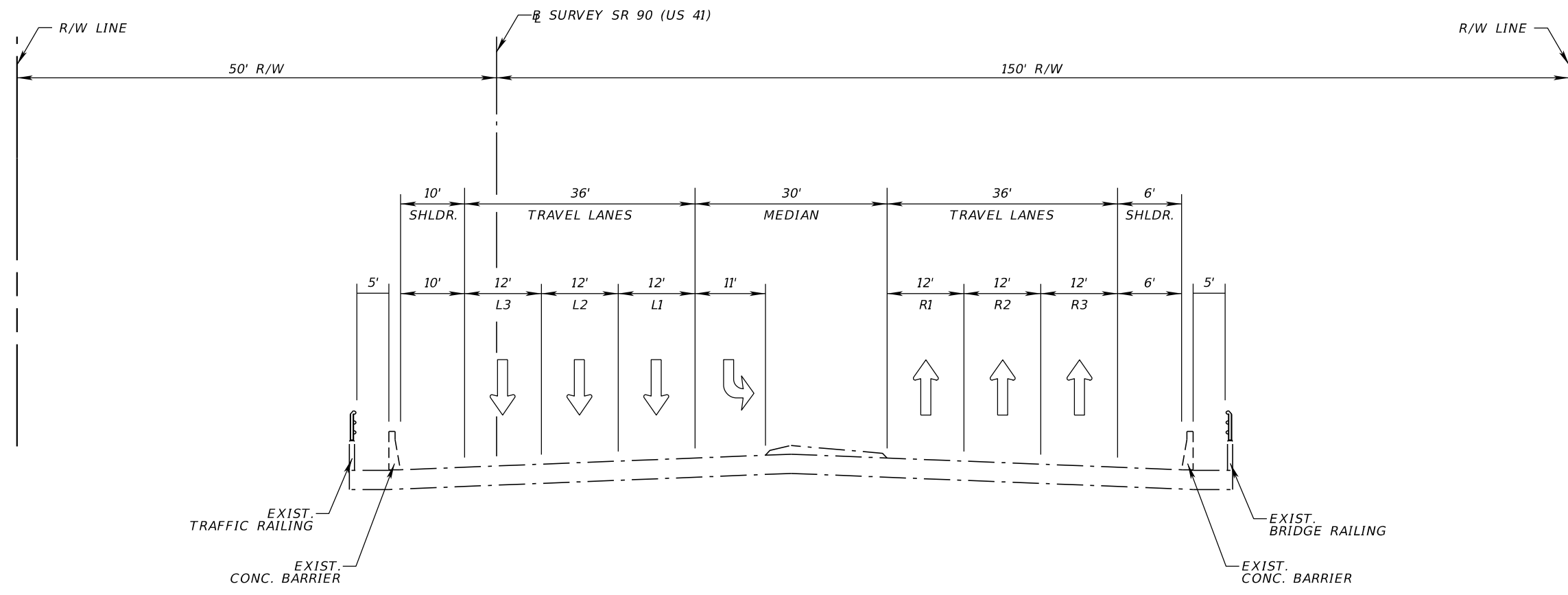
The Balmoral Group  
 165 Lincoln Avenue  
 Winter Park, FL 32789  
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 E.O.R.: Albert R. Smidebush, P.E. No. 73052

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

**TYPICAL SECTIONS**

SHEET NO.  
3

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**TYPICAL SECTION 2**  
**SR 90 (US 41) BRIDGES**  
**BRIDGE NO. 030310**  
**BRIDGE NO. 030193**

BRIDGE NO. 030310: STA. 231+15.71 (NB) TO STA. 232+67.99 (NB)  
 BRIDGE NO. 030193: STA. 231+29.43 (SB) TO STA. 232+81.32 (SB)

**TYPICAL SECTION NOTES:**

1. EXERCISE EXTREME CARE TO ENSURE THAT MILLING OPERATIONS DOES NOT DAMAGE THE EXISTING CONCRETE STRUCTURE DECK.
2. TYPICAL SECTION FOR INFORMATION PURPOSES ONLY. NO WORK IS PROPOSED IN THE BRIDGE LIMITS EXCEPT FOR STRIPING.

**SR 90 TRAFFIC DATA**

CURRENT YEAR = 2023 AADT = 43,000  
 ESTIMATED OPENING YEAR = 2024 AADT = 43,500  
 ESTIMATED DESIGN YEAR = 2045 AADT = 48,600  
 K = 9.0% D = 55.9% T = 4.0% (24 HOUR)  
 DESIGN HOUR T = 2.0%  
 DESIGN SPEED = 50 MPH  
 CONTEXT CLASSIFICATION = C3R

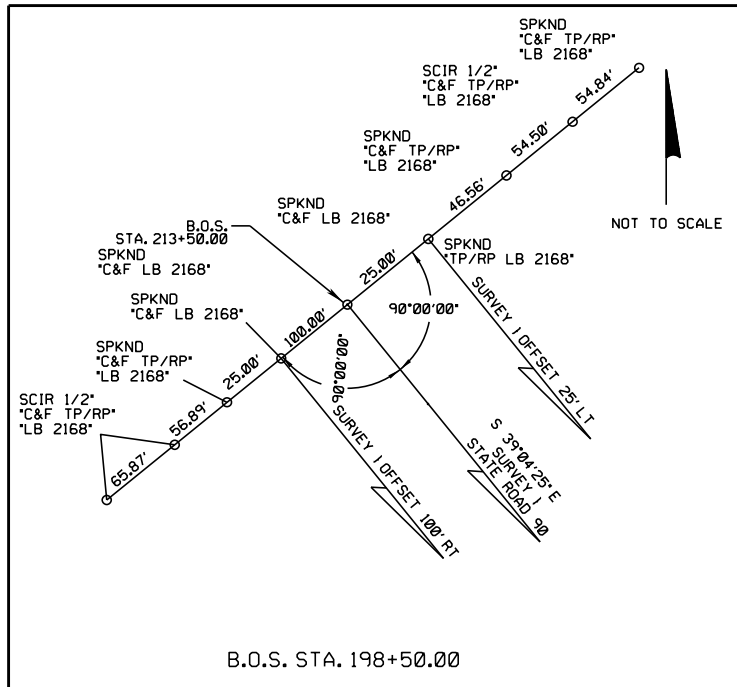


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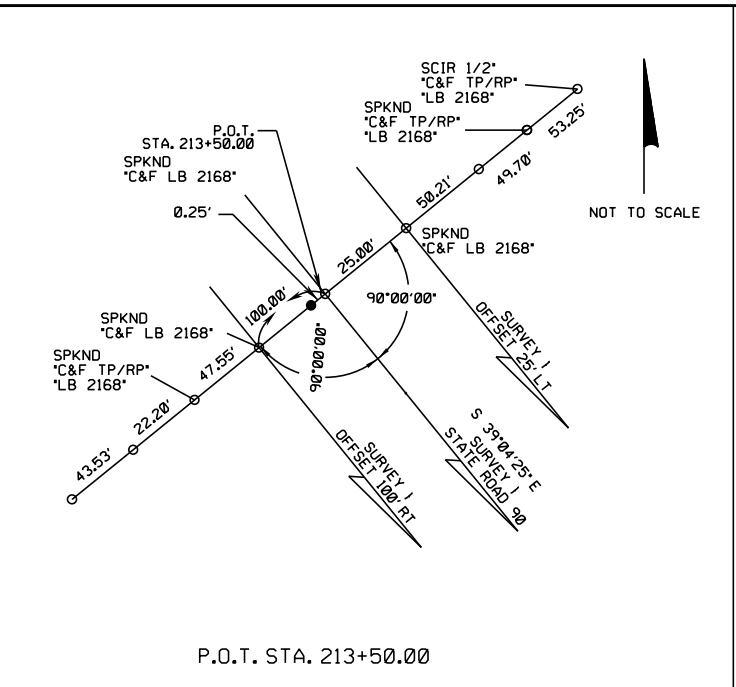
REVISIONS				The Balmoral Group 165 Lincoln Avenue Winter Park, FL 32789 Phone: (407) 629-2185 E.O.R.: Albert R. Smidebush, P.E. No. 73052	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>TYPICAL SECTIONS</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		4
					SR 90	COLLIER	448930-1-52-01		

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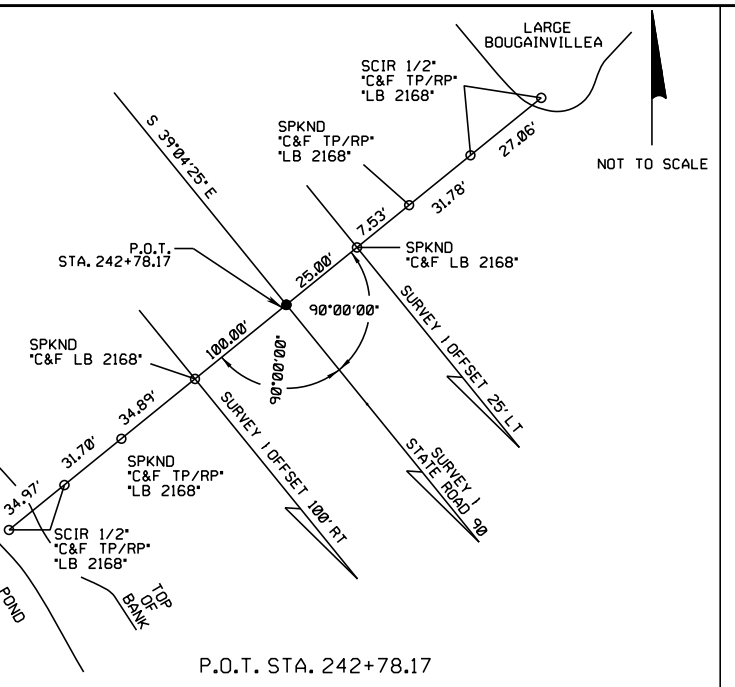




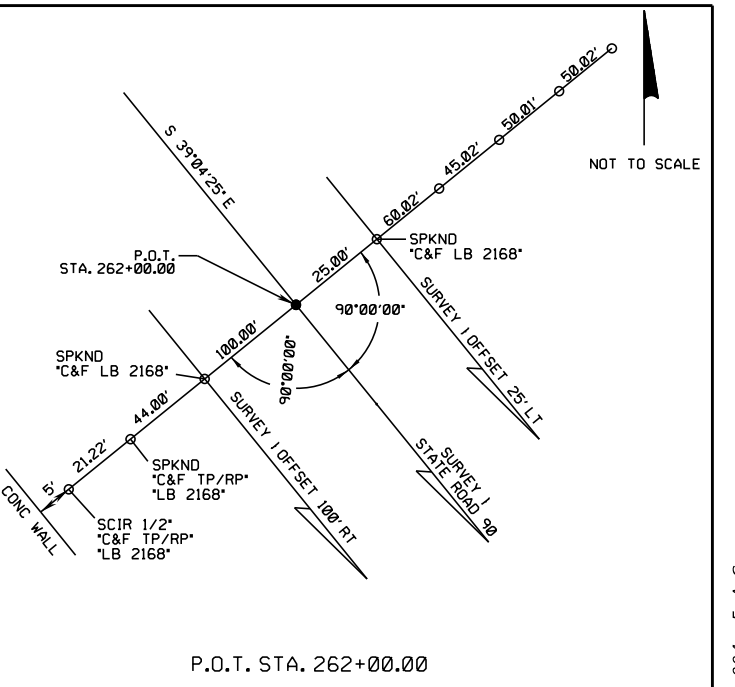
B.O.S. STA. 198+50.00



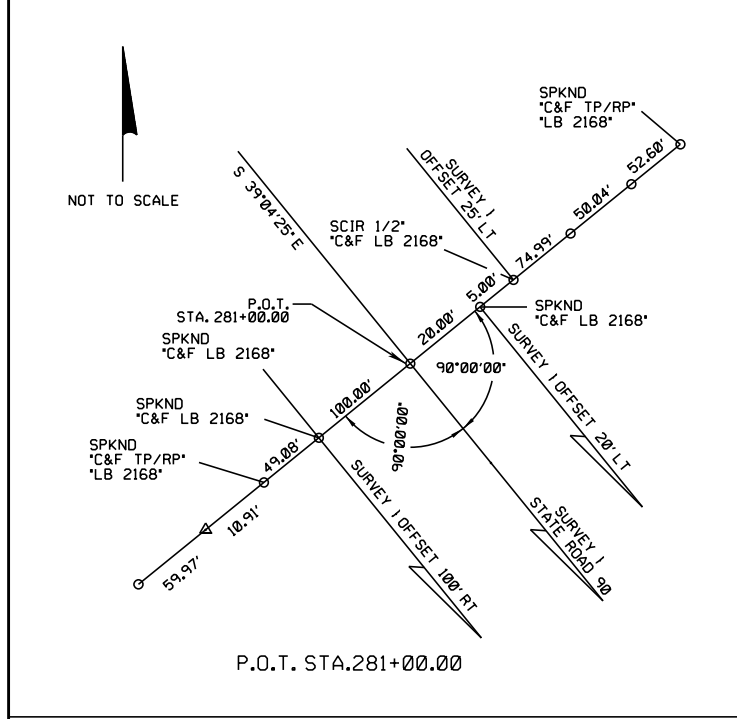
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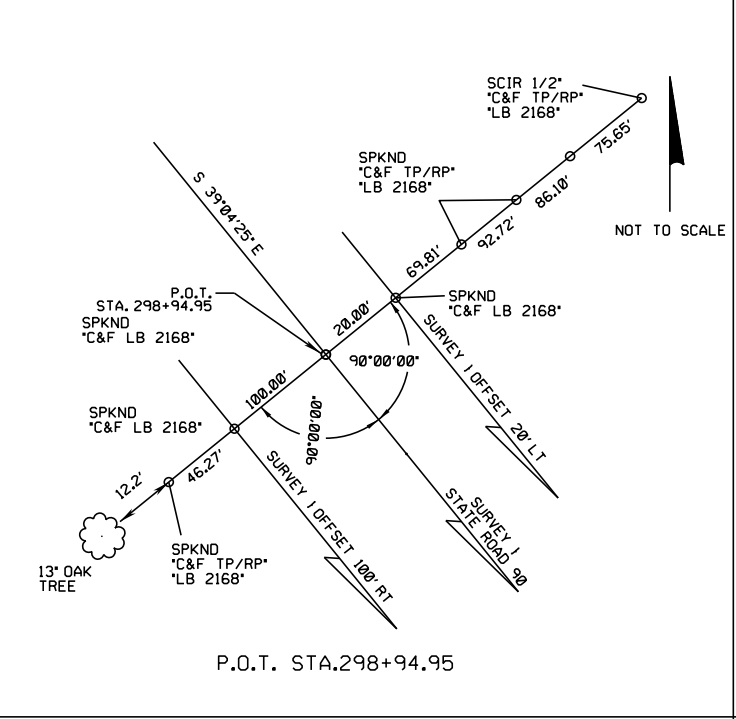
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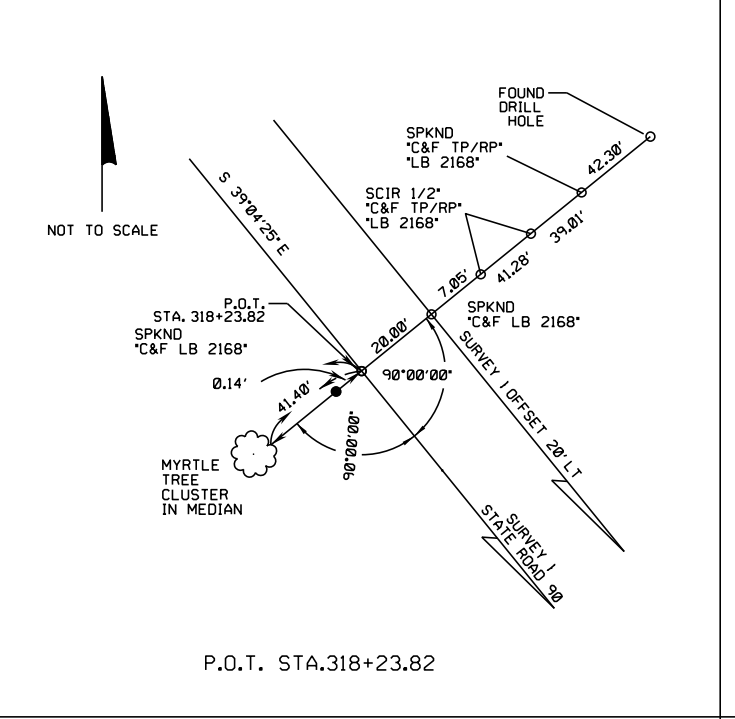
P.O.T. STA. 262+00.00



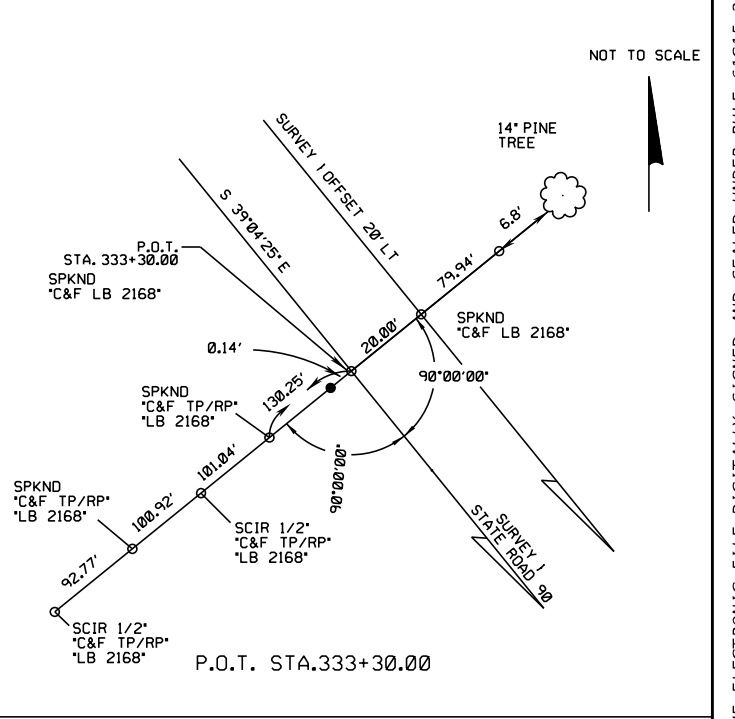
P.O.T. STA. 281+00.00



P.O.T. STA. 298+94.95



P.O.T. STA. 318+23.82



P.O.T. STA. 333+30.00

- LEGEND**
- DENOTES SURVEY BASE LINE STATE ROAD 90 UNLESS OTHERWISE NOTED
  - FOUND MAGNETIC NAIL & DISK 'LB 7055' (UNLESS OTHERWISE NOTED)
  - ▲ FOUND 5/8" IRON ROD WITH CAP 'REF PT LB 7055' (UNLESS OTHERWISE NOTED)
  - FOUND MAGNETIC NAIL & DISK 'LB 7055 REF' (UNLESS OTHERWISE NOTED)
  - B.O.S. BEGINNING OF SURVEY
  - E.O.S. END OF SURVEY
  - P.C. POINT OF CURVATURE
  - P.I. POINT OF INTERSECTION
  - P.O.T. POINT ON TANGENT
  - P.T. POINT OF TANGENCY

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

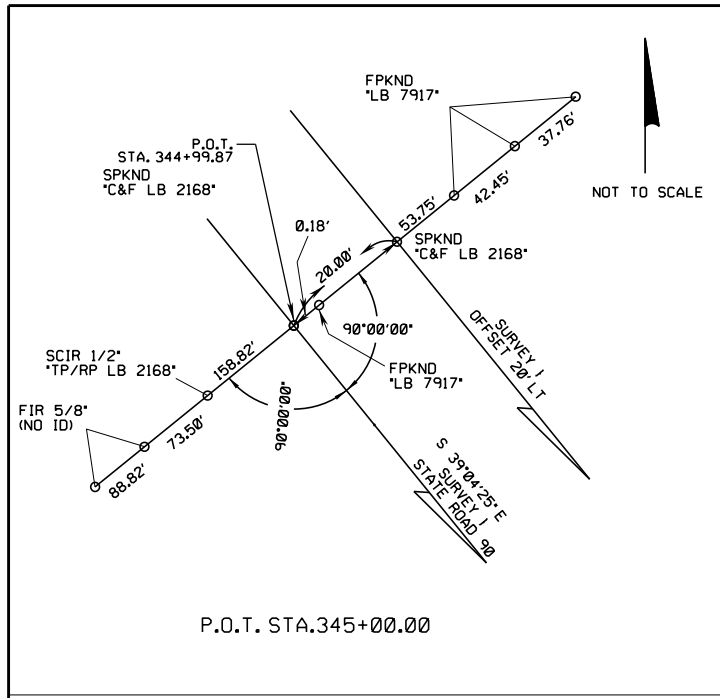
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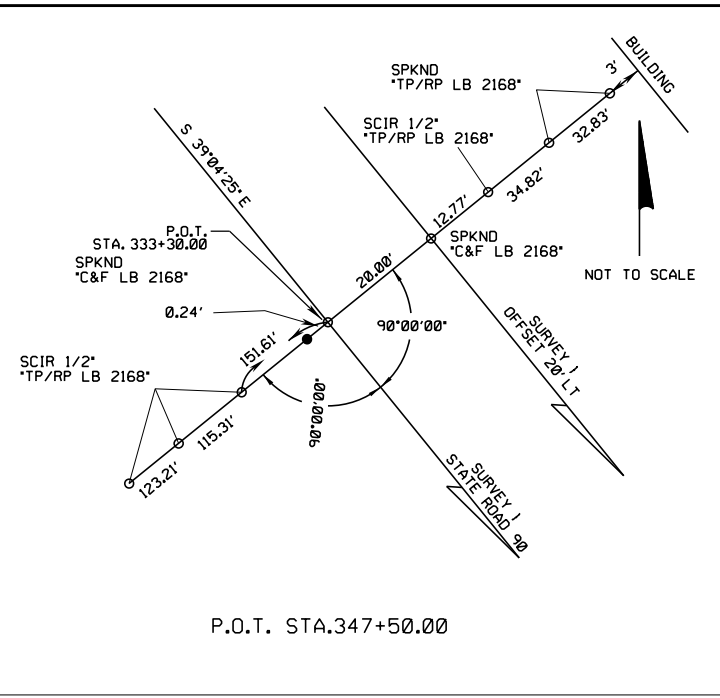
**PROJECT CONTROL**

SHEET NO. 5

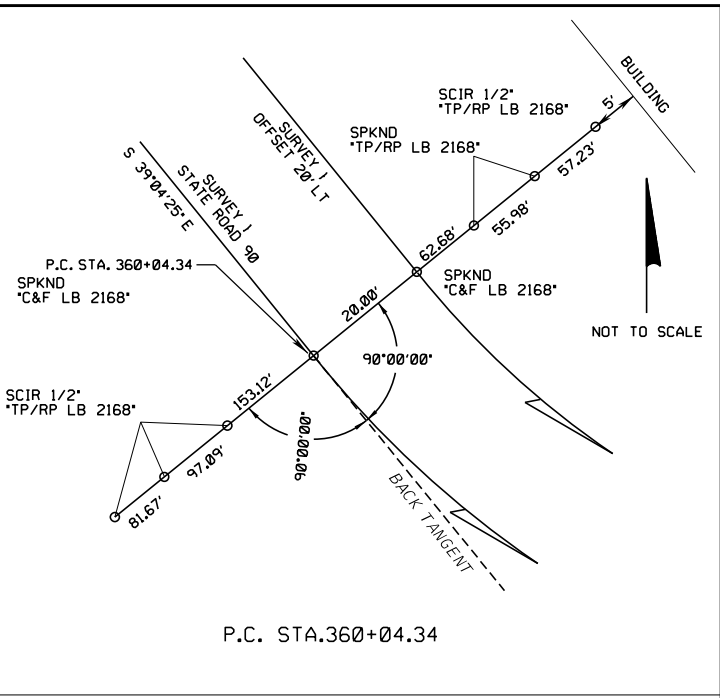
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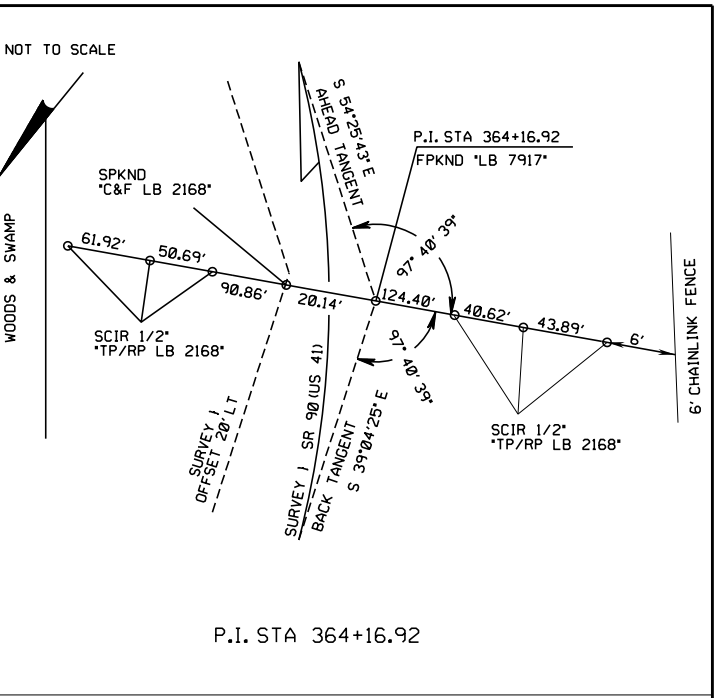
P.O.T. STA. 345+00.00



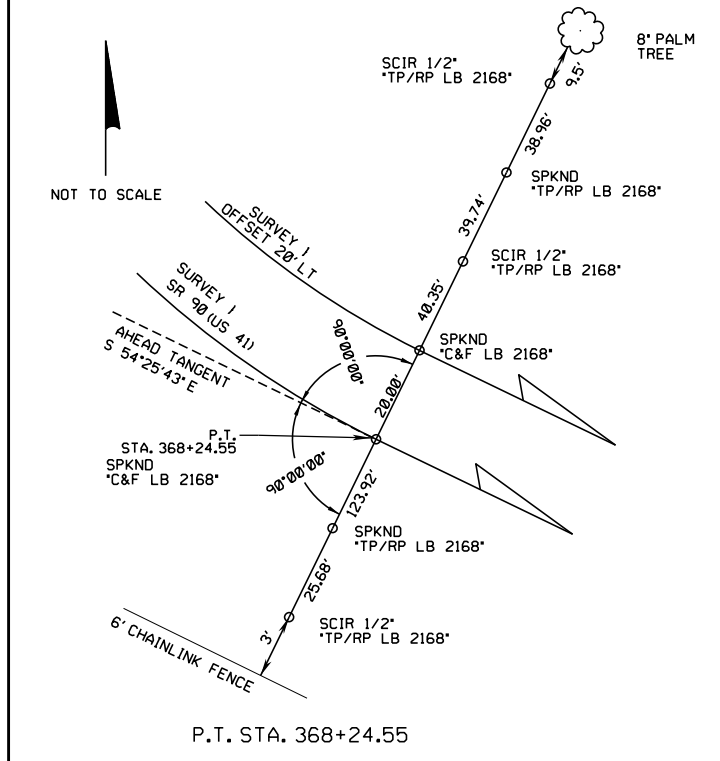
P.O.T. STA. 347+50.00



P.C. STA. 360+04.34



P.I. STA. 364+16.92



P.T. STA. 368+24.55

**LEGEND**

	DENOTES SURVEY BASE LINE STATE ROAD 90 UNLESS OTHERWISE NOTED
●	FOUND MAGNETIC NAIL & DISK 'LB 7055' (UNLESS OTHERWISE NOTED)
△	FOUND 5/8" IRON ROD WITH CAP 'REF PT LB 7055' (UNLESS OTHERWISE NOTED)
○	FOUND MAGNETIC NAIL & DISK 'LB 7055 REF' (UNLESS OTHERWISE NOTED)
B.O.S.	BEGINNING OF SURVEY
E.O.S.	END OF SURVEY
P.C.	POINT OF CURVATURE
P.I.	POINT OF INTERSECTION
P.O.T.	POINT ON TANGENT
P.T.	POINT OF TANGENCY

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

*PROJECT CONTROL*

SHEET  
NO.  
  
6

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HORIZONTAL AND VERTICAL CONTROL

STAMPING ID	ALIGNMENT	STATION	OFFSET	ELEVATION (Z)	DESCRIPTION	NORTHING (Y)	EASTING (X)	LATITUDE	LONGITUDE	SCALE FACTOR
A1	US41	N/A	N/A	7.951	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	647581.1064	408896.1563	26°06'47.83046" N	81°45'12.78357" W	1.00001129
A2	US41	N/A	N/A	6.437	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	647221.4912	409121.9389	26°06'44.28181" N	81°45'10.28388" W	1.00001116
A3	US41	200+98.50	55.20' RT	8.047	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	646891.2429	409456.1628	26°06'41.03018" N	81°45'06.59650" W	1.00001097
A4	US41	205+29.36	102.9' RT	6.850	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	646526.6847	409690.7042	26°06'37.43304" N	81°45'04.00051" W	1.00001084
A5	US41	209+74.93	15.90' LT	7.040	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	646255.6548	410063.7831	26°06'34.77008" N	81°44'59.89074" W	1.00001063
A6	US41	214+42.42	129.08' RT	6.931	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	645801.3396	410245.8988	26°06'30.28097" N	81°44'57.86428" W	1.00001052
A7	US41	219+19.89	30.72' LT	6.488	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	645531.3868	410670.9167	26°06'27.63158" N	81°44'53.18494" W	1.00001028
A8	US41	223+29.41	37.07' RT	9.175	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	645170.7318	410876.4134	26°06'24.07137" N	81°44'50.90800" W	1.00001017
A9	US41	227+49.23	117.22' RT	6.672	SET PARKER KALON NAIL AND DISK STAMPED "TP RP LB 2168"	644794.2882	411078.8122	26°06'20.35460" N	81°44'48.66409" W	1.00001005
A10	US41	231+25.59	40.90' RT	8.410	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	644550.2197	411375.2904	26°06'17.95420" N	81°44'45.39654" W	1.00000989
A11	US41	235+60.66	105.69' RT	6.741	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	644171.6164	411599.2202	26°06'14.21723" N	81°44'42.91639" W	1.00000976
A12	US41	240+69.37	53.73' RT	7.898	SET PARKER KALON NAIL AND DISK STAMPED "TP RP LB 2168"	643809.4392	411960.2158	26°06'10.65070" N	81°44'38.93382" W	1.00000956
A13	US41	245+69.18	12.27' LT	7.072	SET PARKER KALON NAIL AND DISK STAMPED "TP RP LB 2168"	643463.0187	412326.4948	26°06'07.24048" N	81°44'34.89434" W	1.00000935
A14	US41	249+91.77	99.72' RT	6.905	SET PARKER KALON NAIL AND DISK STAMPED "TP RP LB 2168"	643064.3558	412505.9160	26°06'03.30228" N	81°44'32.90131" W	1.00000925
A15	US41	254+26.53	12.42' LT	6.795	SET PARKER KALON NAIL AND DISK STAMPED "TP RP LB 2168"	642797.5262	412867.0115	26°06'00.67999" N	81°44'28.92378" W	1.00000905
A16	US41	258+35.01	103.63' RT	6.463	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	642407.2609	413034.3894	26°05'56.82425" N	81°44'27.06347" W	1.00000896
A17	US41	262+29.07	25.55' LT	6.370	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	642182.7547	413383.0589	26°05'54.62038" N	81°44'23.22497" W	1.00000877
A18	US41	266+85.86	107.91' RT	6.109	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	641744.0081	413567.3699	26°05'50.28541" N	81°44'21.17598" W	1.00000866
A19	US41	269+27.28	32.12' LT	5.970	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	641644.8546	413828.2550	26°05'49.31806" N	81°44'18.30824" W	1.00000852
A20	US41	273+36.17	100.41' RT	7.082	SET PARKER KALON NAIL AND DISK STAMPED "TP RP LB 2168"	641243.8784	413983.0954	26°05'45.35549" N	81°44'16.58493" W	1.00000843
A21	US41	277+97.37	33.80' RT	8.138	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	640927.8190	414325.5157	26°05'42.24445" N	81°44'12.80945" W	1.00000824
A22	US41	282+06.88	106.41' RT	6.651	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	640564.1377	414527.2653	26°05'38.65386" N	81°44'10.57401" W	1.00000813
A23	US41	286+20.07	16.43' LT	6.142	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	640320.7865	414883.0668	26°05'36.26362" N	81°44'06.65637" W	1.00000793
A24	US41	290+03.09	14.20' LT	6.565	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	640022.0264	415122.7645	26°05'33.31810" N	81°44'04.00881" W	1.00000780
A25	US41	294+97.10	38.84' RT	9.080	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	639605.0768	415392.9701	26°05'29.20372" N	81°44'01.01936" W	1.00000765
A26	US41	299+53.35	104.03' RT	6.370	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	639209.7857	415629.9417	26°05'25.30197" N	81°43'58.39583" W	1.00000752
A27	US41	303+57.00	14.25' LT	6.958	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	638970.9692	415976.1946	26°05'22.95601" N	81°43'54.58339" W	1.00000733
A28	US41	307+78.96	52.18' RT	8.866	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	638601.5172	416190.5923	26°05'19.30889" N	81°43'52.20913" W	1.00000721
A29	US41	312+09.59	113.23' RT	6.718	SET PARKER KALON NAIL AND DISK STAMPED "TP RP LB 2168"	638228.7216	416414.6279	26°05'15.62917" N	81°43'49.72900" W	1.00000709
A30	US41	315+72.42	13.19' LT	6.988	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	638026.7270	416741.4810	26°05'13.64675" N	81°43'46.13173" W	1.00000691
A31	US41	319+82.40	105.11' RT	6.469	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	637633.8770	416908.0584	26°05'09.76520" N	81°43'44.28064" W	1.00000682
A32	US41	323+54.85	13.39' LT	7.240	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	637419.4276	417234.8131	26°05'07.65938" N	81°43'40.68376" W	1.00000664
A33	US41	327+67.49	100.57' RT	6.990	SET PARKER KALON NAIL AND DISK STAMPED "TP RP LB 2168"	637027.2500	417406.4346	26°05'03.78475" N	81°43'38.77746" W	1.00000654
A34	US41	331+64.39	11.66' LT	7.402	SET PARKER KALON NAIL AND DISK STAMPED "TP RP LB 2168"	636789.8582	417743.7385	26°05'01.45225" N	81°43'35.06356" W	1.00000636
A35	US41	335+87.85	34.22' RT	8.995	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	636432.1919	417975.0320	26°04'57.92268" N	81°43'32.50501" W	1.00000623
A36	US41	340+83.26	100.48' RT	7.034	SET PARKER KALON NAIL AND DISK STAMPED "TP RP LB 2168"	636005.8252	418235.8600	26°04'53.71432" N	81°43'29.61840" W	1.00000609
A37	US41	345+37.89	31.81' RT	8.372	SET PARKER KALON NAIL AND DISK STAMPED "TP RP LB 2168"	635696.1629	418575.7334	26°04'50.66613" N	81°43'25.87205" W	1.00000591
A38	US41	349+13.82	105.03' RT	6.506	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	635358.1607	418755.8498	26°04'47.32845" N	81°43'23.87610" W	1.00000581
A39	US41	353+16.35	13.52' LT	7.218	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	635120.3812	419101.6017	26°04'44.99247" N	81°43'20.06975" W	1.00000562
A40	US41	358+08.61	43.48' RT	8.565	SET 1/2" IRON ROD AND CAP STAMPED "TP RP LB 2168"	634702.2969	419367.6353	26°04'40.86635" N	81°43'17.12676" W	1.00000547
A41	US41	362+63.13	19.32' LT	7.013	SET PARKER KALON NAIL AND DISK STAMPED "TP RP LB 2168"	634397.3788	419710.0878	26°04'37.86519" N	81°43'13.35262" W	1.00000529
A42	US41	366+40.13	98.55' RT	6.895	SET PARKER KALON NAIL AND DISK STAMPED "TP RP LB 2168"	634052.6272	419911.6623	26°04'34.46178" N	81°43'11.12110" W	1.00000518
A43	US41	370+11.49	10.69' LT	7.246	SET PARKER KALON NAIL AND DISK STAMPED "TP RP LB 2168"	633917.3930	420278.6741	26°04'33.14248" N	81°43'07.08799" W	1.00000498
BM 46-12	US41	216+18.49	156.75' RT	6.019	FOUND 4"X4" CONC MON WITH BRASS DISK STAMPED "BM 46-12"	645647.2095	410335.4004	26°06'28.75958" N	81°44'56.87274" W	1.00001047
BM 53-12	US41	286+30.04	149.65' RT	4.595	FOUND 4"X4" CONC MON WITH BRASS DISK STAMPED "BM 53-12"	640208.3657	414760.4244	26°05'35.14335" N	81°44'07.99459" W	1.00000800
BM 54-12	US41	294+87.53	150.26' RT	6.064	FOUND 4"X4" CONC MON WITH BRASS DISK STAMPED "BM 54-12"	639542.2808	415300.4355	26°05'28.57662" N	81°44'02.03042" W	1.00000770
BM 55-96	US41	304+86.56	155.56' RT	3.825	FOUND 4"X4" CONC MON WITH BRASS DISK STAMPED "BM 55-96"	638763.3593	415926.0304	26°05'20.89705" N	81°43'55.12080" W	1.00000736
BM 56-96	US41	314+95.28	155.19' RT	4.831	FOUND 4"X4" CONC MON WITH BRASS DISK STAMPED "BM 56-96"	637980.4782	416562.1354	26°05'13.17875" N	81°43'48.09591" W	1.00000701
BM 57-96	US41	324+78.61	160.90' RT	3.992	FOUND 4"X4" CONC MON WITH BRASS DISK STAMPED "BM 57-96"	637213.4833	417177.5148	26°05'05.61654" N	81°43'41.29956" W	1.00000667
BM 58-12	US41	334+87.10	148.67' RT	4.322	FOUND 4"X4" CONC MON WITH BRASS DISK STAMPED "BM 58-12"	636438.2679	417822.6820	26°04'57.97446" N	81°43'34.17626" W	1.00000632
BM 59-96	US41	344+28.98	153.02' RT	5.722	FOUND 4"X4" CONC MON WITH BRASS DISK STAMPED "BM 59-96"	635704.3146	418412.9858	26°04'50.73791" N	81°43'27.65743" W	1.00000599
BM 103	US41	372+92.13	27.04' LT	4.041	FOUND 4"X4" CONC MON WITH ALUMINUM DISK STAMPED "BM 103"	633767.4463	420516.4566	26°04'31.67038" N	81°43'04.47123" W	1.00000485
BM 104	US41	363+00.44	33.33' LT	4.555	FOUND 4"X4" CONC MON WITH ALUMINUM DISK STAMPED "BM 104"	634380.6666	419745.9421	26°04'37.70163" N	81°43'12.95840" W	1.00000527
BM 226R	US41	225+96.83	147.55' RT	6.669	SET 4"X4" CONC MON WITH ALUMINUM DISK STAMPED "BM 226R"	644893.4948	410959.2086	26°06'21.33034" N	81°44'49.98232" W	1.00001012
BM 238R	US41	238+04.92	191.27' RT	7.318	SET 4"X4" CONC MON WITH ALUMINUM DISK STAMPED "BM 238R"	643928.0483	411686.7476	26°06'11.80991" N	81°44'41.94099" W	1.00000971
BM 246R	US41	246+14.56	152.96' RT	4.304	SET 4"X4" CONC MON WITH ALUMINUM DISK STAMPED "BM 246R"	643323.6455	412226.8177	26°06'05.85450" N	81°44'35.97899" W	1.00000941
BM 256R	US41	255+75.00	158.95' RT	7.215	SET 4"X4" CONC MON WITH ALUMINUM DISK STAMPED "BM 256R"	642574.2435	412827.5573	26°05'58.46638" N	81°44'29.34261" W	1.00000907
BM 266R	US41	266+03.65	155.47' RT	6.507	SET 4"X4" CONC MON WITH ALUMINUM DISK STAMPED "BM 266R"	641777.8578	413478.6279	26°05'50.61567" N	81°44'22.15147" W	1.00000871
BM 276R	US41	276+22.33	168.76' RT	4.482	SET 4"X4" CONC MON WITH ALUMINUM DISK STAMPED "BM 276R"	640978.6342	414110.4062	26°05'42.73567" N	81°44'15.17204" W	1.00000836
BM 354R	US41	353+98.85	150.77' RT	5.517	SET 4"X4" CONC MON WITH ALUMINUM DISK STAMPED "BM 354R"	634952.7874	419026.0594	26°04'43.32847" N	81°43'20.88804" W	1.00000566
BM U 250	US41	332+60.05	150.99' RT	3.45	FOUND 4"X4" CONC MON WITH BRASS DISK STAMPED "U 250 1965"	636613.0767	417677.7621	26°04'59.69776" N	81°43'35.77634" W	1.00000640

ALIGNMENT

BASELINE STATIONING	NORTHING (Y)	EASTING (X)
198+50.00	647118.9578	409342.3778
213+50.00	645954.2458	410288.0237
223+00.00	645216.7260	410886.8263
242+78.17	643681.0879	412133.6322
262+00.00	642189.0210	413345.0622
281+00.00	640713.9999	414542.6524
298+94.95	639320.5017	415674.0529
318+23.82	637823.0667	416889.8414
333+30.00	636653.7798	417839.2016
344+99.87	635745.6262	418576.5442
347+50.00	635551.3261	418

GENERAL NOTES

- 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:  
 PAT MCCORMACK, P.S.M.  
 P.S.M. NO.: LS6494  
 CUMBNEY & FAIR, INC.  
 2463 ENTERPRISE ROAD  
 CLEARWATER, FL 33763-1790  
 (727) 797-8982
- 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 LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
- UTILITY/AGENCY OWNERS:

COMPANY	CONTACT	PHONE NUMBER
CENTURYLINK/LEVEL 3 (LUMEN)	JOHN DALTON	(757) 822-4285
CITY OF NAPLES (WATER)	SHARDA WILLIAMS	(239) 213-4745
COLLIER COUNTY BCC ROAD MAINTENANCE	TBD	
COLLIER COUNTY IT	HARIS DOMOND	(239) 252-5000
COLLIER COUNTY STAKE & LOCATES	TBD	(239) 252-5924
COLLIER COUNTY TRAFFIC OPS	HARIS DOMOND	(239) 252-5000
COMCAST	TBD	
CROWN CASTLE NG	TBD	
FLORIDA POWER & LIGHT	TBD	
HOTWIRE COMMUNICATIONS	ANGEL CINTRON	(561) 703-4965
SUMMIT BROADBAND	JASON ZOFFINGER	(800) 510-8937
TECO PEOPLE GAS	ASH MCDANIEL	(813) 743-7807

LEGEND

M.E. = MATCH EXISTING  
 GR = GUARDRAIL

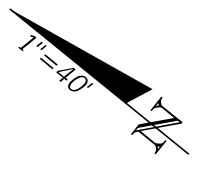
NOTES TO REVIEWER:

- THIS IS PROGRAMMED AS A PAVEMENT ONLY PROJECT.
- THE TYPICAL SECTION PACKAGE PROVIDED BY THE DEPARTMENT WAS SIGNED ON 4/11/2022. THE PAVEMENT DESIGN PACKAGE WAS APPROVED ON 1/12/2024.
- UTILITY ADJUSTMENTS ARE PROVIDED TO ASSIST WITH UTILITY COORDINATION. IF NO UTILITY ADJUSTMENTS ARE NEEDED, UTILITY ADJUSTMENT SHEETS WILL BE REMOVED PRIOR TO PHASE IV SUBMITTAL.

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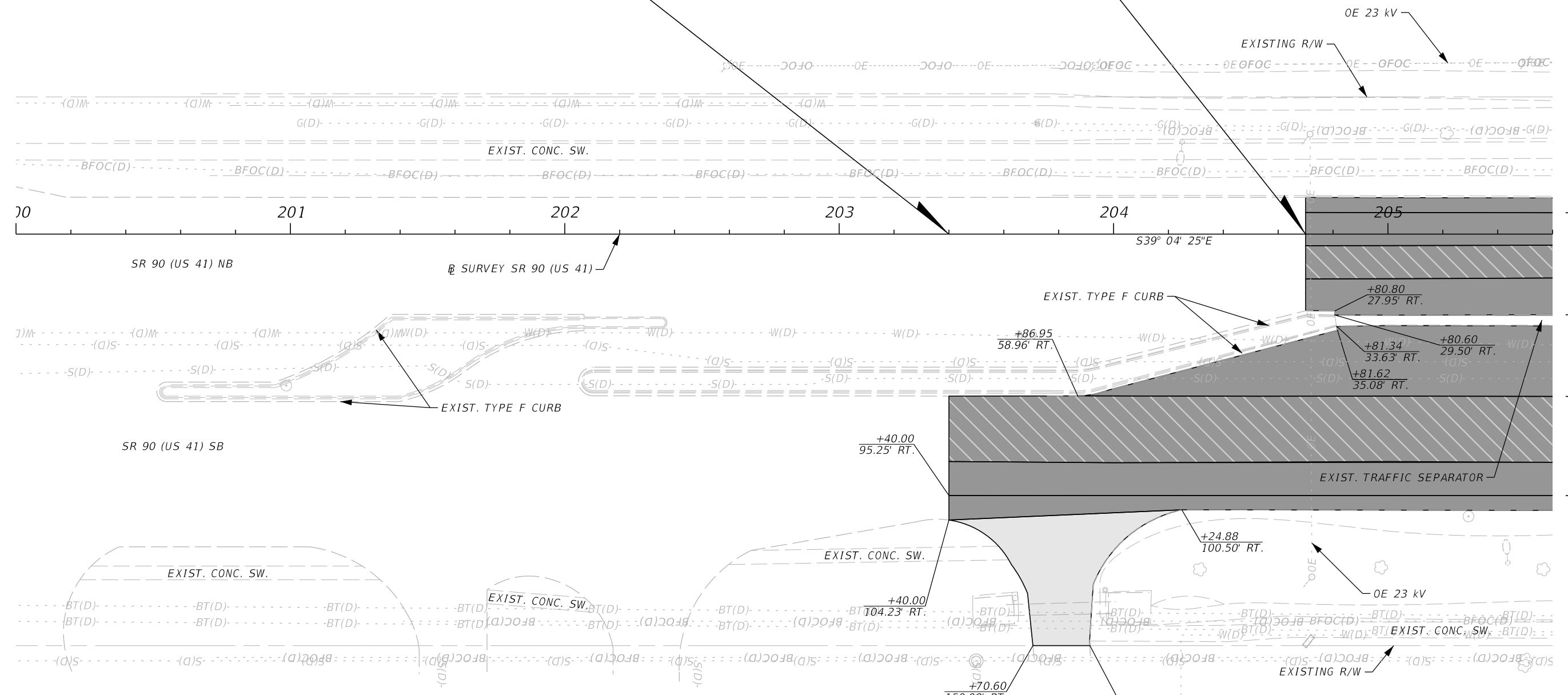
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REVISIONS				The Balmoral Group 165 Lincoln Avenue Winter Park, FL 32789 Phone: (407) 629-2185 E.O.R.: Albert R. Smidebush, P.E. No. 73052	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD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



BEGIN PROJECT  
 BEGIN SB MILLING & RESURFACING  
 STA. 203+40.00

BEGIN NB MILLING & RESURFACING  
 STA. 204+70.00



**LEGEND**

	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	SIDE STREET 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

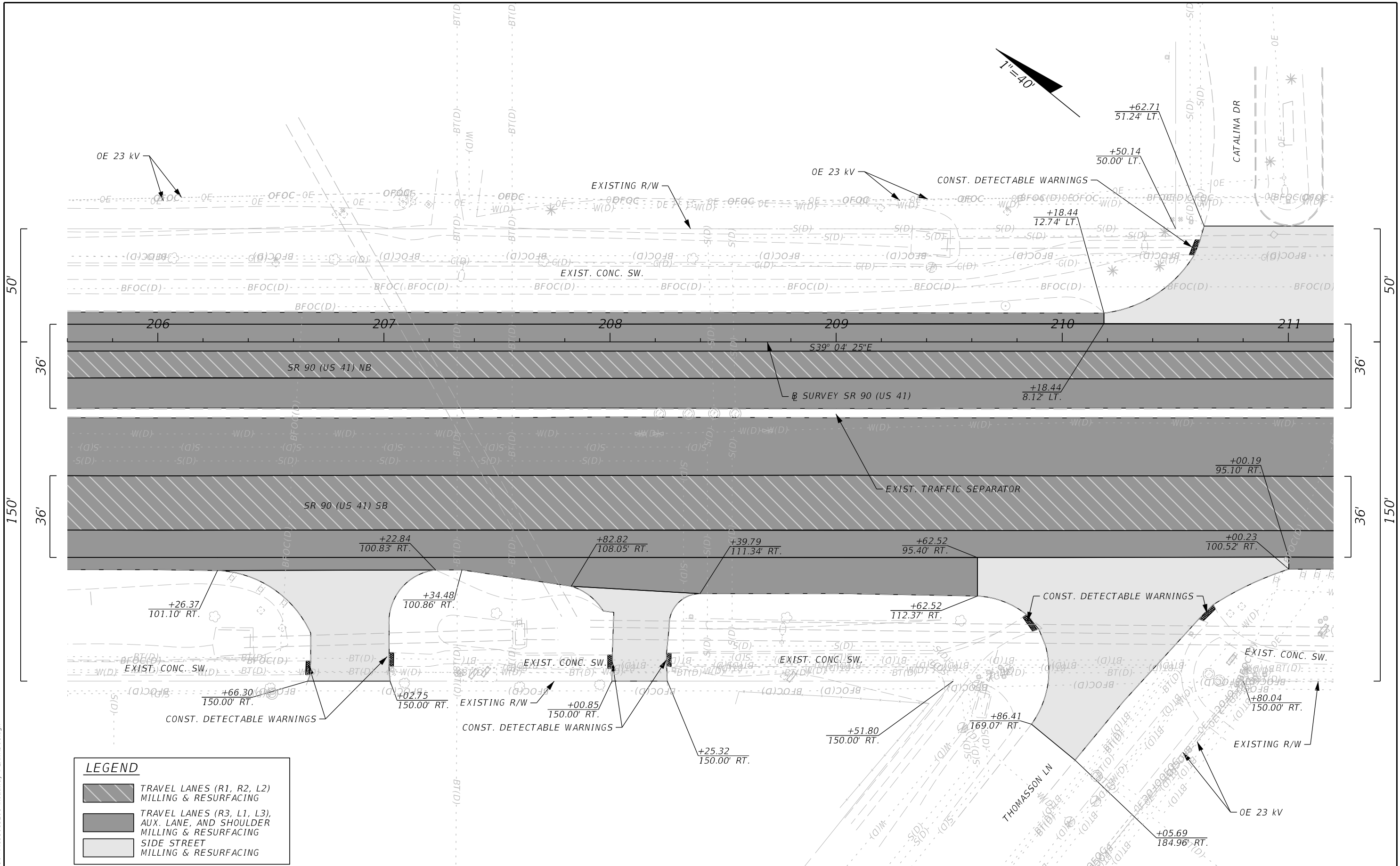
ROADWAY PLAN

SHEET NO.  
 9

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LEGEND	
	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	SIDE STREET MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

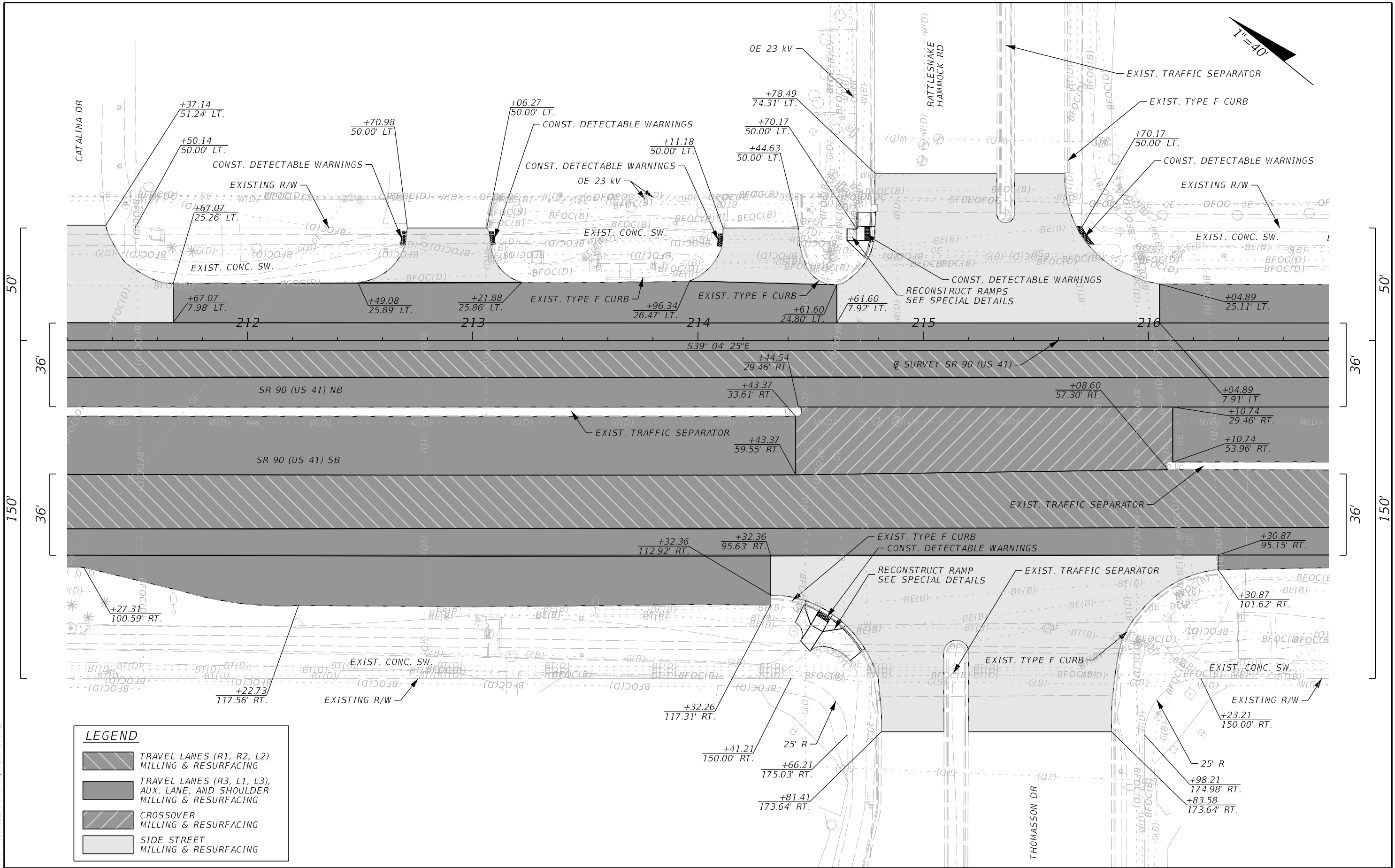
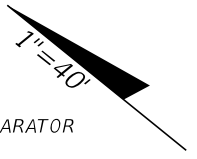
The Balmoral Group  
 165 Lincoln Avenue  
 Winter Park, FL 32789  
 Phone: (407) 629-2185  
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

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

**ROADWAY PLAN**

SHEET NO.  
10

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**LEGEND**

	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	CROSSOVER MILLING & RESURFACING
	SIDE STREET 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

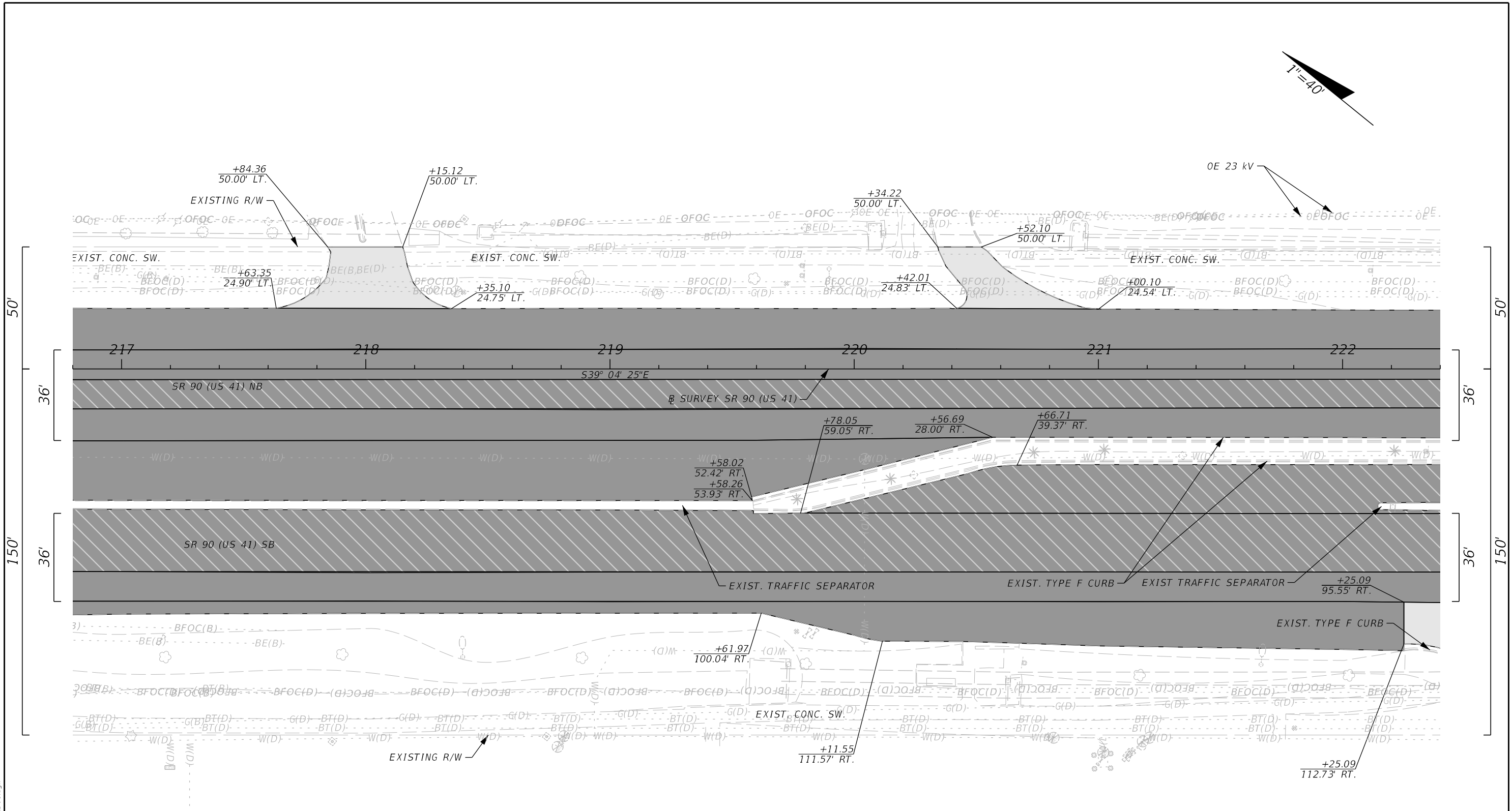
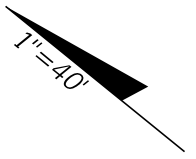
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

**ROADWAY PLAN**

SHEET NO.  
**11**

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

LEGEND			
	TRAVEL LANES (R1, R2, L2)	MILLING & RESURFACING	
	TRAVEL LANES (R3, L1, L3),	AUX. LANE, AND SHOULDER	MILLING & RESURFACING
	SIDE STREET	MILLING & RESURFACING	

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

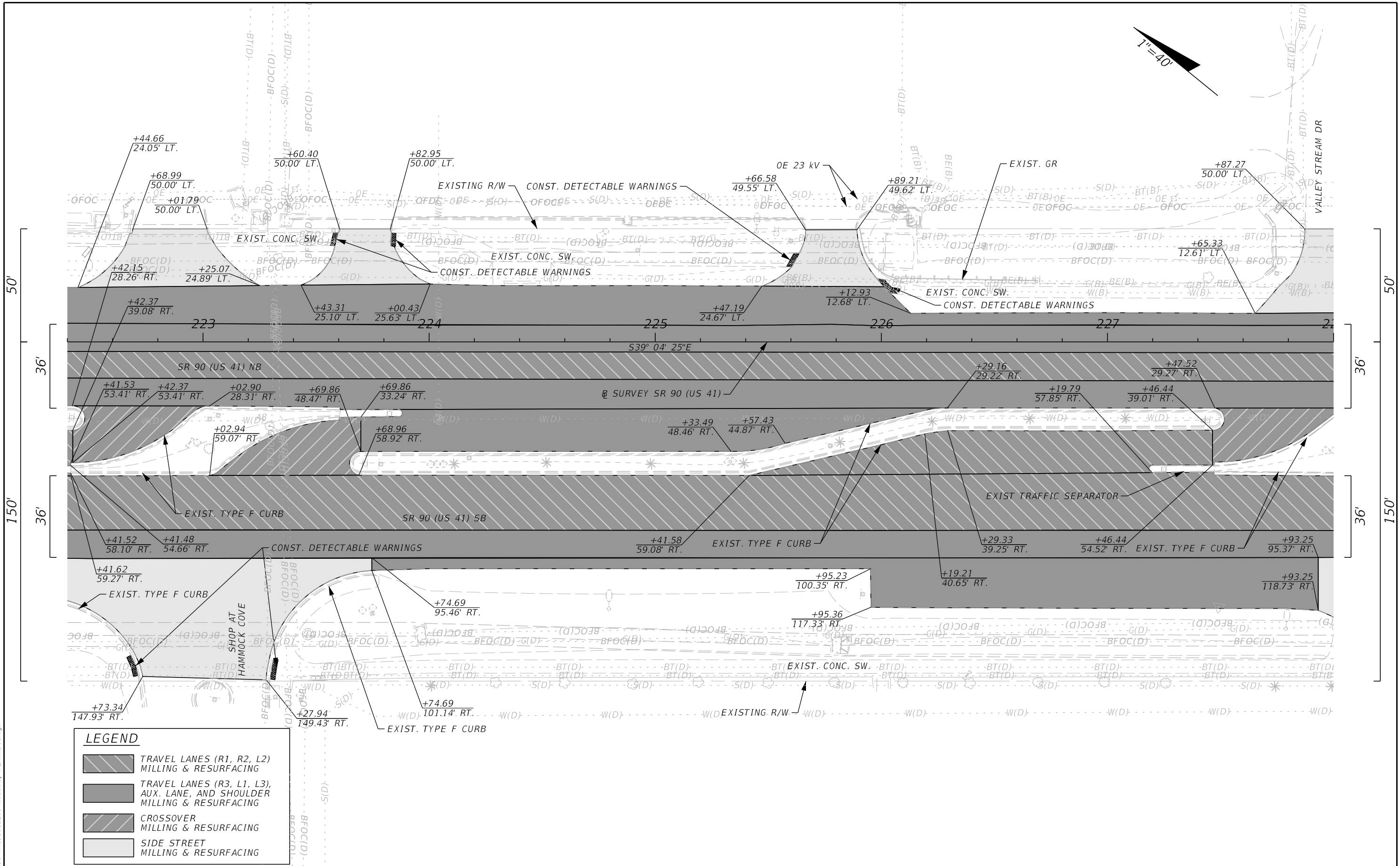
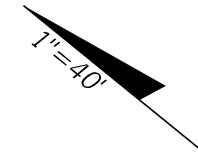
**ROADWAY PLAN**

SHEET  
NO.  
**12**

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**LEGEND**

	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	CROSSOVER MILLING & RESURFACING
	SIDE STREET 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

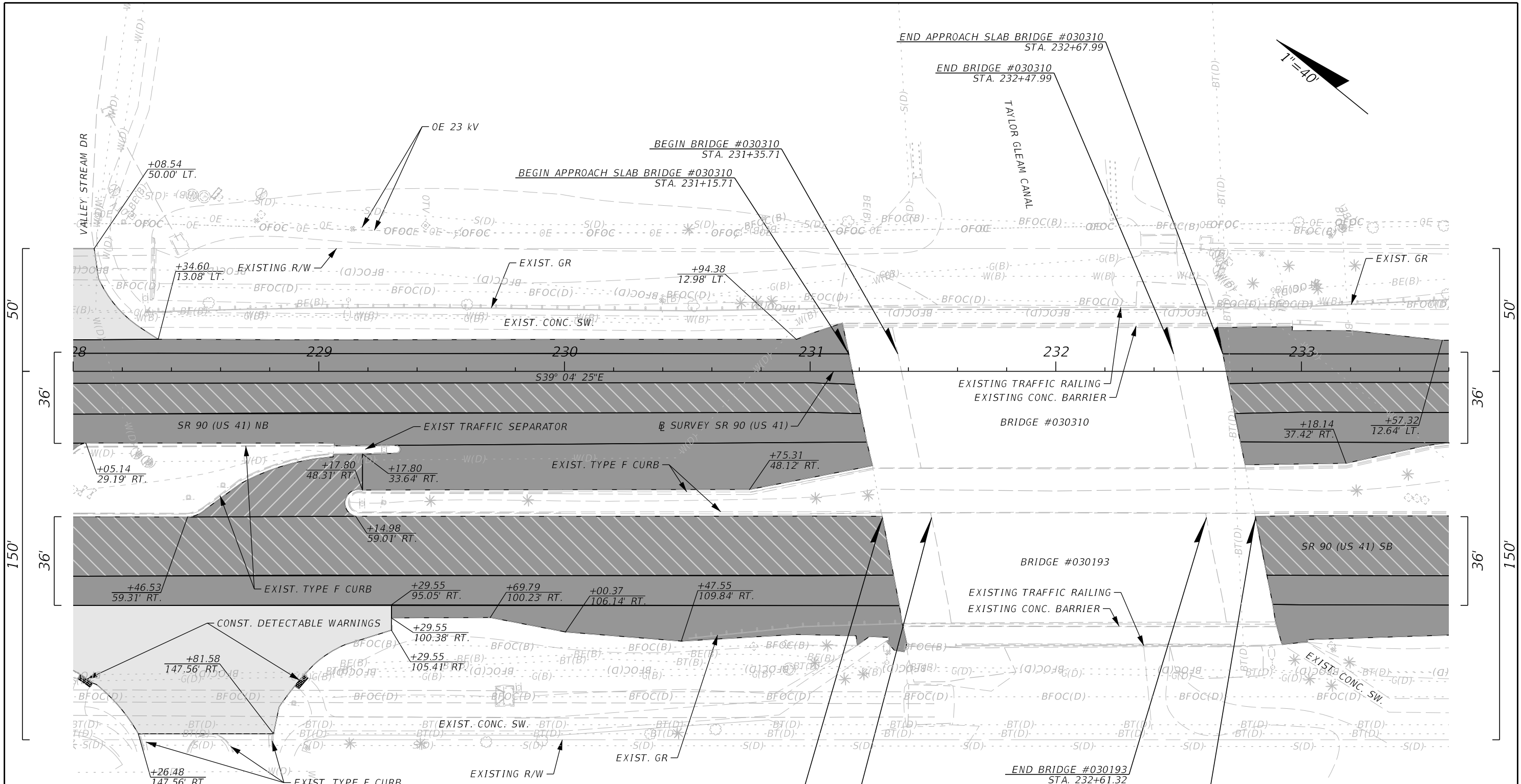
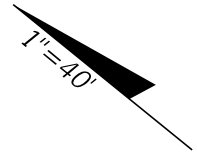
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

**ROADWAY PLAN**

SHEET NO.  
**13**

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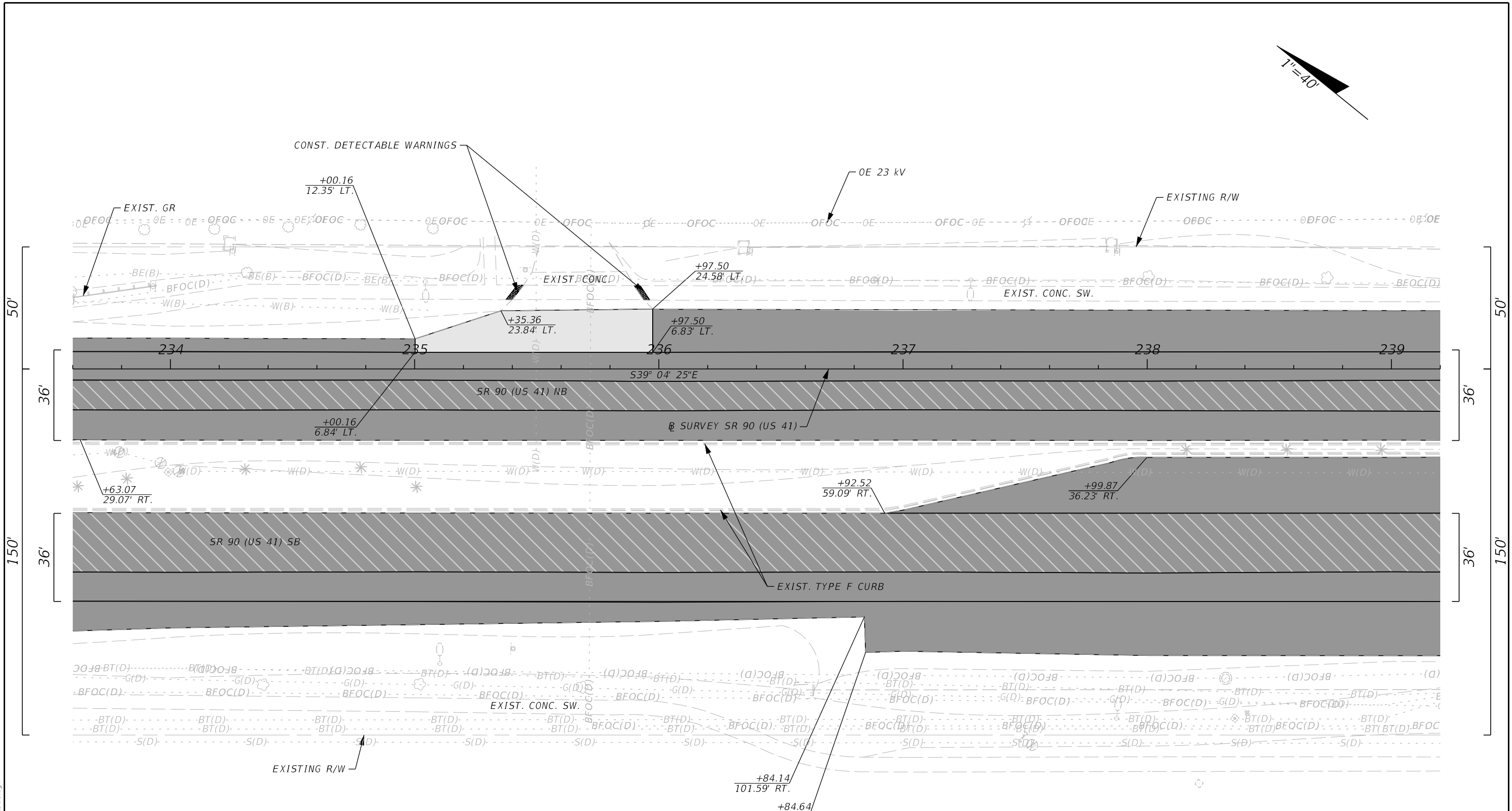
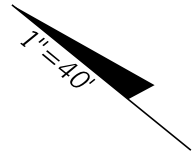
**LEGEND**

	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	CROSSOVER MILLING & RESURFACING
	SIDE STREET 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.  14
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 90	COLLIER	448930-1-52-01		

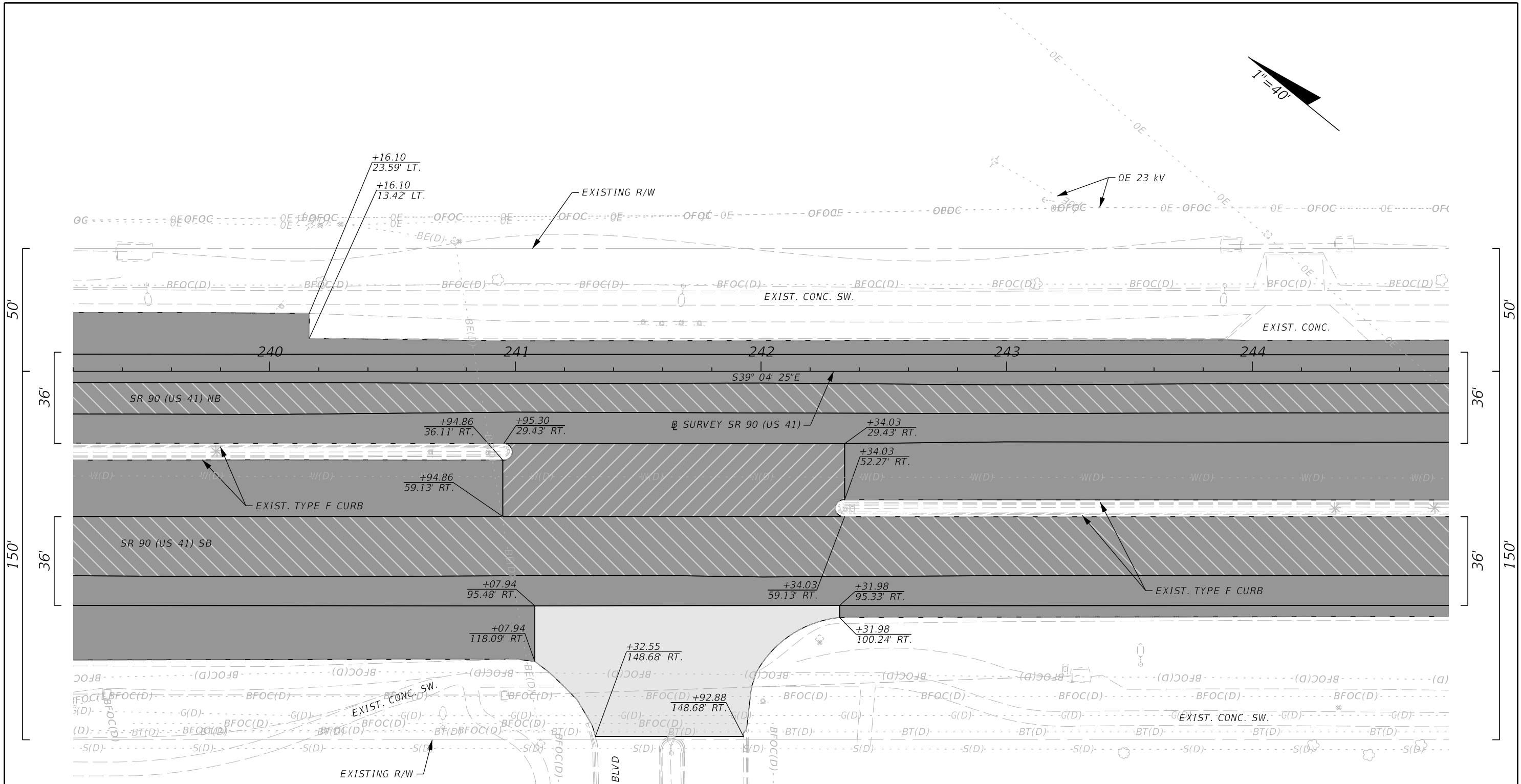
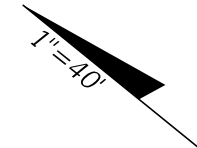


LEGEND		
	TRAVEL LANES (R1, R2, L2)	MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER	MILLING & RESURFACING
	SIDE STREET	MILLING & RESURFACING

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



**LEGEND**

	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	CROSSOVER MILLING & RESURFACING
	SIDE STREET MILLING & RESURFACING

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

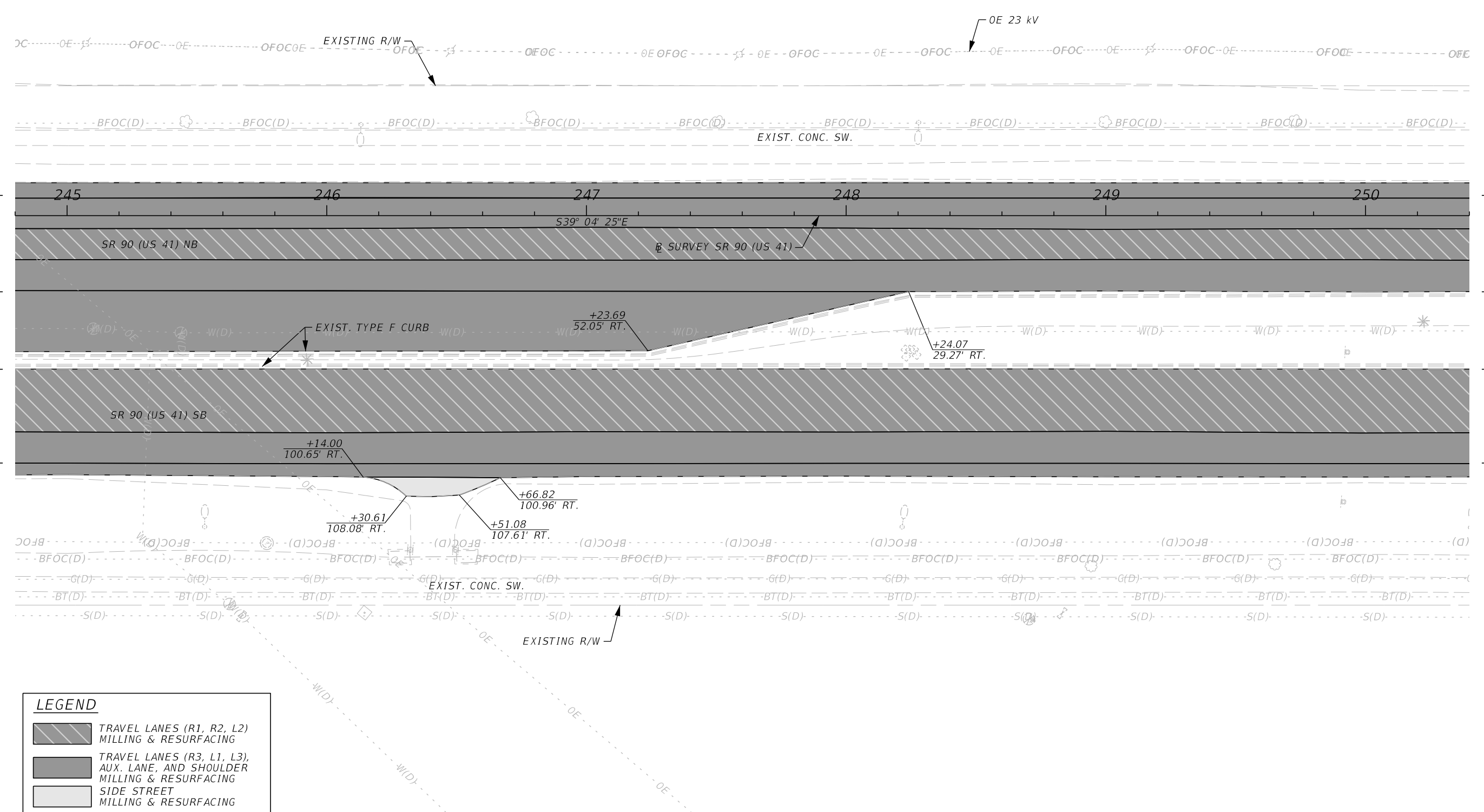
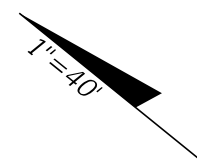
The Balmoral Group  
 165 Lincoln Avenue  
 Winter Park, FL 32789  
 Phone: (407) 629-2185  
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

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

ROADWAY PLAN

SHEET  
 NO.  
 16

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LEGEND		
	TRAVEL LANES (R1, R2, L2)	MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3),	AUX. LANE, AND SHOULDER
	SIDE STREET	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

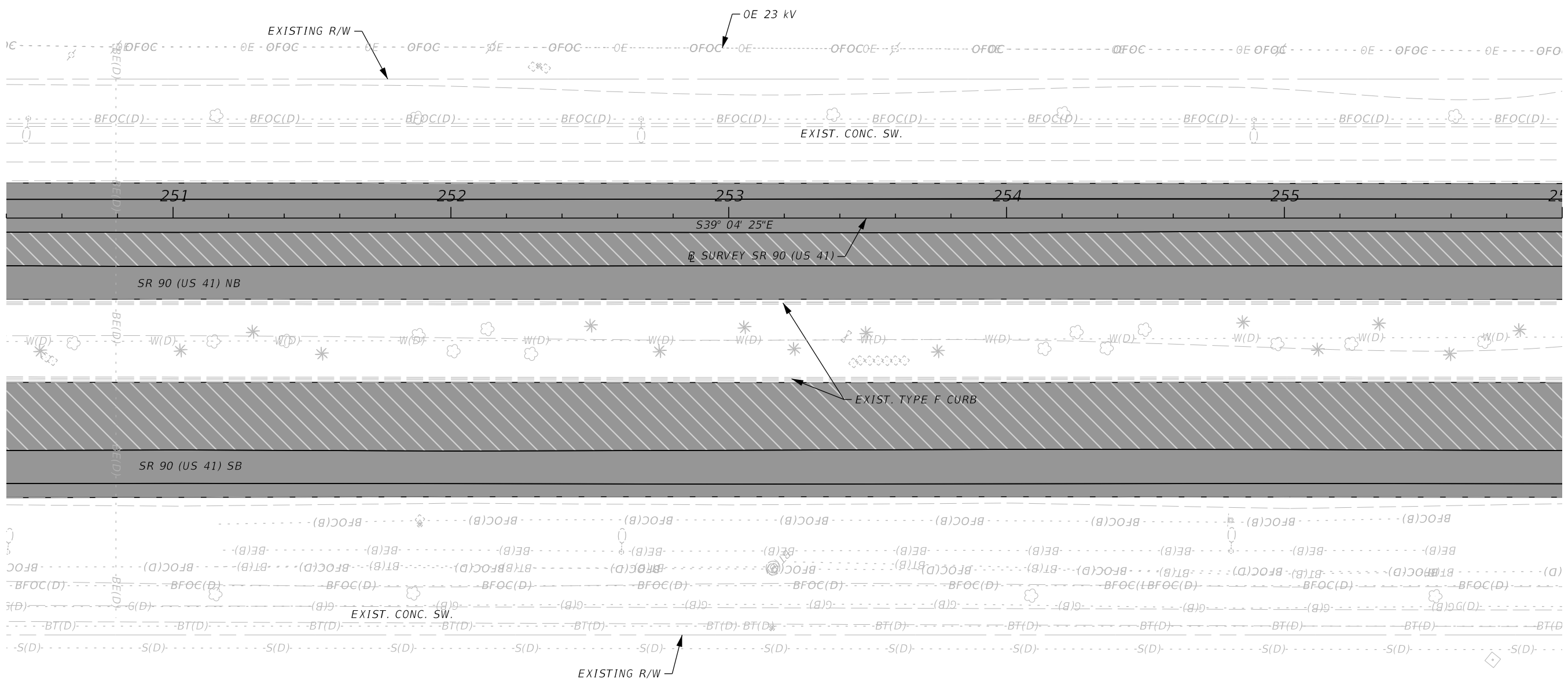
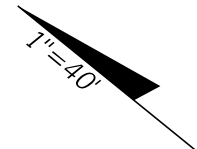
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

**ROADWAY PLAN**

SHEET NO.  
17

3/28/2024 9:46:24 AM JKiriazes T:\122305101.00 SR 90\44893015201\Roadway\PLANRD01.dgn

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LEGEND	
	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING

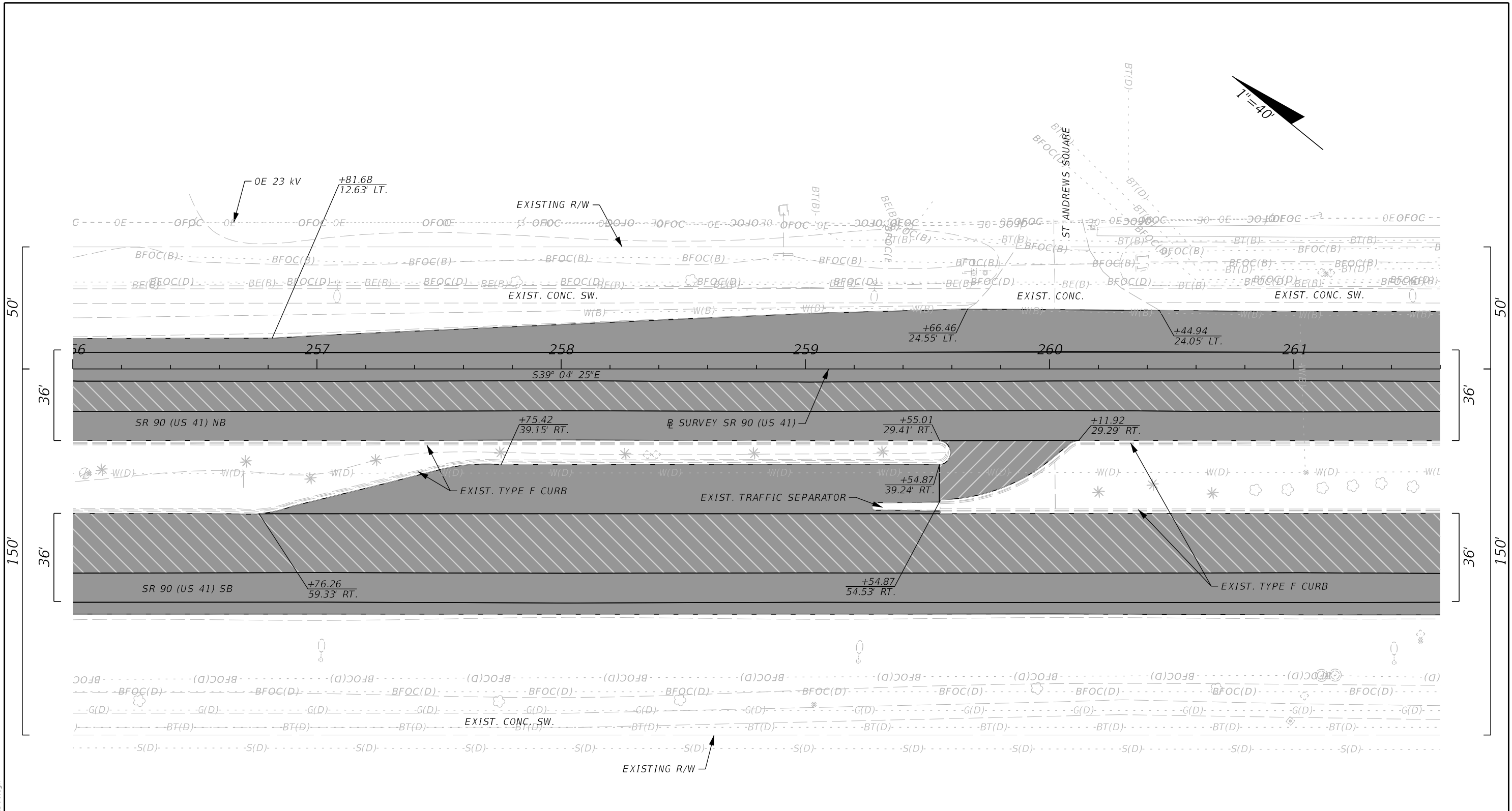
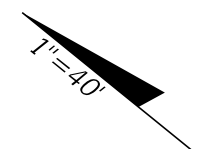
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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. 18
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LEGEND		
	TRAVEL LANES (R1, R2, L2)	MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3),	AUX. LANE, AND SHOULDER
	CROSSOVER	MILLING & RESURFACING

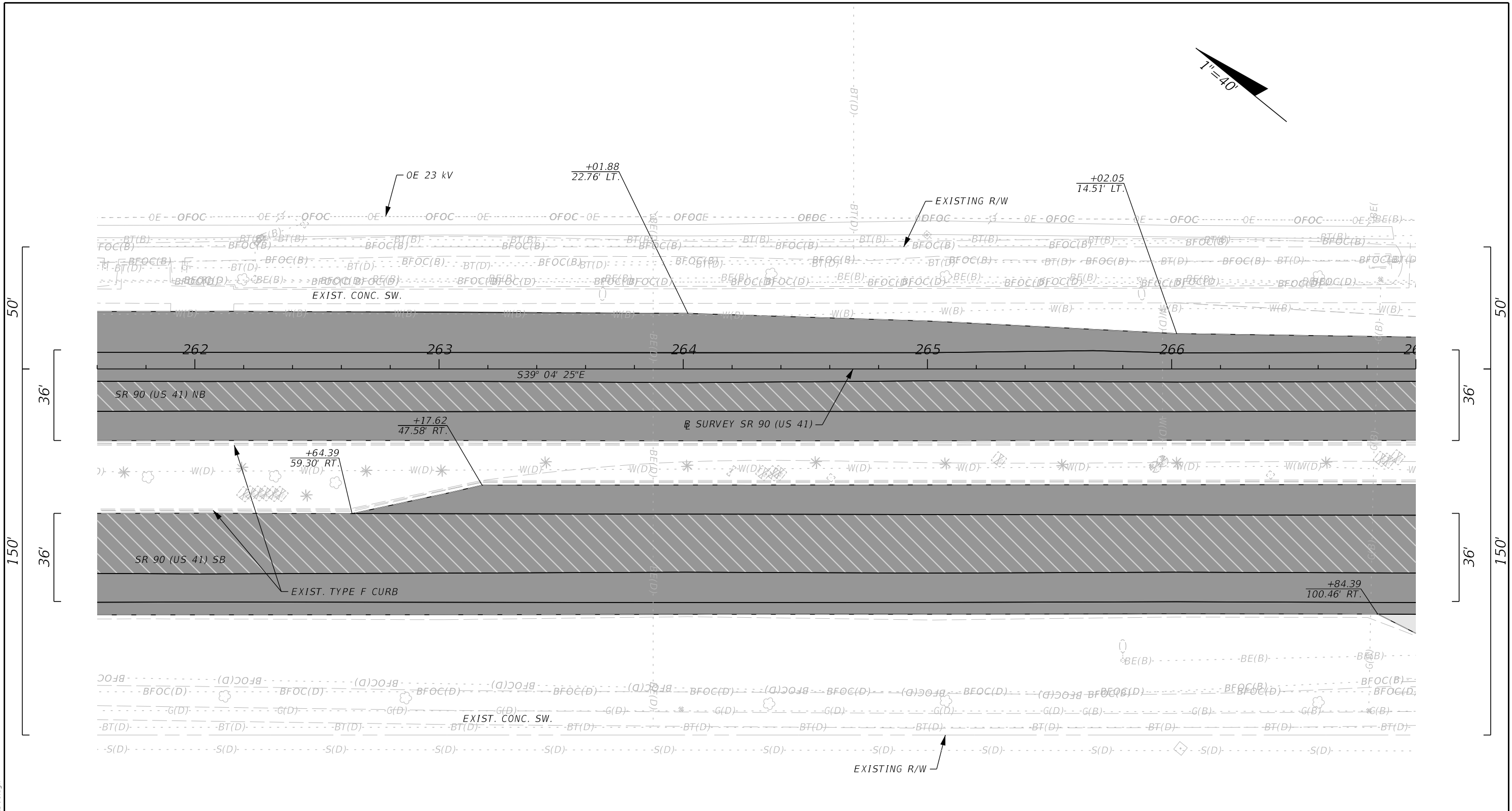
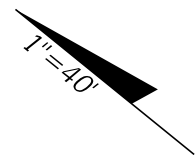
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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	

<h2>ROADWAY PLAN</h2>	SHEET NO. <b>19</b>
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LEGEND	
	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	SIDE STREET 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**

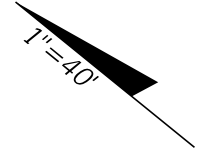
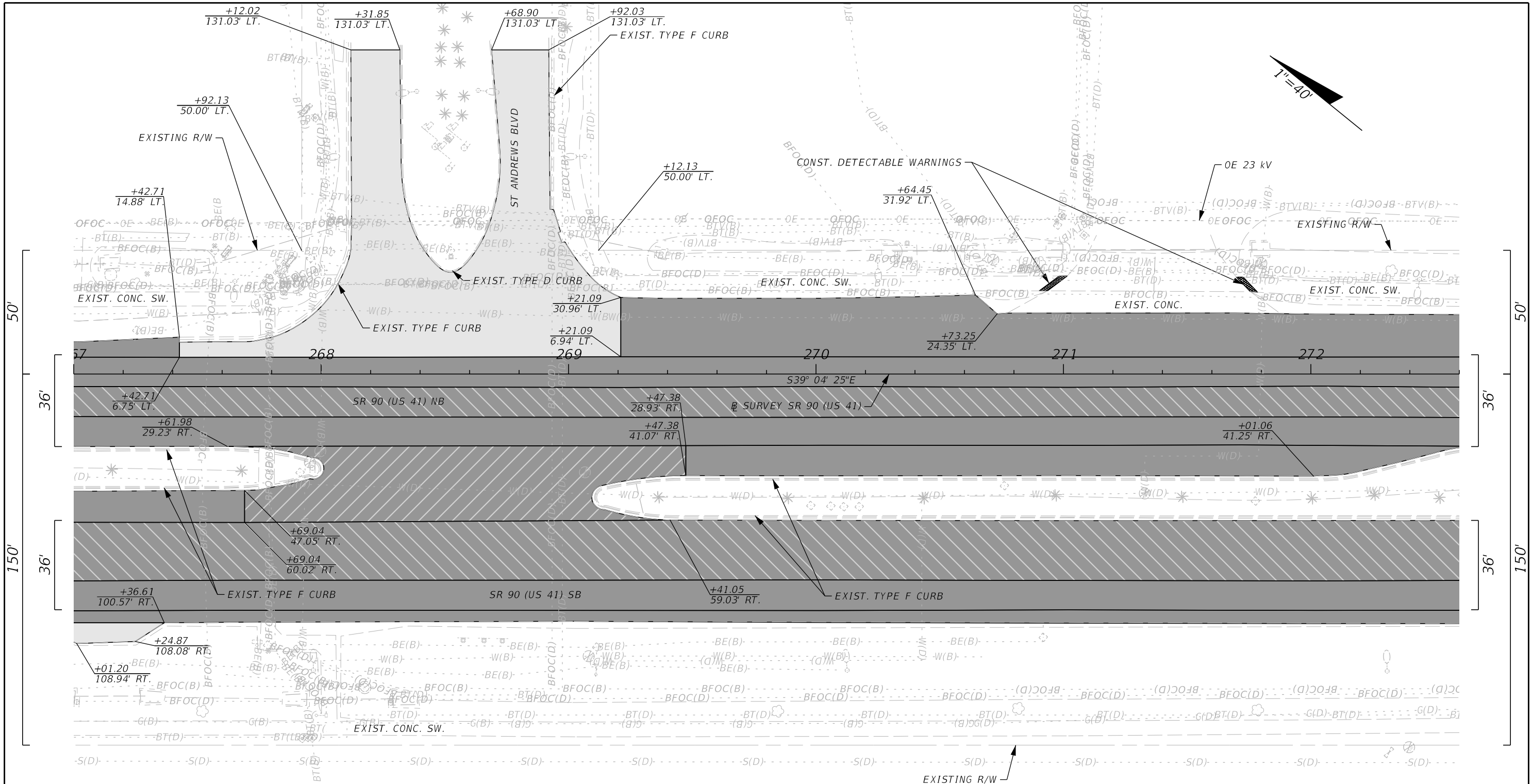
SHEET NO.  
**20**

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**LEGEND**

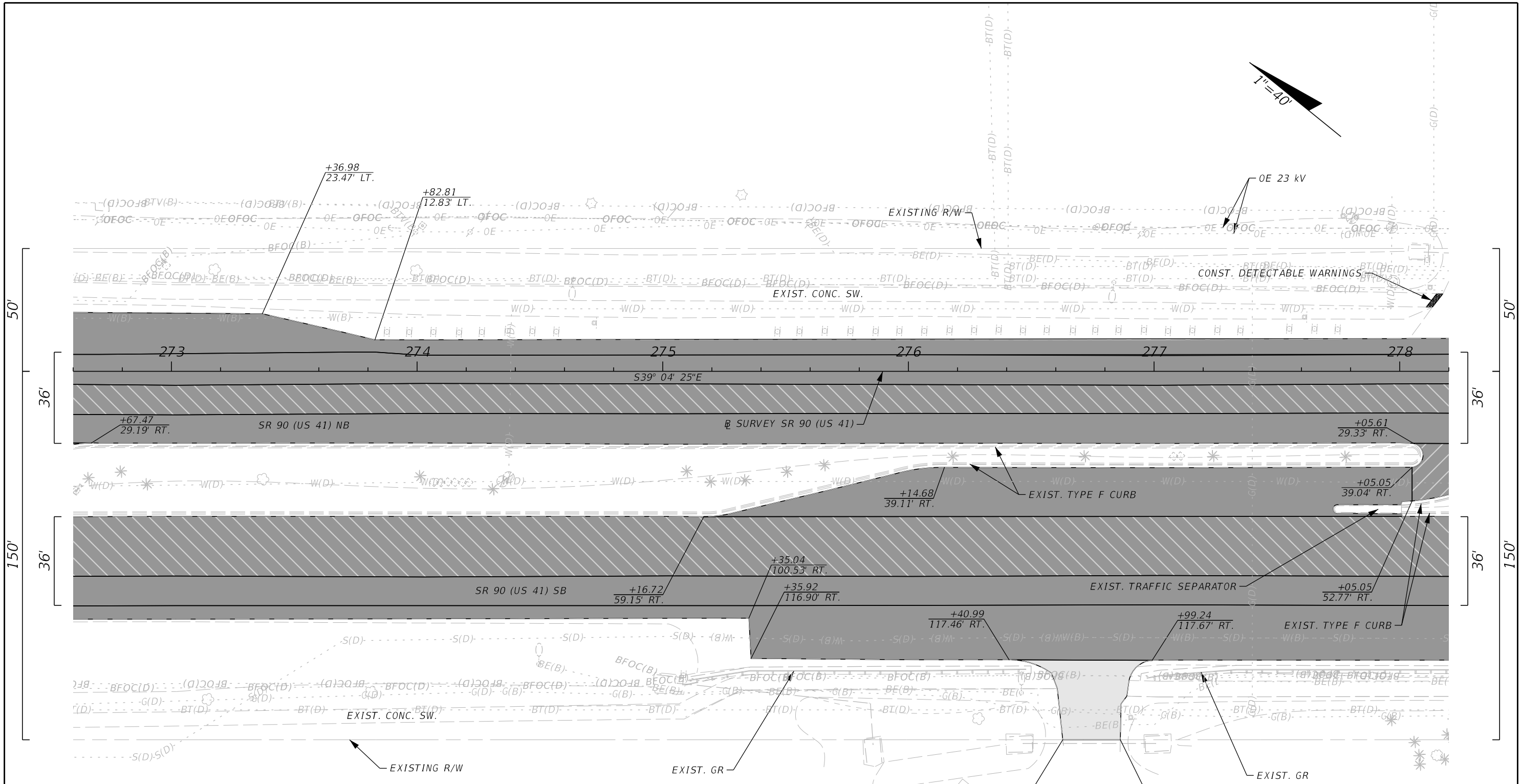
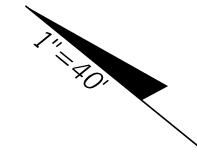
	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	CROSSOVER MILLING & RESURFACING
	SIDE STREET MILLING & RESURFACING

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			

<b>ROADWAY PLAN</b>		SHEET NO.
		21

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**LEGEND**

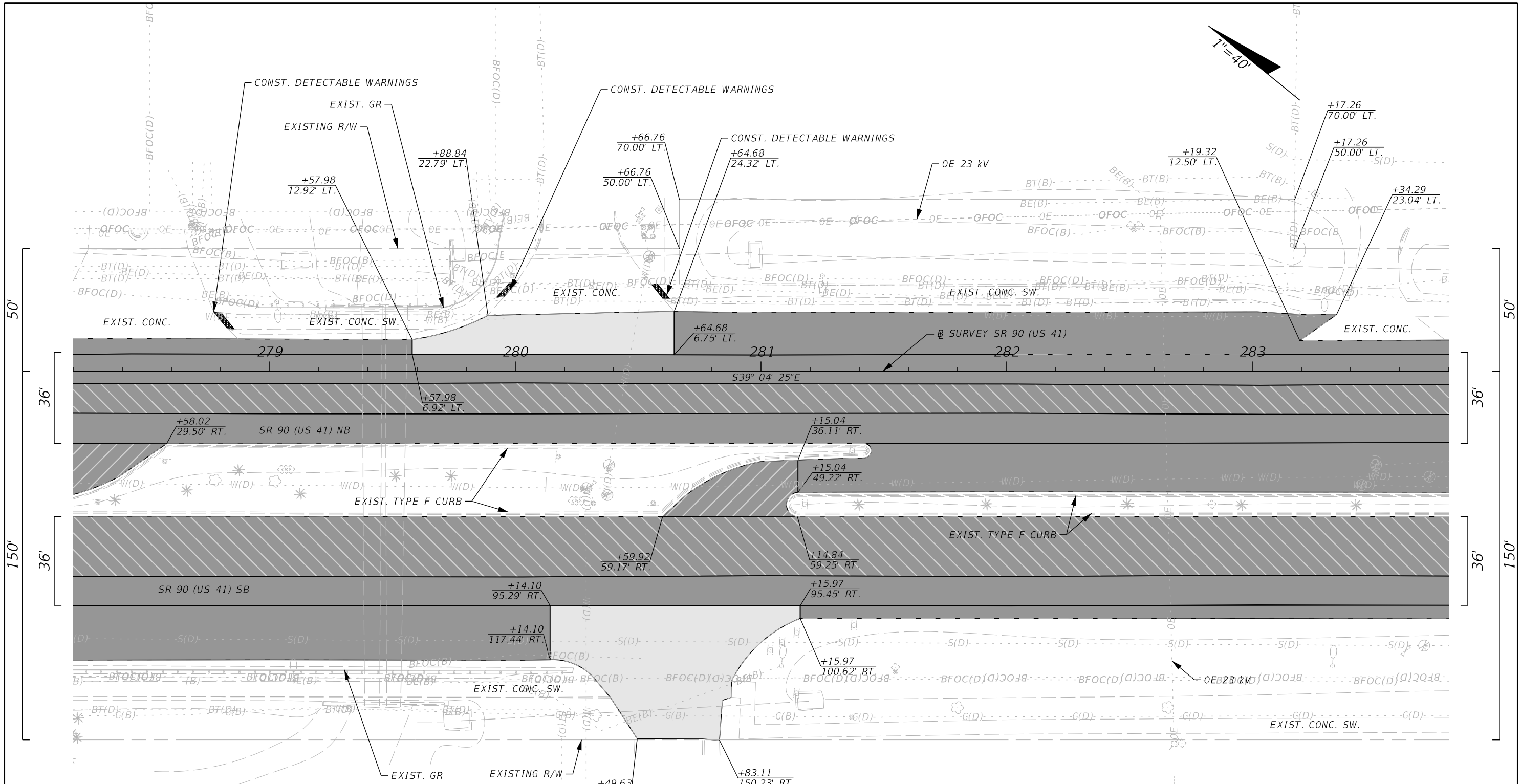
	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	CROSSOVER MILLING & RESURFACING
	SIDE STREET MILLING & RESURFACING

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			<h1 style="font-size: 2em;">ROADWAY PLAN</h1>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		22
					SR 90	COLLIER	448930-1-52-01		

3/28/2024 9:46:26 AM JKiriazes T:\122205101.00 SR 90\44893015201\Roadway\PLAN\RD01.dgn

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**LEGEND**

	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	CROSSOVER MILLING & RESURFACING
	SIDE STREET 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

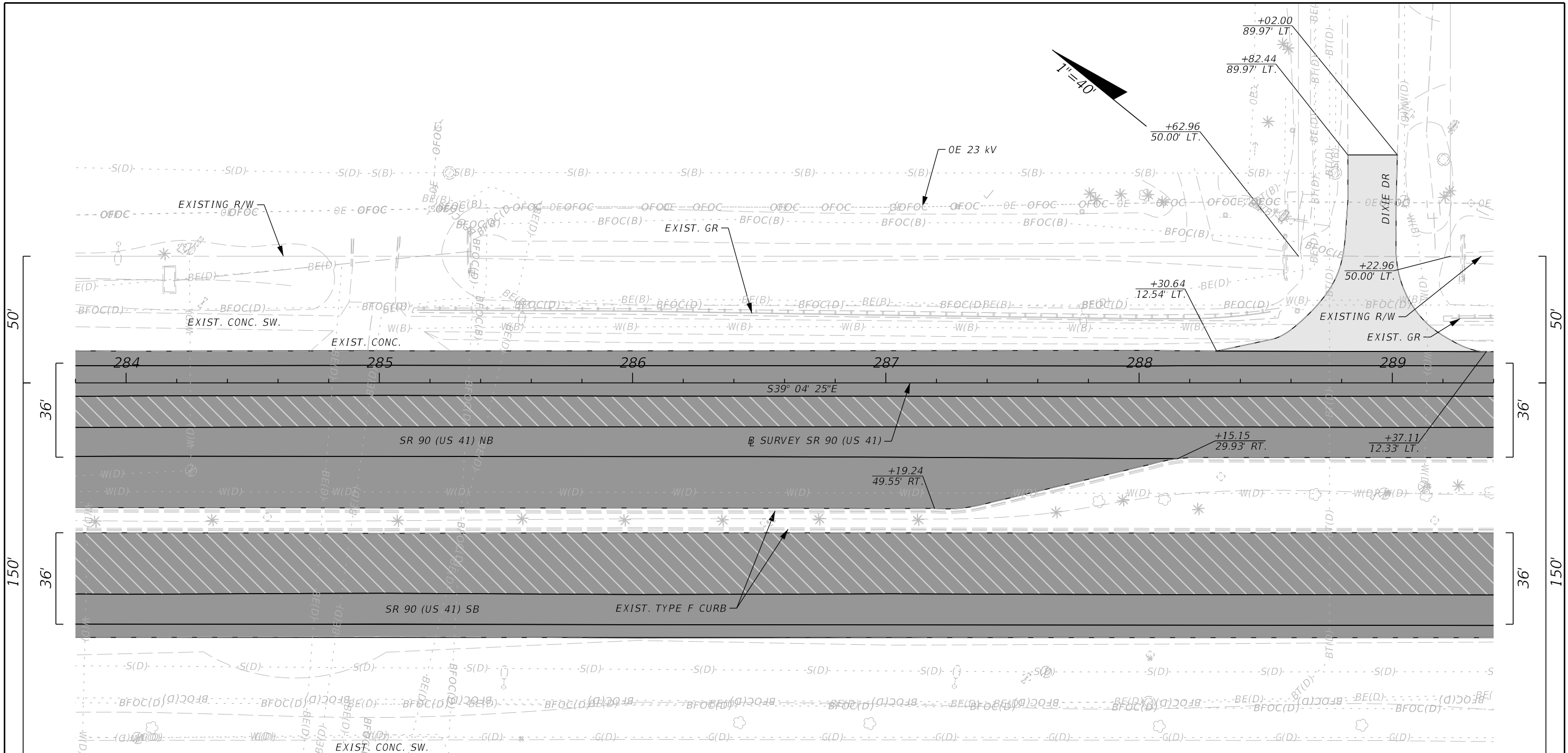
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

**ROADWAY PLAN**

SHEET NO.  
23

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**LEGEND**

	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	SIDE STREET MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

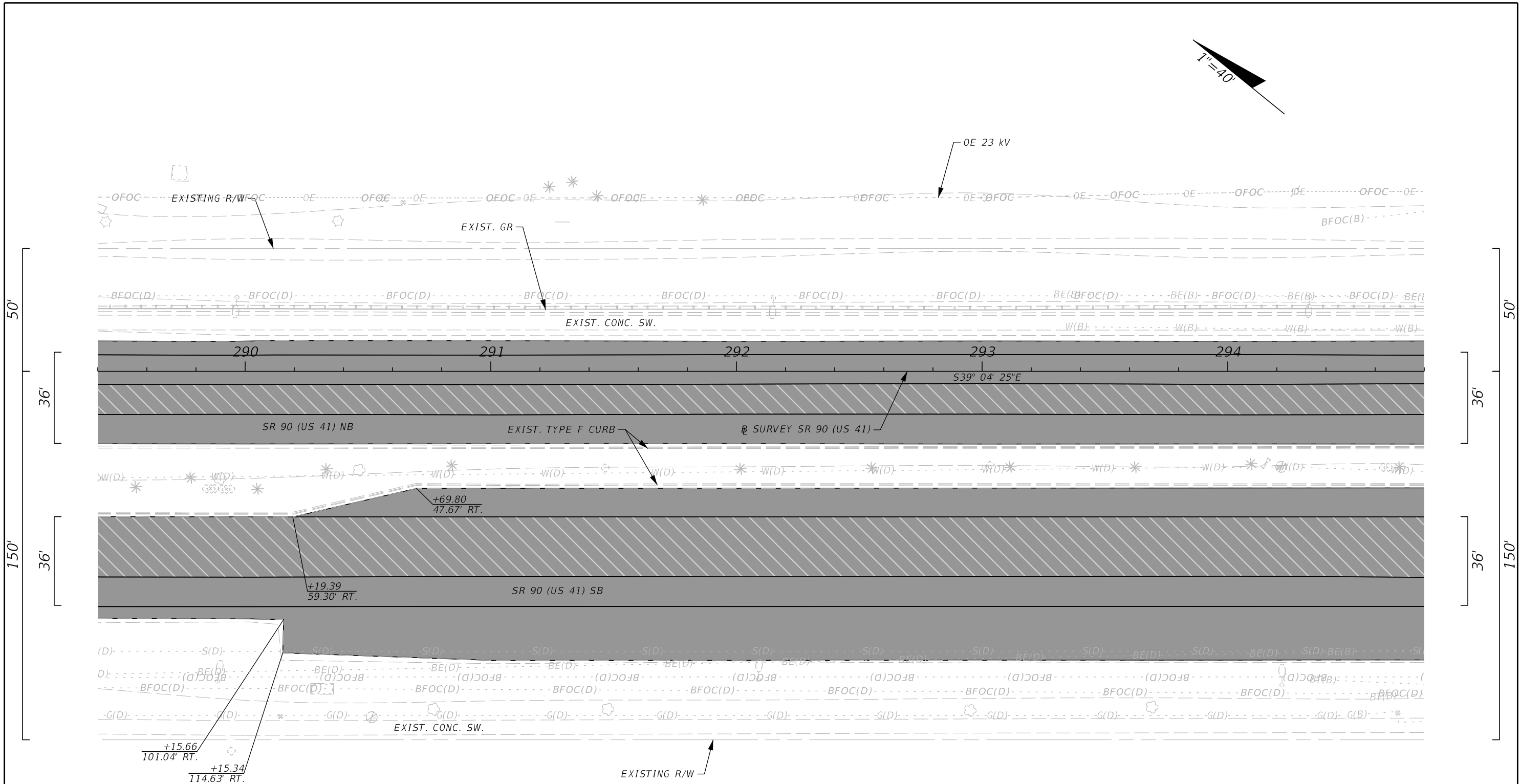
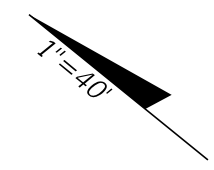
The Balmoral Group  
 165 Lincoln Avenue  
 Winter Park, FL 32789  
 Phone: (407) 629-2185  
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

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

**ROADWAY PLAN**

SHEET NO.  
24

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LEGEND	
	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), 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

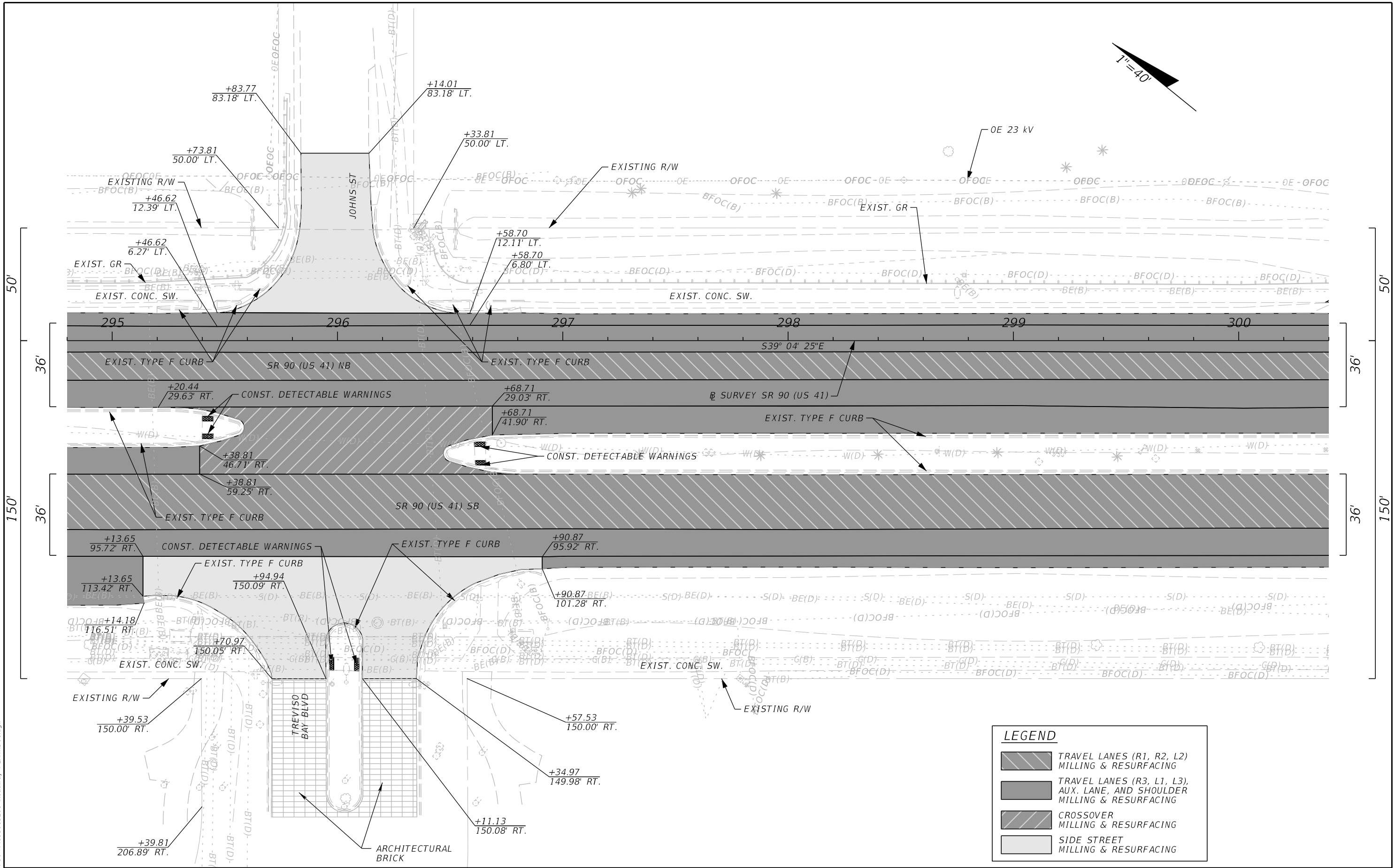
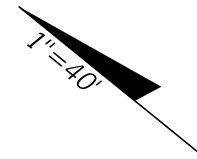
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

**ROADWAY PLAN**

SHEET NO.  
25

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LEGEND	
	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	CROSSOVER MILLING & RESURFACING
	SIDE STREET 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

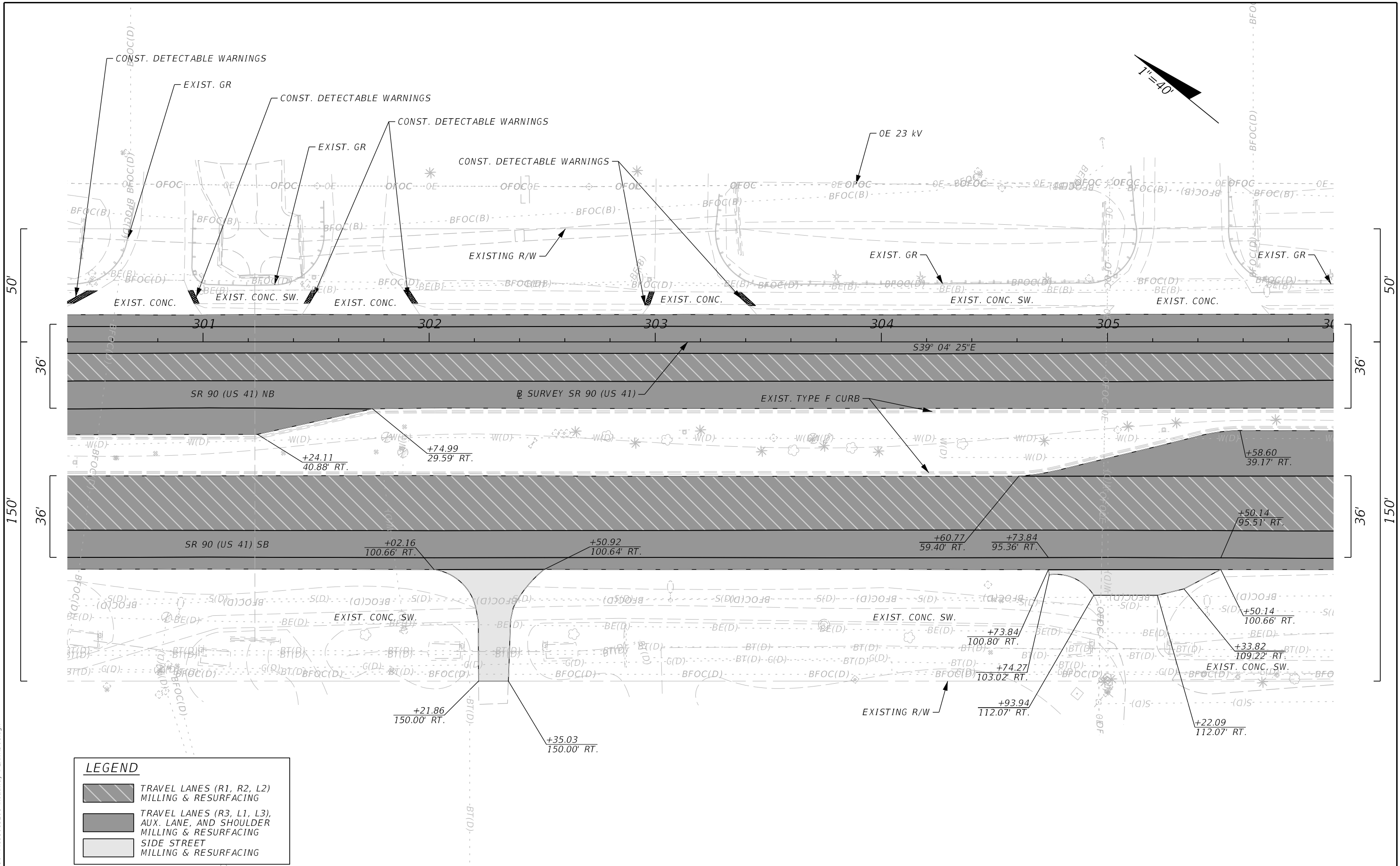
**ROADWAY PLAN**

SHEET NO.  
26

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**LEGEND**

	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	SIDE STREET 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

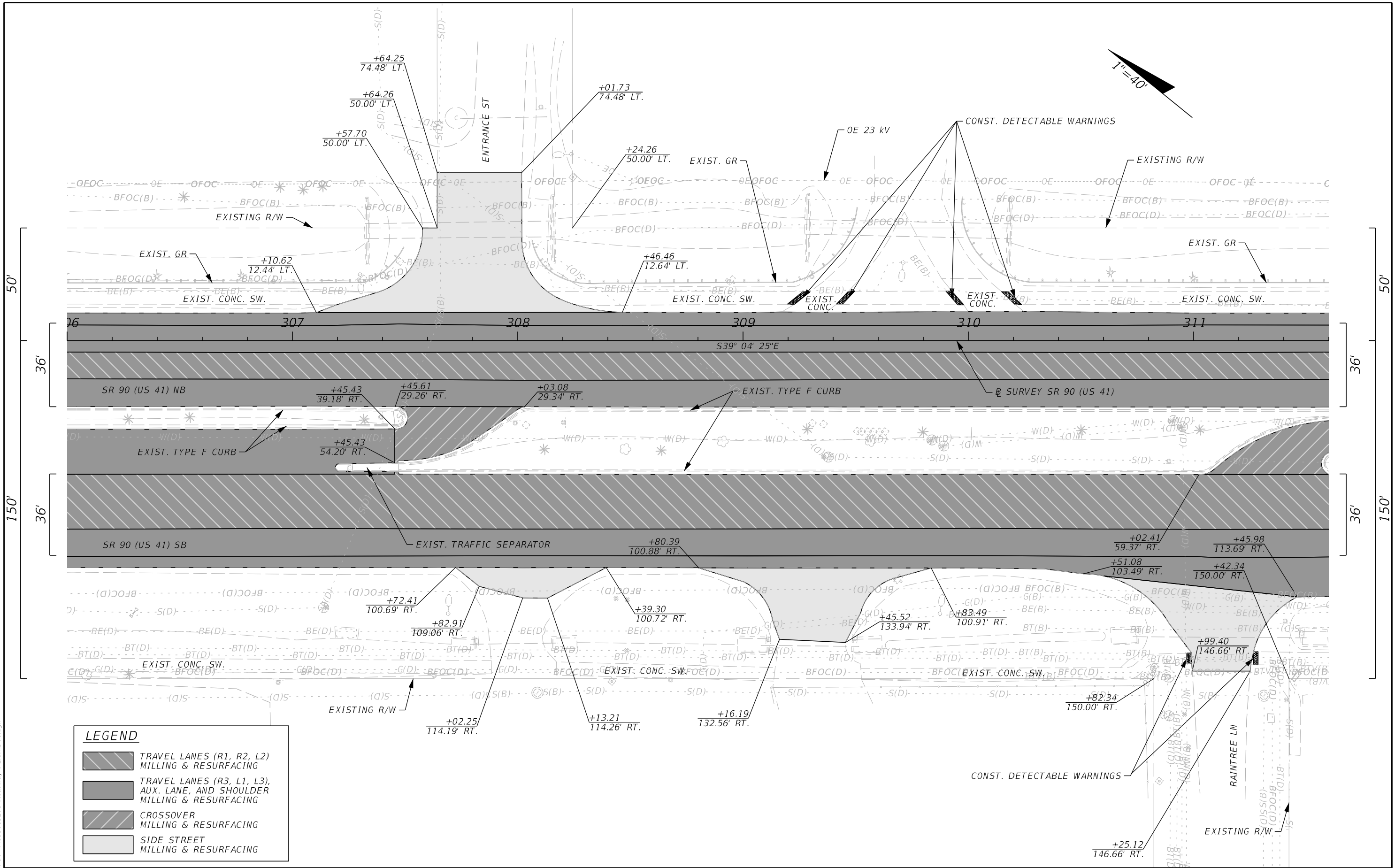
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

**ROADWAY PLAN**

SHEET NO.  
**27**

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3/28/2024 9:46:30 AM JKiriazes T:\122205101.00 SR 90\44893015201\Roadway\PLAN\RD01.dgn



**LEGEND**

	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	CROSSOVER MILLING & RESURFACING
	SIDE STREET 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

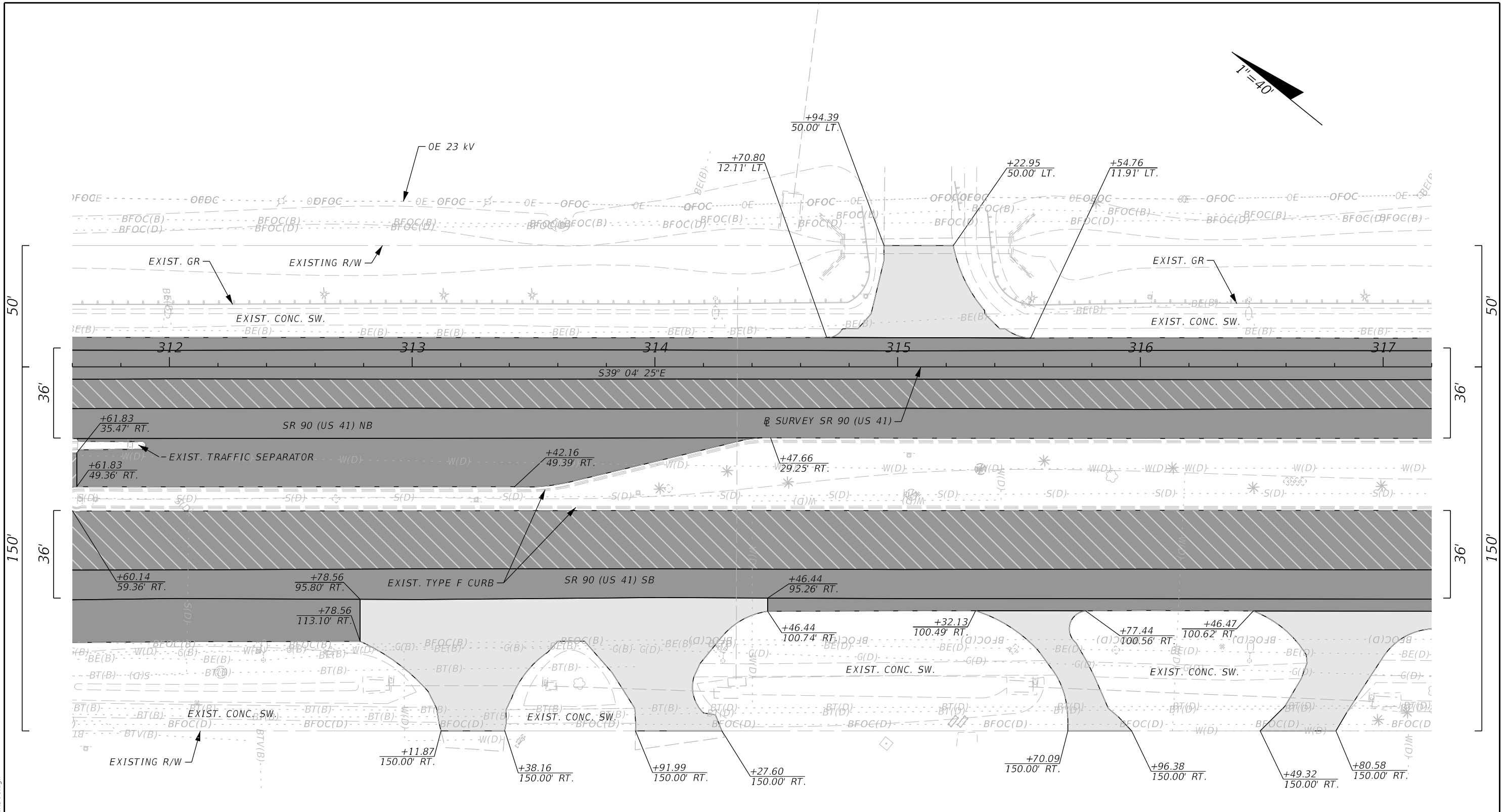
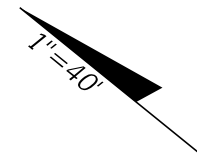
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

**ROADWAY PLAN**

SHEET NO. 28

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**LEGEND**

	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	SIDE STREET 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

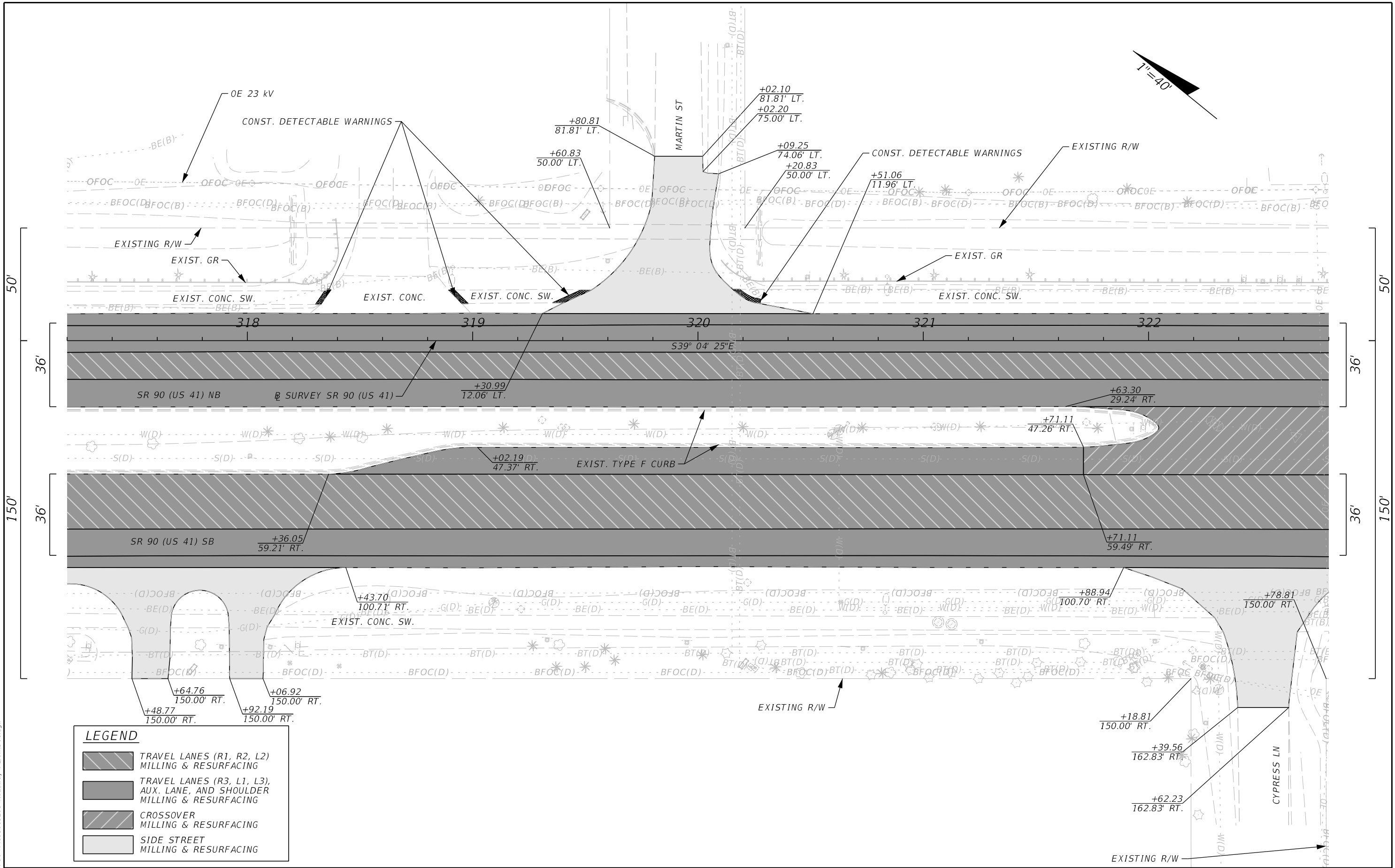
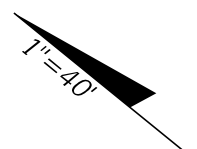
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

**ROADWAY PLAN**

SHEET NO.  
**29**

3/28/2024 9:46:30 AM JKiriazes T:\122205101.00 SR 90\44893015201\Roadway\PLAN\RD01.dgn

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**LEGEND**

	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	CROSSOVER MILLING & RESURFACING
	SIDE STREET 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

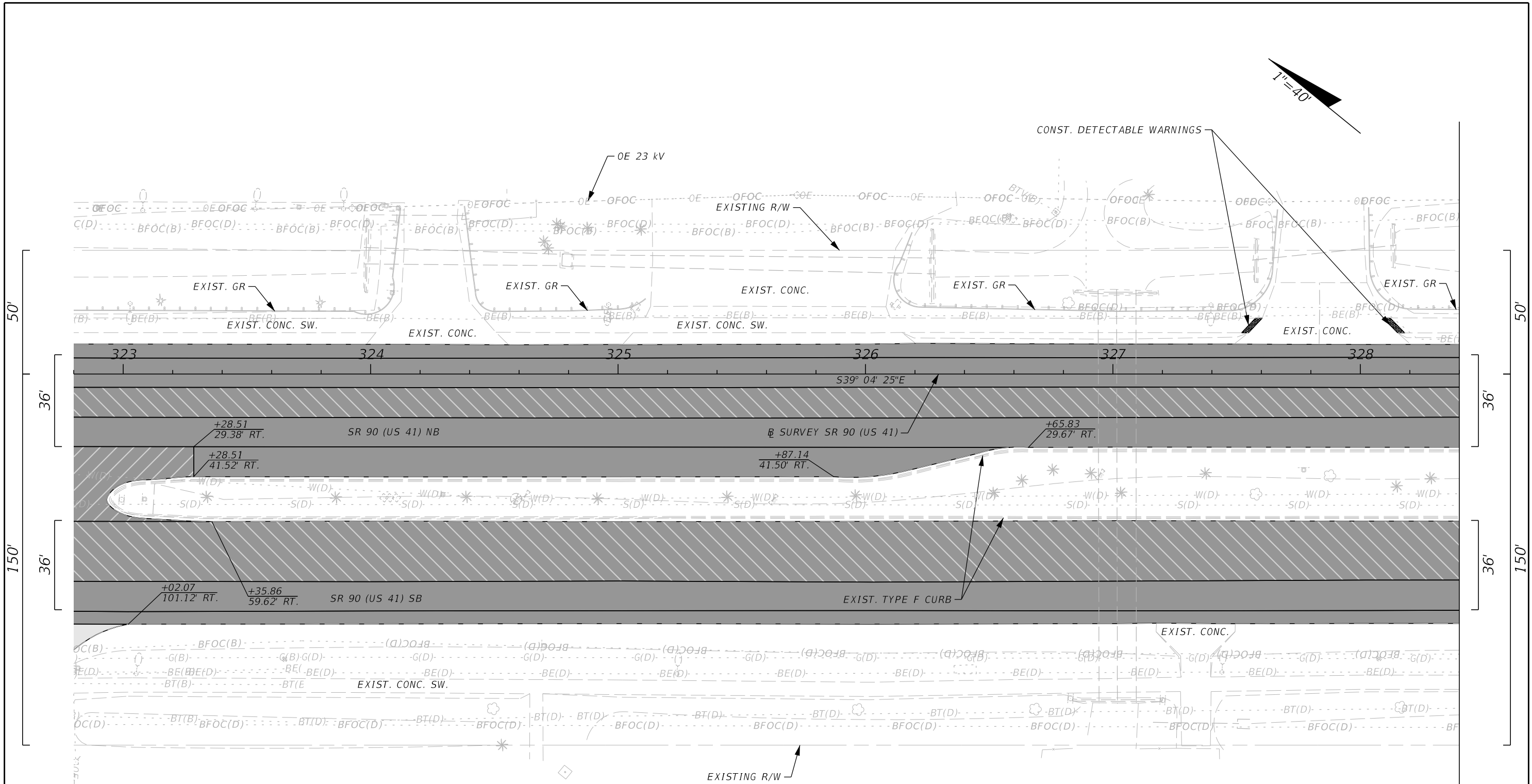
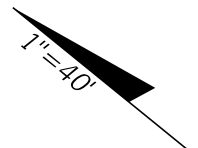
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

**ROADWAY PLAN**

SHEET  
NO.  
**30**

3/28/2024 9:46:31 AM JKiriazes T:\1222055101.00 SR 90\44893015201\Roadway\PLAN\RD01.dgn

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**LEGEND**

	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	CROSSOVER MILLING & RESURFACING
	SIDE STREET MILLING & RESURFACING

3/28/2024 9:46:31 AM JKiriazes T:\1222055101\_00\_SR\_90\_4489301\Roadway\PLA\RD01.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

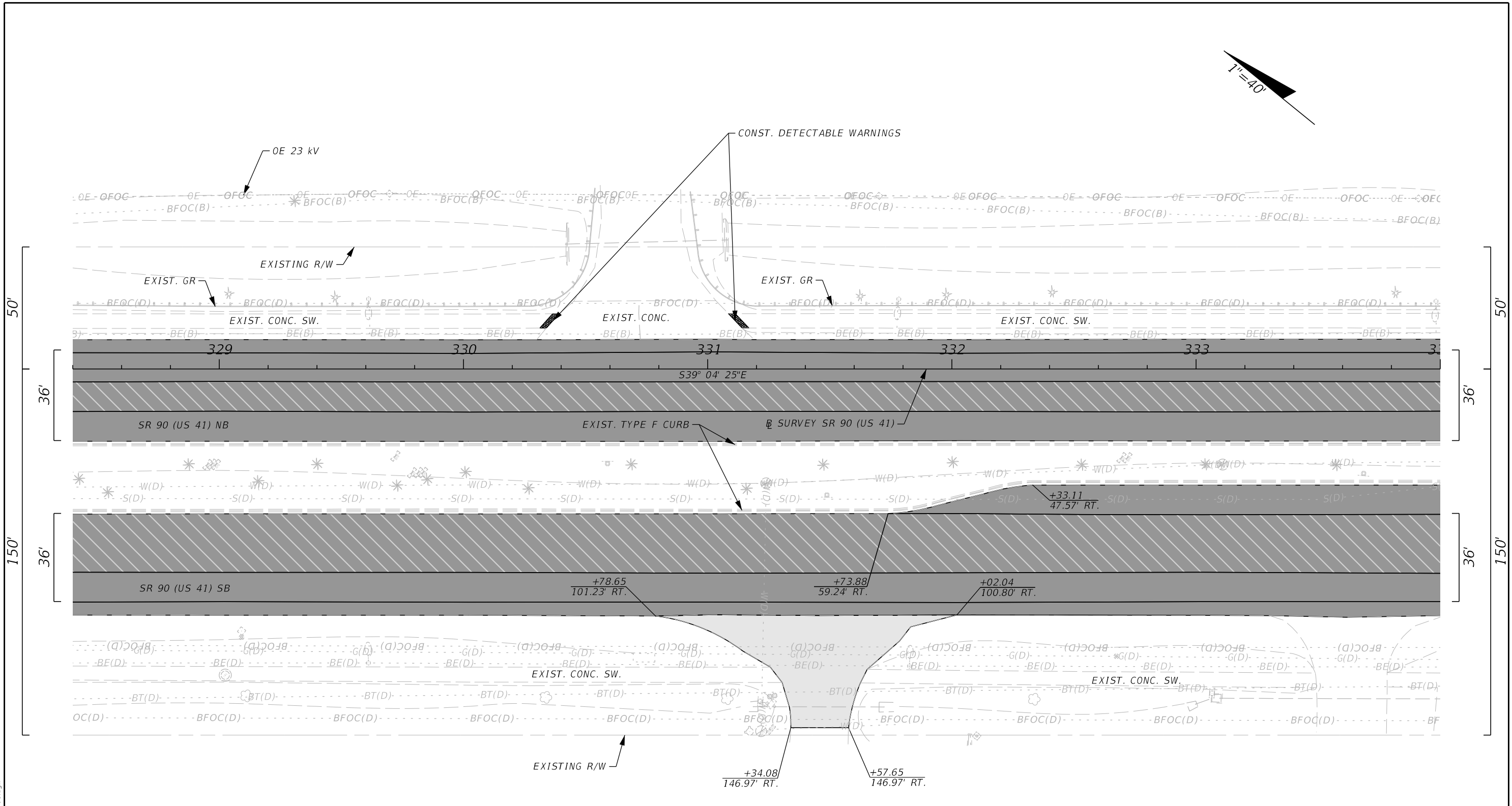
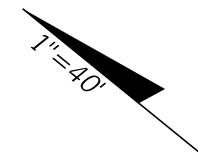
The Balmoral Group  
165 Lincoln Avenue  
Winter Park, FL 32789  
Phone: (407) 629-2185  
E.O.R.: Albert R. Smidebush, P.E. No. 73052

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

ROADWAY PLAN

SHEET  
NO.  
  
31

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

LEGEND			
	TRAVEL LANES (R1, R2, L2)	MILLING & RESURFACING	
	TRAVEL LANES (R3, L1, L3),	AUX. LANE, AND SHOULDER	MILLING & RESURFACING
	SIDE STREET	MILLING & RESURFACING	

The Balmoral Group  
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 Winter Park, FL 32789  
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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

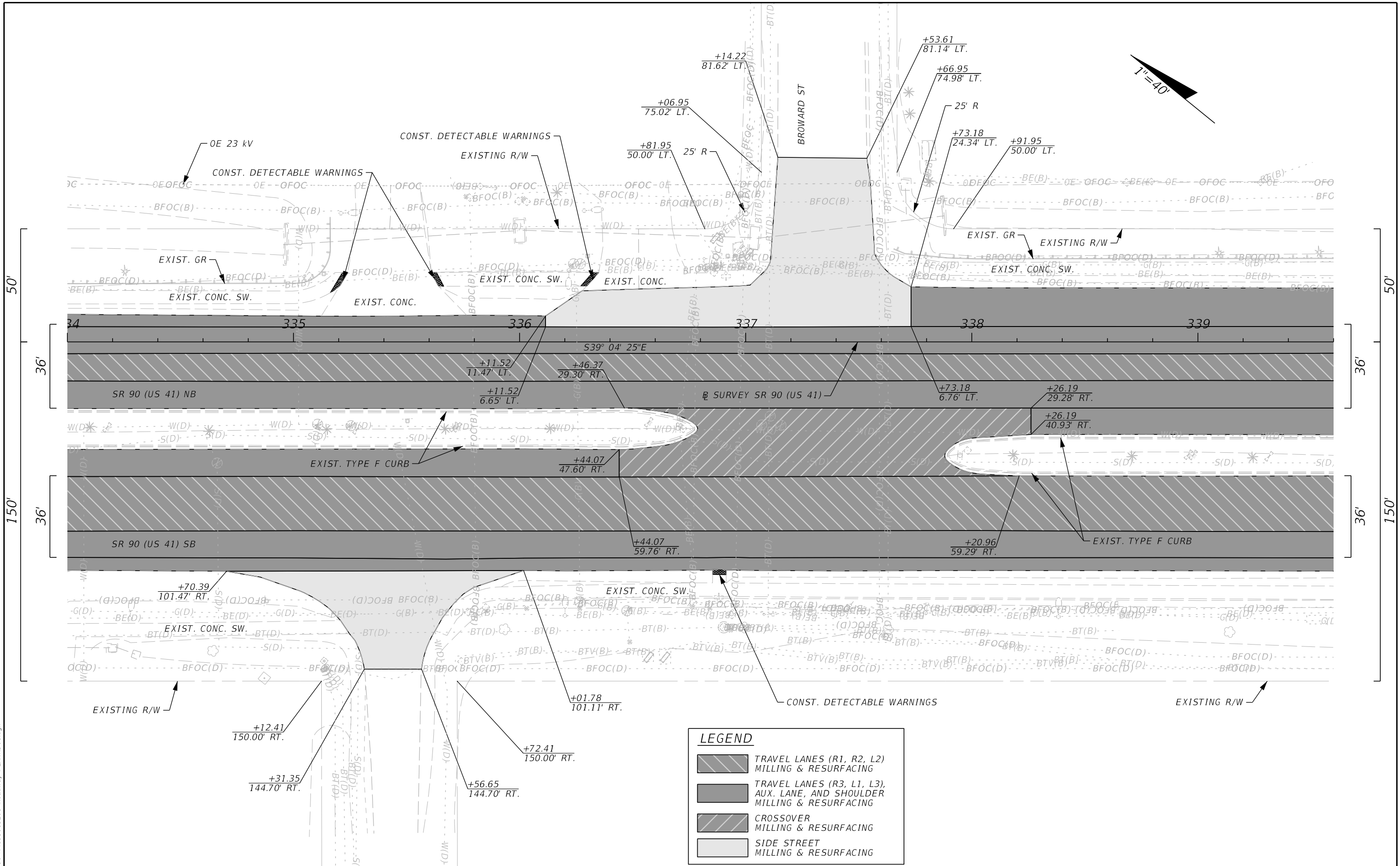
**ROADWAY PLAN**

SHEET NO.  
32

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**LEGEND**

	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	CROSSOVER MILLING & RESURFACING
	SIDE STREET MILLING & RESURFACING

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

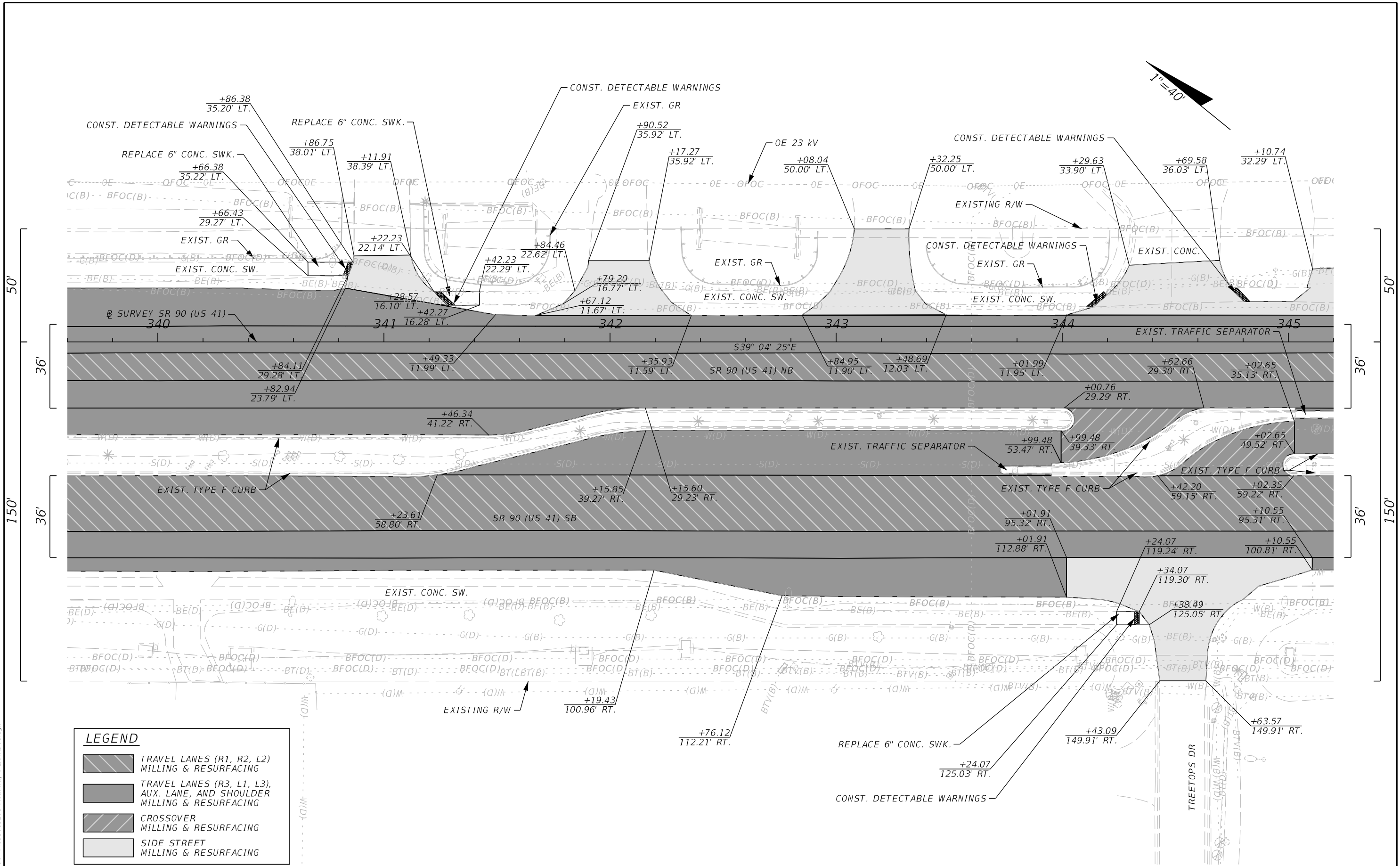
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

**ROADWAY PLAN**

SHEET NO.  
33

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3/28/2024 9:46:33 AM JKiriazes  
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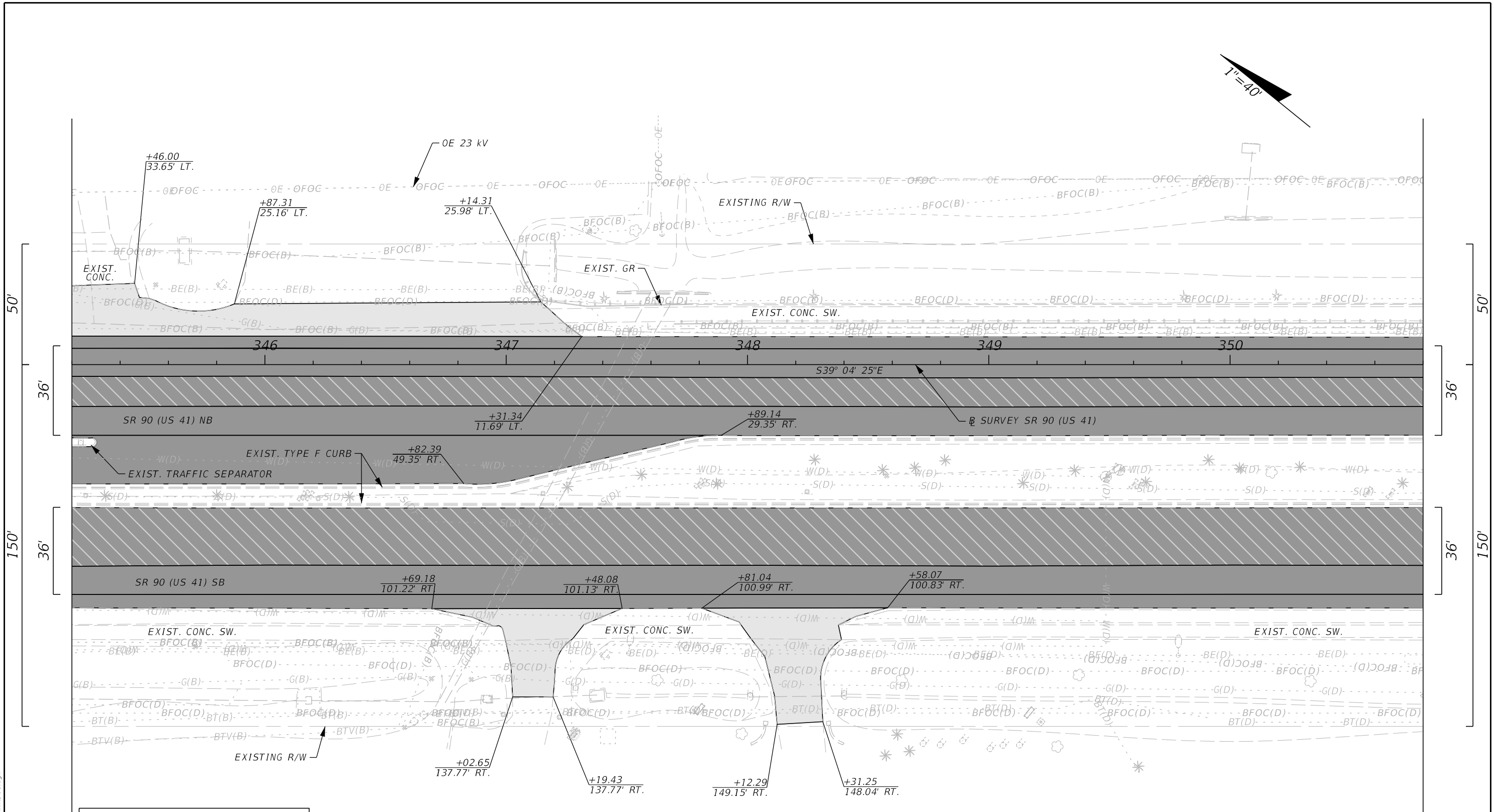
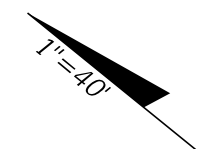
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	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	CROSSOVER MILLING & RESURFACING
	SIDE STREET MILLING & RESURFACING

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			

<b>ROADWAY PLAN</b>		SHEET NO.
		34

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**LEGEND**

	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	SIDE STREET 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

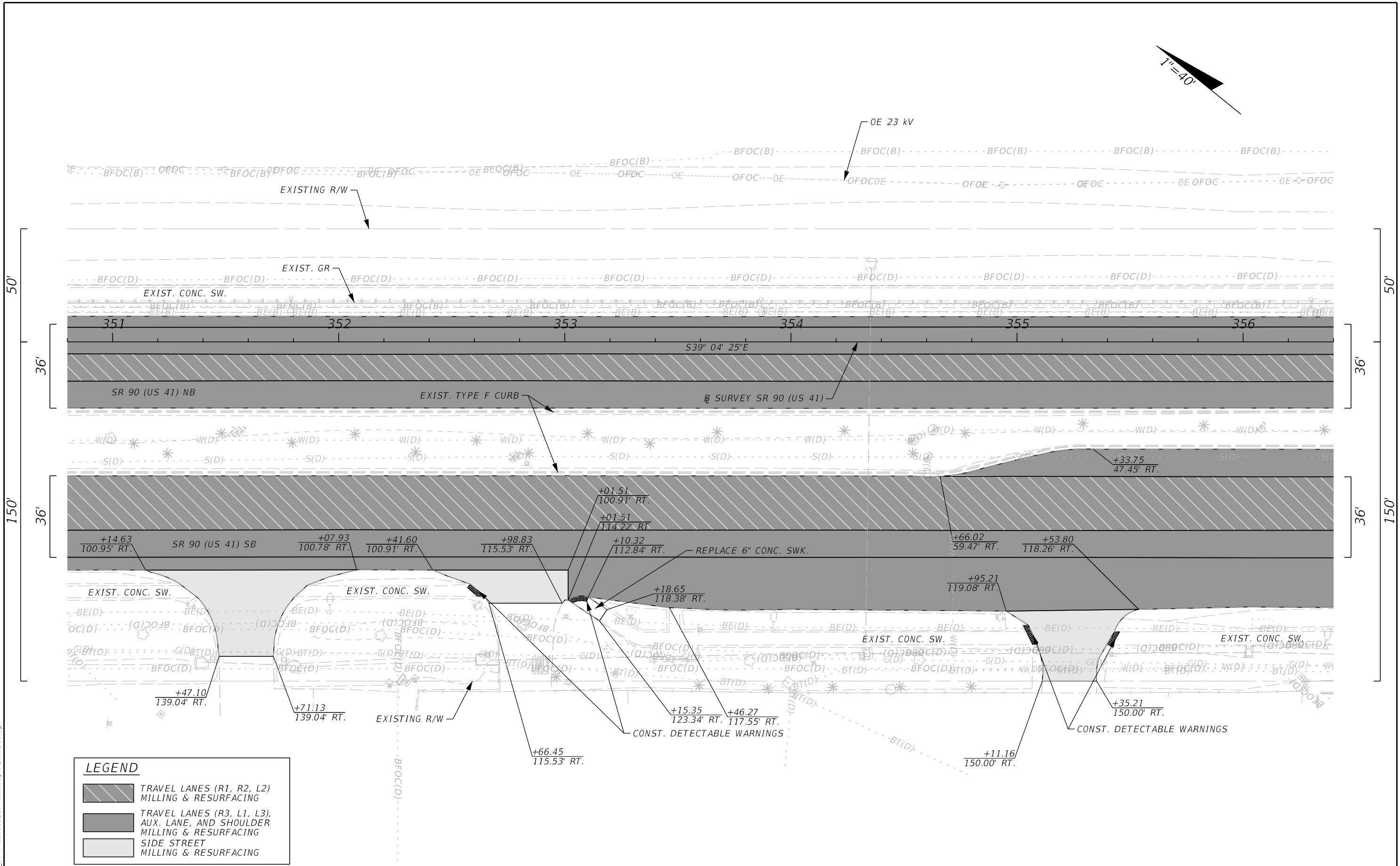
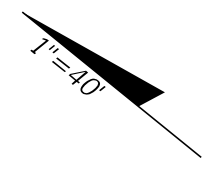
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

**ROADWAY PLAN**

SHEET NO.  
35

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**LEGEND**

	TRAVEL LANES (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	SIDE STREET MILLING & RESURFACING

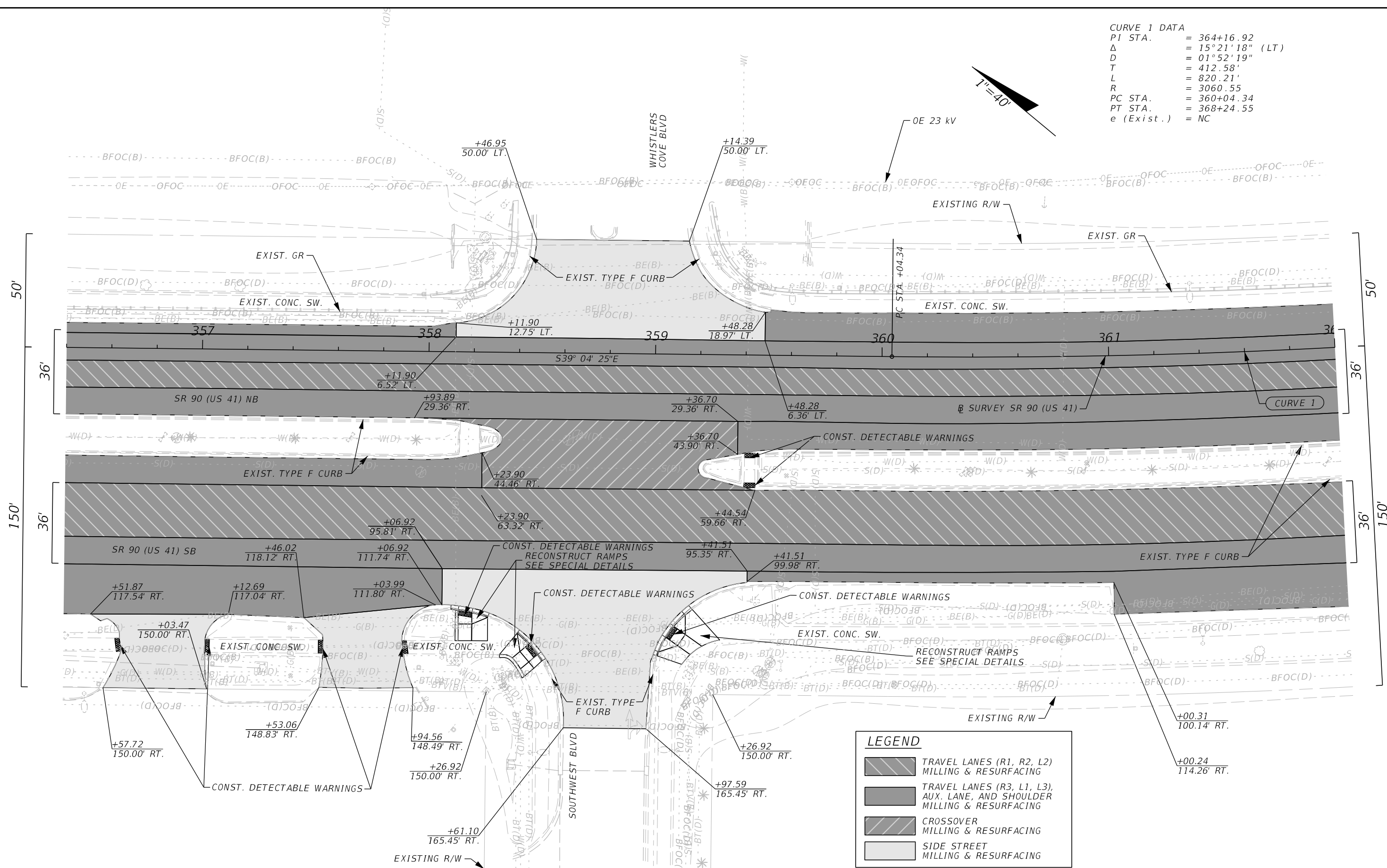
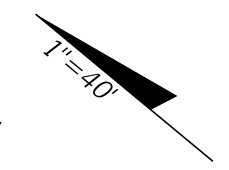
REVISIONS				The Balmoral Group 165 Lincoln Avenue Winter Park, FL 32789 Phone: (407) 629-2185 E.O.R.: Albert R. Smidebush, P.E. No. 73052	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>ROADWAY PLAN</b>	SHEET NO. 36
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 90	COLLIER	448930-1-52-01			

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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 (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	CROSSOVER MILLING & RESURFACING
	SIDE STREET MILLING & RESURFACING

3/28/2024 9:46:35 AM JKiriazes T:\1222055101\_00\_SR\_90\4489301\5201\Roadway\PLAINRD01.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

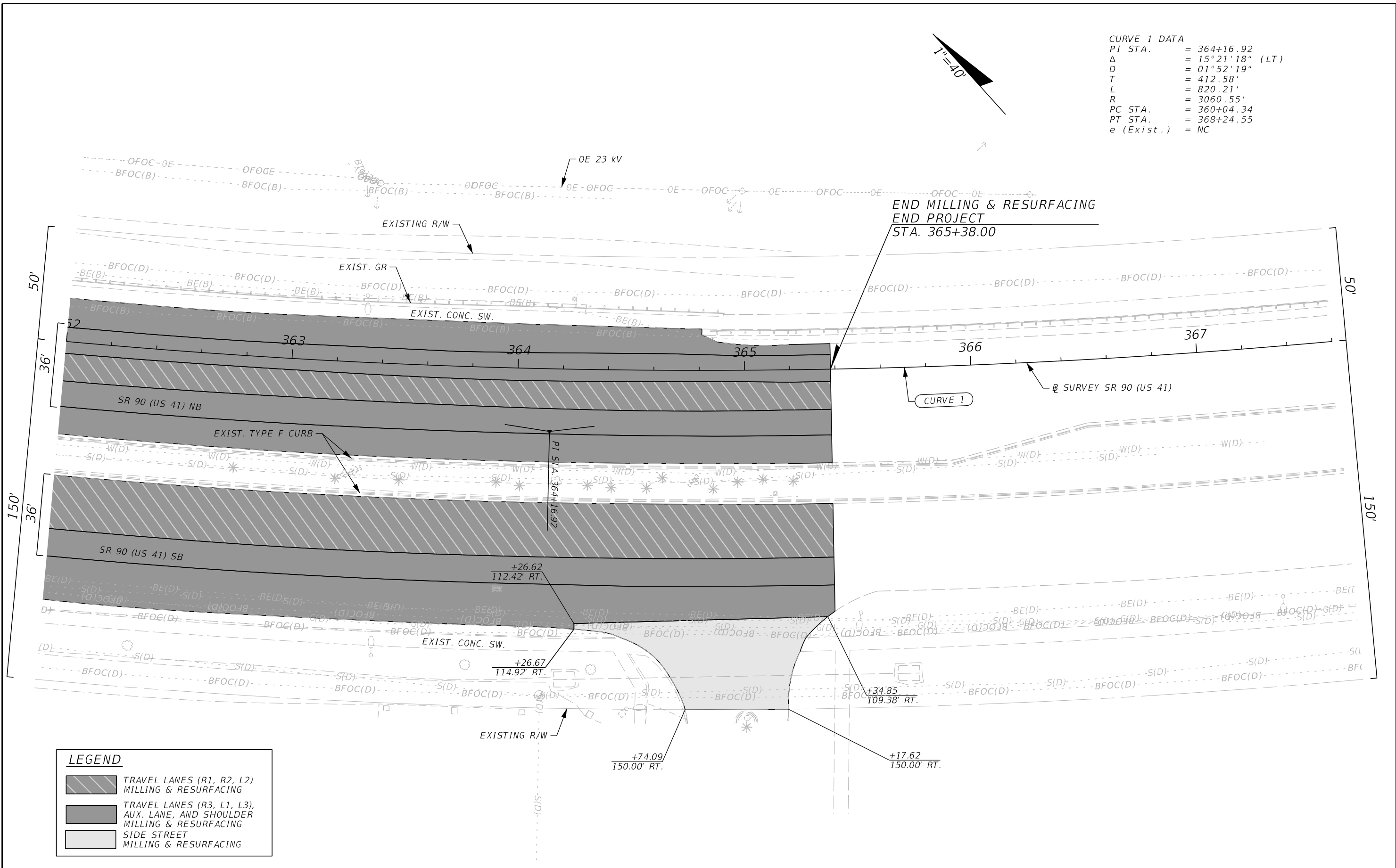
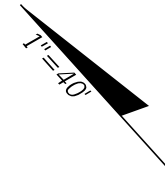
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

ROADWAY PLAN

SHEET  
NO.  
  
37

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CURVE 1 DATA  
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 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 (R1, R2, L2) MILLING & RESURFACING
	TRAVEL LANES (R3, L1, L3), AUX. LANE, AND SHOULDER MILLING & RESURFACING
	SIDE STREET 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

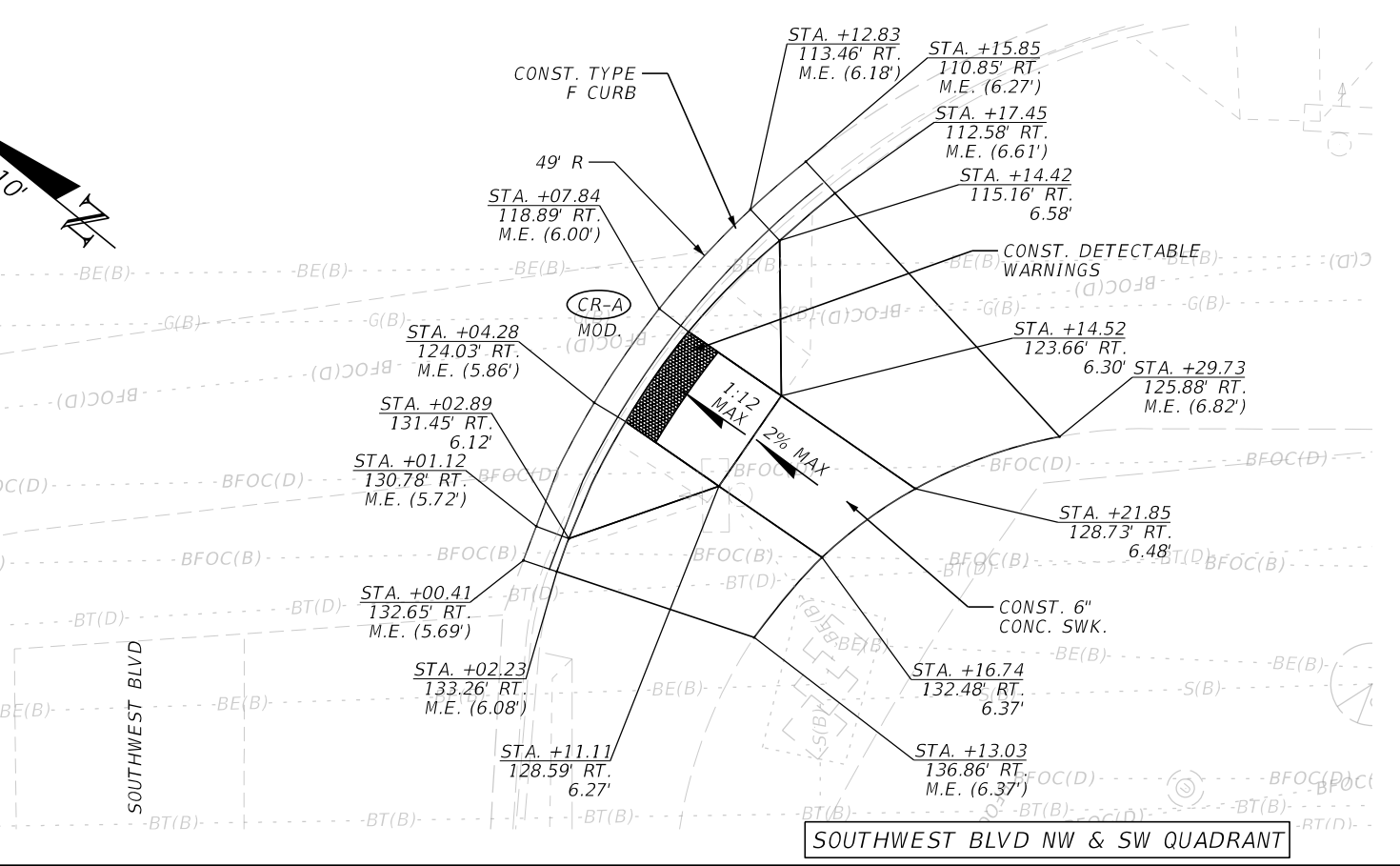
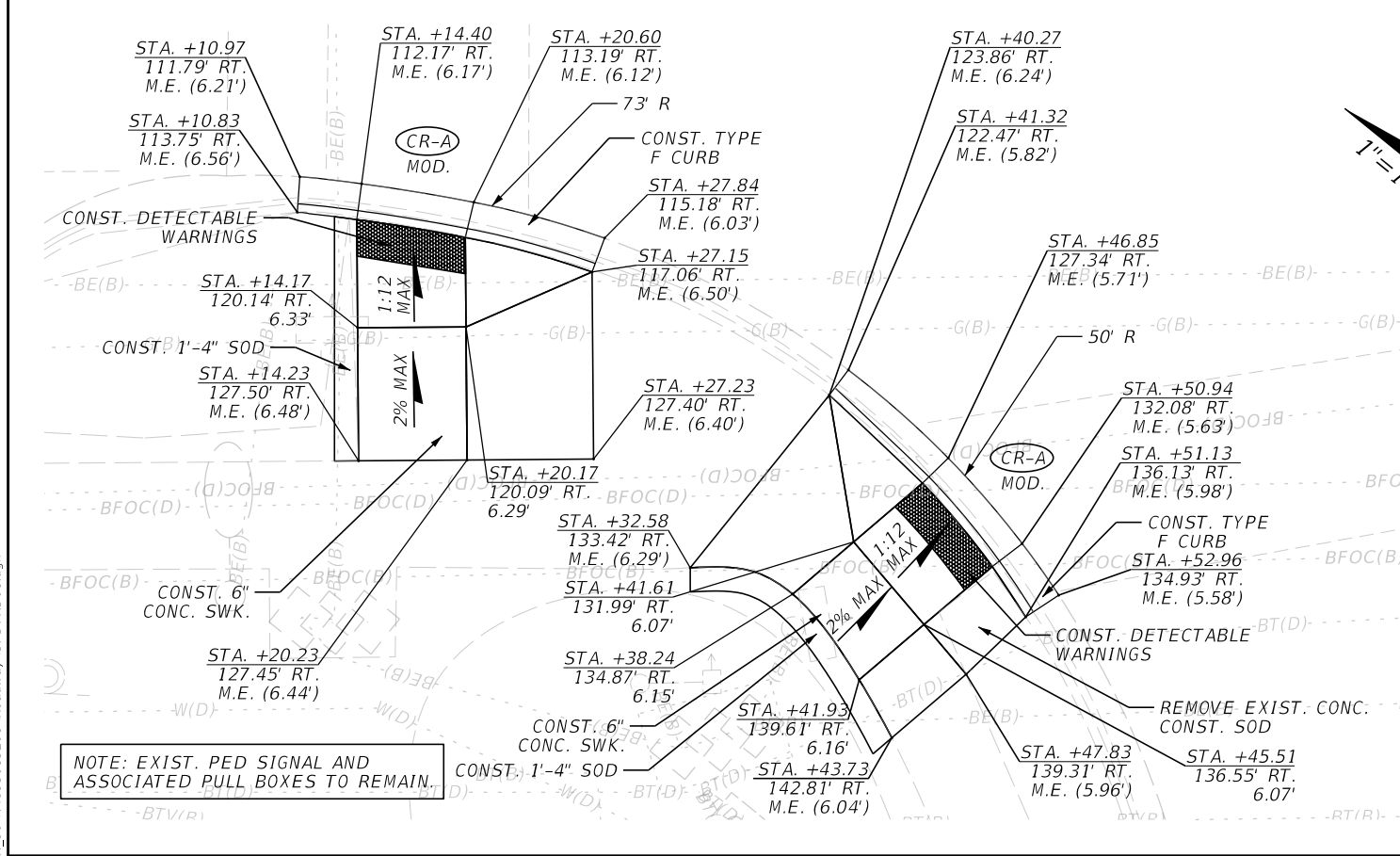
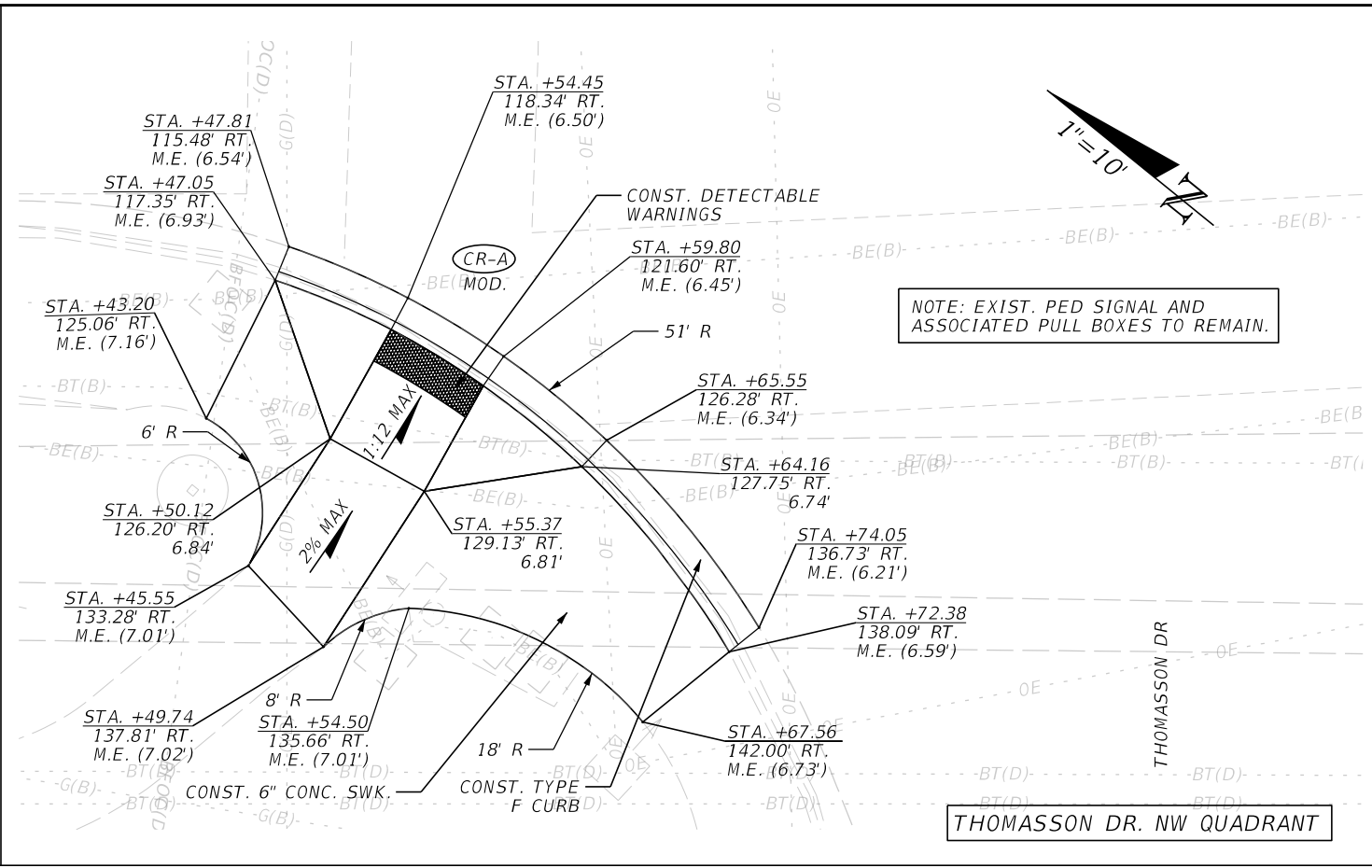
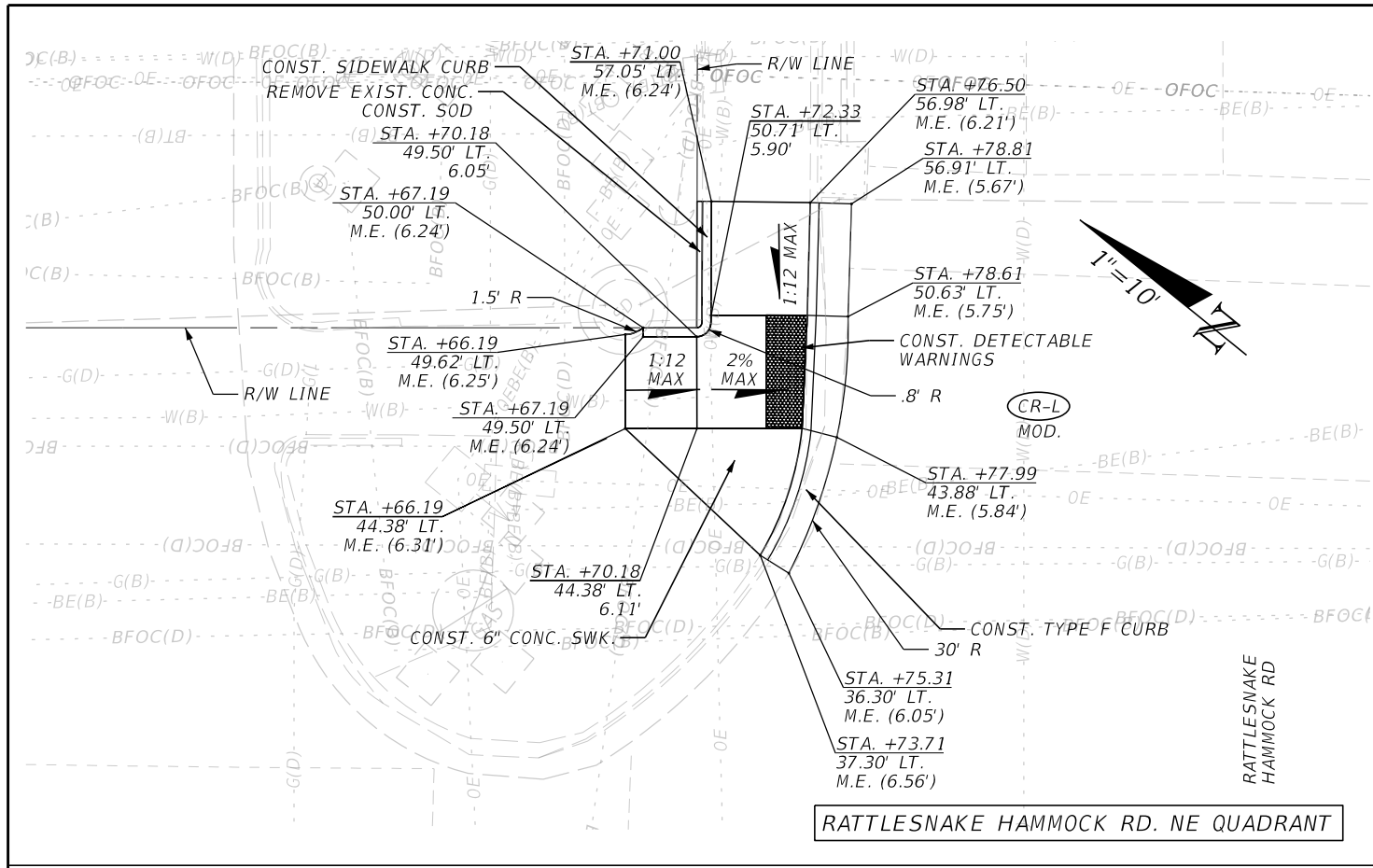
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

**ROADWAY PLAN**

SHEET NO.  
**38**

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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

**SPECIAL DETAILS**

SHEET NO.  
39

3/28/2024 9:46:51 AM JKiriazes T:\122205101.00\_SF\_90\_4489301\5201\Roadway\SPDRD01.dgn

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## TEMPORARY TRAFFIC CONTROL PLAN GENERAL NOTES

1. UNLESS OTHERWISE INDICATED IN THE TRAFFIC CONTROL PLAN DETAILS/PHASING NOTES, THE ALLOWABLE LANE CLOSURE TIMES ARE AS FOLLOWS AND ARE ONLY PERMITTED IN ACTIVE WORK ZONES.

TABLE 1  
PERMISSIBLE LANE CLOSURES  
(BOTH DIRECTIONS OF TRAVEL)

LANE CLOSURE TYPE	OPEN ROAD CONDITIONS	SIGNALIZED CONDITIONS
SINGLE LANE	8:00 PM TO 7:00 AM	8:00 PM TO 7:00 AM
DUAL LANE	8:00 PM TO 7:00 AM	10:00 PM TO 6:30 AM

WORK REQUIRING THE TEMPORARY CLOSURE OF DIRECTIONAL MEDIAN OPENINGS IS SUBJECT TO THE SAME ALLOWABLE LANE CLOSURE TIMES AS WORK WITHIN 600' OF A SIGNALIZED INTERSECTION.

2. THE EXISTING POSTED SPEED LIMIT ALONG SR 90 (US 41) SHALL REMAIN AT ALL TIMES DURING CONSTRUCTION. NO REDUCTION IN SPEED LIMIT IS ALLOWED.

3. UTILIZE PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGNS (PCMS) DURING ACTIVE NIGHT TIME OPERATIONS. THE DISPLAY SHALL BE PLACED IN ADVANCE OF THE FIRST WORK ZONE SIGN IN EACH DIRECTION APPROACHING THE WORK ZONE IN A LOCATION APPROVED BY THE ENGINEER. SEE THE PCMS DISPLAYS FOR USE DURING NIGHT TIME OPERATIONS.

4. UTILIZE ADVANCE SIGNING CONFIGURATION AND SPACING IN ACCORDANCE WITH INDEX 102-613, 102-615, 102-660 AND 102-661. PLACE THE MERGE ARROW BOARD 1,125-FT AND 2,925-FT PRIOR TO THE BEGINNING OF THE WORK ZONE FOR SINGLE AND DOUBLE LANE CLOSURES, RESPECTIVELY (STA 204+40 FOR SB, AND STA 365+38 FOR NB). UTILIZE SPACING PER INDEX 102-600 TO PLACE THE REMAINING ADVANCED SIGNING.

PROVIDE AVANCED SIGNING AT THE FOLLOWING SIDE STREETS IN ACCORDANCE WITH INDEX 102-615: THOMASSON LANE/CATALINA DRIVE, THOMASSON DRIVE/RATTLESNAKE HAMMOCK ROAD, VALLEY STREAM DRIVE, TOBAGO BOULEVARD, ST. ANDREWS BOULEVARD, CONFEDERATE DRIVE, TEVISO BAY BLVD/JOHNS STREET, ENTRANCE STREET, RAINTREE LANE, MARTIN STREET, CYPRESS LANE, MYRTLE LANE, BROWARD STREET, TREETOPS DRIVE, SOUTHWEST BOULEVARD/WHISTLERS COVE BOULEVARD.

5. PRIOR TO AND DURING LANE CLOSURES ALONG SR 90 (US 41), UTILIZE A PORTABLE CHANGABLE (VARIABLE) MESSAGE SIGN (PCMS) IN ADVANCE OF THE LANE CLOSURE AREA FOR APPROACHING TRAFFIC. SEE THE PCMS DISPLAYS FOR MESSAGING.

6. NOTIFY COLLIER AREA TRANSIT (CAT) FOURTEEN (14) BUSINESS DAYS PRIOR TO PERFORMING ANY WORK IN THE VICINITY OF AN EXISTING TRANSIT STOP (LIZ SORIANO, PROJECT MANAGER, 239-252-4994, LIZ.SORIANO@COLLIERCOUNTYFL.GOV).

7. LANE CONFIGURATION AND TEMPORARY TRAFFIC CONTROL DEVICES AS DEPICTED IN TTCP TYPICALS (STAGE 1 & 2) SHALL BE APPLIED CONSISTENTLY ACROSS THE SR 90 (US 41) BRIDGES (#030310 & 030193).

8. SIDEWALK CLOSURES ARE ONLY PERMITTED DURING THE SAME PERIODS AS PERMISSIBLE FOR LANE CLOSURES. CONCURRENT IMPLEMENTATION OF MULTIPLE PEDESTRIAN DETOURS IS NOT PERMITTED.

9. MAINTAIN POSITIVE DRAINAGE THROUGH ALL PHASES AND STAGES OF CONSTRUCTION.

## TEMPORARY TRAFFIC CONTROL PLAN PHASING NOTES

PHASE 1:

MAJOR WORK ITEMS: PLACE ADVANCE PROJECT SIGNING, PLACE EROSION CONTROL ITEMS, MILL ROADWAY AND CONSTRUCT STRUCTURAL COURSE. PLACE TEMPORARY PAVEMENT MARKINGS AND RPMs TO MATCH THE FINAL CONFIGURATION, CONSTRUCT SIGNING AND RECONSTRUCT CURB RAMPS.

MAINTAIN VEHICULAR AND BICYCLE TRAFFIC UTILIZING LANE CLOSURES PER STANDARD PLANS INDEX 102-613 & 102-661. REFER TO TTCP TYPICALS (STAGE 1 & 2) FOR MILLING & RESURFACING SEQUENCING. UTILIZE INDEX 102-615 AT SIGNALIZED INTERSECTIONS. UTILIZE INDEX 102-615 AT UNSIGNALIZED INTERSECTIONS. UTILIZE INDEX 102-602 FOR IMPROVEMENTS BEYOND THE SHOULDER.

MAINTAIN PEDESTRIAN TRAFFIC FOR ALL SIDEWALK WORK LOCATIONS UTILIZING THE PEDESTRIAN DETOUR SHEETS.

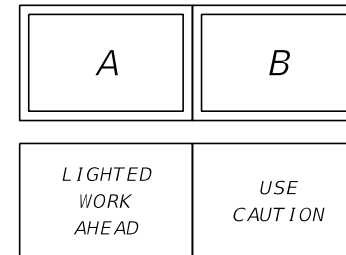
PHASE II:

MAJOR WORK ITEMS: REWORK SHOULDERS, SOD ANY UNPAVED DISTURBED AREAS, CONSTRUCT THE FINAL FRICTION COURSE, AND PLACE FINAL PAVEMENT MARKINGS AND RPMs.

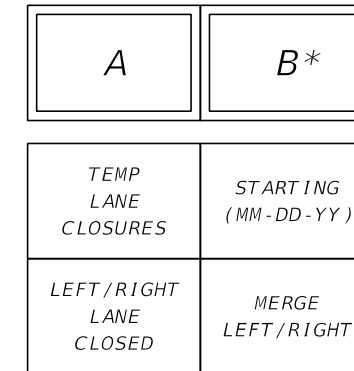
MAINTAIN VEHICULAR AND BICYCLE TRAFFIC UTILIZING LANE CLOSURES PER STANDARD PLANS INDEX 102-613 & 102-661. USE TTCP (STAGE 1 & 2) IN REVERSE ORDER FOR FRICTION COURSE SEQUENCING. UTILIZE INDEX 102-615 AT SIGNALIZED INTERSECTIONS. UTILIZE INDEX 102-615 AT UNSIGNALIZED INTERSECTIONS. UTILIZE INDEX 102-602 FOR IMPROVEMENTS BEYOND THE SHOULDER.

MAINTAIN PEDESTRIAN TRAFFIC UTILIZING EXISTING/NEWLY CONSTRUCTED FACILITIES.

PORTABLE CHANGEABLE (VARIABLE)  
MESSAGE SIGN (PCMS) DISPLAY FOR NIGHT TIME WORK



PORTABLE CHANGEABLE (VARIABLE) MESSAGE  
SIGN (PCMS) DISPLAY FOR LANE CLOSURES

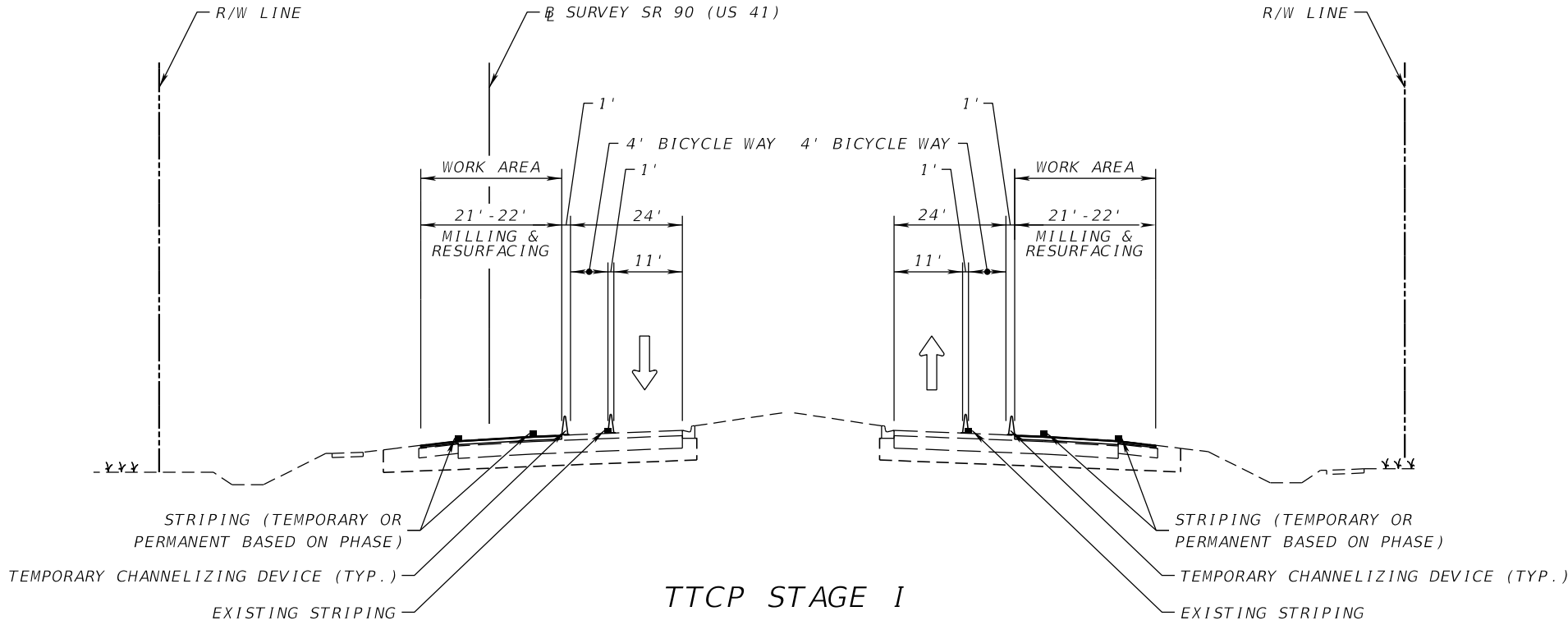


\* INFORMATION IN ( ) TO BE ADDED PER CONSTRUCTION SCHEDULE.

3/24/2024 10:50:03 AM RichardRamoutar C:\Worksets\FDOT\448930015201\Roadway\TCGNR001.dgn

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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>TEMPORARY TRAFFIC CONTROL PLAN</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHRISTOPHER LEE KARMERIS, P.E. LICENSE NUMBER: 87483 ANTHEM CONSULTING ENGINEERS, PLLC 47 E YALE STREET ORLANDO, FL 32804			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		40
							SR 90	COLLIER	448930-1-52-01		

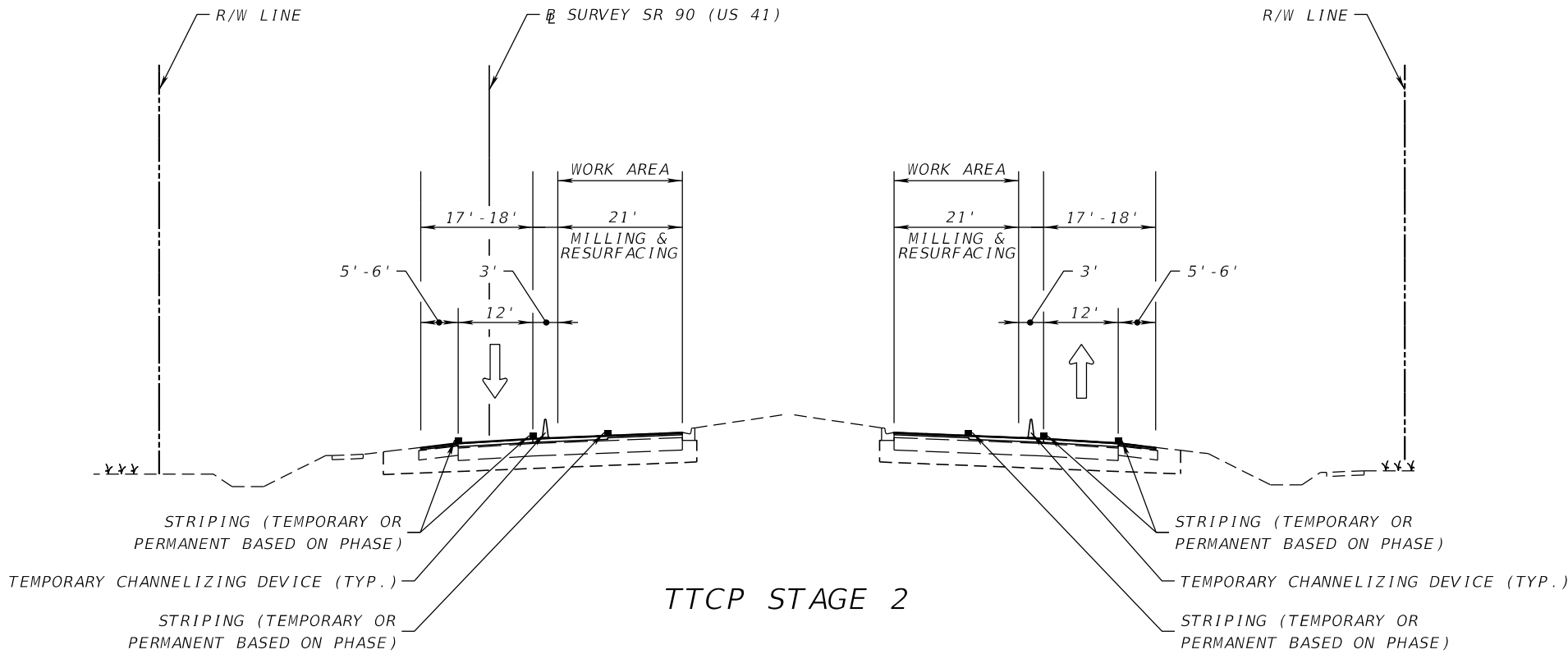


**STAGE 1**

CLOSE THE CENTER AND OUTSIDE LANE UTILIZING INDEX 102-613. CLOSE THE SHOULDER AND ROUTE BICYCLE TRAFFIC AROUND THE CLOSURE UTILIZING INDEX 102-661.

MAINTAIN TRAFFIC ON INSIDE TRAVEL LANE AND 4' WIDE TEMPORARY BICYCLE WAY. MILL & RESURFACE PAVEMENT AS SHOWN AND INSTALL STRIPING TO MATCH FINAL STRIPING CONFIGURATION.

REFER TO TTCP GENERAL NOTES FOR LANE CLOSURE RESTRICTIONS.



**STAGE 2**

CLOSE THE CENTER AND INSIDE LANE UTILIZING INDEX 102-613. MAINTAIN TRAFFIC ON OUTSIDE TRAVEL LANE AND SHOULDER. MILL & RESURFACE PAVEMENT AS SHOWN AND INSTALL STRIPING TO MATCH FINAL STRIPING CONFIGURATION.

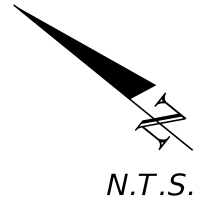
REFER TO TTCP GENERAL NOTES FOR LANE CLOSURE RESTRICTIONS.

3/26/2024 11:25:29 AM RichardRamoutar C:\Worksets\FDOT\4489300\5201\Roadway\TCT\RD01.dgn

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHRISOPHER LEE KARMERIS, P.E. LICENSE NUMBER: 87483 ANTHEM CONSULTING ENGINEERS, PLLC 47 E YALE STREET ORLANDO, FL 32804		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 90	COLLIER	448930-1-52-01	41

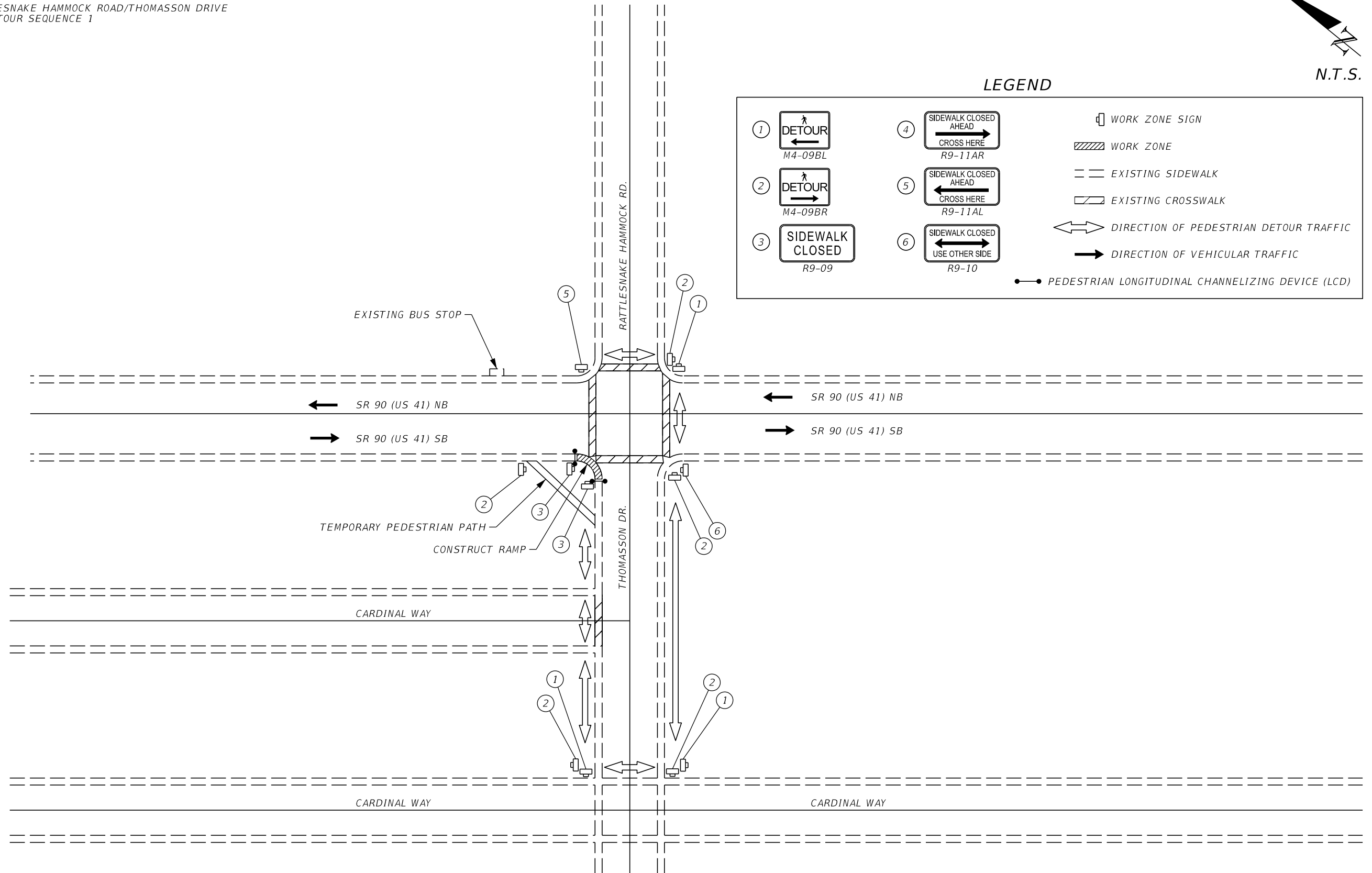
**TEMPORARY TRAFFIC  
CONTROL PLAN**

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LEGEND

① DETOUR M4-09BL	④ SIDEWALK CLOSED AHEAD CROSS HERE R9-11AR	□ WORK ZONE SIGN
② DETOUR M4-09BR	⑤ SIDEWALK CLOSED AHEAD CROSS HERE R9-11AL	▨ WORK ZONE
③ SIDEWALK CLOSED R9-09	⑥ SIDEWALK CLOSED USE OTHER SIDE R9-10	— EXISTING SIDEWALK
		▬ EXISTING CROSSWALK
		↔ DIRECTION OF PEDESTRIAN DETOUR TRAFFIC
		→ DIRECTION OF VEHICULAR TRAFFIC
		● PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE (LCD)

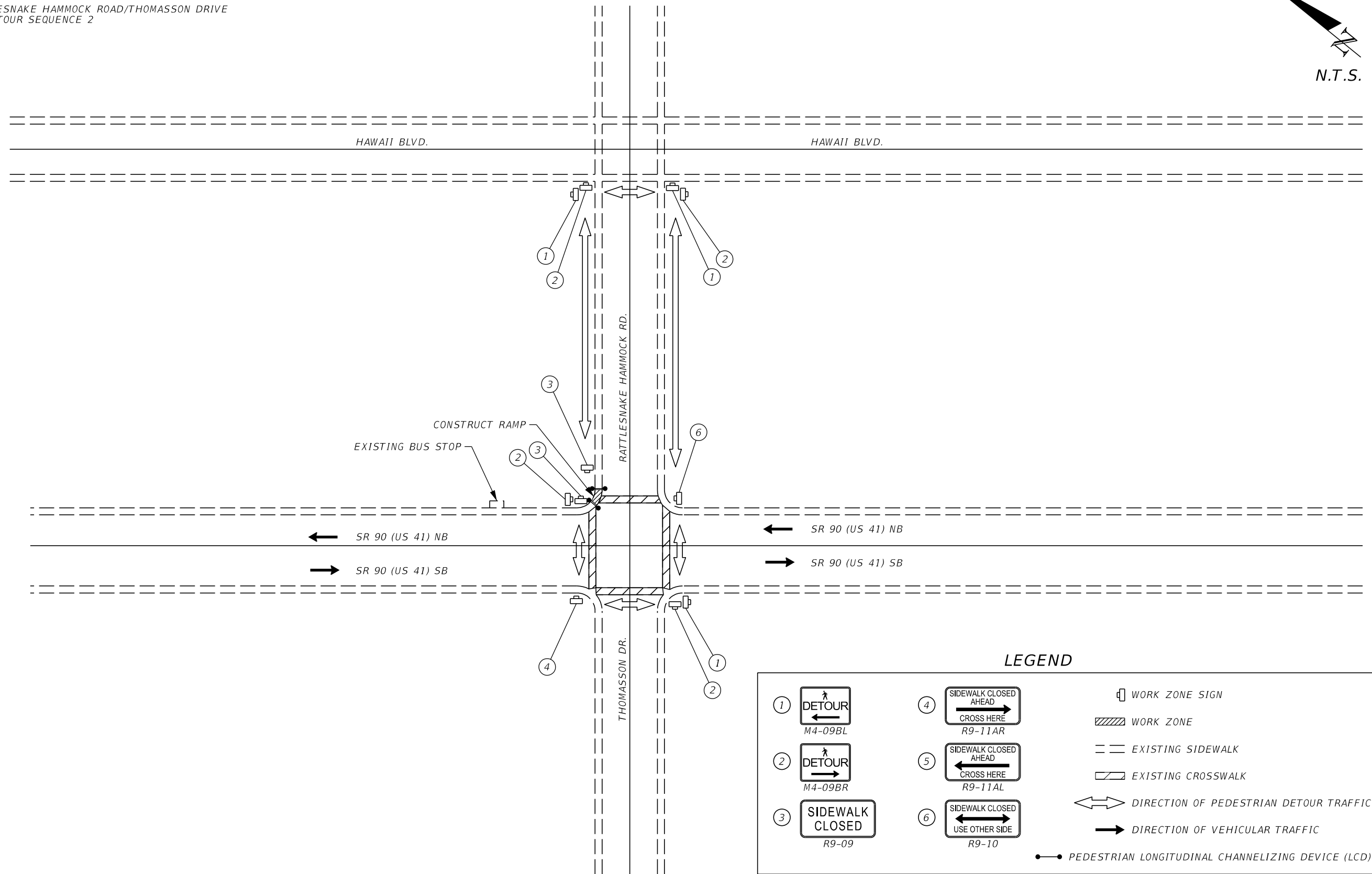
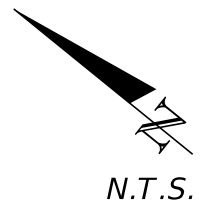


PEDESTRIAN DETOUR DETAIL NO. 1

3/24/2024 10:50:50 AM RichardRamoutar C:\Worksets\FDOT\4489300\1520\Roadway\TCPLR001.dgn

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHRISTOPHER LEE KARMERIS, P.E. LICENSE NUMBER: 87483 ANTHEM CONSULTING ENGINEERS, PLLC 47 E. YALE STREET ORLANDO, FL 32804		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 90	COLLIER	448930-1-52-01		42

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**LEGEND**

①		④			WORK ZONE SIGN
②		⑤			WORK ZONE
③		⑥			EXISTING SIDEWALK
					EXISTING CROSSWALK
					DIRECTION OF PEDESTRIAN DETOUR TRAFFIC
					DIRECTION OF VEHICULAR TRAFFIC
					PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE (LCD)

PEDESTRIAN DETOUR DETAIL NO. 2

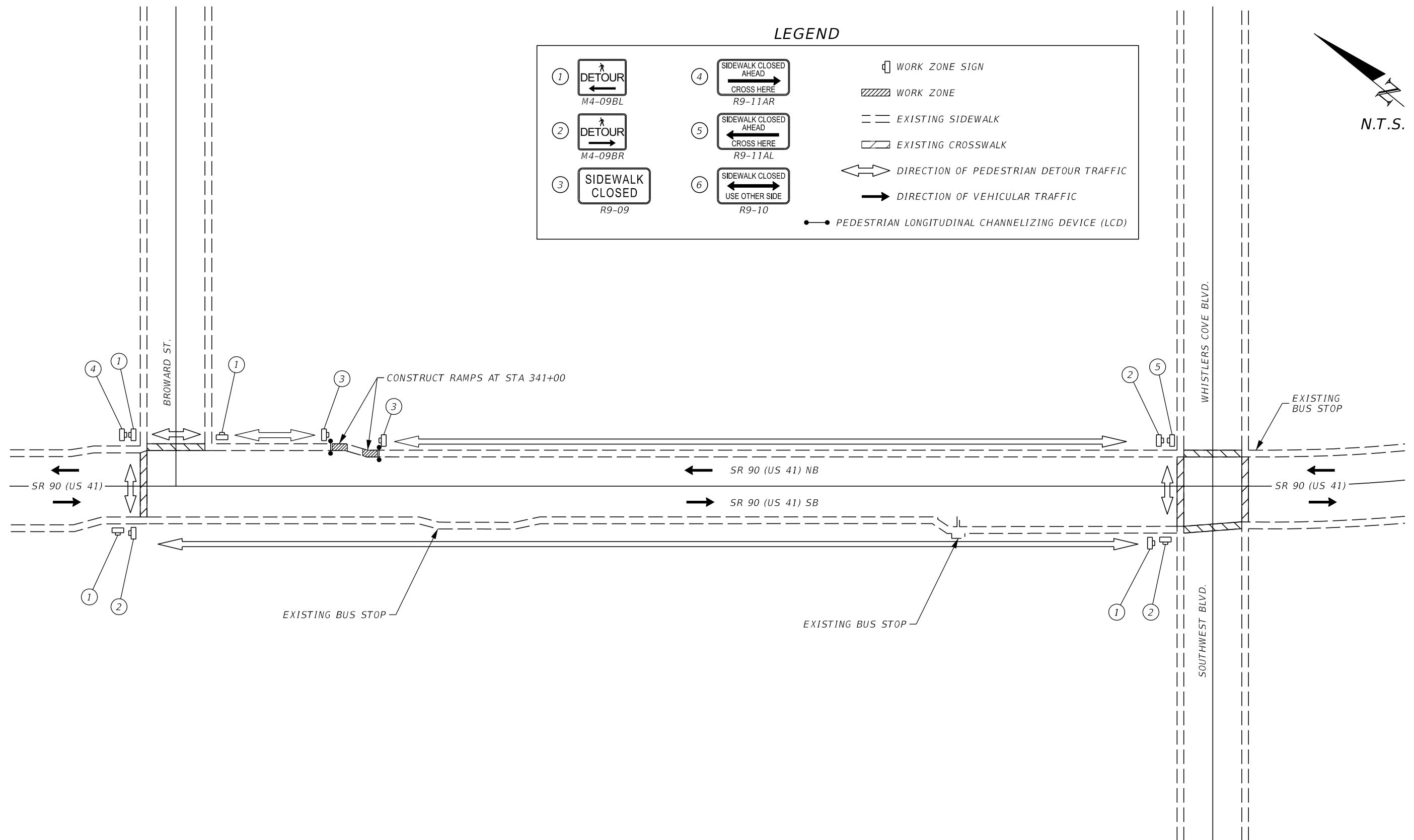
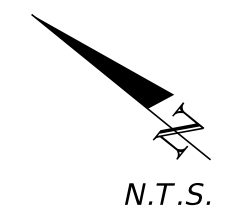
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DATE	DESCRIPTION	DATE	DESCRIPTION	CHRISTOPHER LEE KARMERIS, P.E. LICENSE NUMBER: 87483 ANTHEM CONSULTING ENGINEERS, PLLC 47 E. YALE STREET ORLANDO, FL 32804		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		43
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LEGEND

① DETOUR M4-09BL	④ SIDEWALK CLOSED AHEAD CROSS HERE R9-11AR	WORK ZONE SIGN
② DETOUR M4-09BR	⑤ SIDEWALK CLOSED AHEAD CROSS HERE R9-11AL	WORK ZONE
③ SIDEWALK CLOSED R9-09	⑥ SIDEWALK CLOSED USE OTHER SIDE R9-10	EXISTING SIDEWALK
		EXISTING CROSSWALK
		DIRECTION OF PEDESTRIAN DETOUR TRAFFIC
		DIRECTION OF VEHICULAR TRAFFIC
		PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE (LCD)



PEDESTRIAN DETOUR DETAIL NO. 3

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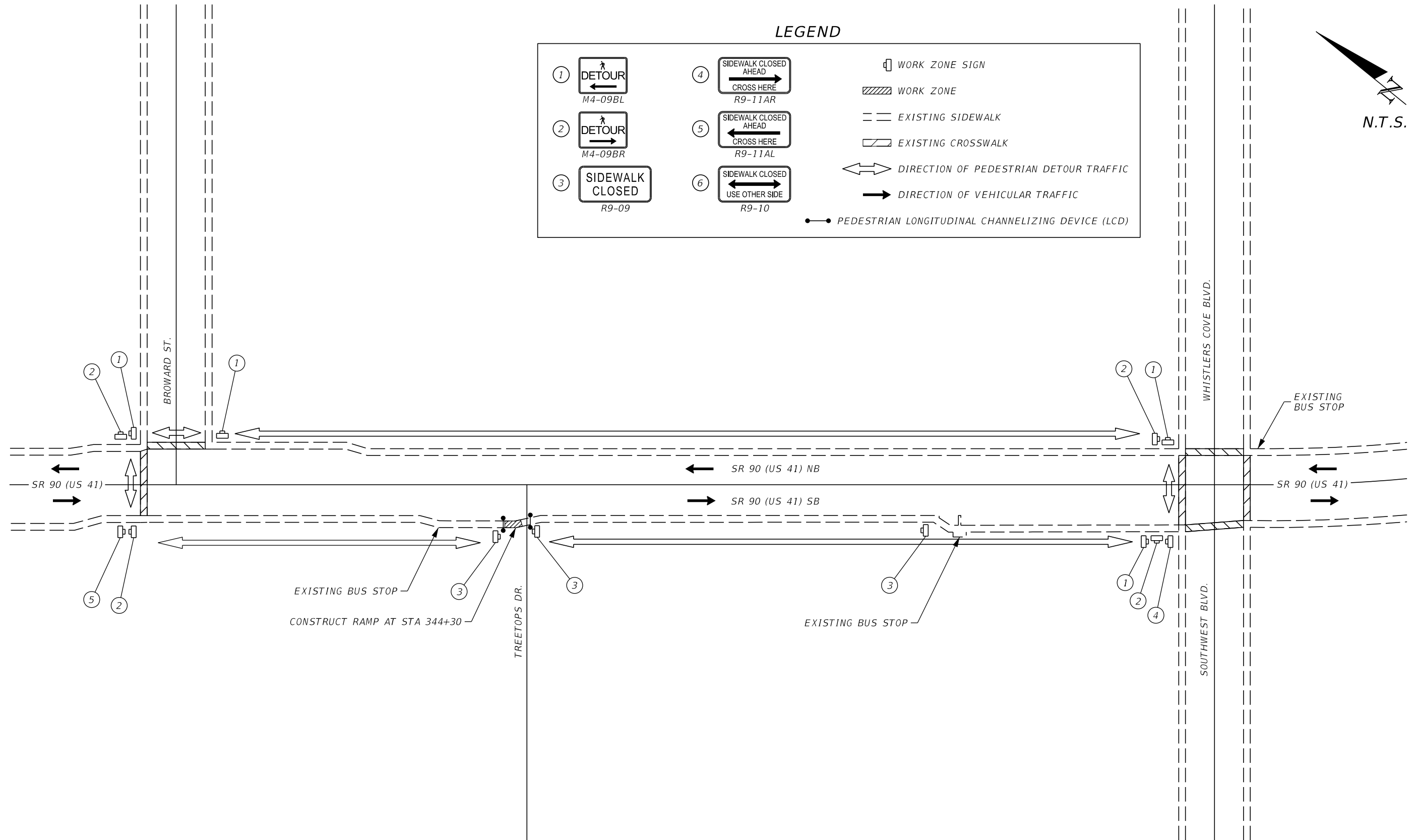
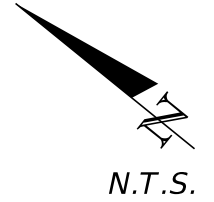
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHRISTOPHER LEE KARMERIS, P.E. LICENSE NUMBER: 87483 ANTHEM CONSULTING ENGINEERS, PLLC 47 E. YALE STREET ORLANDO, FL 32804		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		44
						SR 90	COLLIER	448930-1-52-01		

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LEGEND

① DETOUR M4-09BL	④ SIDEWALK CLOSED AHEAD CROSS HERE R9-11AR	WORK ZONE SIGN
② DETOUR M4-09BR	⑤ SIDEWALK CLOSED AHEAD CROSS HERE R9-11AL	WORK ZONE
③ SIDEWALK CLOSED R9-09	⑥ SIDEWALK CLOSED USE OTHER SIDE R9-10	EXISTING SIDEWALK
		EXISTING CROSSWALK
		DIRECTION OF PEDESTRIAN DETOUR TRAFFIC
		DIRECTION OF VEHICULAR TRAFFIC
		PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE (LCD)



PEDESTRIAN DETOUR DETAIL NO. 4

3/24/2024 10:51:54 AM RichardRamoutar C:\Worksets\FDOT\448930015201\Roadway\TCPLR001.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD  
CHRISTOPHER LEE KARMERIS, P.E.  
LICENSE NUMBER: 87483  
ANTHEM CONSULTING ENGINEERS, PLLC  
47 E. YALE STREET  
ORLANDO, FL 32804

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

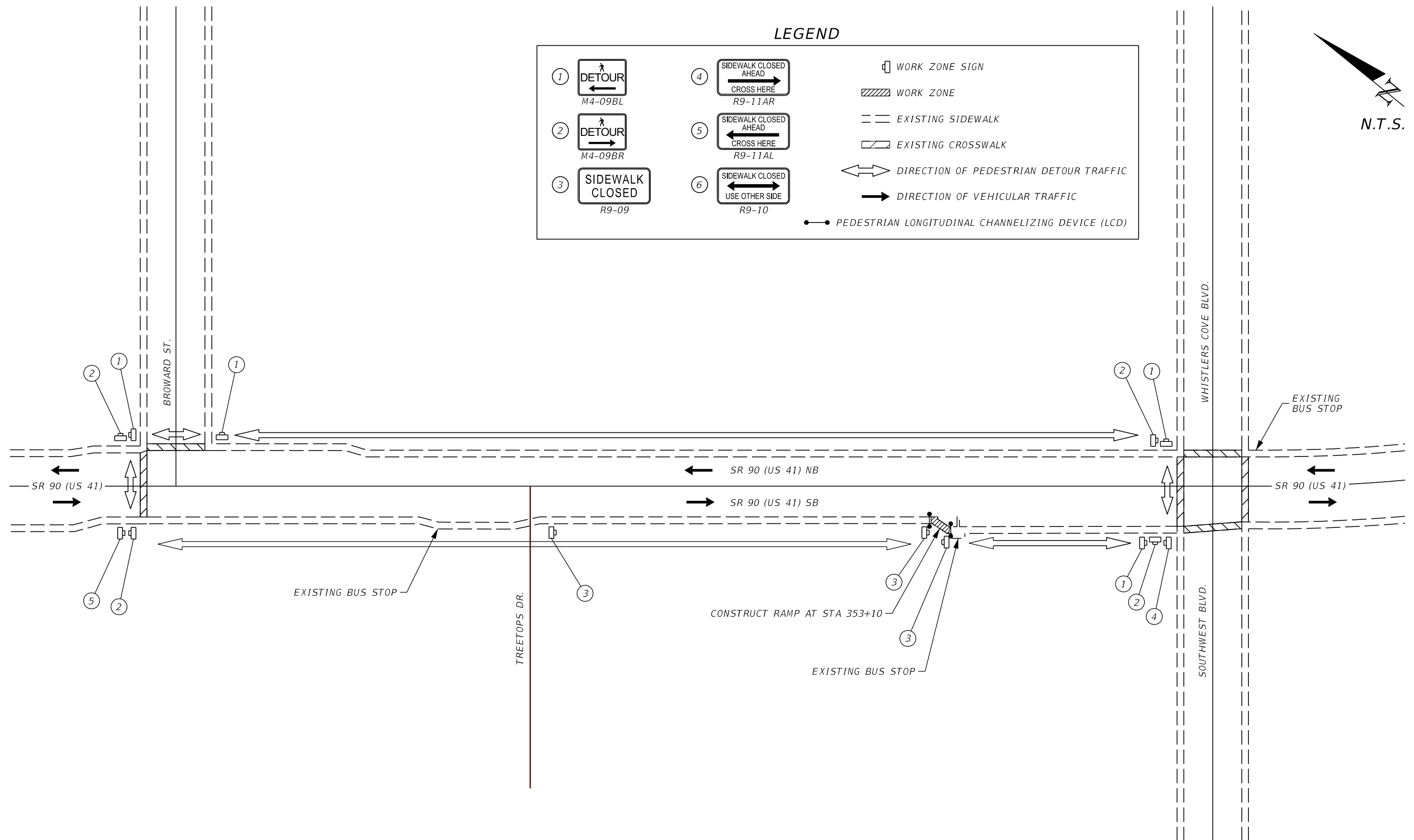
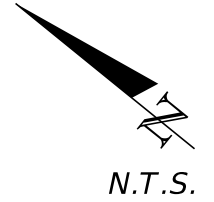
**TEMPORARY TRAFFIC  
CONTROL PLAN**

SHEET NO.  
45

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

LEGEND

① DETOUR M4-09BL	④ SIDEWALK CLOSED AHEAD CROSS HERE R9-11AR	WORK ZONE SIGN
② DETOUR M4-09BR	⑤ SIDEWALK CLOSED AHEAD CROSS HERE R9-11AL	WORK ZONE
③ SIDEWALK CLOSED R9-09	⑥ SIDEWALK CLOSED USE OTHER SIDE R9-10	EXISTING SIDEWALK
		EXISTING CROSSWALK
		DIRECTION OF PEDESTRIAN DETOUR TRAFFIC
		DIRECTION OF VEHICULAR TRAFFIC
		PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE (LCD)

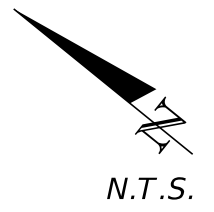


PEDESTRIAN DETOUR DETAIL NO. 5

3/24/2024 10:52:14 AM RichardRamoutar C:\Worksets\FDOT\448930015201\Roadway\TCPLR001.dgn

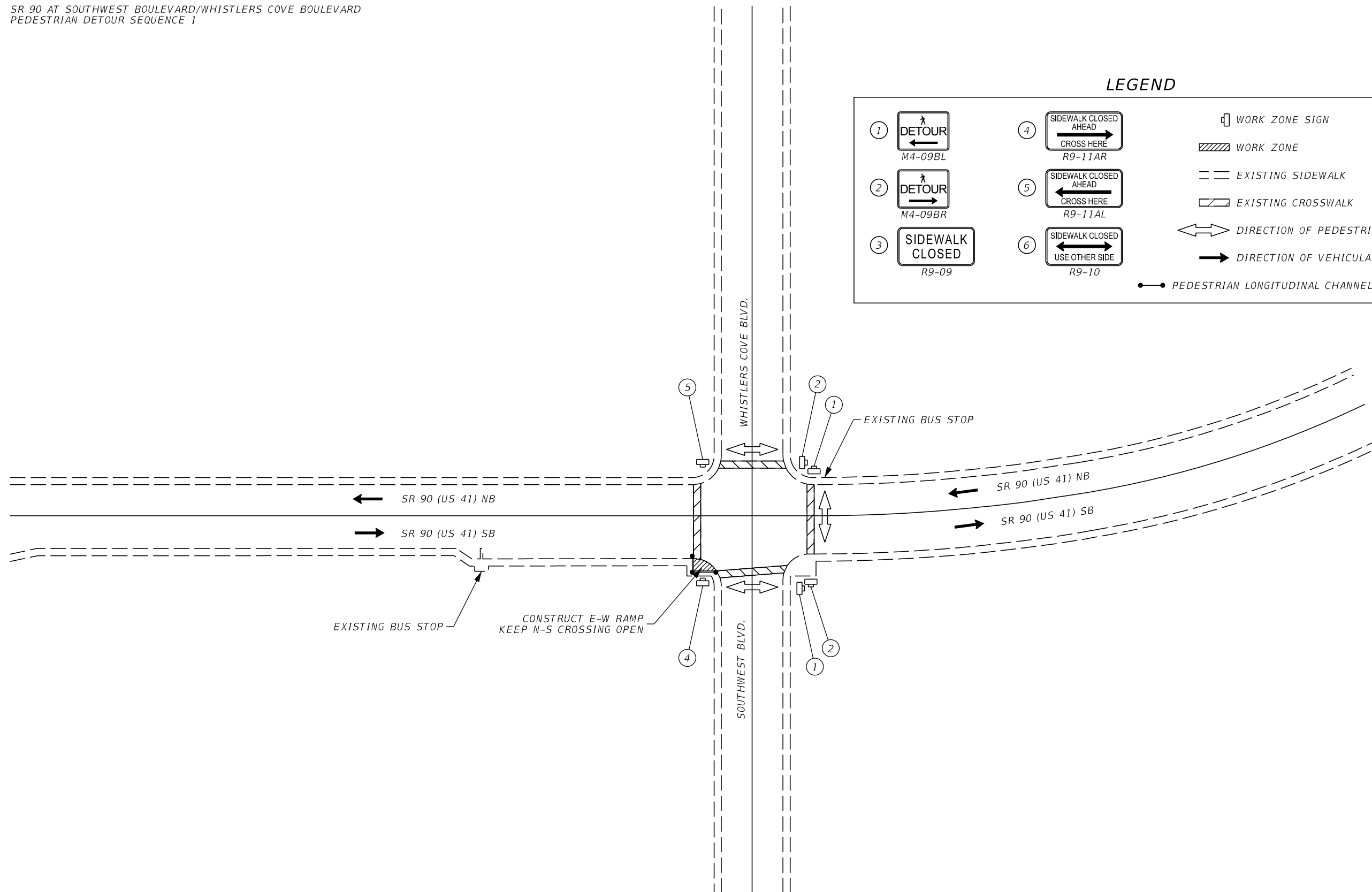
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHRISTOPHER LEE KARMERIS, P.E. LICENSE NUMBER: 87483 ANTHEM CONSULTING ENGINEERS, PLLC 47 E. YALE STREET ORLANDO, FL 32804		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		46
						SR 90	COLLIER	448930-1-52-01		

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**LEGEND**

① DETOUR M4-09BL	④ SIDEWALK CLOSED AHEAD CROSS HERE R9-11AR	□ WORK ZONE SIGN
② DETOUR M4-09BR	⑤ SIDEWALK CLOSED AHEAD CROSS HERE R9-11AL	▨ WORK ZONE
③ SIDEWALK CLOSED R9-09	⑥ SIDEWALK CLOSED USE OTHER SIDE R9-10	--- EXISTING SIDEWALK
		▬ EXISTING CROSSWALK
		⇄ DIRECTION OF PEDESTRIAN DETOUR TRAFFIC
		→ DIRECTION OF VEHICULAR TRAFFIC
		● PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE (LCD)

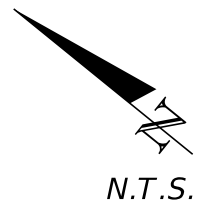


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3/24/2024 10:52:30 AM RichardRamoutar C:\Worksets\FDOT\448930015201\Roadway\TCPLRDO1.dgn

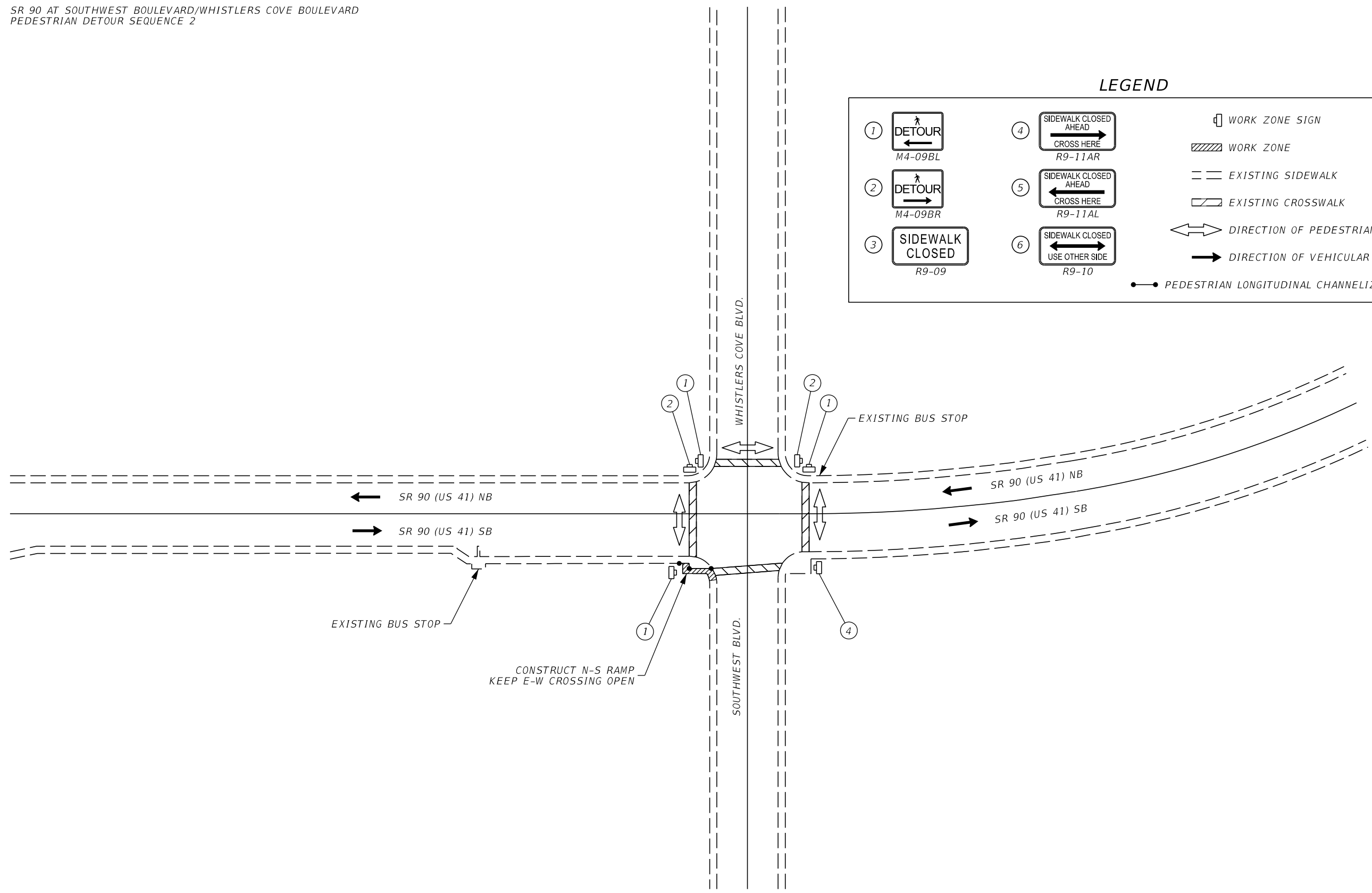
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.  47
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				CHRISTOPHER LEE KARMERIS, P.E. LICENSE NUMBER: 87483 ANTHEM CONSULTING ENGINEERS, PLLC 47 E. YALE STREET ORLANDO, FL 32804	SR 90	COLLIER	448930-1-52-01		

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**LEGEND**

①		④		
②		⑤		
③		⑥		

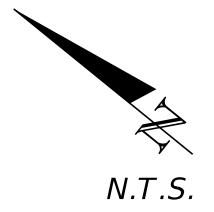


PEDESTRIAN DETOUR DETAIL NO. 7

3/24/2024 10:52:45 AM RichardRamoutar C:\Worksets\FDOT\4489300\1520\Roadway\TCPLR001.dgn

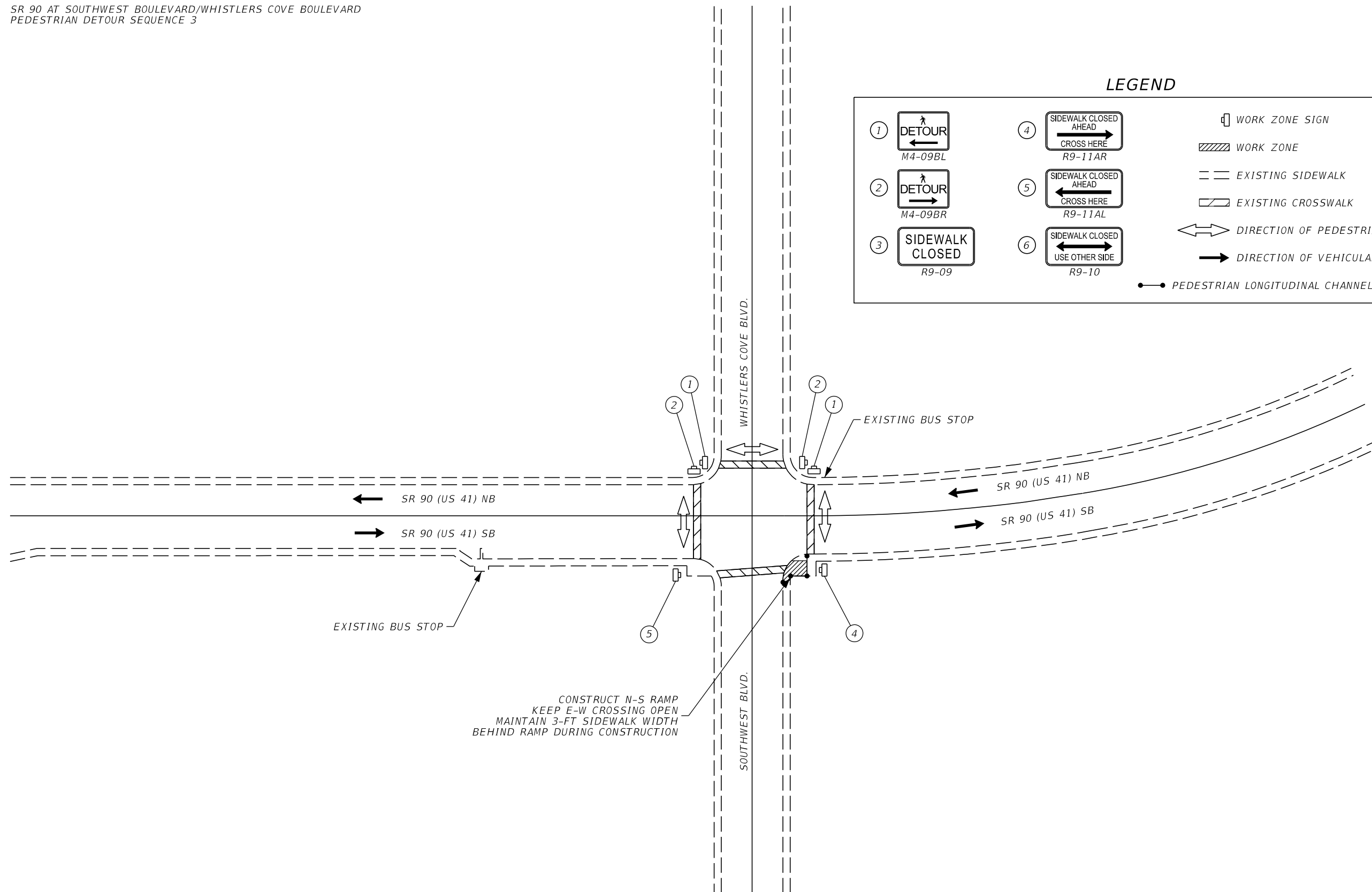
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN	SHEET NO.  48
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				CHRISTOPHER LEE KARMERIS, P.E. LICENSE NUMBER: 87483 ANTHEM CONSULTING ENGINEERS, PLLC 47 E. YALE STREET ORLANDO, FL 32804	SR 90	COLLIER	448930-1-52-01		

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**LEGEND**

<p>①  DETOUR M4-09BL</p> <p>②  DETOUR M4-09BR</p> <p>③  SIDEWALK CLOSED R9-09</p>	<p>④  SIDEWALK CLOSED AHEAD CROSS HERE R9-11AR</p> <p>⑤  SIDEWALK CLOSED AHEAD CROSS HERE R9-11AL</p> <p>⑥  SIDEWALK CLOSED USE OTHER SIDE R9-10</p>	<p> WORK ZONE SIGN</p> <p> WORK ZONE</p> <p> EXISTING SIDEWALK</p> <p> EXISTING CROSSWALK</p> <p> DIRECTION OF PEDESTRIAN DETOUR TRAFFIC</p> <p> DIRECTION OF VEHICULAR TRAFFIC</p> <p> PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE (LCD)</p>
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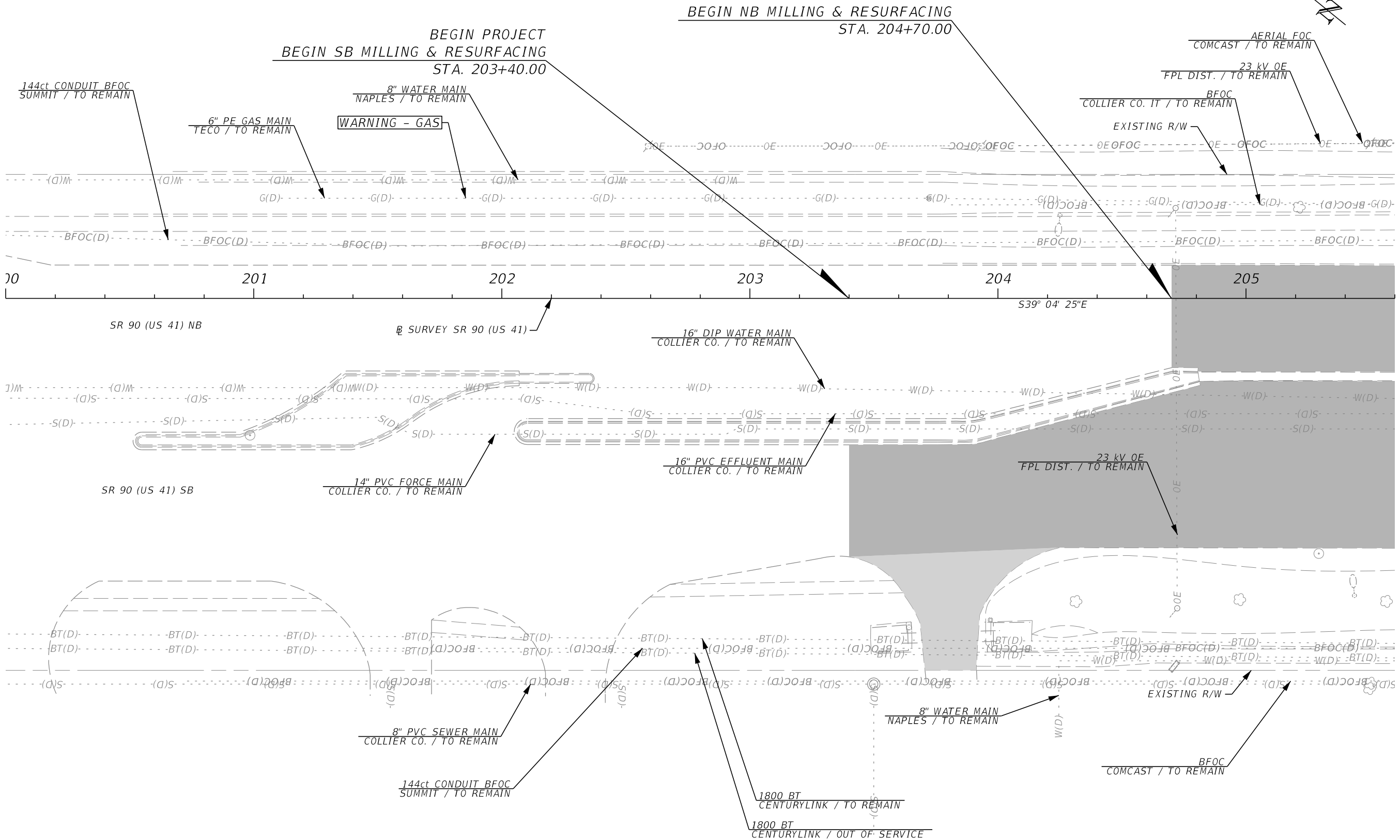


PEDESTRIAN DETOUR DETAIL NO. 8

3/24/2024 10:53:00 AM RichardRamoutar C:\Worksets\FDOT\4489300\1520\Roadway\TCPLR001.dgn

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>TEMPORARY TRAFFIC CONTROL PLAN</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	CHRISTOPHER LEE KARMERIS, P.E. LICENSE NUMBER: 87483 ANTHEM CONSULTING ENGINEERS, PLLC 47 E. YALE STREET ORLANDO, FL 32804		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		49
								SR 90		

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50'  
 36'  
 36'  
 150'

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

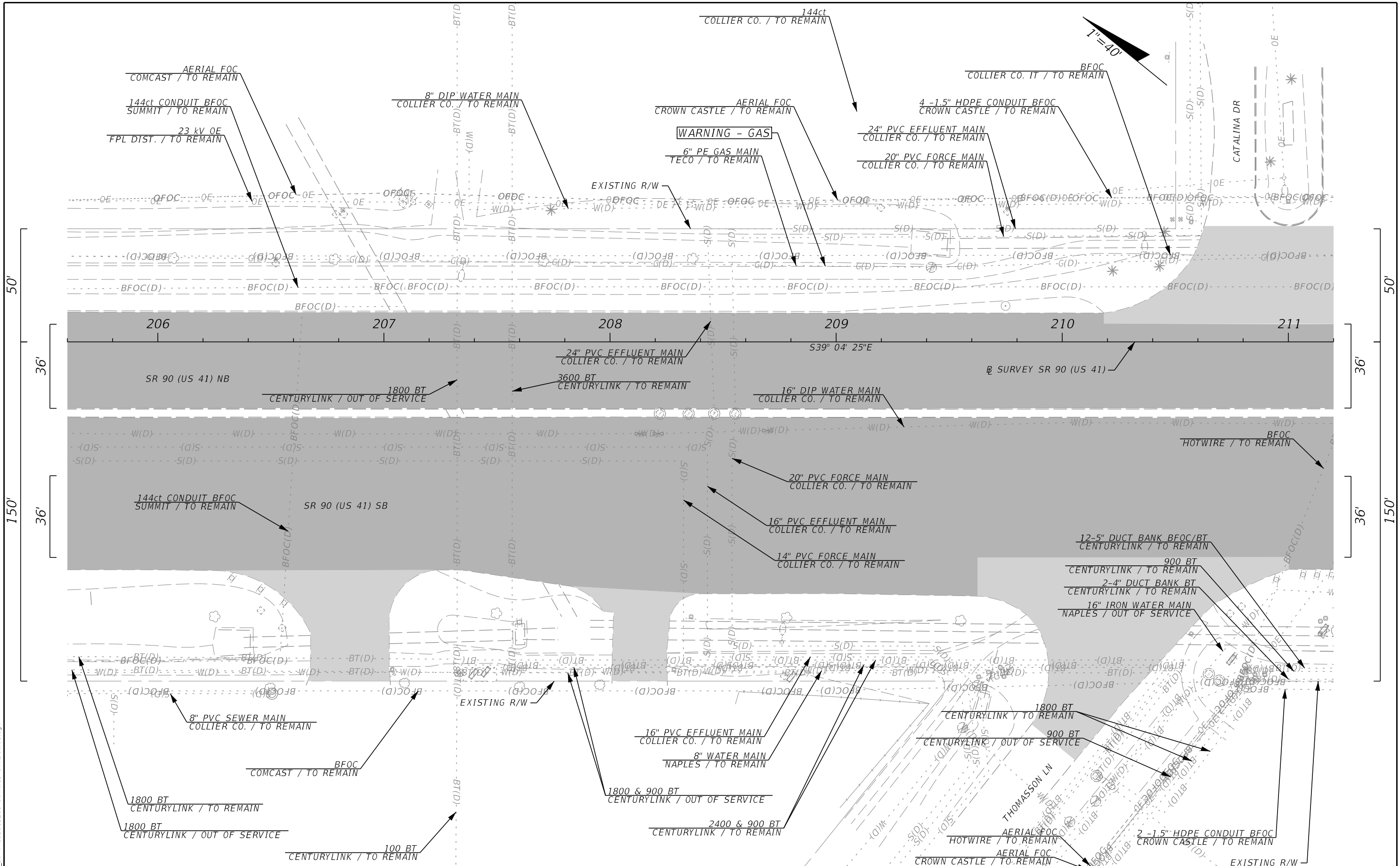
UTILITY ADJUSTMENTS

SHEET NO.  
50

3/28/2024 9:47:01 AM JKiriazes T:\1222055101.00\_SR\_90\4489301\Utilities\UTADUW01.dgn

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3/28/2024 9:47:01 AM JKiriazes T:\1222055101.00\_SR\_90\44893015201\Utilities\UTADUW01.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

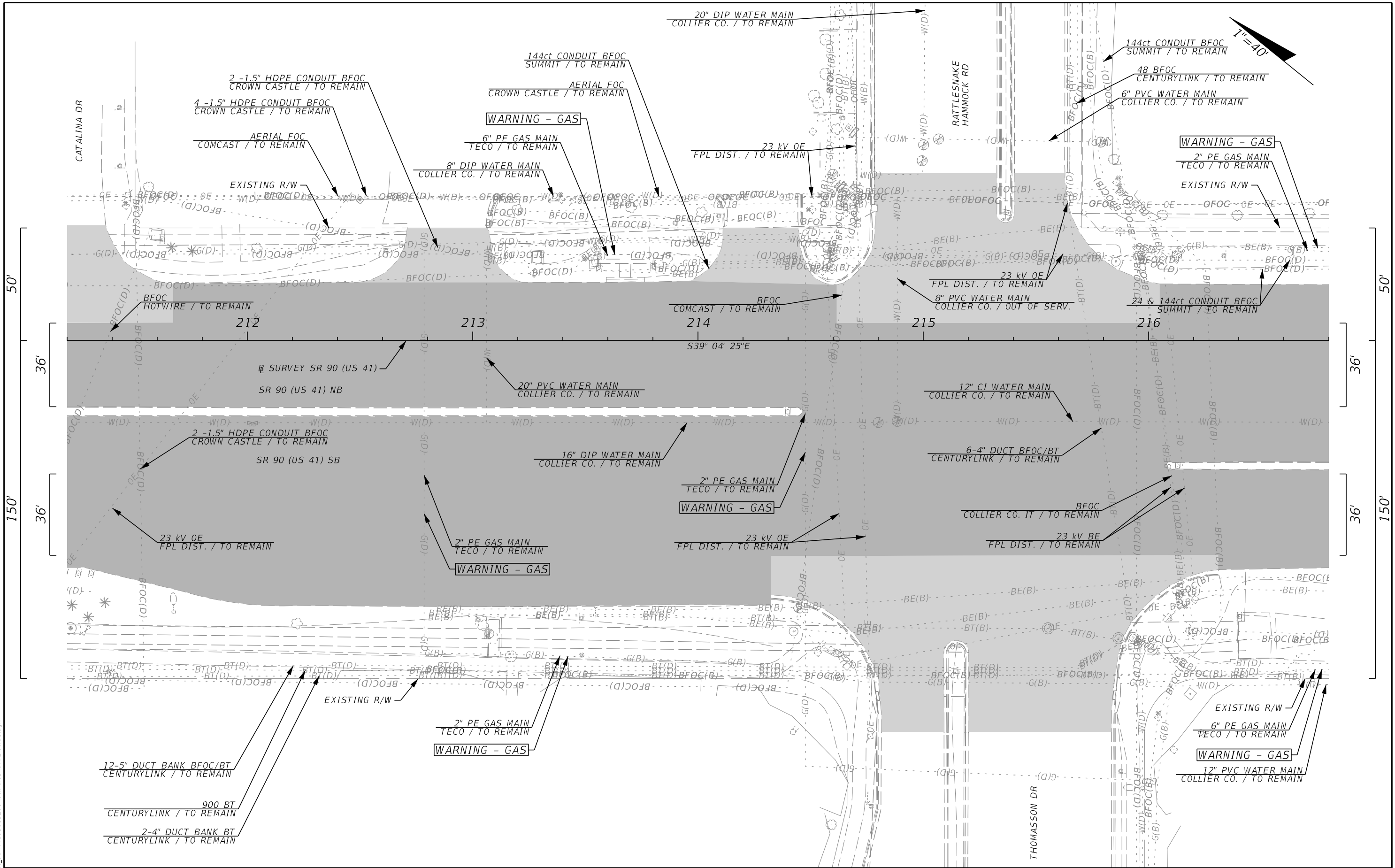
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

**UTILITY ADJUSTMENTS**

SHEET NO.  
51

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3/28/2024 9:47:02 AM JKiriazes T:\122205101\_00\_SR\_90\4489301\Utilities\UTADUW01.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

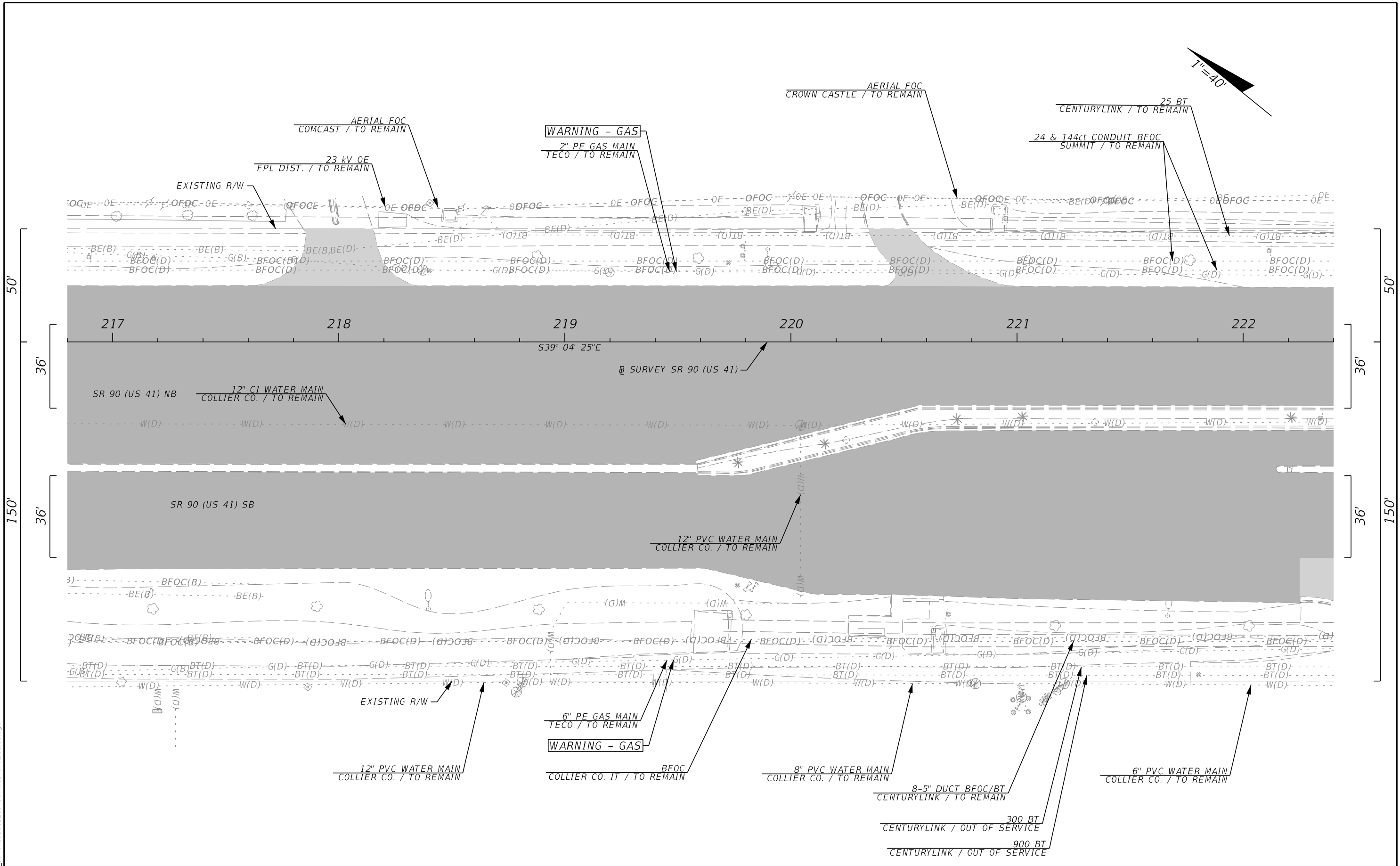
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

**UTILITY ADJUSTMENTS**

SHEET NO.  
52

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



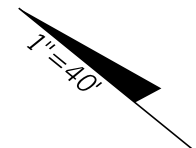
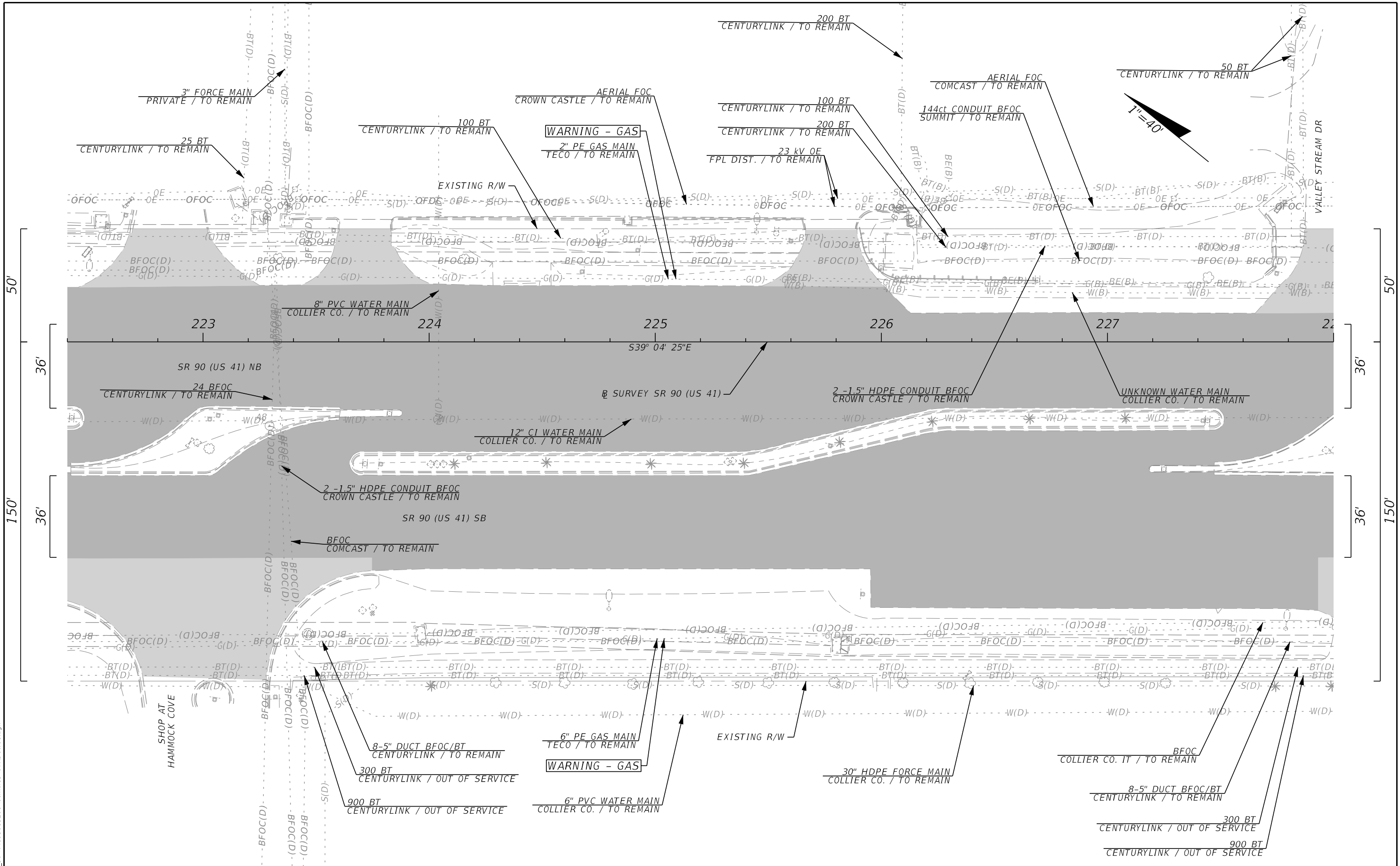


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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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			UTILITY ADJUSTMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		53
					SR 90	COLLIER	448930-1-52-01		

3/28/2024 9:47:03 AM JKiriazes T:\122305101.00\_SR\_90\4489301\Utilities\UTADUW01.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

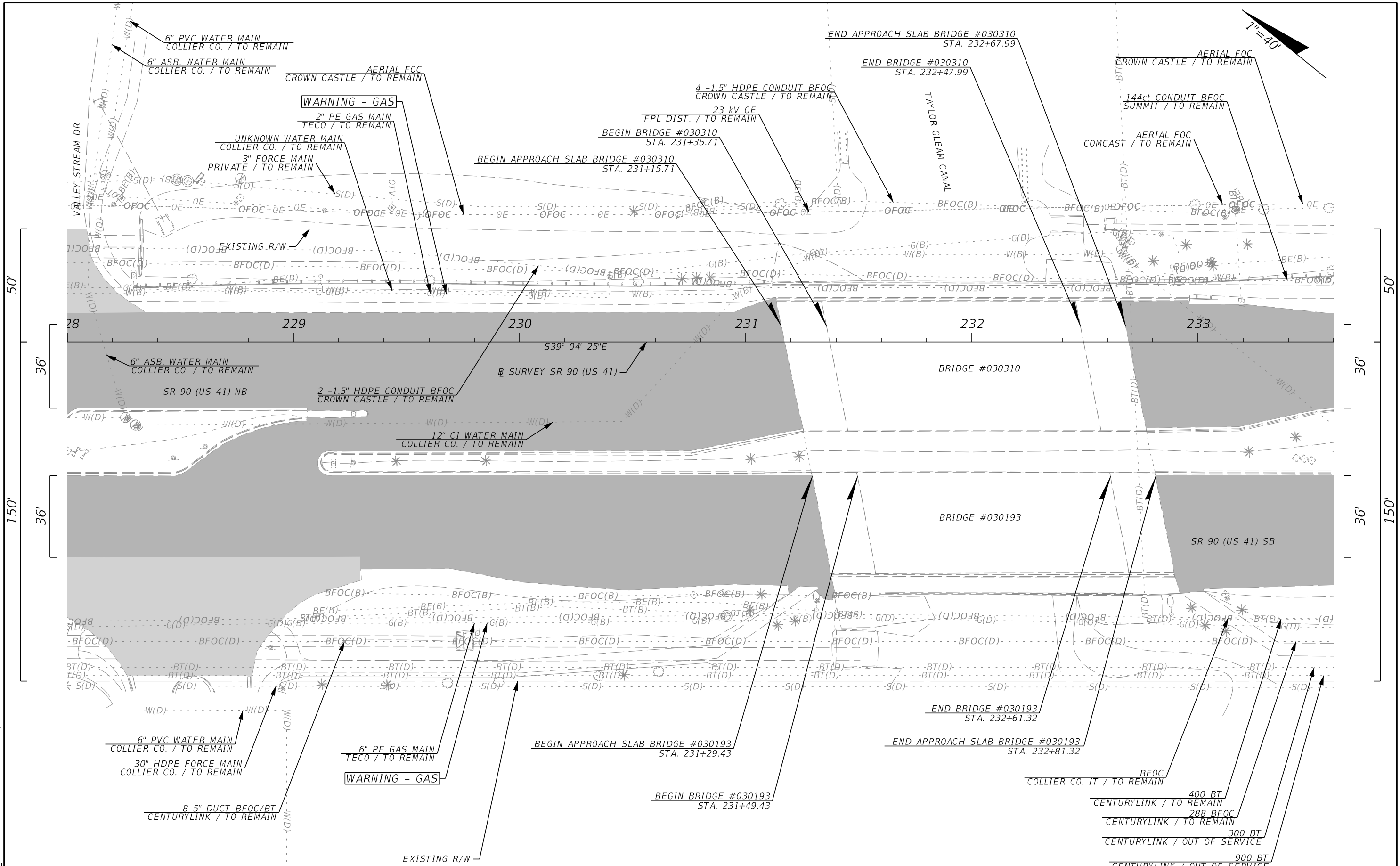
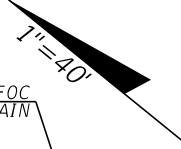
The Balmoral Group  
 165 Lincoln Avenue  
 Winter Park, FL 32789  
 Phone: (407) 629-2185  
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

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

**UTILITY ADJUSTMENTS**

SHEET NO.  
54

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



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

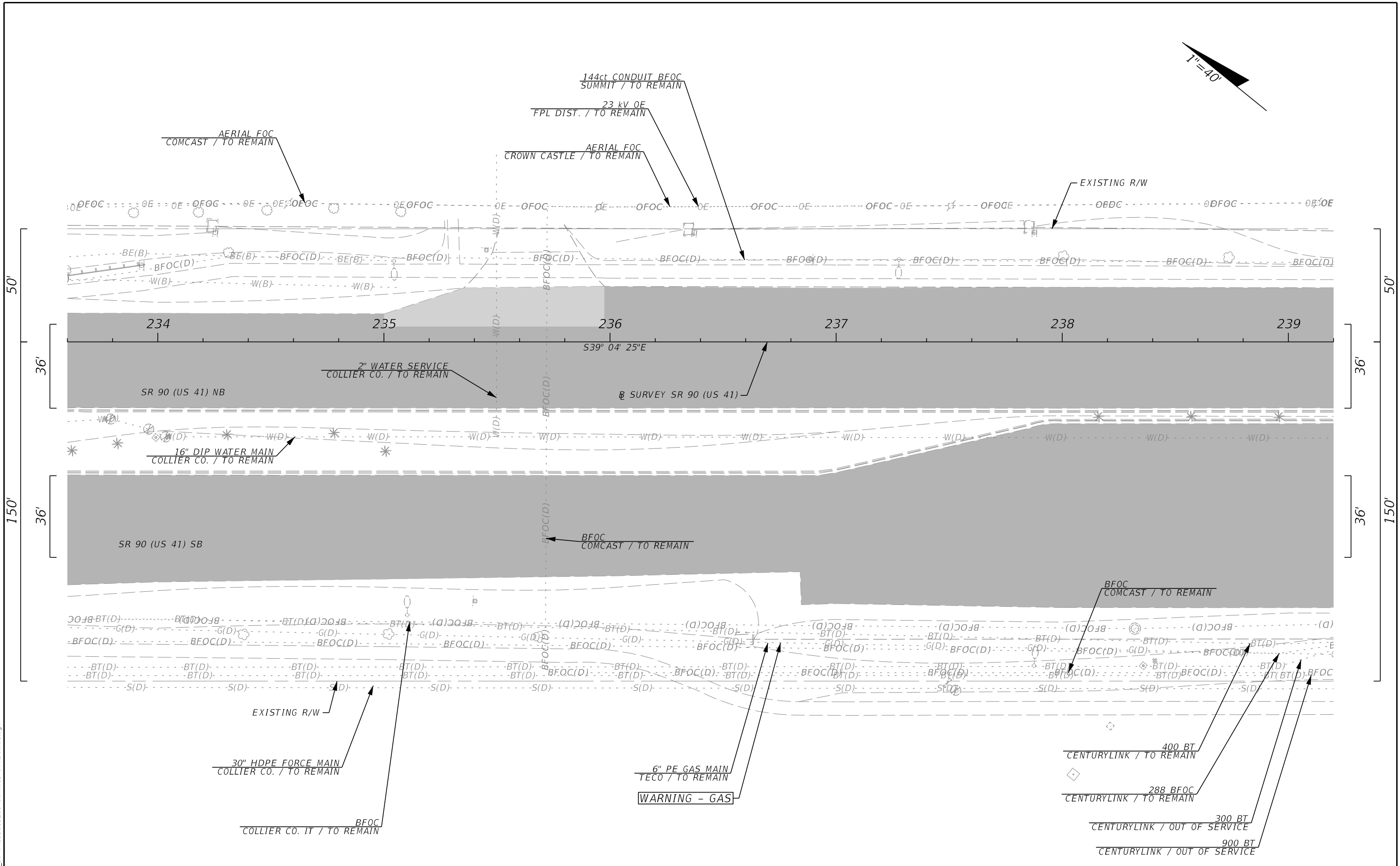
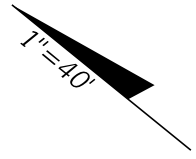
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

**UTILITY ADJUSTMENTS**

SHEET NO. 55

3/28/2024 9:47:03 AM JKiriazes T:\1222055101\_00\_SR\_90\44893015201\Utilities\UTADUW01.dgn

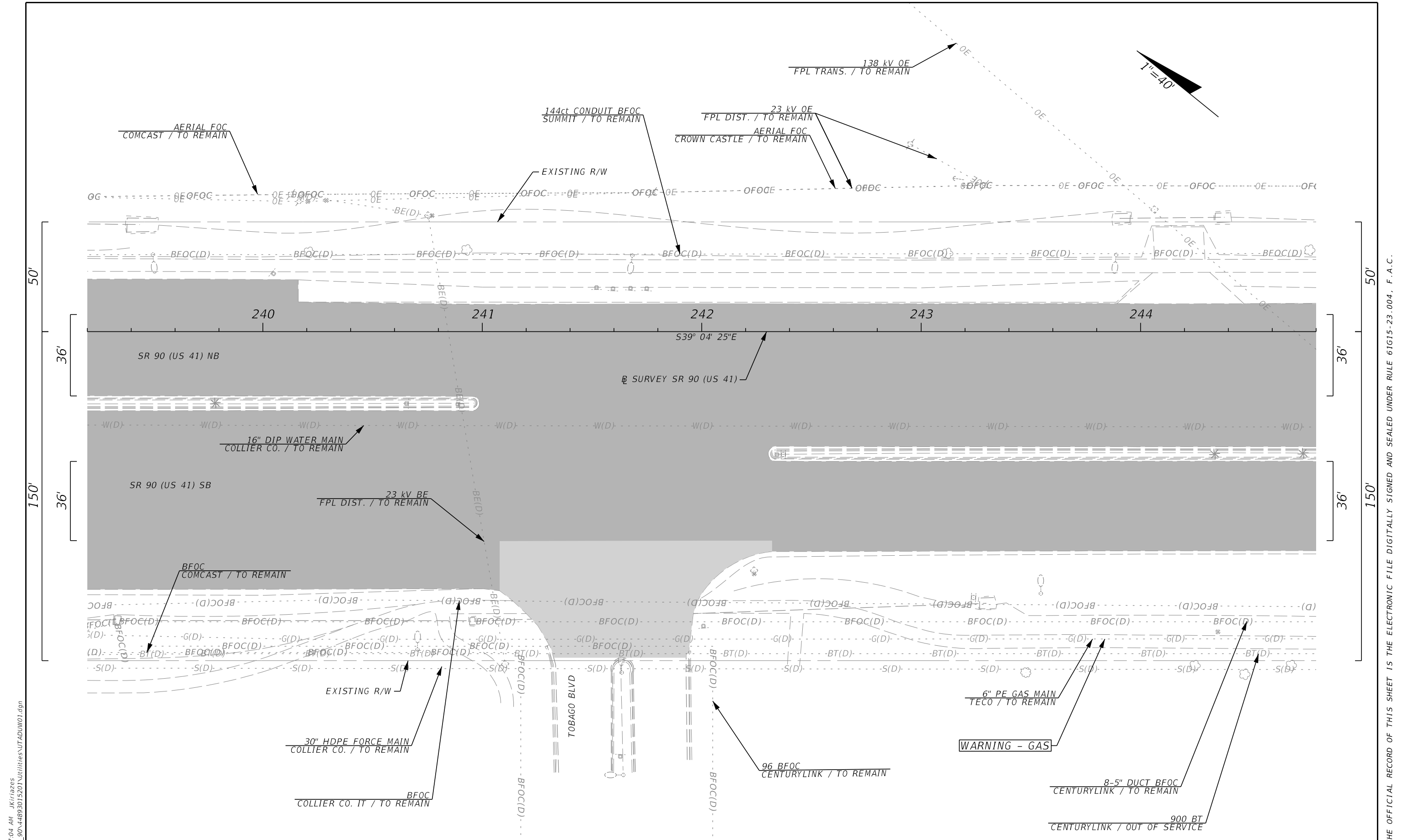
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



3/28/2024 9:47:04 AM JKiriazes T:\1222055101.00\_Sr\_90\_4489301\Utilities\UTADUW01.dgn

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REVISIONS				<b>The Balmoral Group</b> 165 Lincoln Avenue Winter Park, FL 32789 Phone: (407) 629-2185 E.O.R.: Albert R. Smidebush, P.E. No. 73052	<b>STATE OF FLORIDA</b> <b>DEPARTMENT OF TRANSPORTATION</b>			<b>UTILITY ADJUSTMENTS</b>	SHEET NO.  56
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 90	COLLIER	448930-1-52-01		



3/28/2024 9:47:04 AM JKiriazes T:\1222055101.00\_Sr\_90\4489301\Utilities\UTADUW01.dgn

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

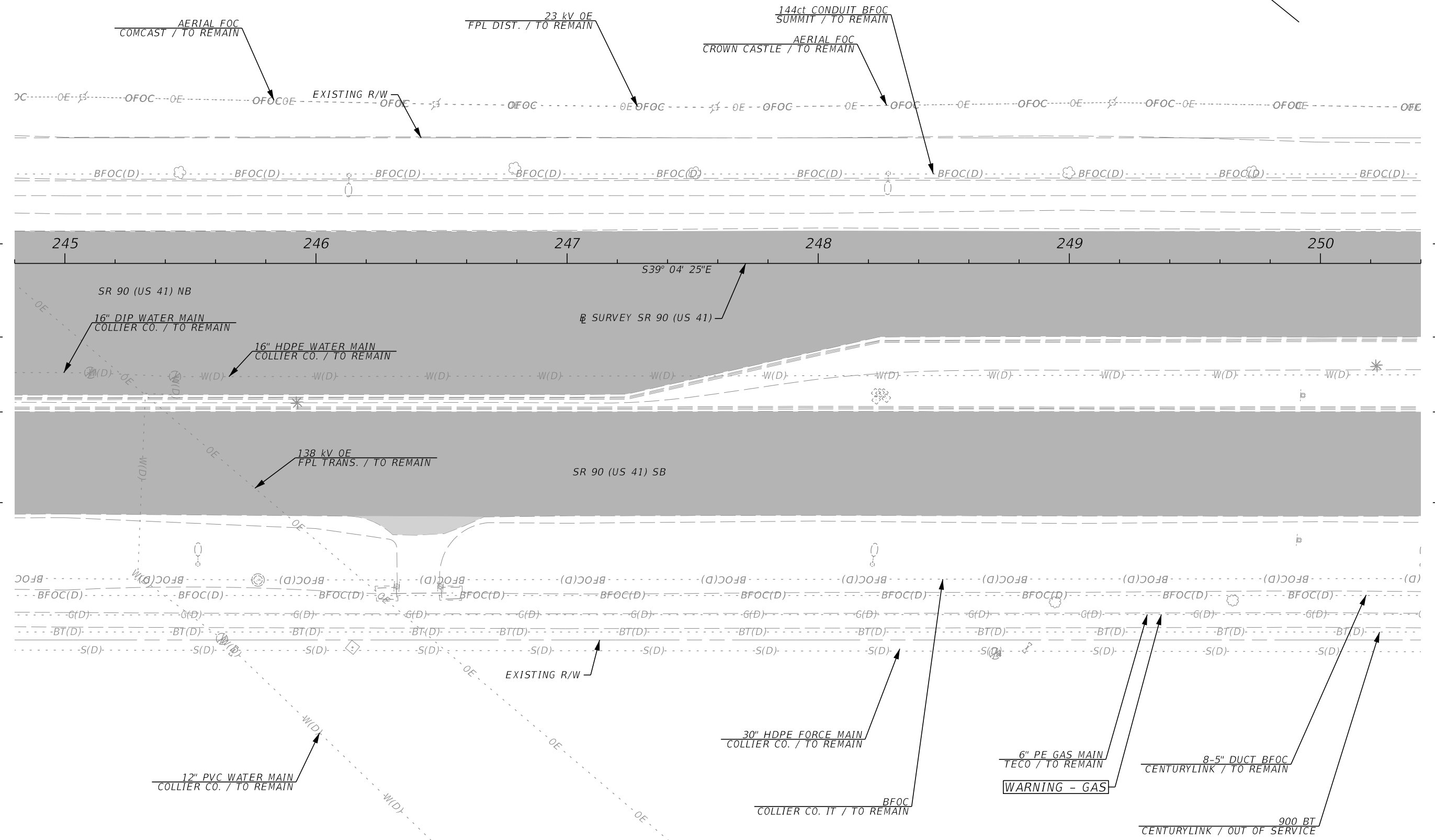
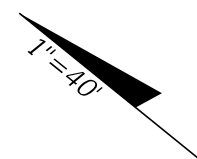
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

UTILITY ADJUSTMENTS

SHEET NO.  
 57



50'  
36'  
150'  
36'

50'  
36'  
150'  
36'

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

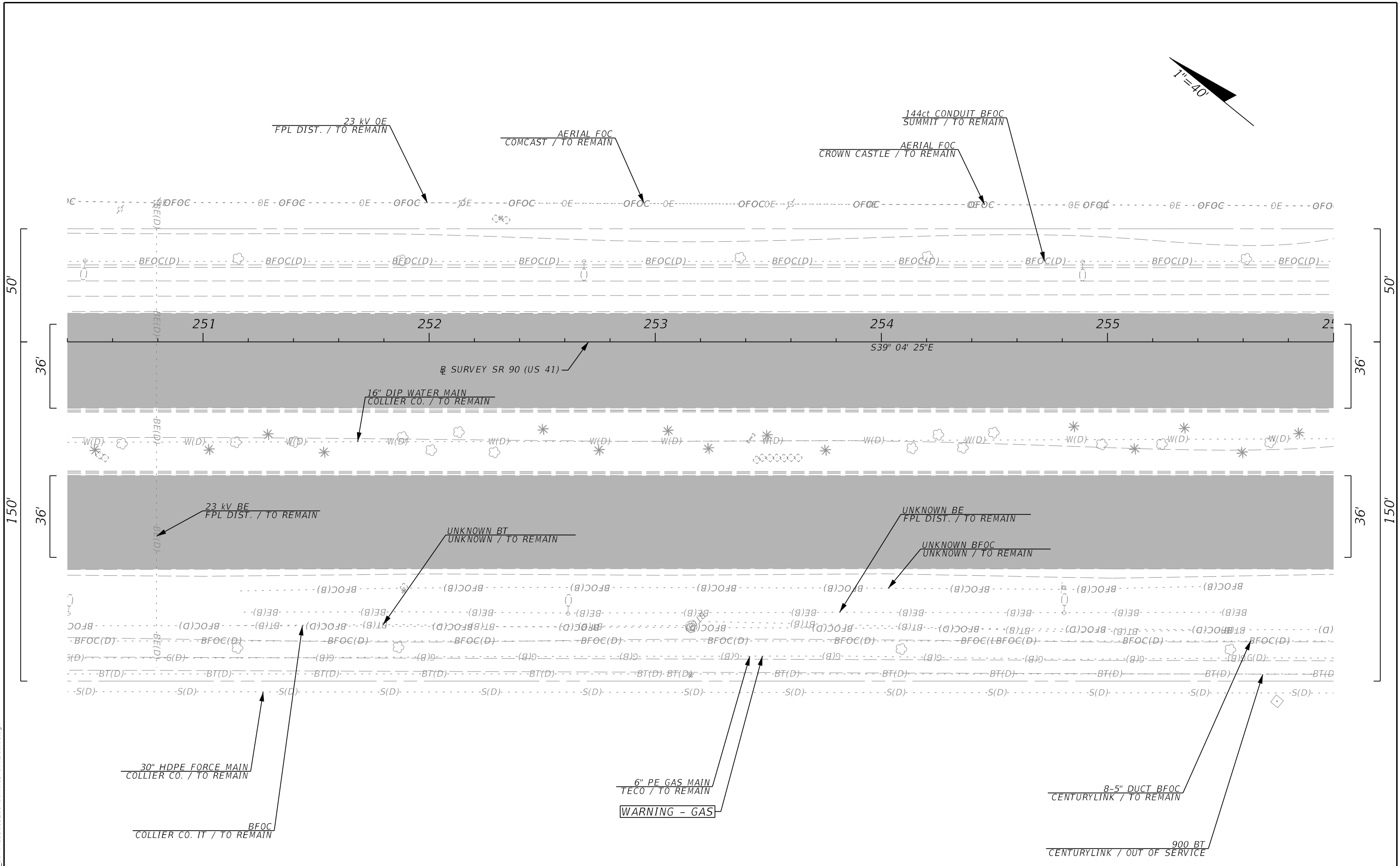
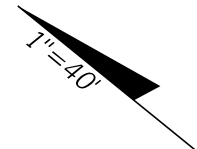
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

**UTILITY ADJUSTMENTS**

SHEET NO.  
58

3/28/2024 9:47:05 AM JKiriazes T:\1222055101.00\_Sr\_90\44893015201\Utilities\UTADUW01.dgn

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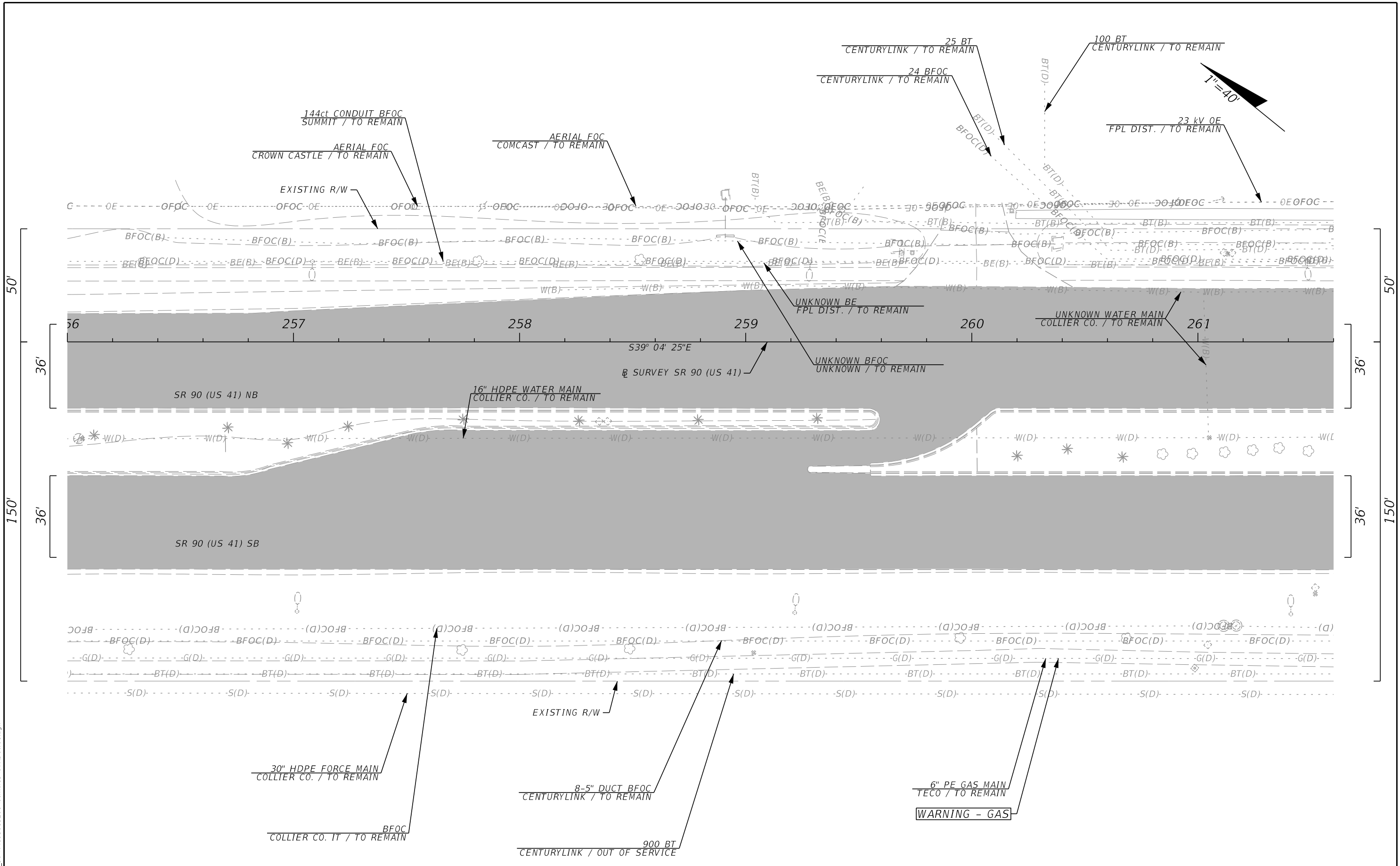


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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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			<b>UTILITY ADJUSTMENTS</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		59
				SR 90	COLLIER	448930-1-52-01			

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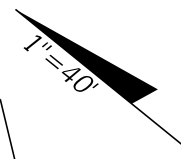
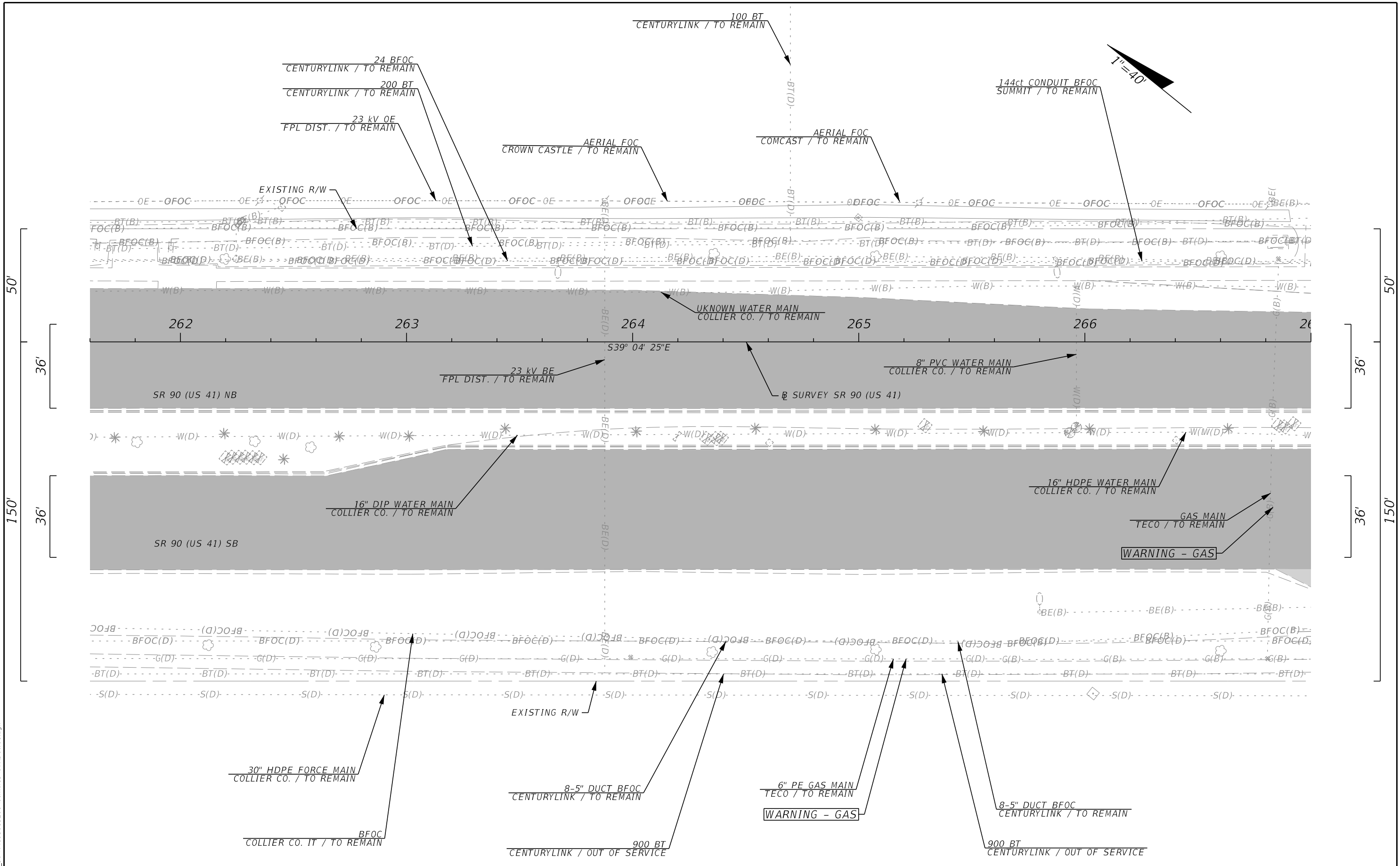


REVISIONS				The Balmoral Group 165 Lincoln Avenue Winter Park, FL 32789 Phone: (407) 629-2185 E.O.R.: Albert R. Smidebush, P.E. No. 73052	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS SHEET NO. 60
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 90	COLLIER	448930-1-52-01		

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3/28/2024 9:47:06 AM JKiriazes T:\1222055101\_00\_SR\_90\4489301\Utilities\UTADUW01.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

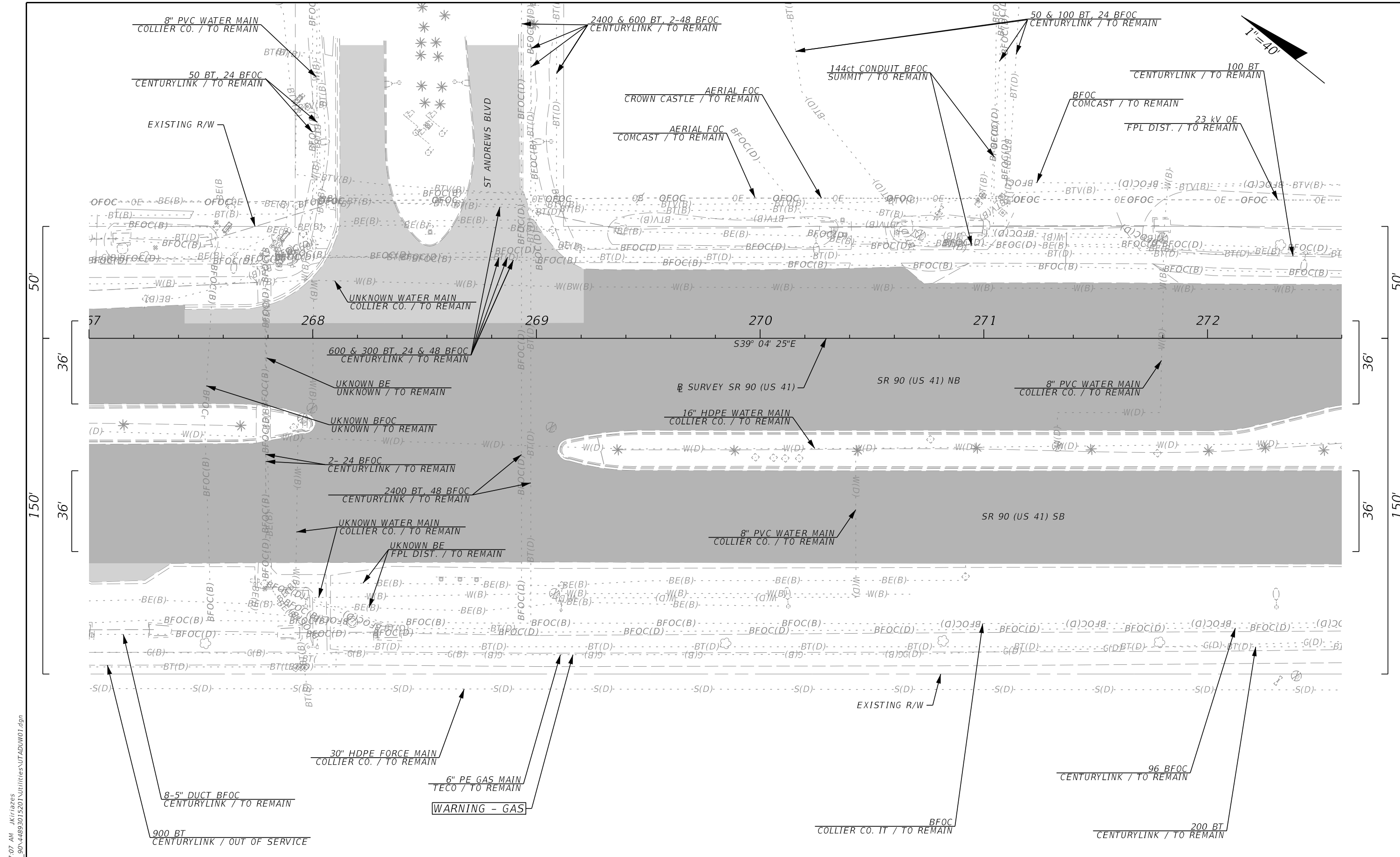
The Balmoral Group  
 165 Lincoln Avenue  
 Winter Park, FL 32789  
 Phone: (407) 629-2185  
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

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

**UTILITY ADJUSTMENTS**

SHEET NO.  
61

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



3/28/2024 9:47:07 AM JKiriazes T:\1222055101.00\_SR\_90\4489301\Utilities\UTADUW01.dgn

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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

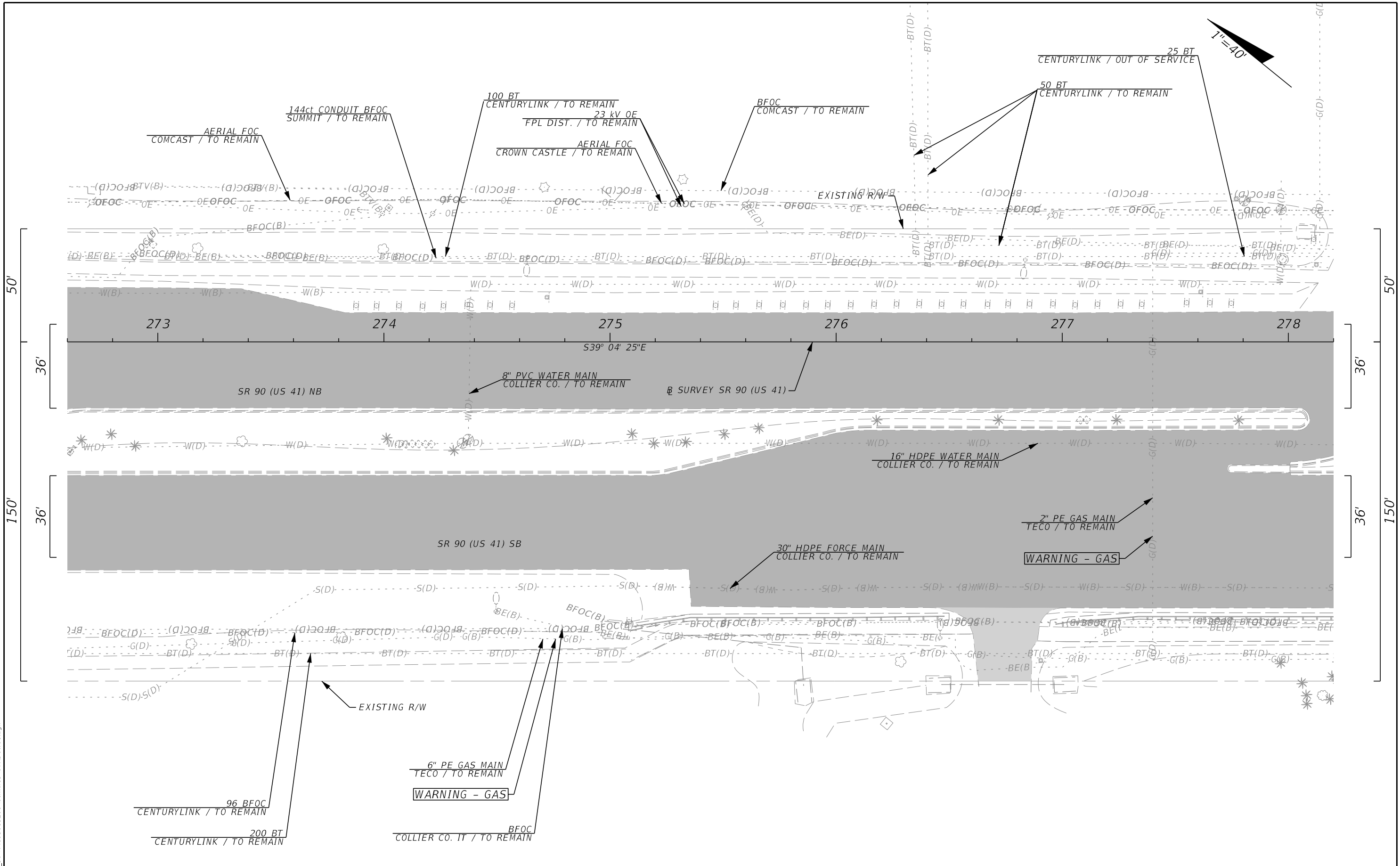
The Balmoral Group  
 165 Lincoln Avenue  
 Winter Park, FL 32789  
 Phone: (407) 629-2185  
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

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

UTILITY ADJUSTMENTS

SHEET NO.  
62

3/28/2024 9:47:07 AM JKiriazes T:\1222055101.00\_SR\_90\4489301-5201\Utilities\UTADUW01.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

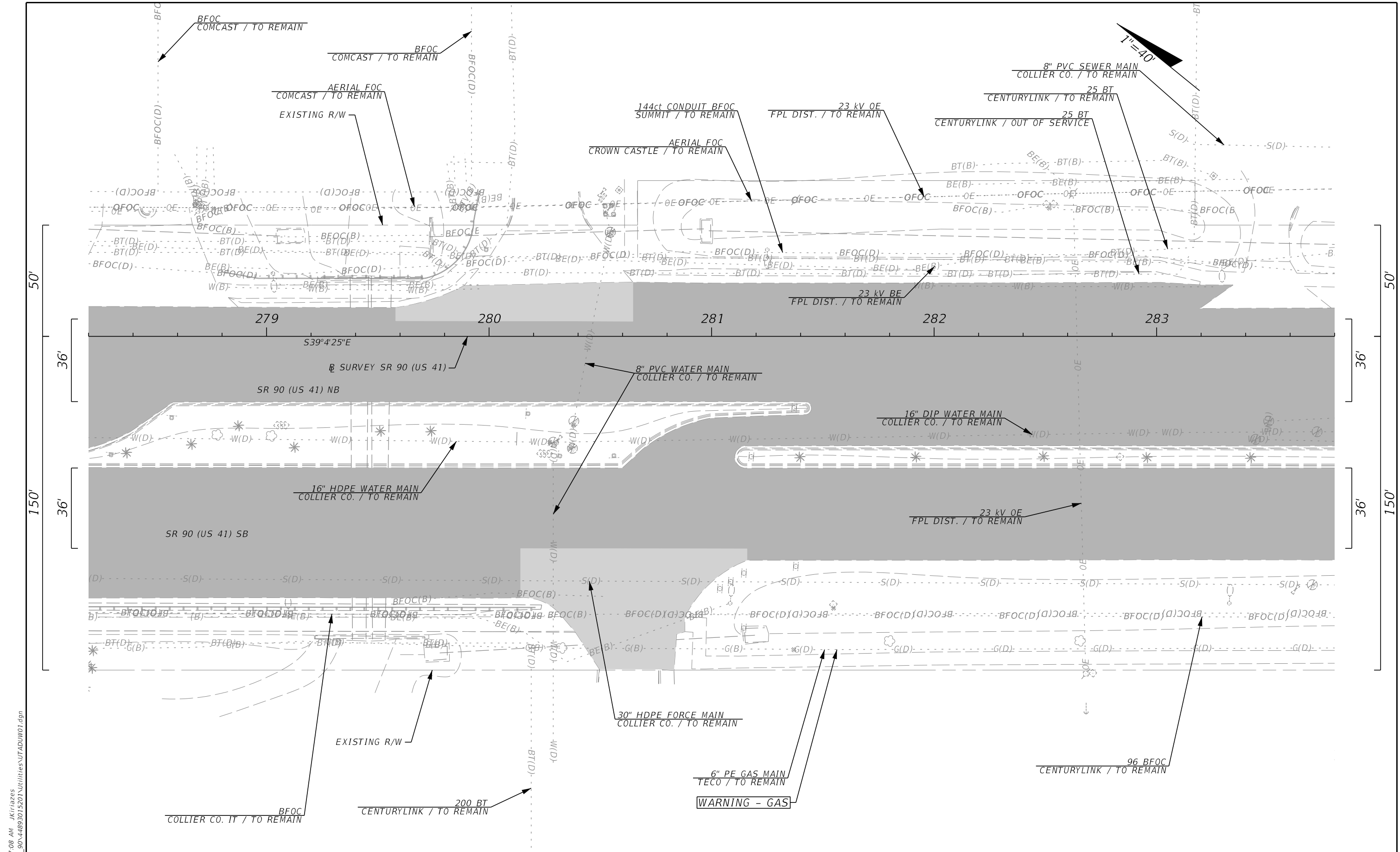
The Balmoral Group  
 165 Lincoln Avenue  
 Winter Park, FL 32789  
 Phone: (407) 629-2185  
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

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

**UTILITY ADJUSTMENTS**

SHEET NO.  
63

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



3/28/2024 9:47:08 AM JKiriazes T:\1222055101\_00\_SR\_90\_4489301\Utilities\UTADUW01.dgn

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

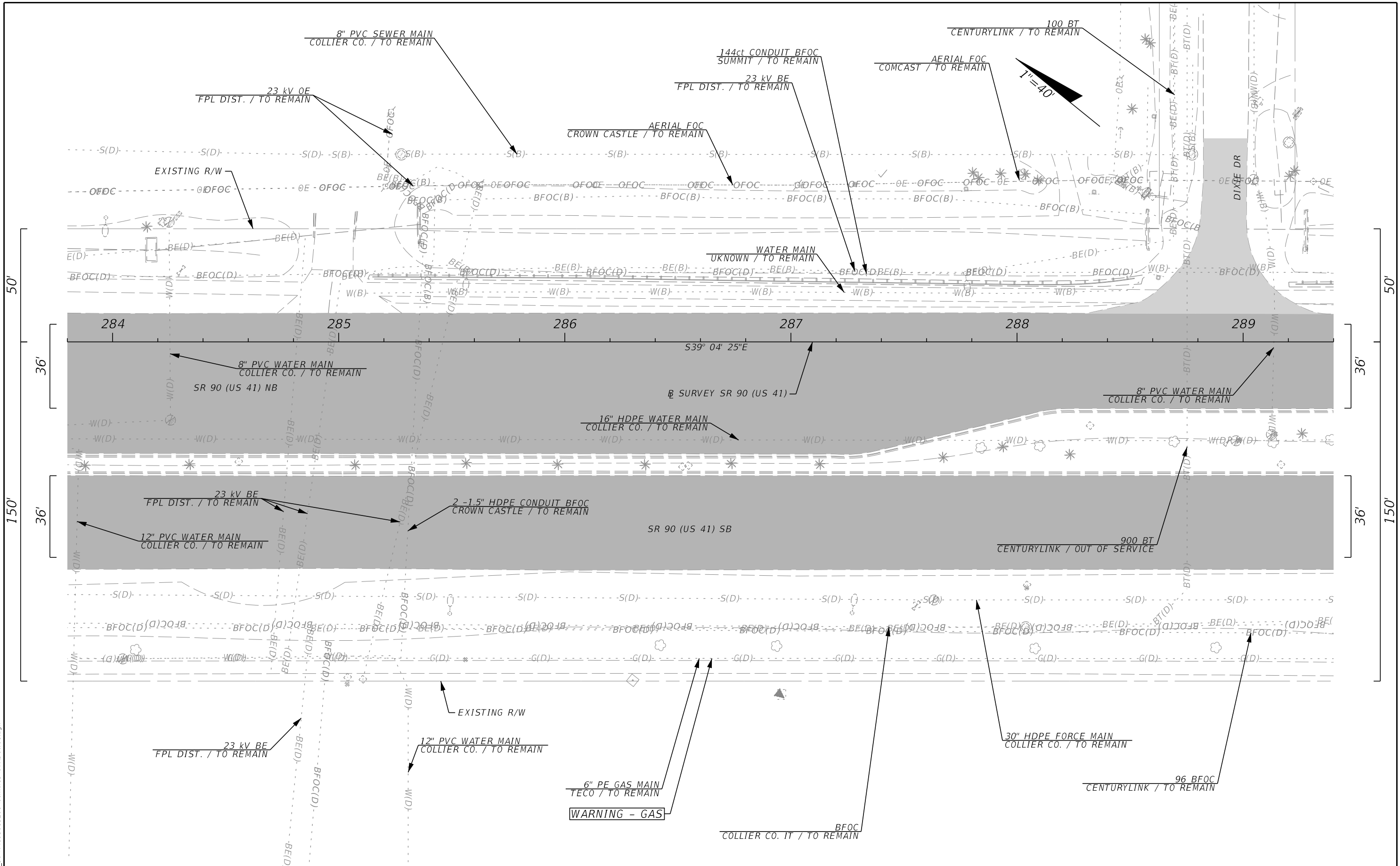
The Balmoral Group  
 165 Lincoln Avenue  
 Winter Park, FL 32789  
 Phone: (407) 629-2185  
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

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

UTILITY ADJUSTMENTS

SHEET NO.  
64

3/28/2024 9:47:08 AM JKiriazes T:\122205101\_00\_SR\_90\_4489301\Utilities\UTADUW01.dgn



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

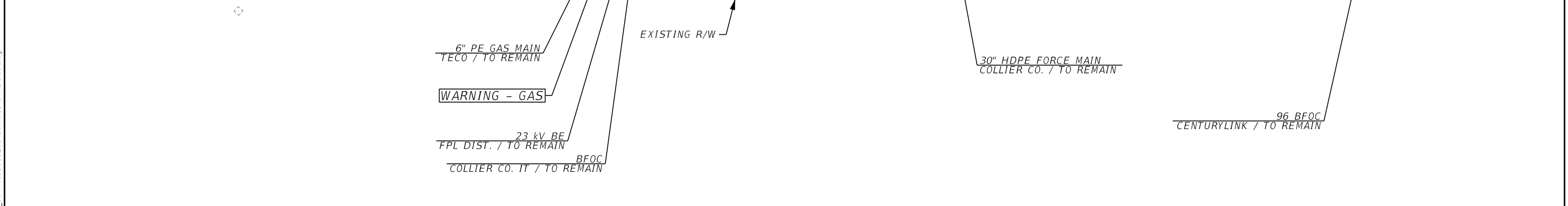
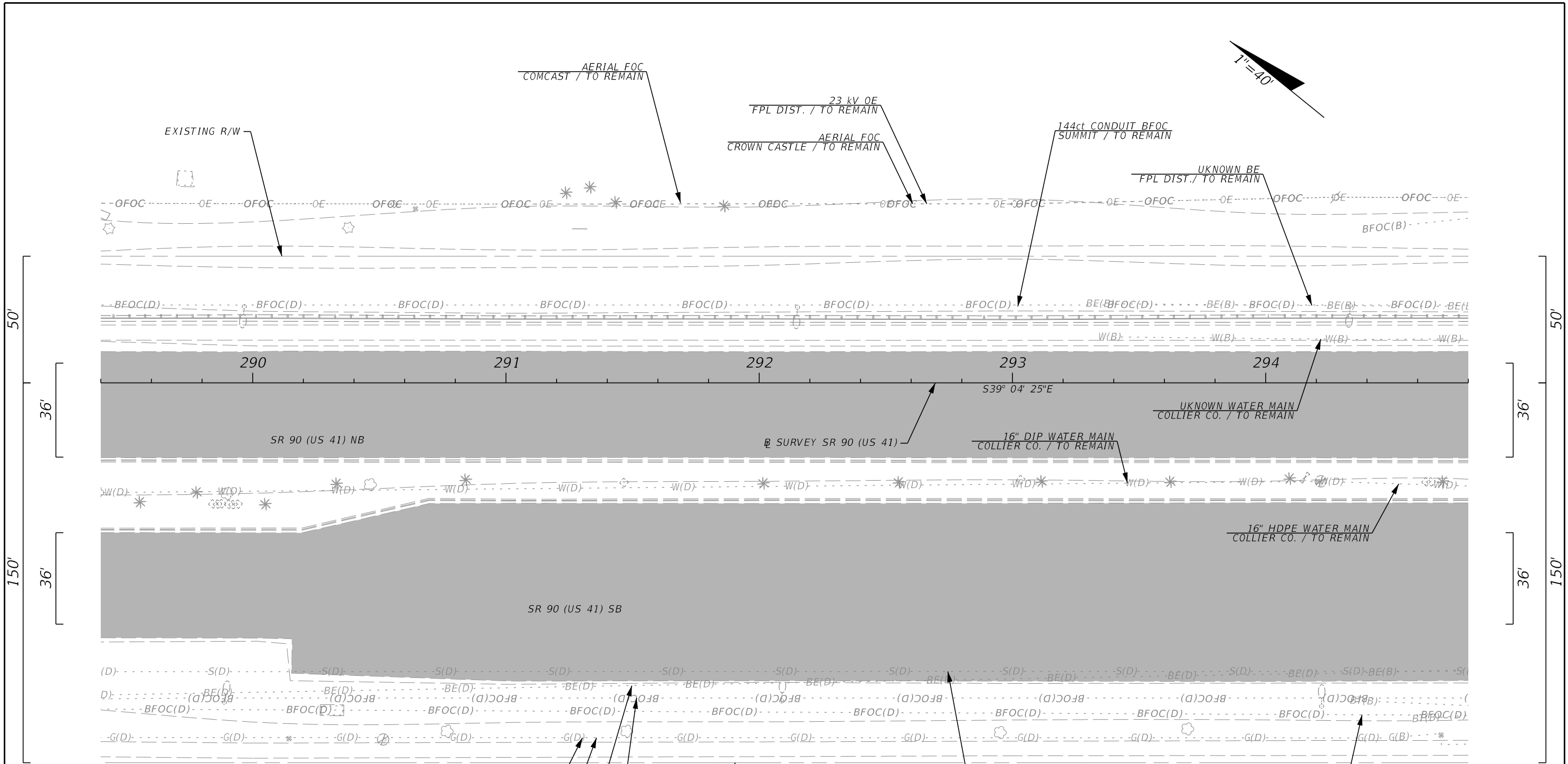
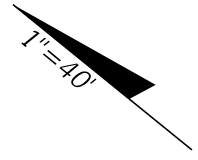
The Balmoral Group  
 165 Lincoln Avenue  
 Winter Park, FL 32789  
 Phone: (407) 629-2185  
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

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

**UTILITY ADJUSTMENTS**

SHEET NO.  
65

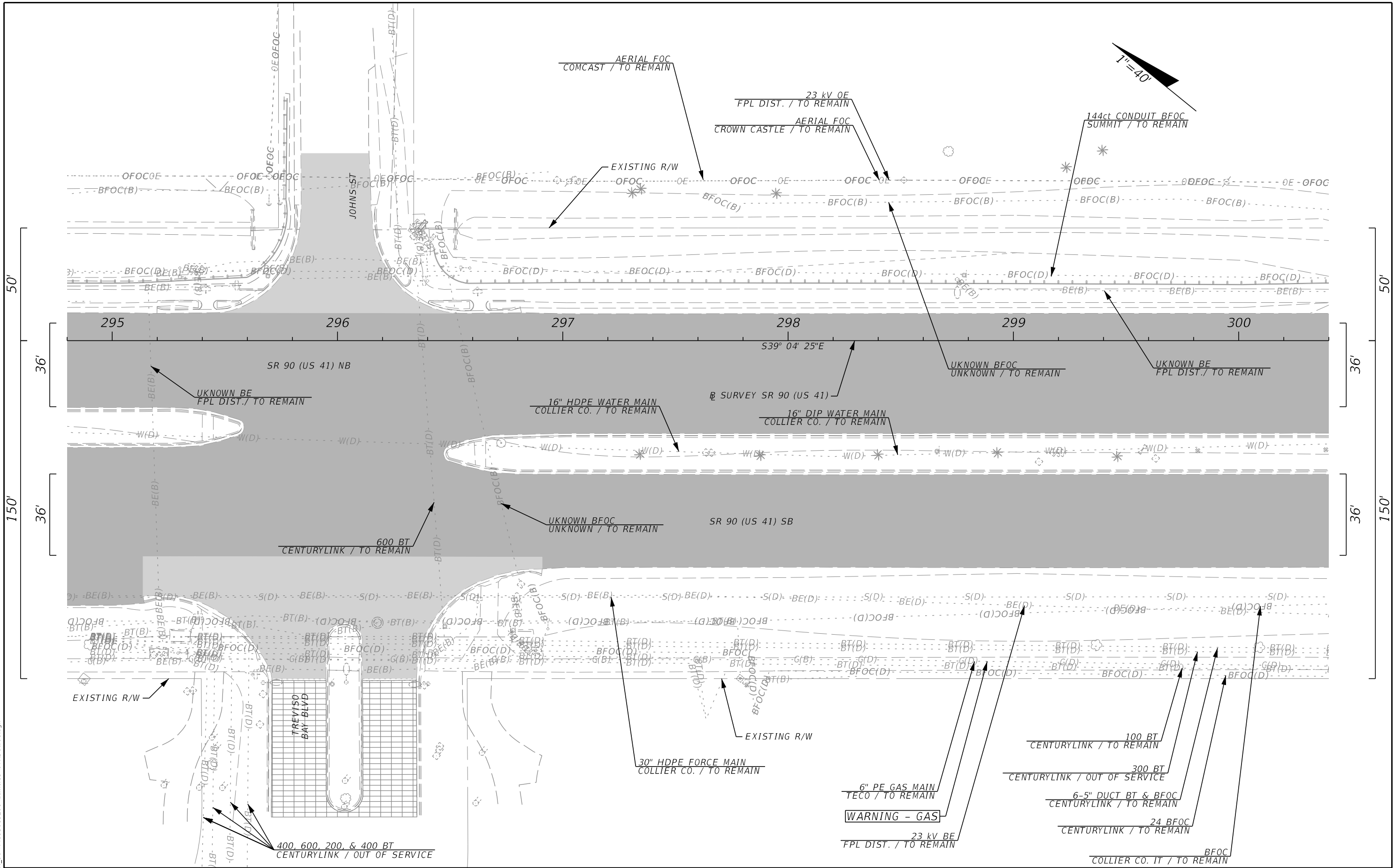
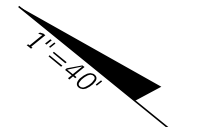
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REVISIONS				<p>The Balmoral Group 165 Lincoln Avenue Winter Park, FL 32789 Phone: (407) 629-2185 E.O.R.: Albert R. Smidebush, P.E. No. 73052</p>	<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p>			<p><b>UTILITY ADJUSTMENTS</b></p>	<p>SHEET NO. 66</p>
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 90	COLLIER	448930-1-52-01		

3/28/2024 9:47:09 AM JKiriazes T:\122205101.00\_Sr\_90\4489301-5201\Utilities\UTADUW01.dgn

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

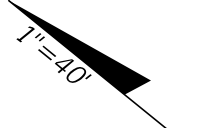
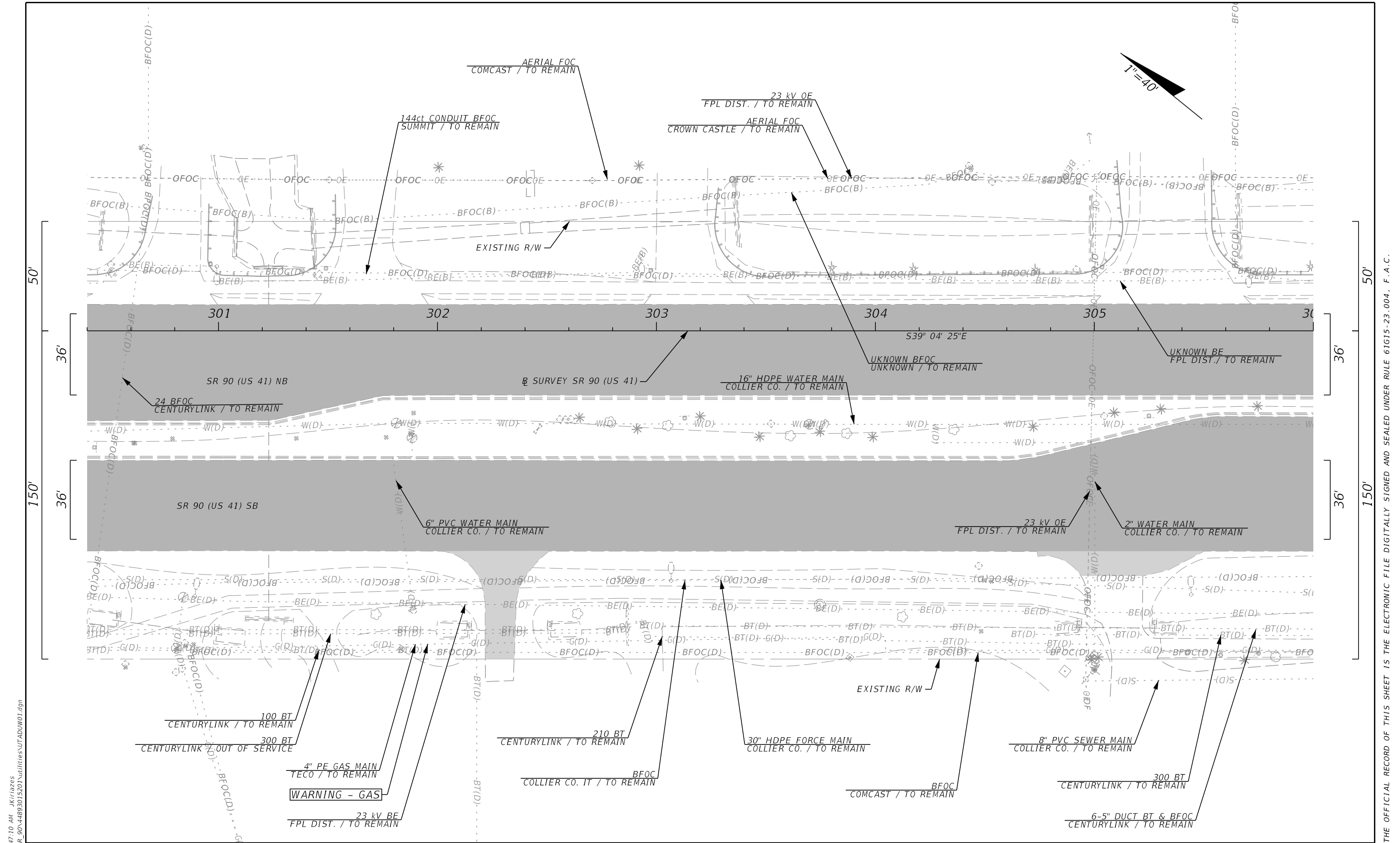
The Balmoral Group  
 165 Lincoln Avenue  
 Winter Park, FL 32789  
 Phone: (407) 629-2185  
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

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

UTILITY ADJUSTMENTS

SHEET NO.  
67

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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

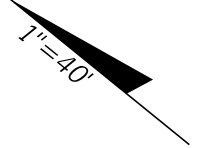
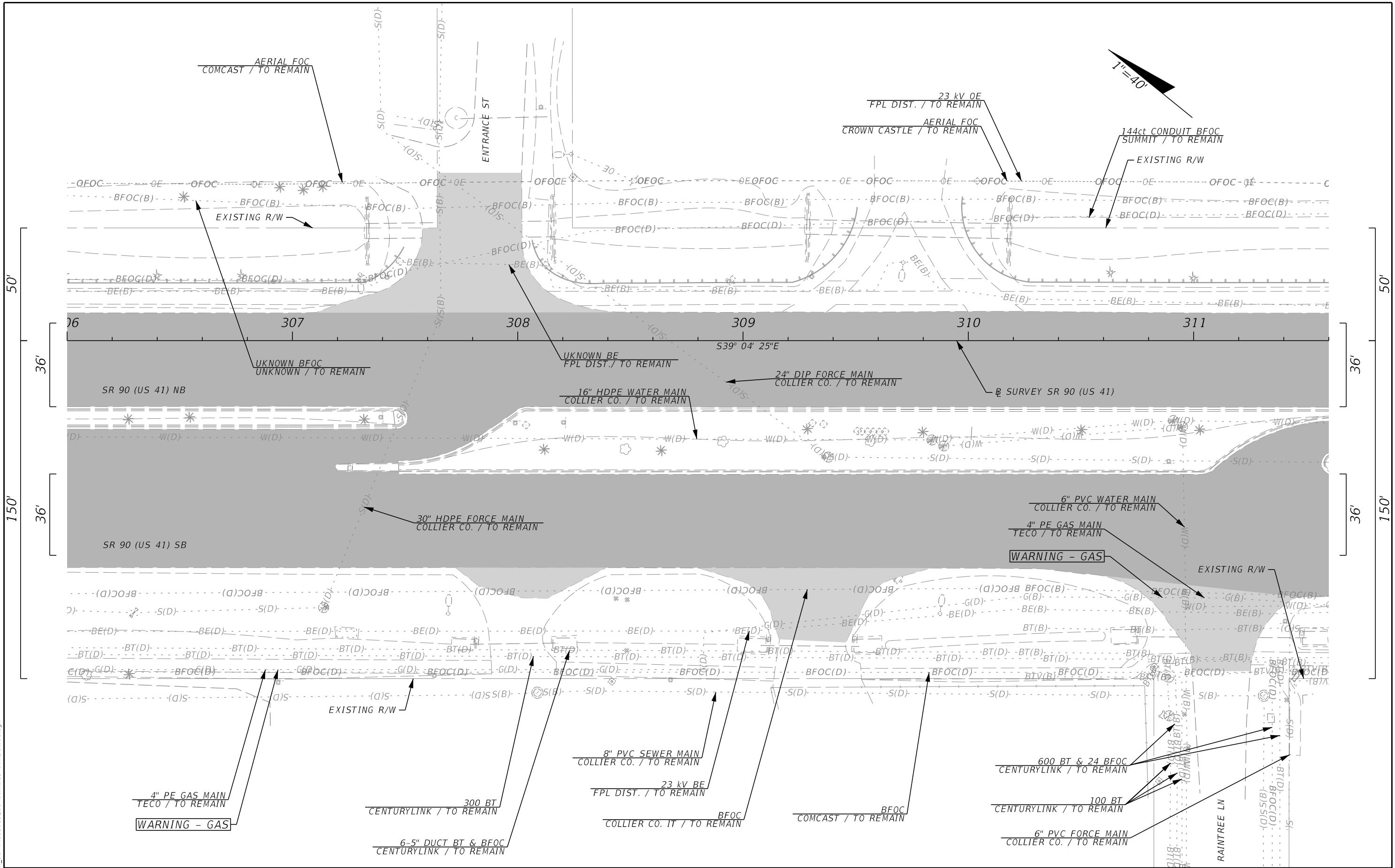
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

UTILITY ADJUSTMENTS

SHEET NO.  
68



3/28/2024 9:47:11 AM JKiriazes T:\122205101.00\_SR\_90\4489301\Utilities\UTADUW01.dgn



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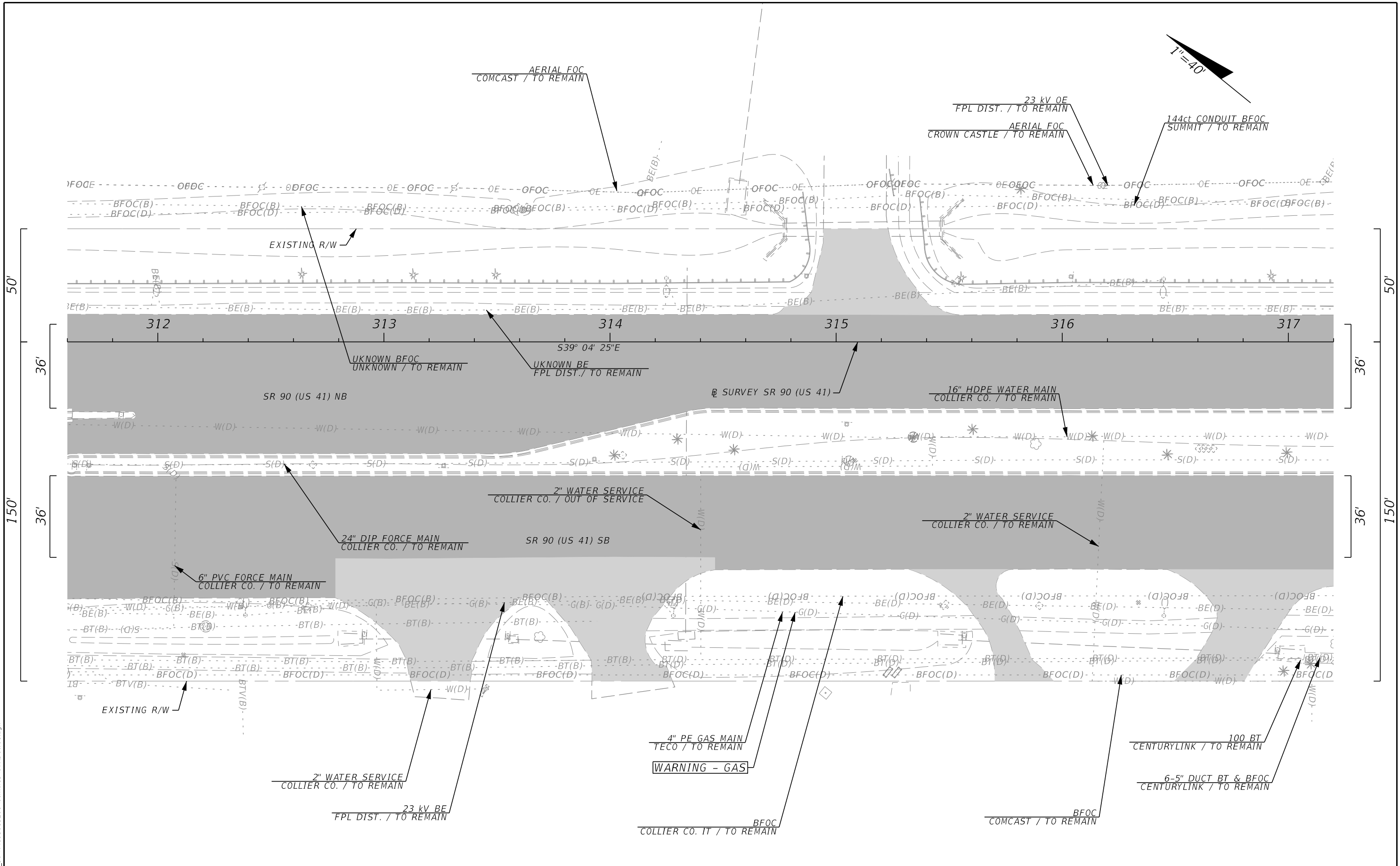
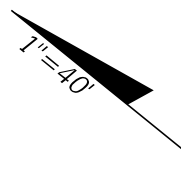
The Balmoral Group  
 165 Lincoln Avenue  
 Winter Park, FL 32789  
 Phone: (407) 629-2185  
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

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

**UTILITY ADJUSTMENTS**

SHEET NO.  
69

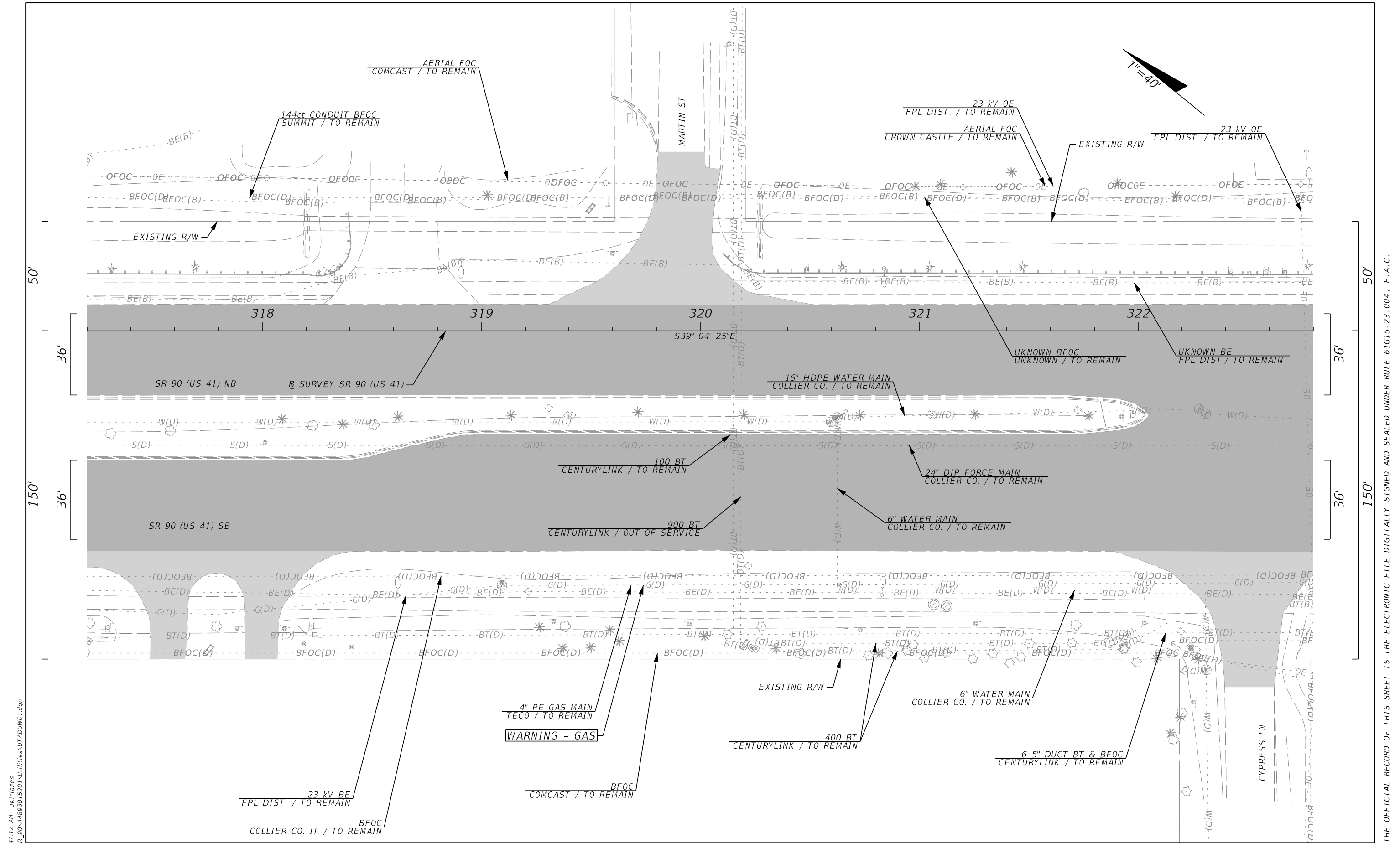
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REVISIONS				<b>The Balmoral Group</b> 165 Lincoln Avenue Winter Park, FL 32789 Phone: (407) 629-2185 E.O.R.: Albert R. Smidebush, P.E. No. 73052	<b>STATE OF FLORIDA</b> <b>DEPARTMENT OF TRANSPORTATION</b>			<b>UTILITY ADJUSTMENTS</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		70
					SR 90	COLLIER	448930-1-52-01		



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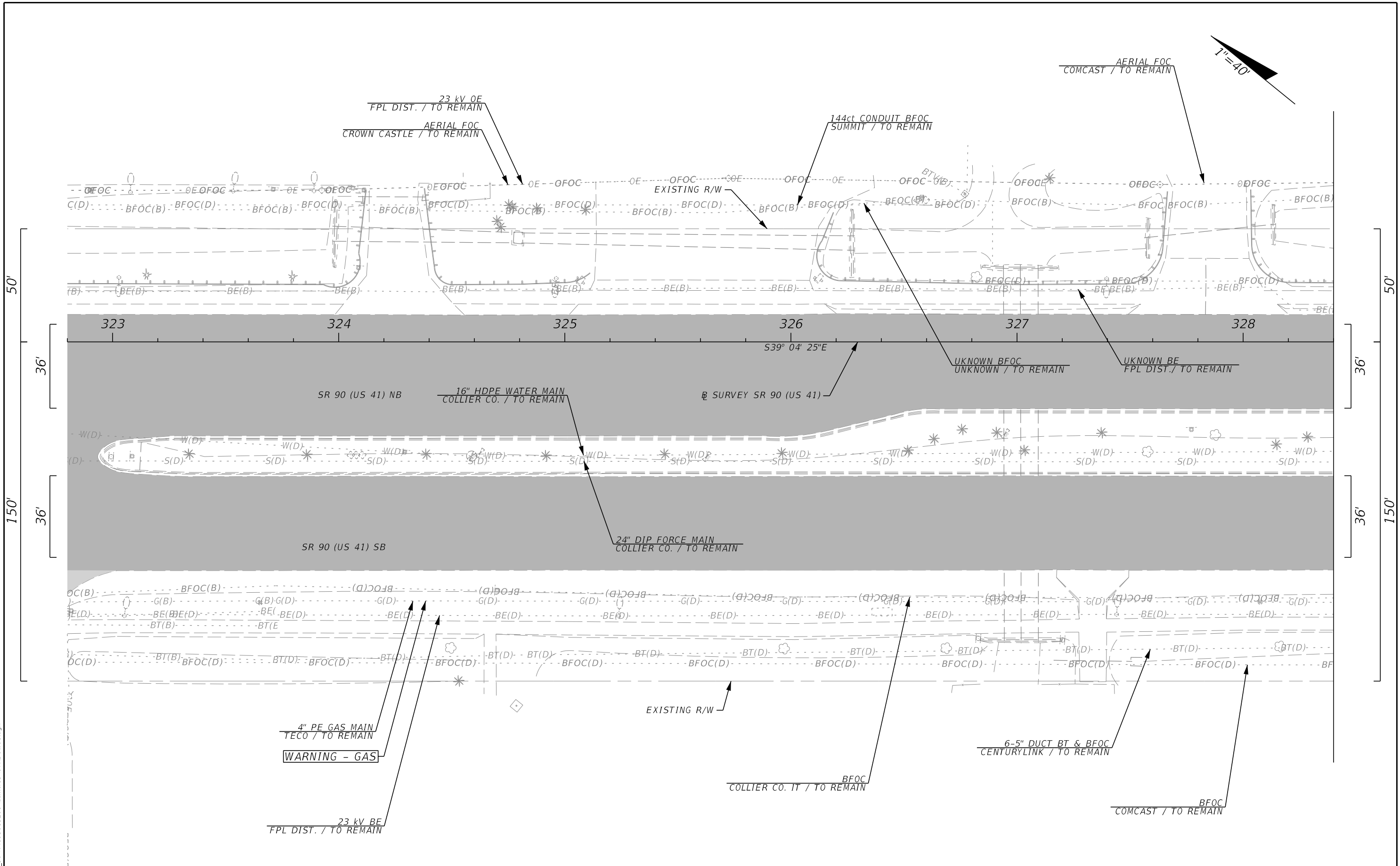
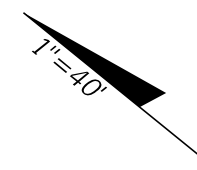
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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

UTILITY ADJUSTMENTS

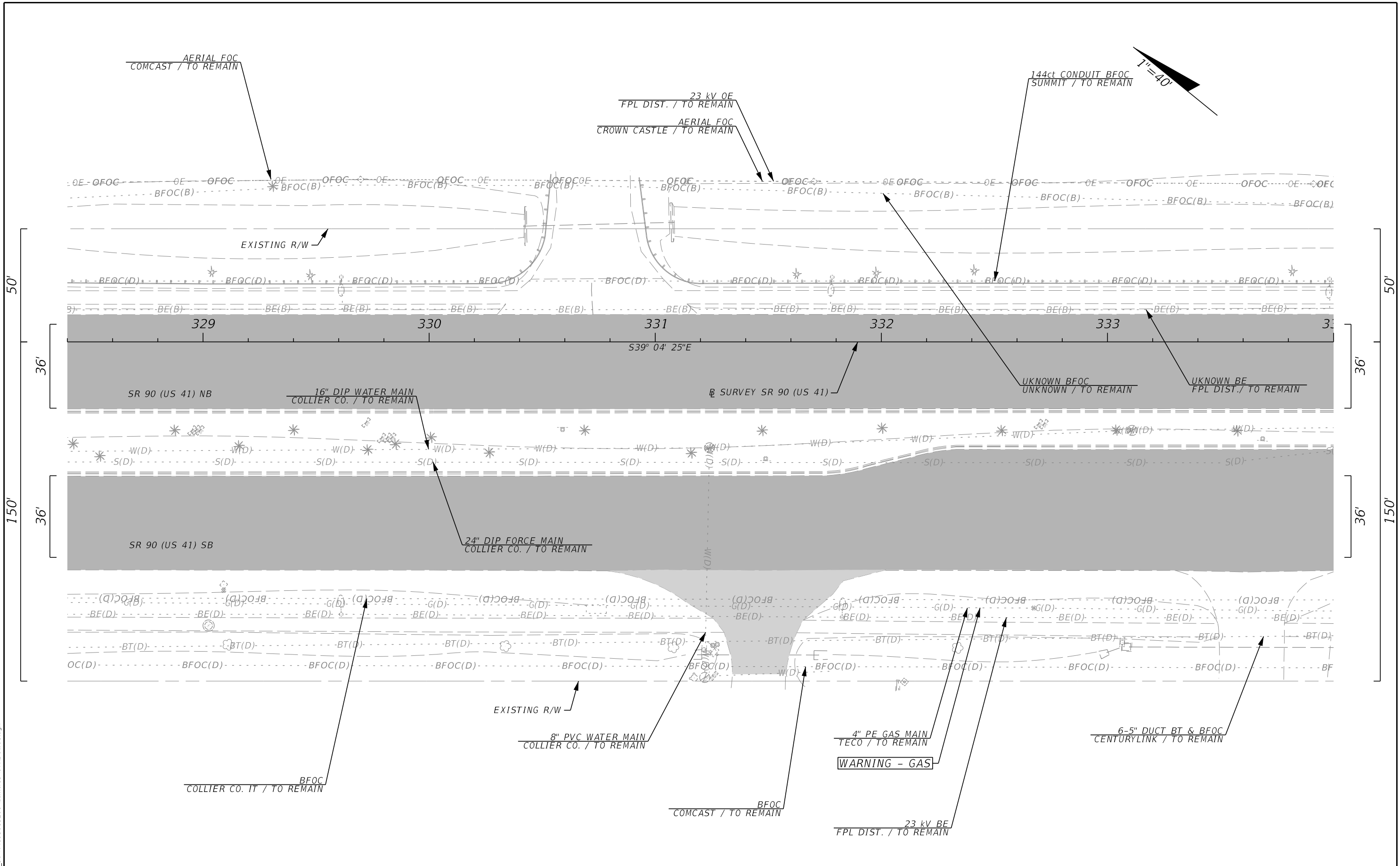
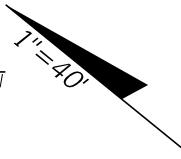
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**71**



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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			<b>UTILITY ADJUSTMENTS</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		72
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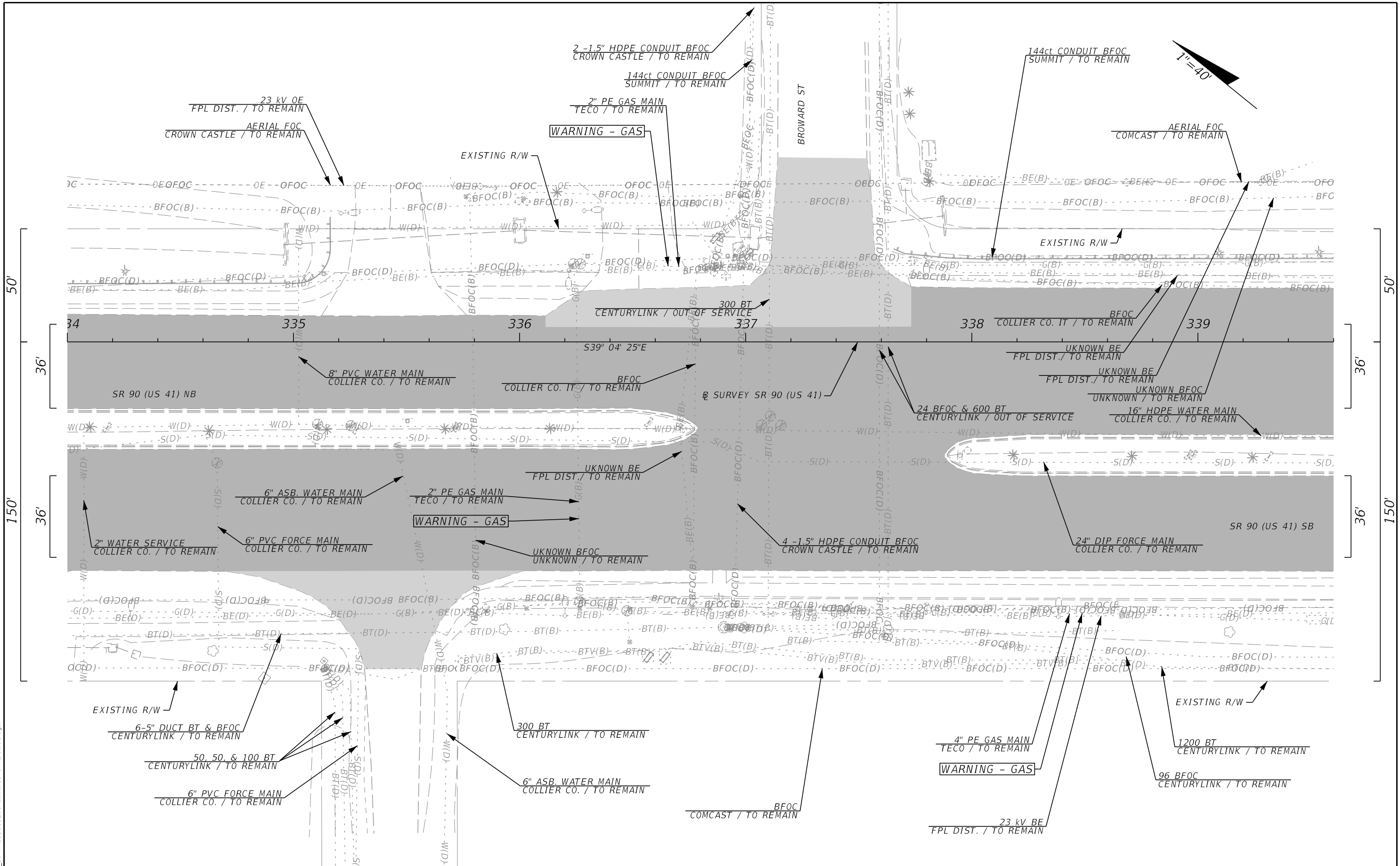


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REVISIONS				The Balmoral Group 165 Lincoln Avenue Winter Park, FL 32789 Phone: (407) 629-2185 E.O.R.: Albert R. Smidebush, P.E. No. 73052	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>UTILITY ADJUSTMENTS</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		73
					SR 90	COLLIER	448930-1-52-01		

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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

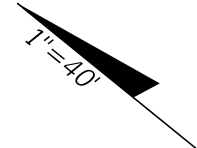
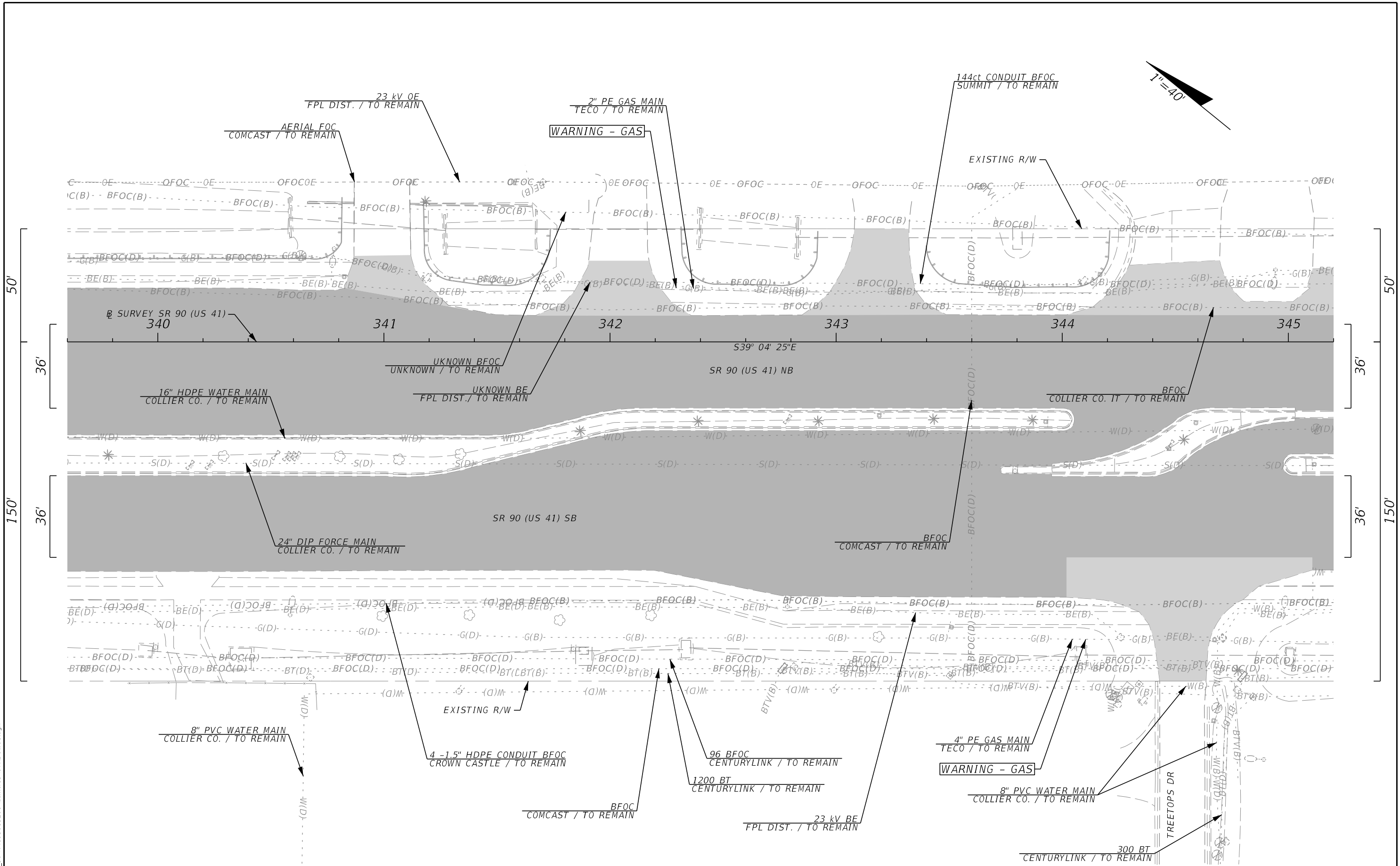
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

**UTILITY ADJUSTMENTS**

SHEET NO.  
74

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

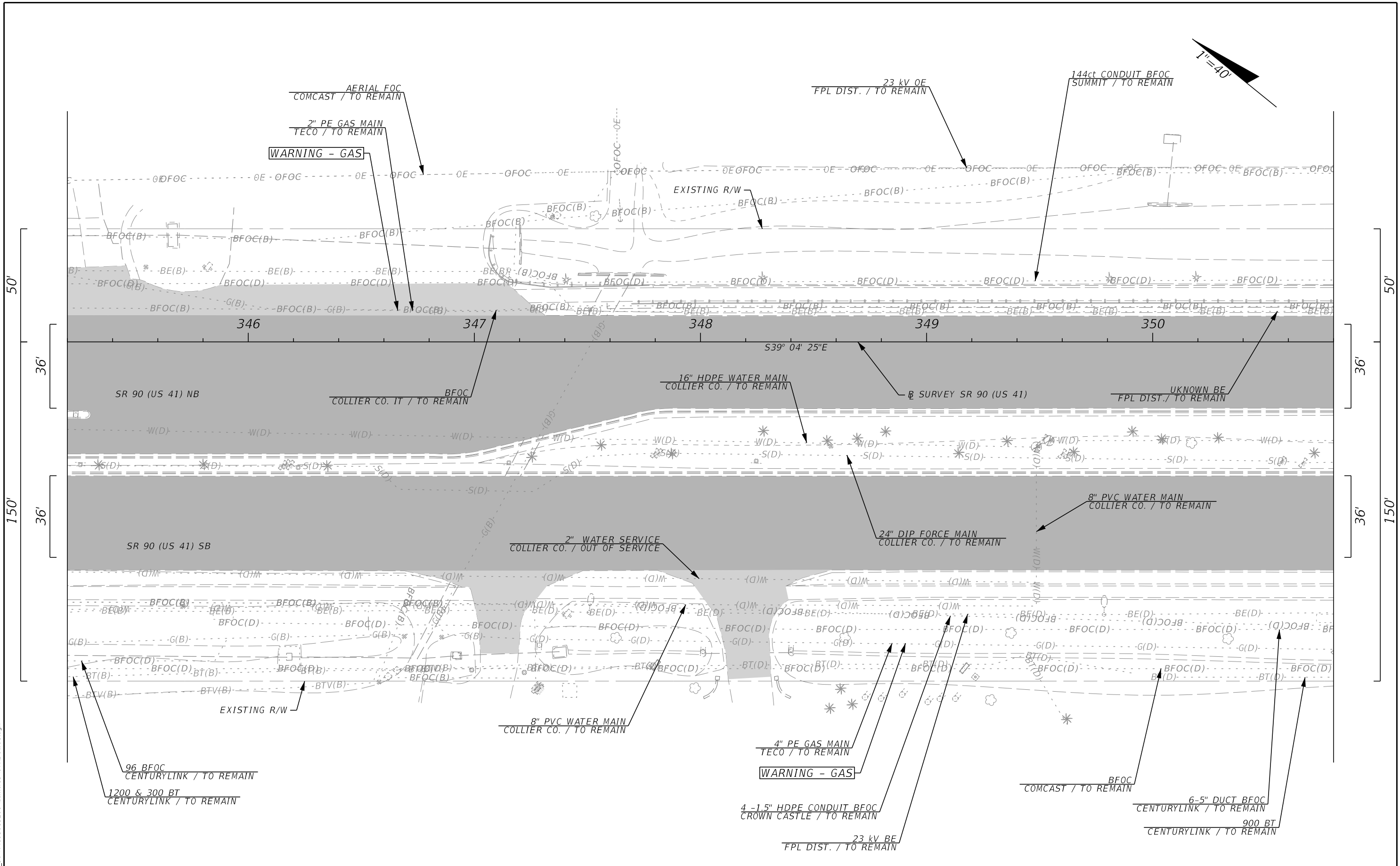
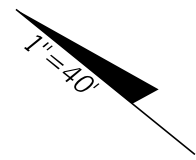
The Balmoral Group  
 165 Lincoln Avenue  
 Winter Park, FL 32789  
 Phone: (407) 629-2185  
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

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

**UTILITY ADJUSTMENTS**

SHEET NO.  
75

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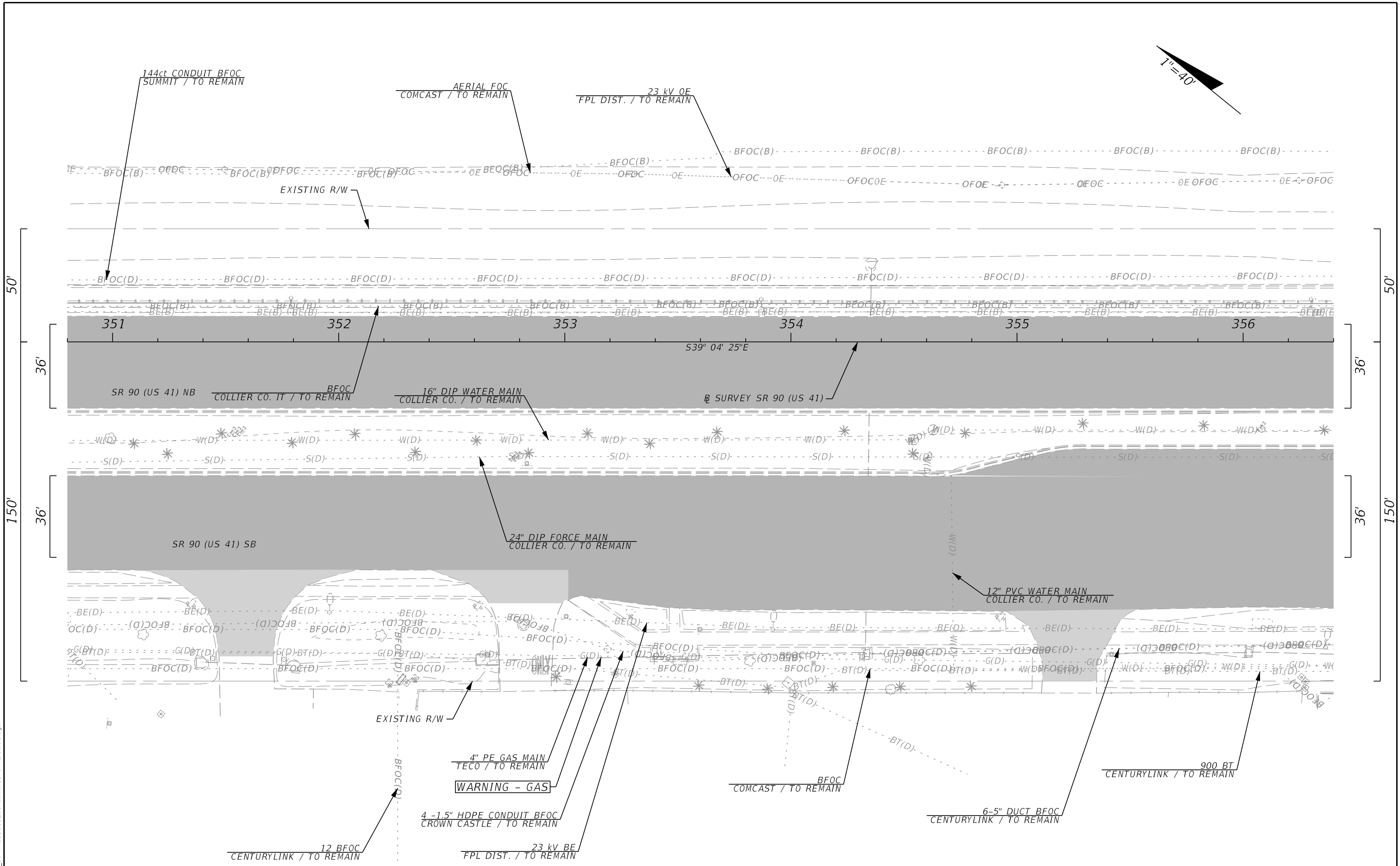
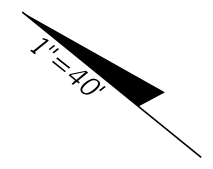


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REVISIONS				<p>The Balmoral Group 165 Lincoln Avenue Winter Park, FL 32789 Phone: (407) 629-2185 E.O.R.: Albert R. Smidebush, P.E. No. 73052</p>	<p>STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p>			<p><b>UTILITY ADJUSTMENTS</b></p>	<p>SHEET NO.  76</p>
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 90	COLLIER	448930-1-52-01		



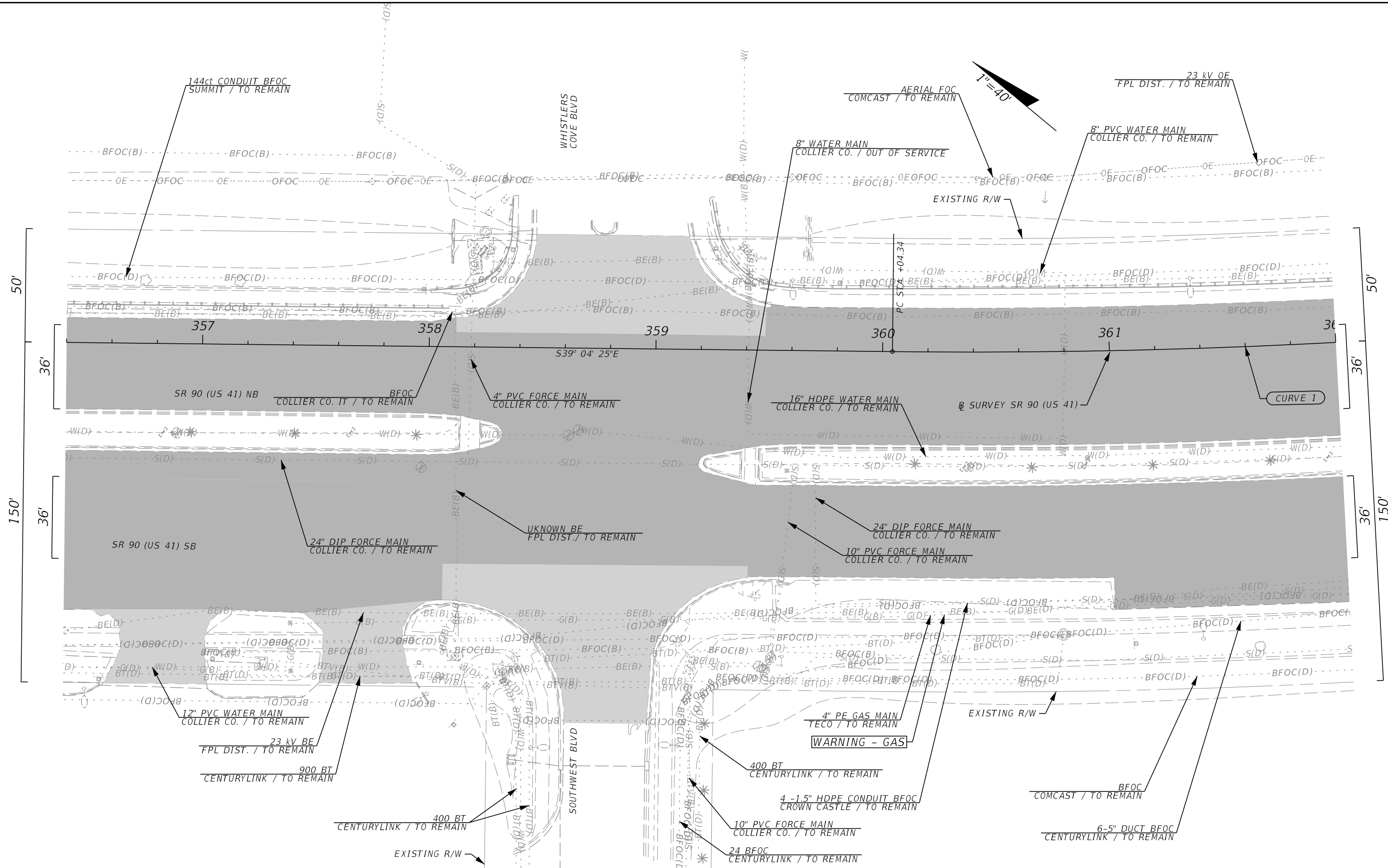


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REVISIONS				The Balmoral Group 165 Lincoln Avenue Winter Park, FL 32789 Phone: (407) 629-2185 E.O.R.: Albert R. Smidebush, P.E. No. 73052	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>UTILITY ADJUSTMENTS</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		77
					SR 90	COLLIER	448930-1-52-01		

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

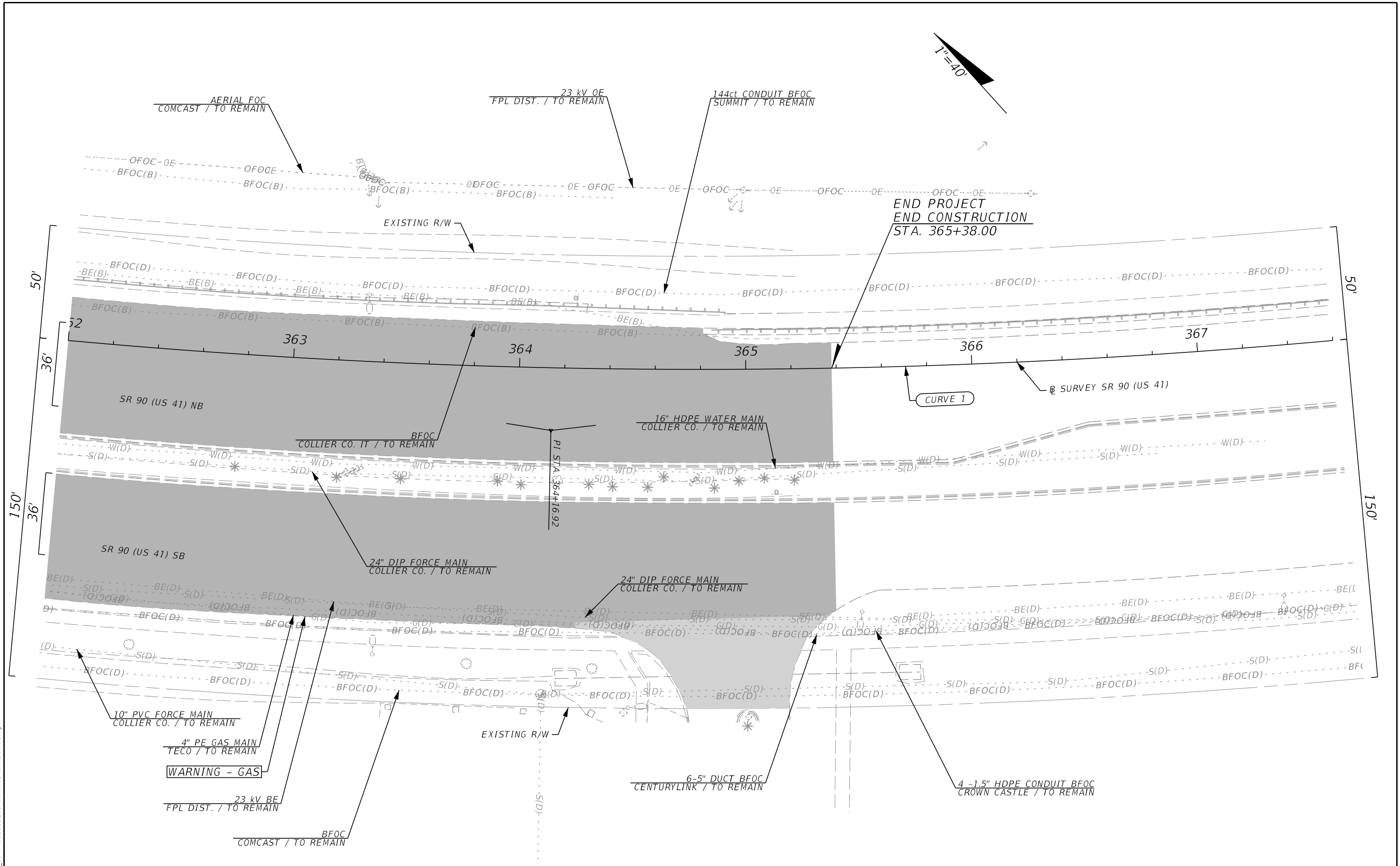
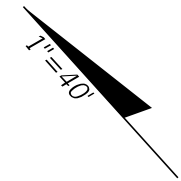
The Balmoral Group  
 165 Lincoln Avenue  
 Winter Park, FL 32789  
 Phone: (407) 629-2185  
 E.O.R.: Albert R. Smidebush, P.E. No. 73052

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

**UTILITY ADJUSTMENTS**

SHEET NO.  
78

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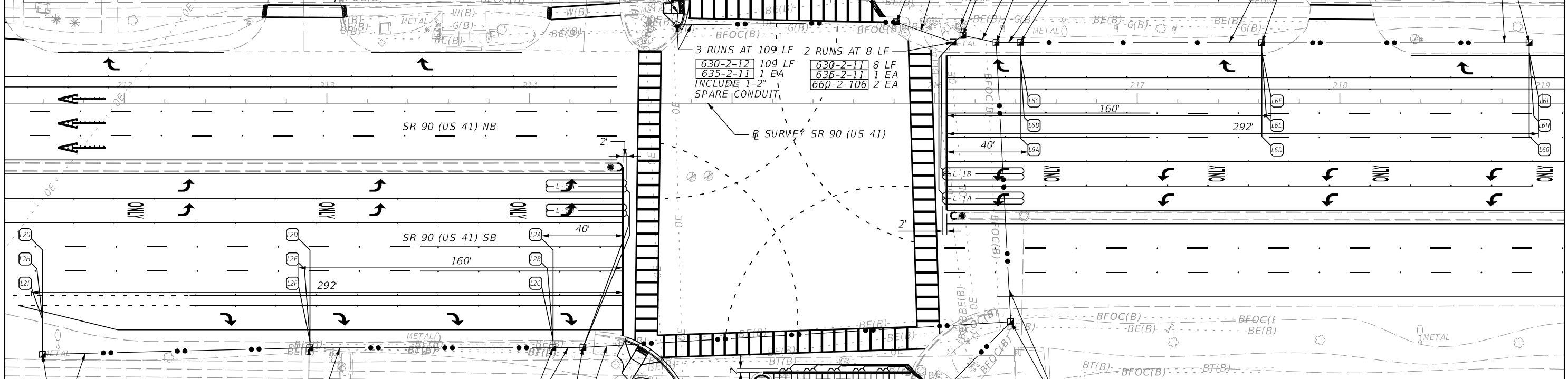


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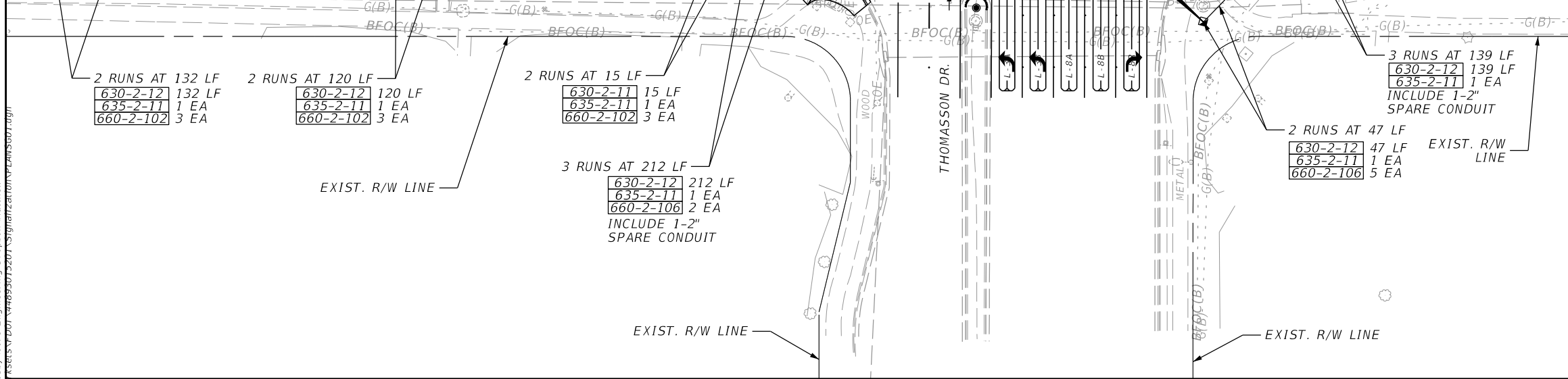
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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			<b>UTILITY ADJUSTMENTS</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		79
					SR 90	COLLIER	448930-1-52-01		

DETECTORS FOR LOOPS					
LOOP	NO. OF LOOPS	NO. OF NEW DETS.	CHANNEL NO.	DELAY TIME (SEC.)	CONNECT TO MOVEMENT (CONTROLLER 0)
L-5A	1	1	1		5
L-5B	1	1	2		
L-2A	1	1	1		
L-2B	1	1	2		
L-2C	1	1	1		2
L-2D	1	1	2		
L-2E	1	1	1		
L-2F	1	1	2		
L-2G	1	1	1		4
L-2H	1	1	2		
L-2I	1	1	1		
L-7A	1	1	2		
L-7B	1	1	1		7
L-4A	1	1	2		
L-4B	1	1	1		
L-4R	1	1	2	8	



DETECTORS FOR LOOPS (CONTINUED)					
LOOP	NO. OF LOOPS	NO. OF NEW DETS.	CHANNEL NO.	DELAY TIME (SEC.)	CONNECT TO MOVEMENT (CONTROLLER 0)
L-1A	1	1	1		1
L-1B	1	1	2		
L-6A	1	1	1		
L-6B	1	1	2		
L-6C	1	1	1		6
L-6D	1	1	2		
L-6E	1	1	1		
L-6F	1	1	2		
L-6G	1	1	1		3
L-6H	1	1	2		
L-6I	2	1	1		
L-3A	1	1	2		
L-3B	1	1	1		8
L-8A	1	1	2		
L-8B	1	1	1		
L-8R	1	1	2	8	



REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 90	COLLIER	448930-1-52-01	

MATTHEW A. CROSBY, P.E.  
 LICENSE NUMBER: 75556  
 CORE ENGINEERING GROUP, LLC.  
 100 EAST PINE STREET, SUITE 110  
 ORLANDO, FL 32801

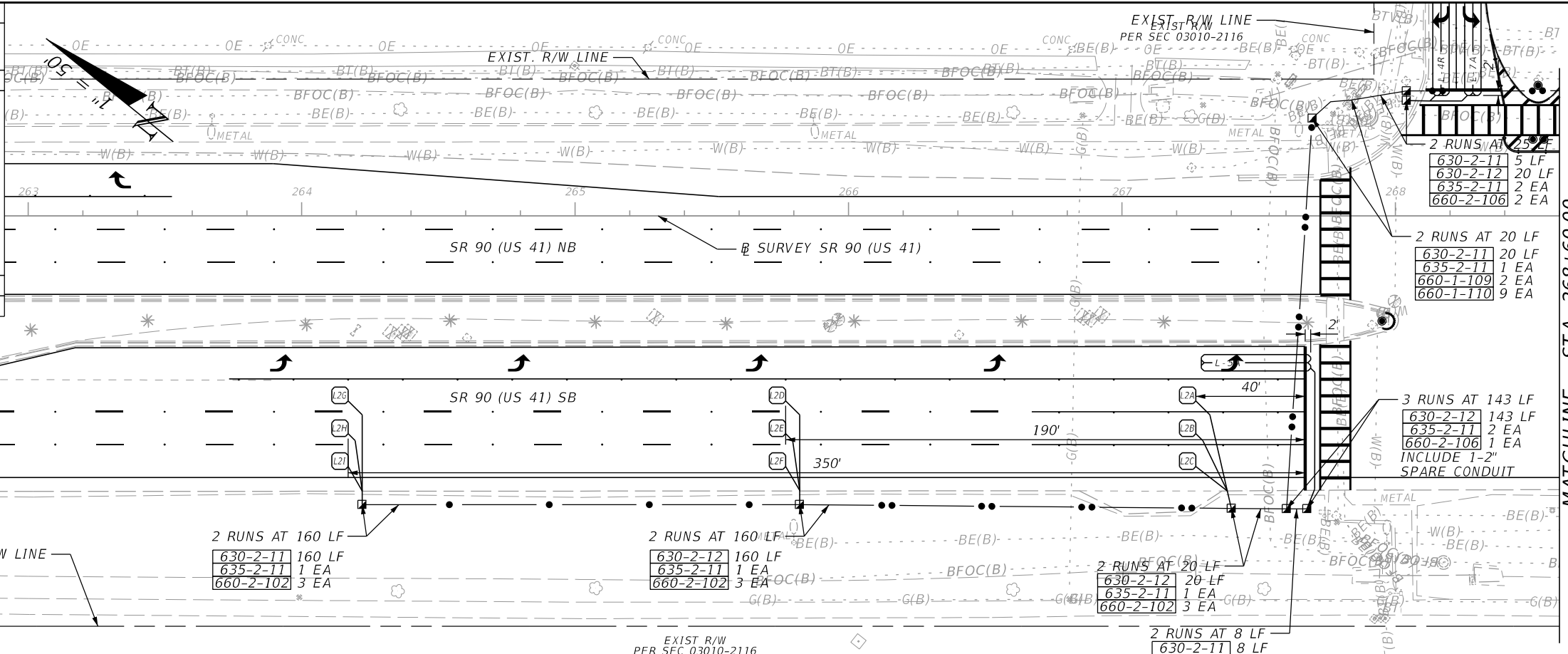
SIGNALIZATION PLAN

80

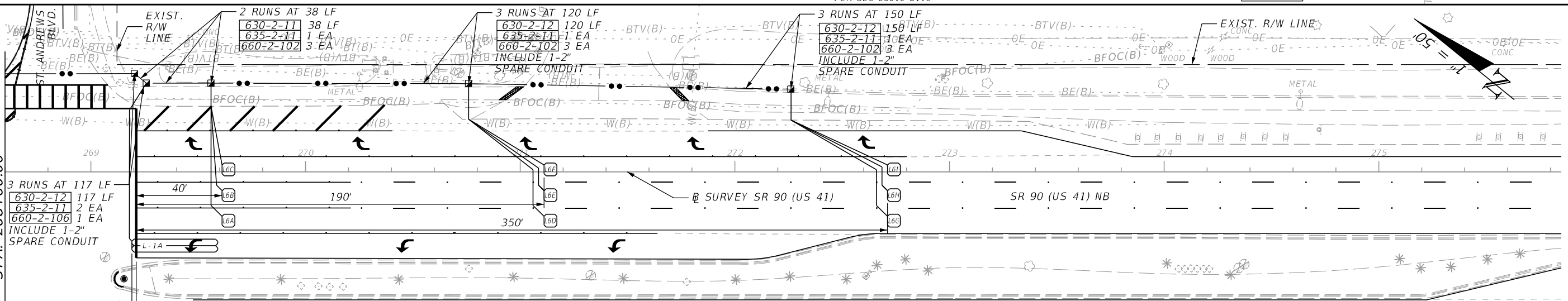
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DETECTORS FOR LOOPS					
LOOP	NO. OF LOOPS	NO. OF NEW DETS.	CHANNEL NO.	DELAY TIME (SEC.)	CONNECT TO MOVEMENT (CONTROLLER 0)
L-5A	1		2		5
L-2A	1	1	1		
L-2B	1		2		
L-2C	1	1	1		2
L-2D	1	2			
L-2E	1	1	1		7
L-2F	1	2			
L-2G	1	1	1		4
L-2H	1	2			
L-2I	1	1	1		
L-7A	1	1	1		
L-4R	1	1	2	8	



MATCHLINE - STA. 268+60.00



MATCHLINE - STA. 268+60.00

DETECTORS FOR LOOPS (CONTINUED)					
LOOP	NO. OF LOOPS	NO. OF NEW DETS.	CHANNEL NO.	DELAY TIME (SEC.)	CONNECT TO MOVEMENT (CONTROLLER 0)
L-1A	1		1		1
L-6A	1	1	2		
L-6B	1		1		
L-6C	1		2		6
L-6D	1	1	1		
L-6E	1		2		
L-6F	1	1	1		
L-6G	1		2		
L-2H	1	1	1		
L-2I	1		2		

3/28/2024 9:47:18 AM JKiriazes C:\Users\Matthew\Crosby\Core Engineering\Dropbox\Matthew\Projects\SR 90\ASSETS\DOT\4895012501\SIGNALIZATION\PLAN5001.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD  
 MATTHEW A. CROSBY, P.E.  
 LICENSE NUMBER: 75556  
 CORE ENGINEERING GROUP, LLC.  
 100 EAST PINE STREET, SUITE 110  
 ORLANDO, FL 32801

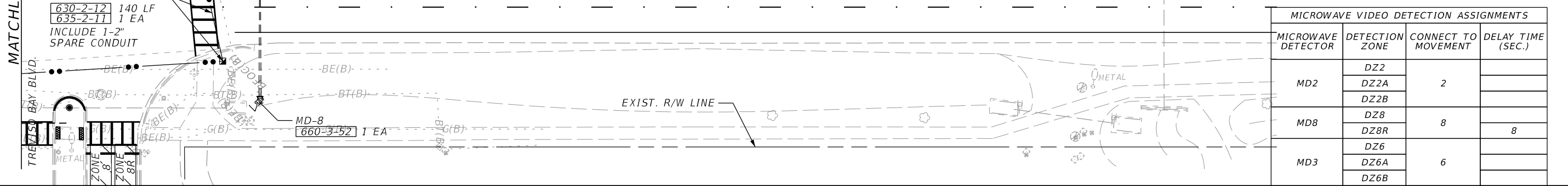
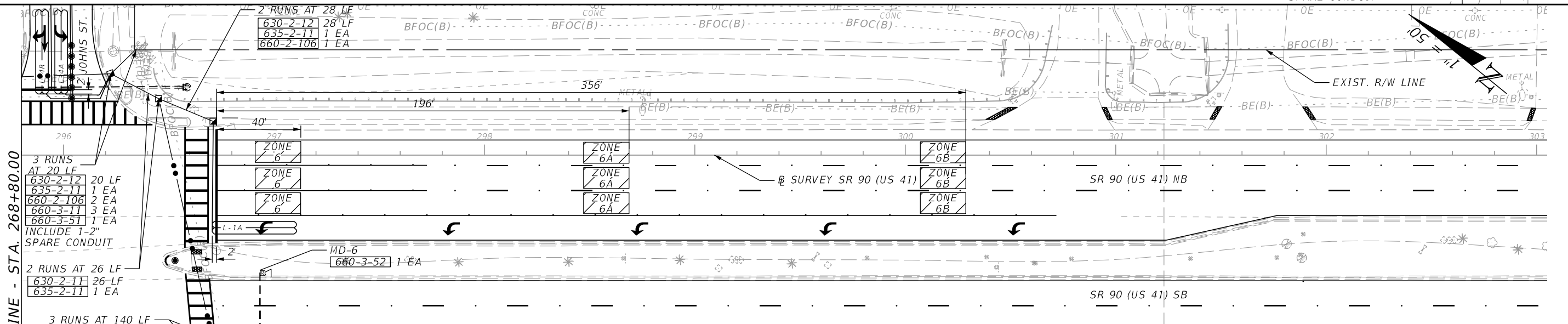
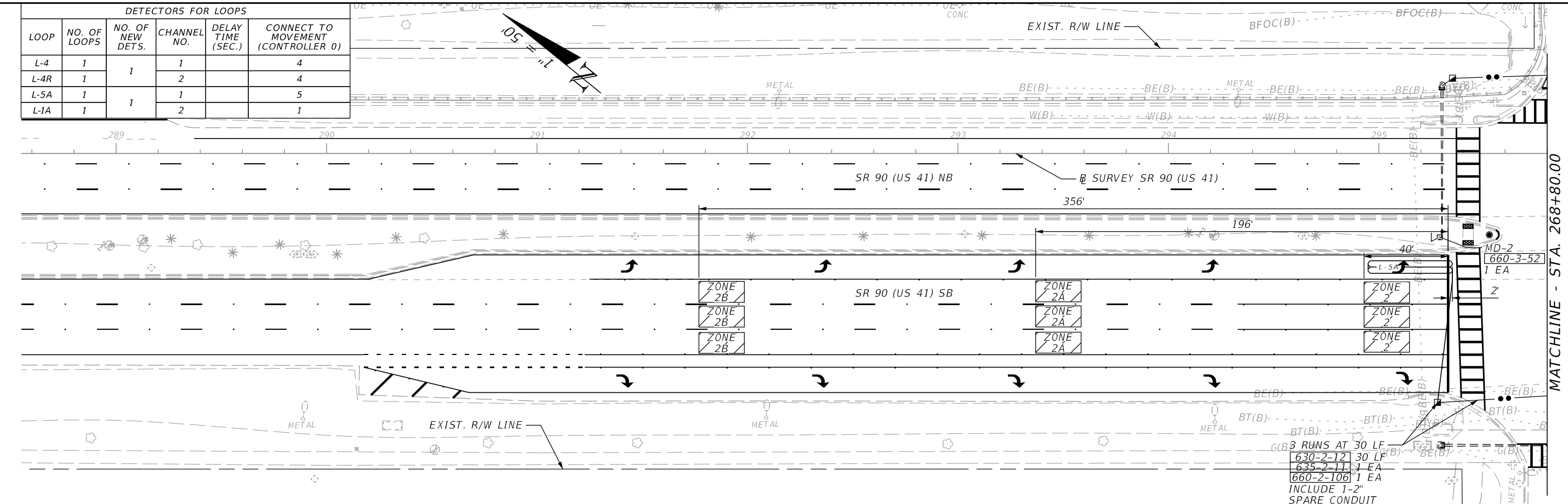
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 90	COLLIER	448930-1-52-01

SIGNALIZATION PLAN

SHEET NO.  
**81**

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DETECTORS FOR LOOPS					
LOOP	NO. OF LOOPS	NO. OF NEW DETS.	CHANNEL NO.	DELAY TIME (SEC.)	CONNECT TO MOVEMENT (CONTROLLER 0)
L-4	1		1		4
L-4R	1	1	2		4
L-5A	1		1		5
L-1A	1	1	2		1



MICROWAVE VIDEO DETECTION ASSIGNMENTS			
MICROWAVE DETECTOR	DETECTION ZONE	CONNECT TO MOVEMENT	DELAY TIME (SEC.)
MD2	DZ2	2	
	DZ2A		
	DZ2B		
MD8	DZ8	8	8
	DZ8R		
MD3	DZ6	6	
	DZ6A		
	DZ6B		

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY		FINANCIAL PROJECT ID
				MATTHEW A. CROSBY, P.E. LICENSE NUMBER: 75556 CORE ENGINEERING GROUP, LLC. 100 EAST PINE STREET, SUITE 110 ORLANDO, FL 32801						

**SIGNALIZATION PLAN**

MATCHLINE - STA. 268+80.00

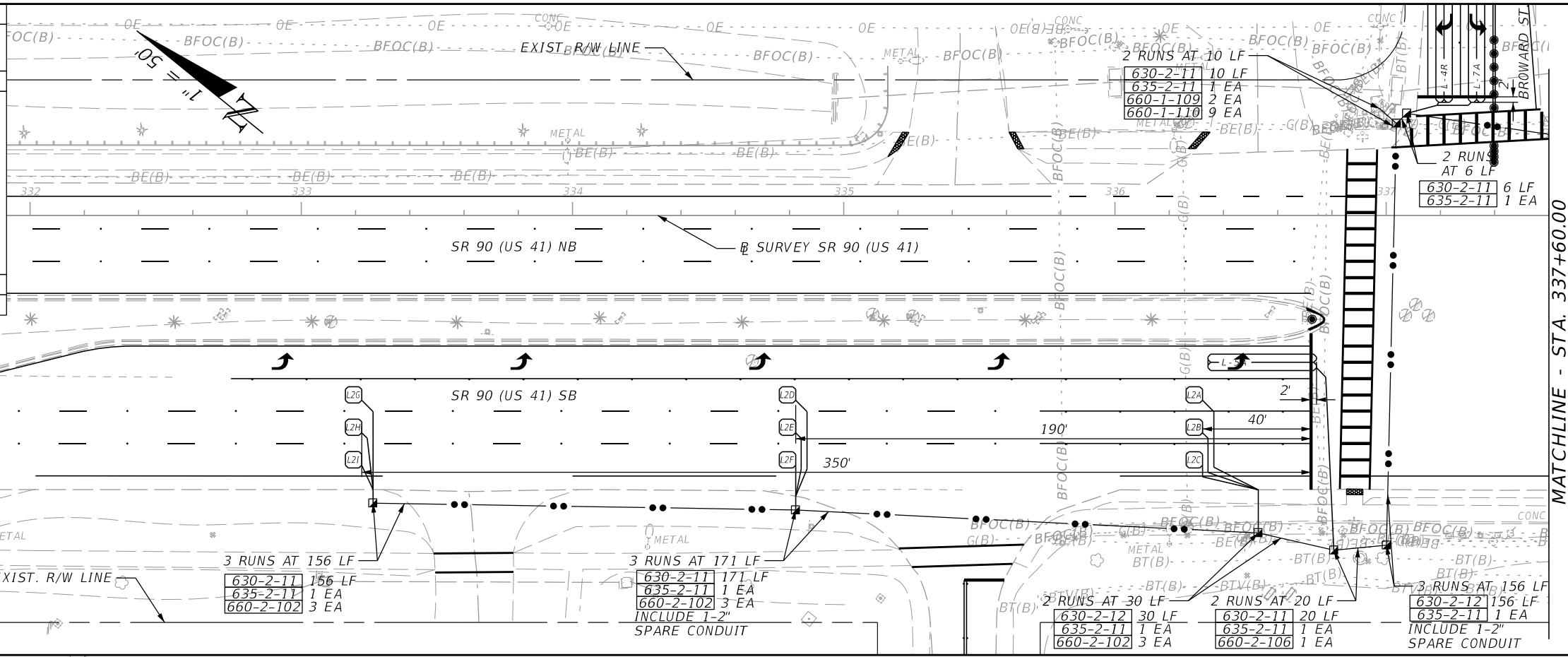
MATCHLINE - STA. 268+80.00

3/28/2024 9:47:19 AM JKirilazes  
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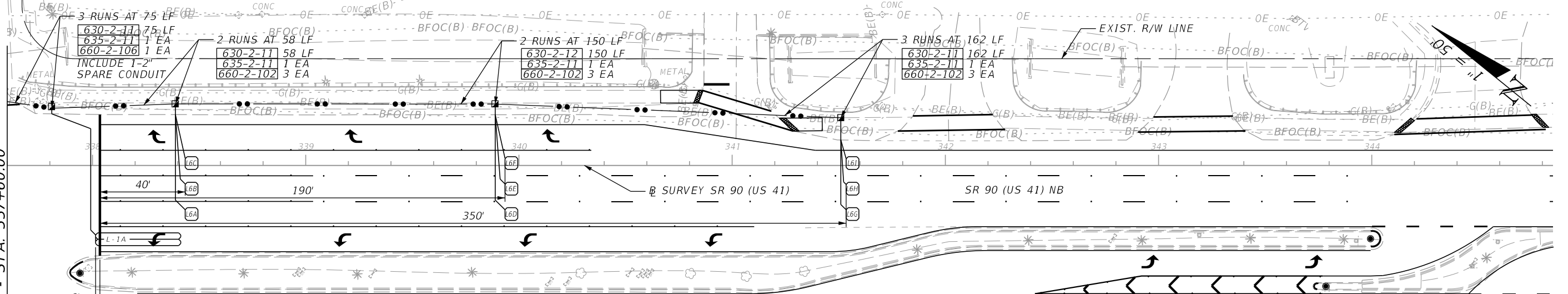
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DETECTORS FOR LOOPS				
LOOP	NO. OF LOOPS	NO. OF NEW DETS.	CHANNEL NO.	DELAY TIME (SEC.)
L-5A	1	1	1	5
L-2A	1		2	
L-2B	1		1	
L-2C	1		2	
L-2D	1		1	
L-2E	1	1	2	2
L-2F	1		1	
L-2G	1		2	
L-2H	1	1	1	7
L-2I	1		2	
L-7A	1	1	1	4
L-4R	1		2	



MATCHLINE - STA. 337+60.00

MATCHLINE - STA. 337+60.00



DETECTORS FOR LOOPS (CONTINUED)				
LOOP	NO. OF LOOPS	NO. OF NEW DETS.	CHANNEL NO.	DELAY TIME (SEC.)
L-6A	1	1	1	6
L-6B	1		2	
L-6C	1	1	1	
L-6D	1		2	
L-6E	1	1	1	
L-6F	1		2	
L-6G	1	1	1	
L-6H	1		2	
L-6I	1	1	1	
L-1A	1		2	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD  
 MATTHEW A. CROSBY, P.E.  
 LICENSE NUMBER: 75556  
 CORE ENGINEERING GROUP, LLC.  
 100 EAST PINE STREET, SUITE 110  
 ORLANDO, FL 32801

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

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

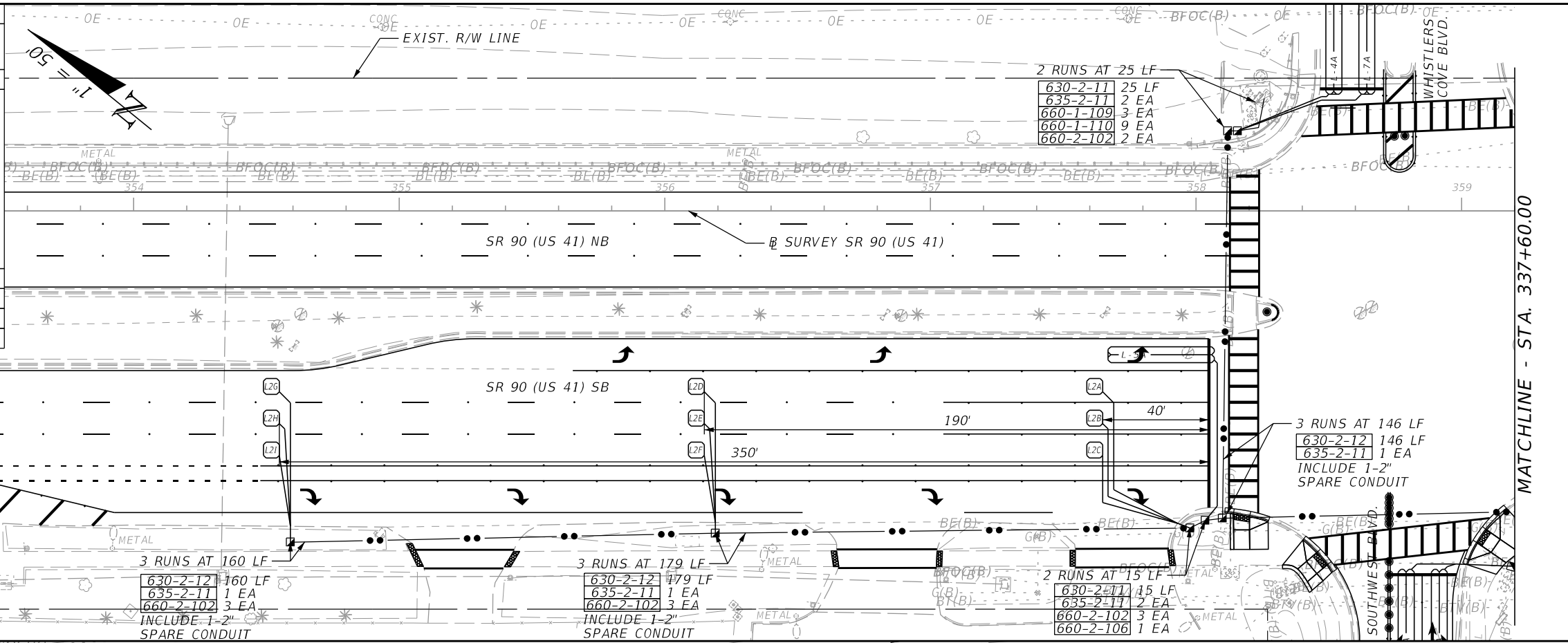
SIGNALIZATION PLAN

SHEET NO.  
83

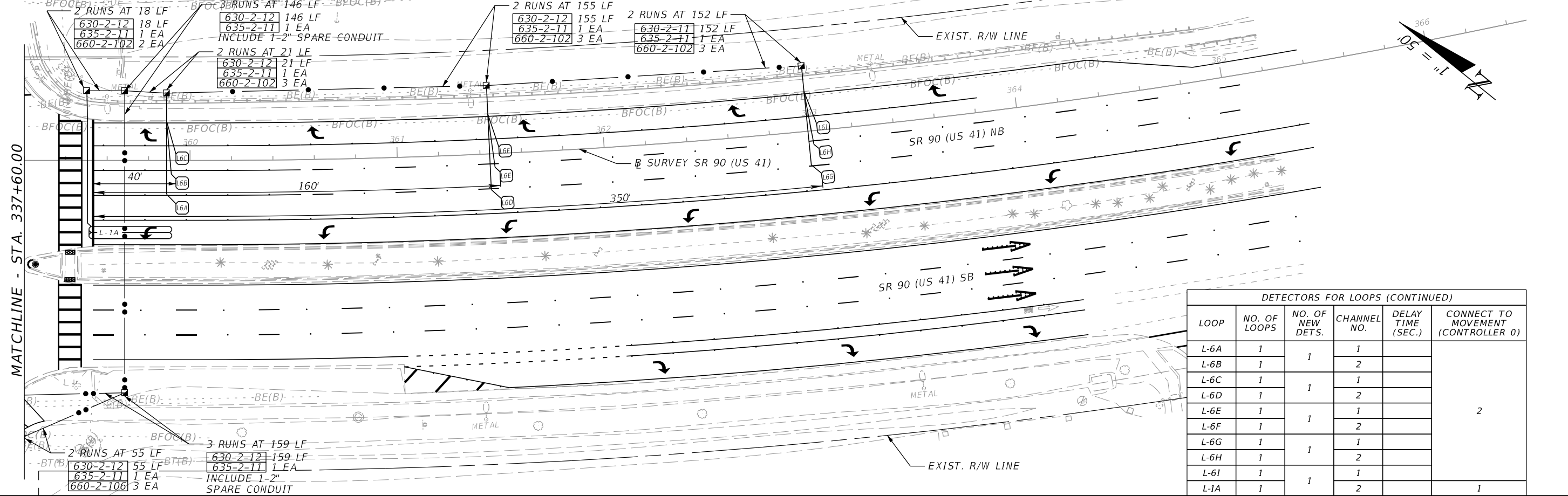
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DETECTORS FOR LOOPS				
LOOP	NO. OF LOOPS	NO. OF NEW DETS.	CHANNEL NO.	DELAY TIME (SEC.)
L-5A	1		1	
L-2A	1	1	2	
L-2B	1		1	
L-2C	1	1	2	
L-2D	1		1	
L-2E	1	1	2	2
L-2F	1		1	
L-2G	1	1	2	
L-2H	1		1	
L-2I	1	1	2	
L-3A	1		1	3
L-8A	1	1	2	8
L-4A	1		1	4
L-7A	1	1	2	7



MATCHLINE - STA. 337+60.00



MATCHLINE - STA. 337+60.00

DETECTORS FOR LOOPS (CONTINUED)				
LOOP	NO. OF LOOPS	NO. OF NEW DETS.	CHANNEL NO.	DELAY TIME (SEC.)
L-6A	1		1	
L-6B	1	1	2	
L-6C	1		1	
L-6D	1	1	2	
L-6E	1		1	
L-6F	1	1	2	2
L-6G	1		1	
L-6H	1	1	2	
L-6I	1		1	
L-1A	1	1	2	1

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNALIZATION PLAN	SHEET NO. 84
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 90	COLLIER	448930-152-01		

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