

CONTRACT PLANS COMPONENTS

- ROADWAY PLANS
- SIGNING AND PAVEMENT MARKING PLANS
- SIGNALIZATION PLANS
- LIGHTING PLANS

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

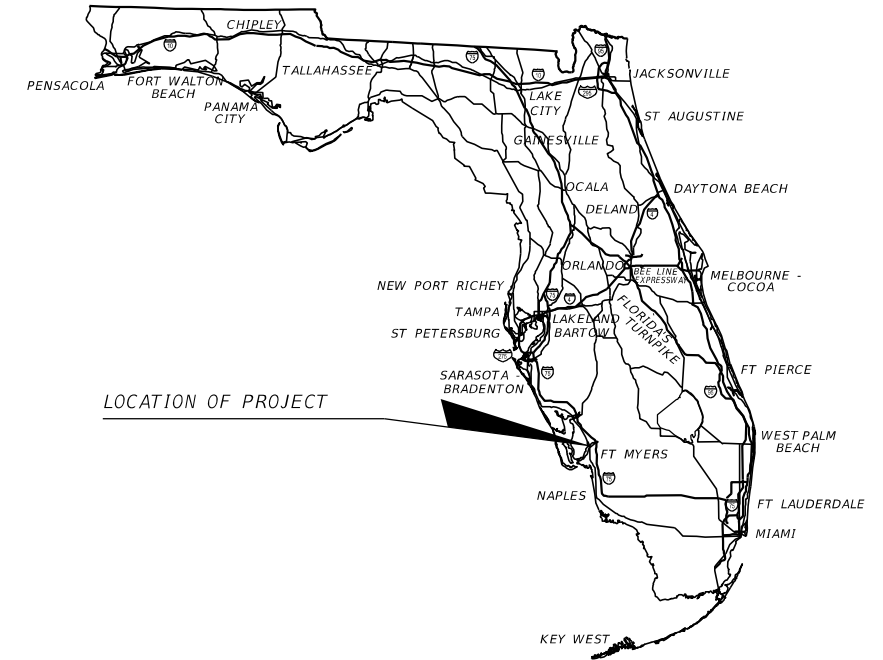
INDEX OF ROADWAY PLANS

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STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

FINANCIAL PROJECT ID 446293-1-52-01 & 446293-1-52-02
(FEDERAL FUNDS)
LEE COUNTY (12001)
STATE ROAD NO: 739
SR 739 FROM NORTH OF THE
CALOOSAHATCHEE RIVER TO SR 78



PROJECT LOCATION URL: <https://tinyurl.com/3v46m4wa>
 WORK PROGRAM DESC.: RESURFACING
 PROJECT LIMITS: BEGIN MP 1.055 - END MP 2.741
 EXCEPTIONS: NONE
 BRIDGE LIMITS: NONE
 RAILROAD CROSSINGS: NONE

Phase IIR
Utility Contact Plans
5/23/23

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>

THIS COPY TO BE MARKED AND RETURNED USING THE FOLLOWING COLOR CODES:

RED Existing utilities that are:
 (a) To be removed or relocated horizontally, or
 (b) To be placed out-of-service (deactivated) but left in place.

GREEN Existing utilities: To remain in place with no adjustment.

BROWN Utilities that are:
 (a) Existing and are to be adjusted vertically, but are to remain in the same horizontal alignment, or
 (b) New utilities to be installed.

ROADWAY PLANS
ENGINEER OF RECORD:

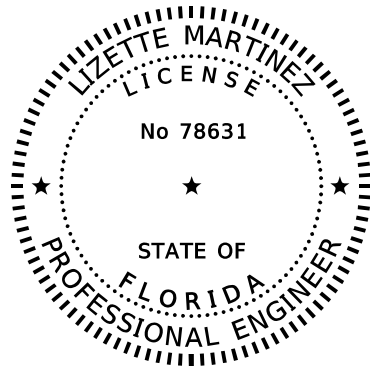
LIZETTE MARTINEZ, P.E. NO.: 78631
 AVANT ENGINEERING GROUP, LLC
 2699 LEE ROAD, SUITE 401
 WINTER PARK, FL 32789
 (407) 775-2209
 CONTRACT NO.: CAF70
 VENDOR NO.: 833811146-01

FDOT PROJECT MANAGER:
ZACHARY TAPP, P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	24	1

5/16/2023 4:53:04 PM NoJamHassan P:\FDOT\446293\15201\Roadway\KEY\SR001.dgn

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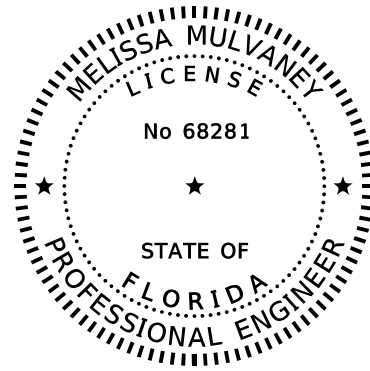
ON THE DATE ADJACENT TO THE SEAL

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2699 LEE ROAD, SUITE 401
WINTER PARK, FLORIDA 32789
LIZETTE MARTINEZ, P.E. NO. 78631

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

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1	KEY SHEET
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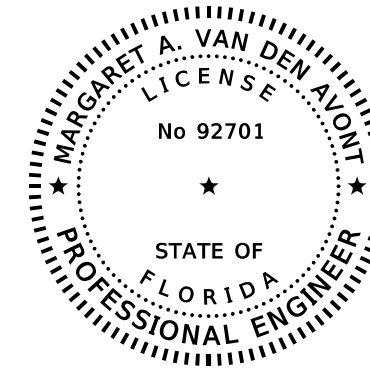
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BAYER UNITED ENGINEERING CONSULTANTS, LLC
320 W. KENNEDY BLVD., SUITE 650
TAMPA, FLORIDA 33606
MELISSA MULVANEY, P.E. NO. 68281

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

SHEET NO:	SHEET DESCRIPTION:
2	SIGNATURE SHEET
5-6	DRAINAGE DETAILS
7	OPTIONAL MATERIALS TABULATION
32-41	DRAINAGE STRUCTURES



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AVANT ENGINEERING GROUP, LLC
2699 LEE ROAD, SUITE 401
WINTER PARK, FLORIDA 32789
MARGARET A. VAN DEN AVONT, P.E. NO. 92701

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

SHEET NO:	SHEET DESCRIPTION:
2	SIGNATURE SHEET
53-74	TEMPORARY TRAFFIC CONTROL PLANS

BIM FILES IDENTIFIED AS PLANS TO SUPPORT EARTHWORK		
FILE NAME	FILE DESCRIPTION	SHA256 Encryption Code

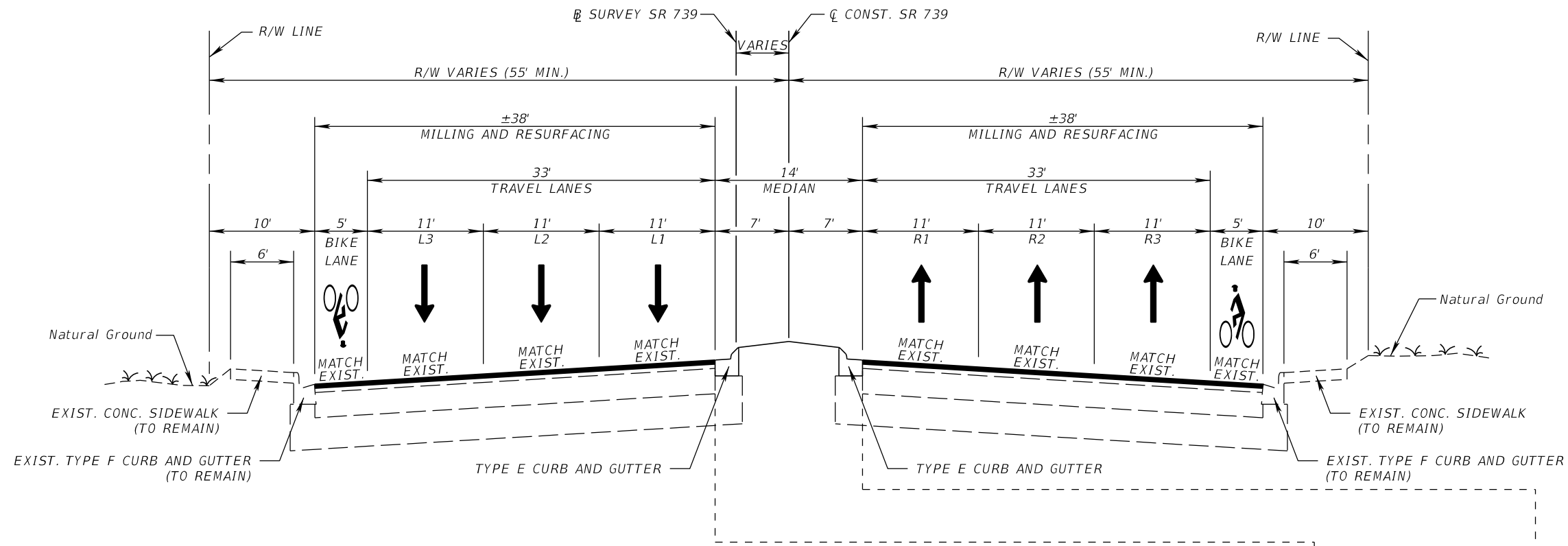
https://emn178.github.io/online-tools/sha256_checksum.html

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 739	LEE	446293-1-52-01	

SIGNATURE SHEET

2



**TYPICAL SECTION
SR 739**

STA. 323+03.53 TO STA. 405+33.74 (C)
STA. 205+29.64 TO STA. 212+59.98 (B)

TRAVEL AND TURN LANES
STA. 323+03.53 TO STA. 405+33.74 (C) (R1/R3/L1/L2/L3/TURN LANES)
STA. 205+29.64 TO STA. 212+59.98 (B) (R1/R3/L1/L2/L3/TURN LANES)
STA. 323+03.53 TO STA. 404+10.00 (C) (R2)

MILL EXISTING ASPHALT PAVEMENT (3")
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1.5")
AND FRICTION COURSE TYPE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

TRAVEL LANE
STA. 404+10.00 TO STA. 405+33.74 (C) (R2)
STA. 205+29.64 TO STA. 212+56.97 (B) (R2)

MILL EXISTING ASPHALT PAVEMENT (5.5")
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (4")
AND FRICTION COURSE TYPE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

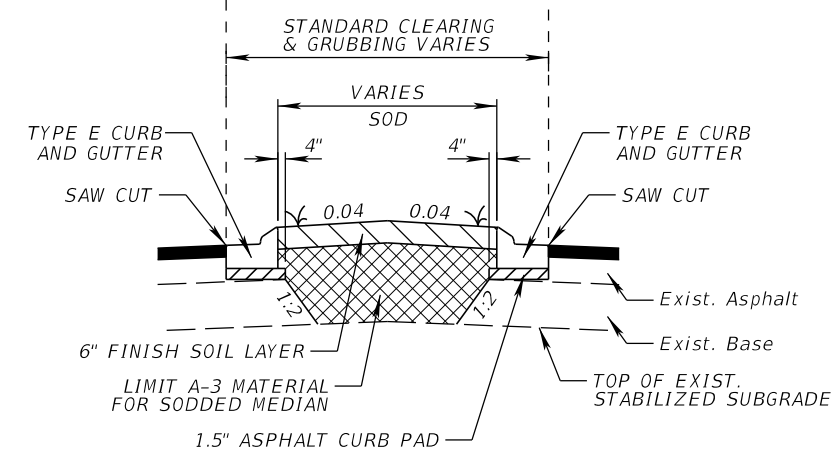
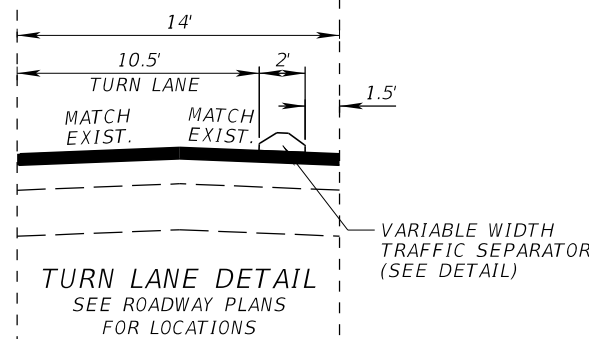
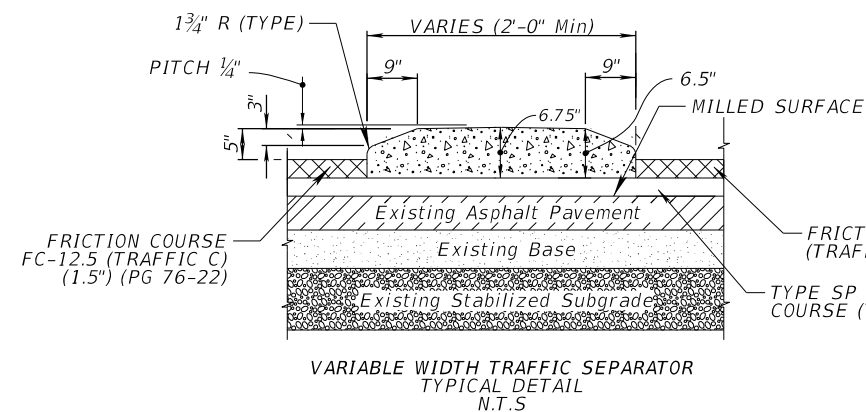
SIDE STREETS

MILL EXISTING ASPHALT PAVEMENT (1.5")
FRICTION COURSE TYPE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

WIDENING

STA. 357+02.81 TO STA. 357+89.66 (C)
STA. 358+35.18 TO STA. 359+36.52 (C)

OPTIONAL BASE GROUP 9 (TYPE B-12.5 ONLY)
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (4")
AND FRICTION COURSE TYPE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

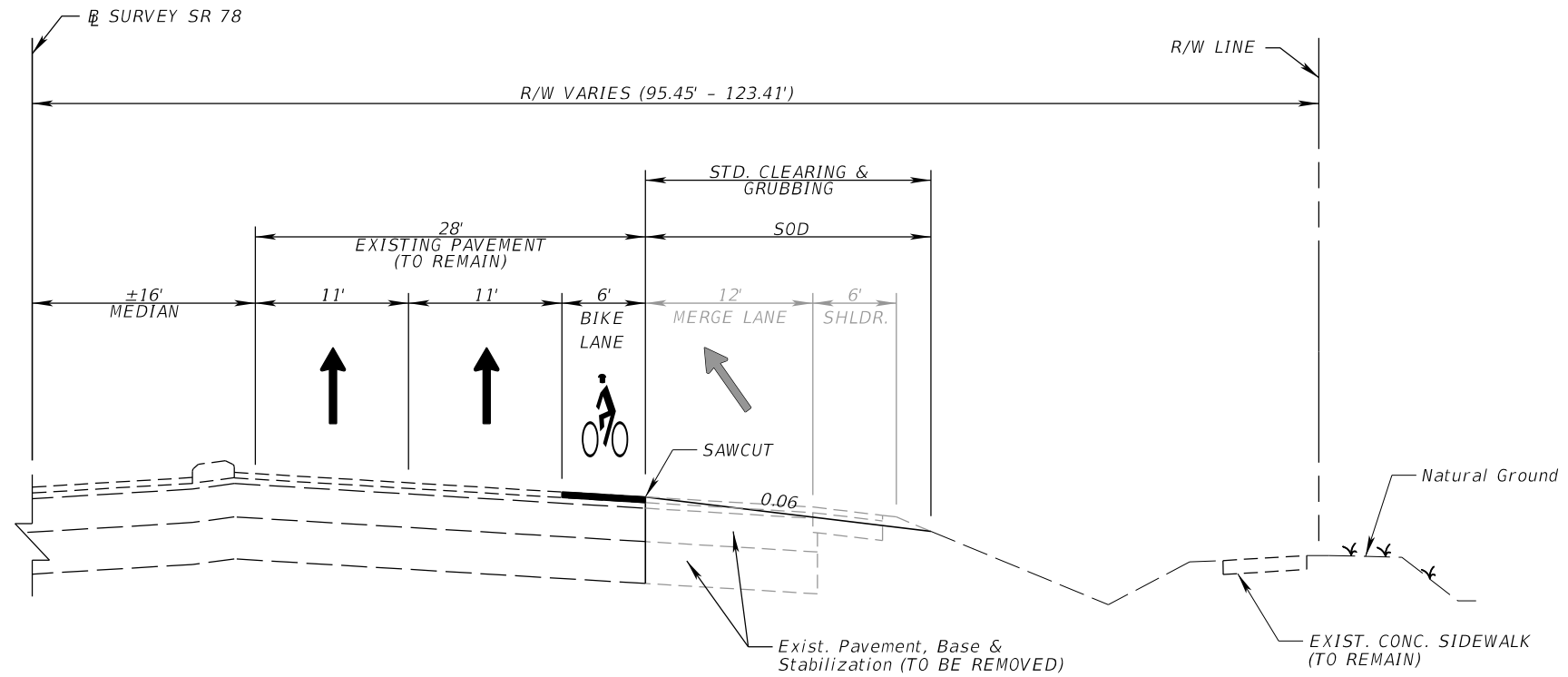


TRAFFIC DATA

CURRENT YEAR = 2022 AADT = 33500
ESTIMATED OPENING YEAR = 2024 AADT = 35000
ESTIMATED DESIGN YEAR = 2044 AADT = 50316
K = 9.0% D = 52.3% T = 6.7% (24 HOUR)
DESIGN HOUR T = 3.35%
DESIGN SPEED = 45 MPH
CONTEXT CLASSIFICATION = C3C

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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						SR 739	LEE	446293-1-52-01	3

TYPICAL SECTIONS



TYPICAL SECTION
SR 78 (PINE ISLAND ROAD)
STA. 582+47.38 TO STA. 649+57.19 (LT.)
STA. 653+20.00 TO STA. 660+00.23 (RT.)

NOTE: RIGHT SIDE OF SR 78 SHOWN, MIRROR FOR LEFT SIDE.

SR 78 MILLING AND RESURFACING
SEE ROADWAY PLANS FOR LOCATIONS
 MILL EXISTING ASPHALT PAVEMENT (3")
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1.5")
 AND FRICTION COURSE TYPE FC-12.5 (TRAFFIC C) (1.5") (PG 76-22)

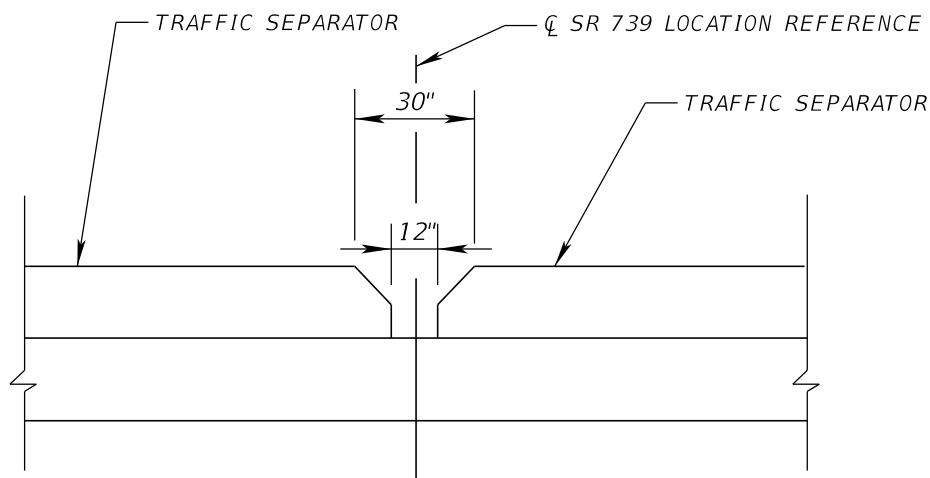
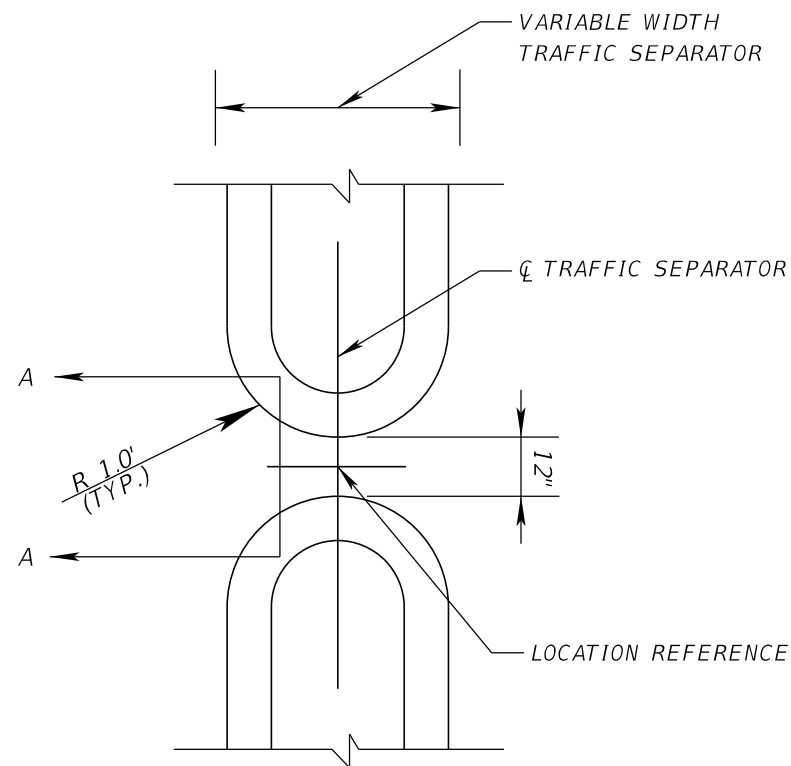
TRAFFIC DATA (SR 739)

CURRENT YEAR = 2022 AADT = 33500
 ESTIMATED OPENING YEAR = 2024 AADT = 35000
 ESTIMATED DESIGN YEAR = 2044 AADT = 50316
 K = 9.0% D = 52.3% T = 6.7% (24 HOUR)
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 DESIGN SPEED = 45 MPH
 CONTEXT CLASSIFICATION = C3C

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							SR 739	LEE	446293-1-52-01	TYPICAL SECTIONS 4

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SECTION A-A
12" DRAINAGE SLOTS DETAIL (TYP.)

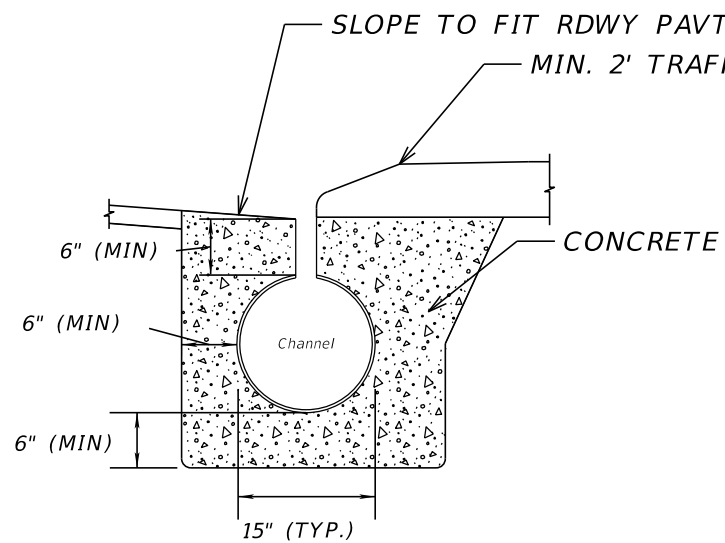
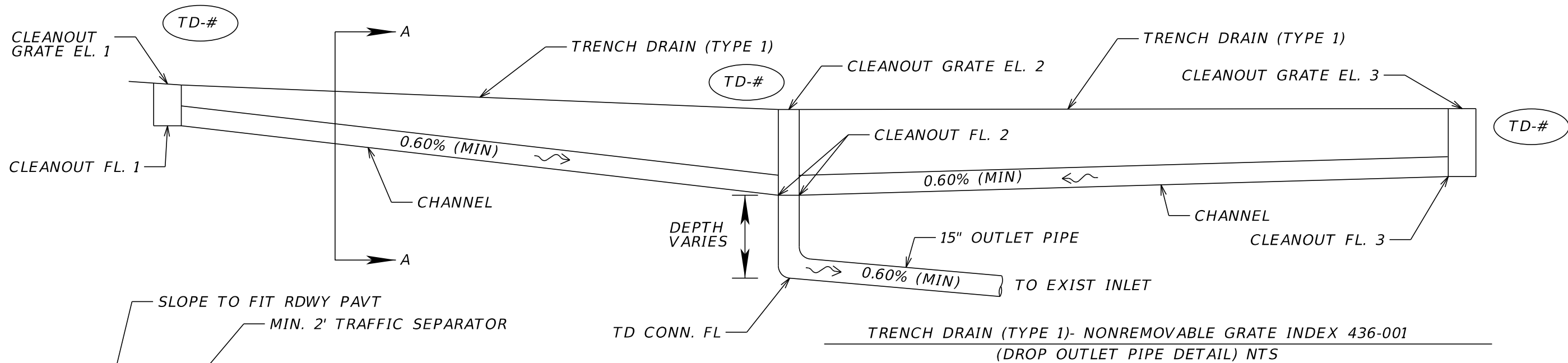
TYPICAL DRAINAGE SLOT DETAIL
CONCRETE TRAFFIC SEPARATOR, TYPE I, OPTION II
NTS

DRAINAGE SLOT STATIONING		
336+73.3	374+80	395+90
337+00	375+00	396+00
337+20	375+20	396+10
337+40	375+30	396+20
337+60	375+40	397+90
337+80	378+00	398+00
338+00	378+15	398+10
338+20	378+40	398+20
338+40	378+80	398+30
343+35	379+20	398+40
343+60	379+50	398+60
343+70	391+65	398+70
343+80	391+70	398+80
343+85	391+80	399+00
343+90	391+90	399+20
343+95	392+00	399+40
344+00	392+10	399+60
344+05	392+20	399+80
344+10	392+30	401+00
344+15	392+35	401+20
344+20	392+40	401+40
344+40	395+50	401+60
344+60	392+60	401+80
344+80	392+70	402+00
345+00	392+80	402+20
346+00	392+90	402+40
346+40	393+00	402+60
346+80	393+10	
347+20	393+20	
347+60	393+30	
347+80	393+40	
366+00	394+60	
366+40	394+70	
366+60	394+80	
366+75	394+90	
366+80	395+00	
370+80	395+10	
371+20	395+20	
371+60	395+30	
372+00	395+40	
372+60	395+50	
373+80	395+60	
374+20	395+70	
374+60	395+80	

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 Documents\WORK FILES\DOT\4462931-52-01\Drainage\DRD01.rvt

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DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY		FINANCIAL PROJECT ID
				MELISSA A. MULVANEY, P.E. P.E. LICENSE NUMBER 68281 BAYER UNITED ENGINEERING CONSULTANTS, LLC 320 W KENNEDY BLVD, SUITE 650, TAMPA, FL 33606						
DRAINAGE DETAILS										15



SECTION A-A (NTS)
ADJACENT TO TRAFFIC SEPARATOR
PER STANDARD INDEX 436-001

TRENCH DRAIN TYPE 1 DATA

TD NO.	STA.	SIDE	GRATE EL. 1	GRATE EL. 2	GRATE EL. 3	CLEANOUT FL. 1	CLEANOUT FL. 2	CLEANOUT FL. 3	TD CONN FL.	FL INTO EXIST STRUCTURE
1	367+00	RT	5.49			3.74				
2	367+60	RT		5.69			3.39		2.50	
S-4	367+89.72	RT								2.33
3	380+45	RT	6.51			4.76				
4	381+48.86	RT		6.53			4.10		3.10	
5	382+30	RT			6.53			4.81		
ST-74	381+49.48	RT								*1.98
6	384+40	LT	5.82			4.07				
7	385+00	LT		5.92			3.20		2.70	
8	386+00	LT			6.15			4.20		
ST-78	384+50	RT								0.70

*NOTES: FOR ST-74, NO SURVEYED FLOWLINES. FIELD VERIFY EXISTING FLOWLINES.

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Bayer United Engineering Consultants\RDWY\RDWY1\001

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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				MELISSA A. MULVANEY, P.E. P.E. LICENSE NUMBER 68281 BAYER UNITED ENGINEERING CONSULTANTS, LLC 320 W KENNEDY BLVD, SUITE 650, TAMPA, FL 33606			SR 739	LEE	446293-1-52-01	
DRAINAGE DETAILS										

OPTIONAL MATERIALS SYSTEMS

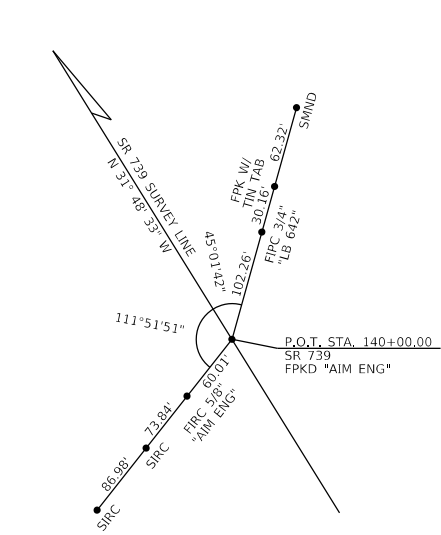
STRUCTURE	SIZE (IN)	MATERIAL	PLOTTED	AS BUILT	REMARKS
S-15	15	RCP, CL II	x		
		(SRAP) Aluminum- Spiral, Gage 16			
		(HDPE) High Density Polyethylene, CL II			
		(PP) Polypropylene CL II			
		(PVC) Polyvinyl Chloride, ASTM F-949			
S-1, S-2, S-4, S-5, S-6, S-7, S-8, S-9, S-10, S-11, S-13, S-13A, S-16, S-17	18	RCP, CL II	x		
		(SRAP) Aluminum- Spiral, Gage 16			
		(SRASP) Aluminized Steel-Spiral Rib, Gage 16			
		(SRSP) Galvanized Steel-Spiral Rib, Gage 16			
		(HDPE) High Density Polyethylene, CL II			
		(PP) Polypropylene CL II			
		(PVC) Polyvinyl Chloride, ASTM F-949			

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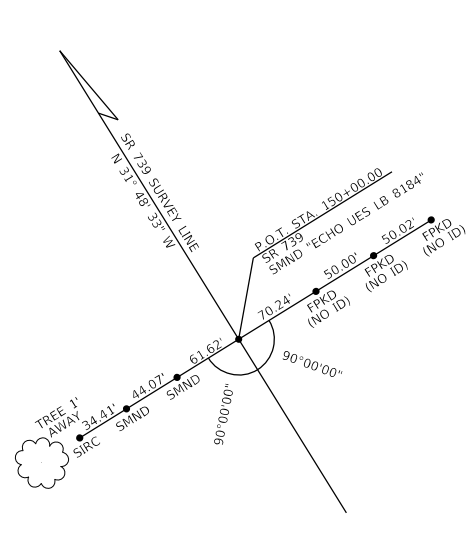
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<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> <th colspan="2">ENGINEER OF RECORD</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				REVISIONS		ENGINEER OF RECORD		DATE	DESCRIPTION	DATE	DESCRIPTION					<p align="center">STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td>SR 739</td> <td>LEE</td> <td>446293-1-52-01</td> </tr> </table>			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	SR 739	LEE	446293-1-52-01	<p align="center">OPTIONAL MATERIALS TABULATION</p>	SHEET NO.
REVISIONS		ENGINEER OF RECORD																								
DATE	DESCRIPTION	DATE	DESCRIPTION																							
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																								
SR 739	LEE	446293-1-52-01																								
				7																						

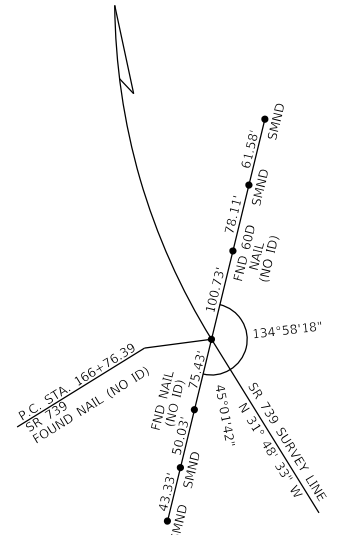
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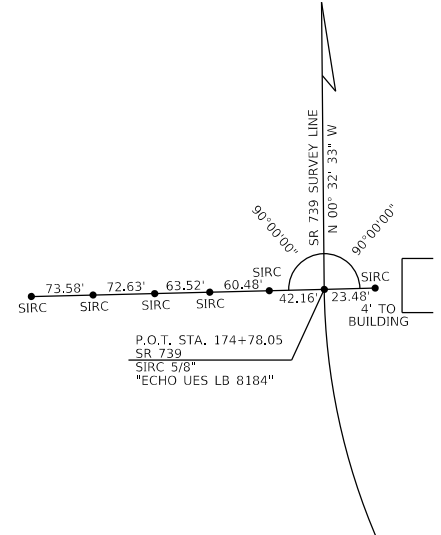
P.O.T. STA. 140+00.00
SR 739



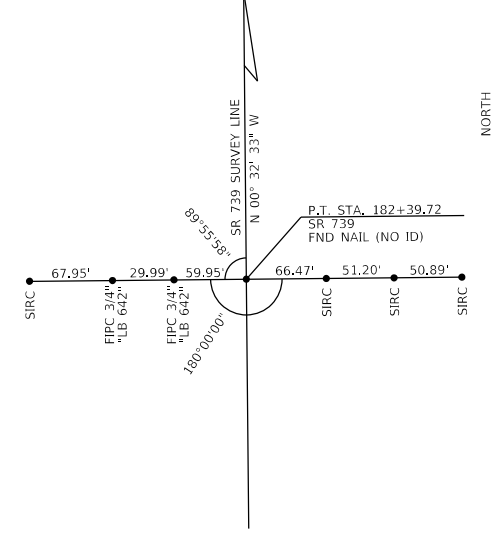
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SR 739



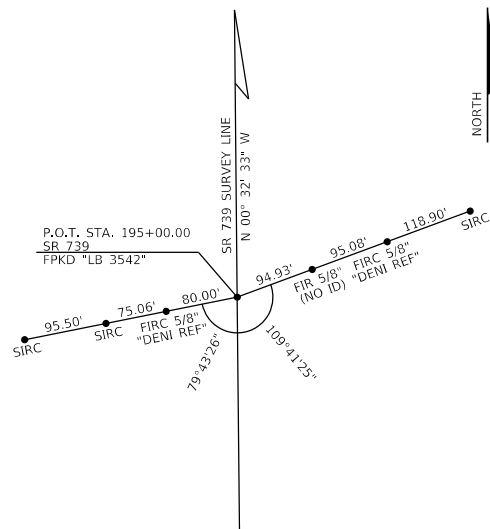
P.C. STA. 166+76.39
SR 739



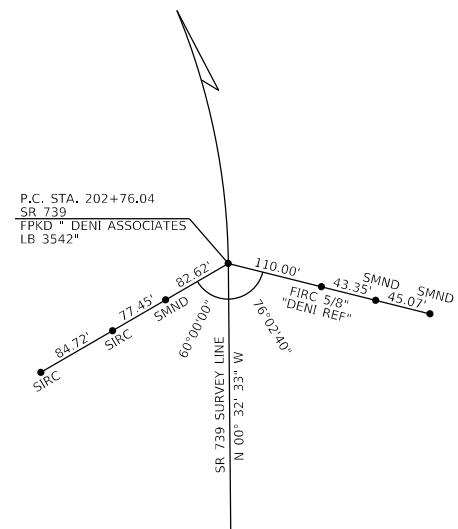
P.I. STA. 174+78.05
SR 739



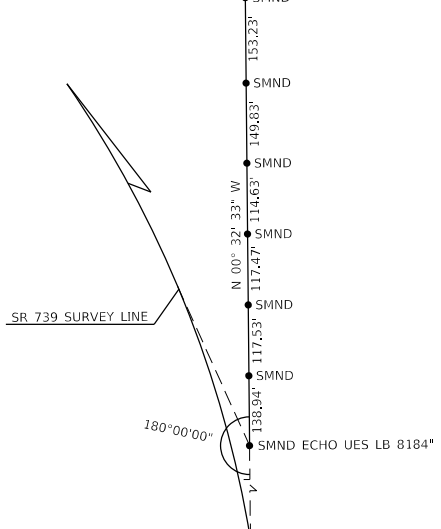
P.T. STA. 182+39.72
SR 739



P.O.T. STA. 195+00.00
SR 739



P.C. STA. 202+76.04
SR 739



P.I. STA. 213+85.88
SR 739

- LEGEND:
- & = AND
 - B.O.S. = BEGINNING OF SURVEY
 - E.O.S. = END OF SURVEY
 - FIPC = FOUND IRON PIPE & CAP
 - FIR = FOUND IRON ROD
 - FIRC = FOUND 5/8" IRON ROD & CAP
 - FMND = FOUND MAG NAIL & DISK
 - FND = FOUND
 - FPK = FOUND PARKER KALON NAIL
 - FPKD = FOUND PARKER KALON NAIL & DISK
 - ID = IDENTIFICATION
 - LB = LICENSED BUSINESS
 - N&D = NAIL AND DISK
 - P.I. = POINT OF INTERSECTION
 - P.O.T. = POINT ON TANGENT
 - SIRC = SET 5/8" IRON ROD & CAP "ECHO UES RP LB 8184" (UNLESS OTHERWISE NOTED)
 - SMND = SET MAG NAIL & DISK "ECHO UES RP LB 8184" (UNLESS OTHERWISE NOTED)
 - SR = STATE ROAD
 - STA. = STATION
 - US = UNITED STATES

REFERENCE SHEET
SR 739
FROM CALOOSAHATCHEE RIVER TO SR 78

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 739	LEE	446293-1-52-01	8

PROJECT CONTROL

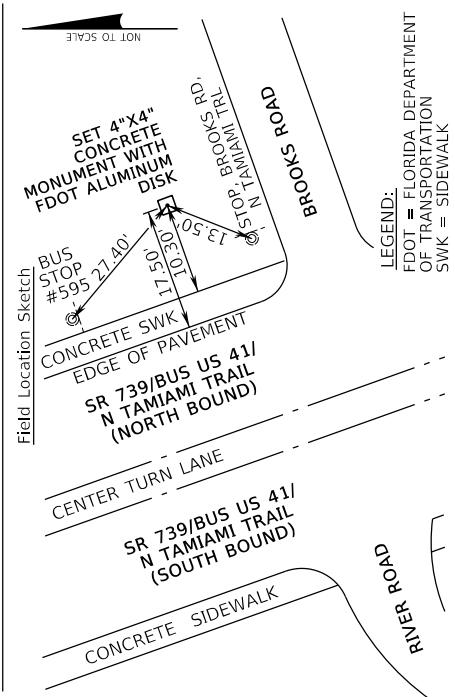
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Florida Department of Transportation District One
Vertical Control Data Sheet

DATUM
NGVD 1929 X
NAVD 1988 X

Monument Name or Designation: BM 173 Elevation Feet: 6.21'
State Road No.: 739 County: LEE
Section: 2 Township: 44 S Range: 24 E Roadway Section I.D.: 12001-000
Establishing Firm: ECHO UES, INC. Field Book No.: 504696
Established: 12/03/2021 Recovered: Financial Project ID:
State Plane Coordinates: N (Y): = 849,620 E (X): = 694,540
(Nearest Foot)
Base Line Station and Offset: STA.: 173+11 OFF.: 49' RT.
Description of Monument: SET 4"x4" CONCRETE MONUMENT WITH ALUMINUM FDOT DISK

Distance and Direction from Nearest Intersection: BENCHMARK IS LOCATED IN THE NORTHWEST QUADRANT AT THE INTERSECTION OF SR 739 (BUSINESS US 41/ N TAMIAMI TRAIL) AND BROOKS ROAD



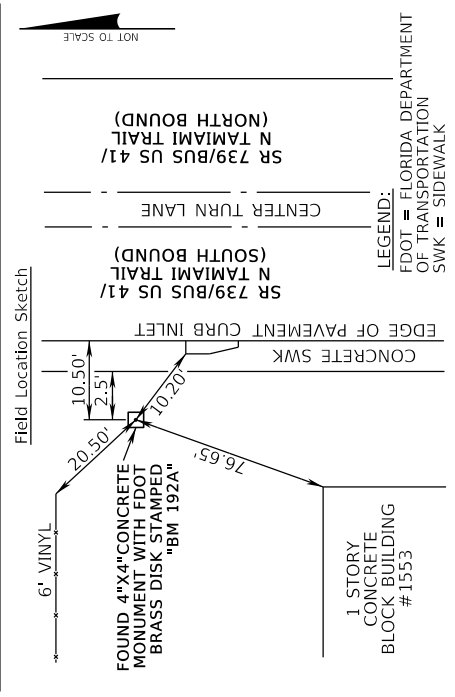
LEGEND:
FDOT = FLORIDA DEPARTMENT OF TRANSPORTATION
SWK = SIDEWALK

Florida Department of Transportation District One
Vertical Control Data Sheet

DATUM
NGVD 1929 X
NAVD 1988 X

Monument Name or Designation: BM 192A Elevation Feet: 6.88'
State Road No.: 739 County: LEE
Section: 2 Township: 44 S Range: 24 E Roadway Section I.D.: 12001-000
Establishing Firm: ECHO UES, INC. Field Book No.: 504696
Established: 12/03/2021 Recovered: Financial Project ID:
State Plane Coordinates: N (Y): = 851,481 E (X): = 694,281
(Nearest Foot)
Base Line Station and Offset: STA.: 192+07 OFF.: 46' LT.
Description of Monument: FOUND 4"x4" CONCRETE MONUMENT WITH BRASS FDOT DISK STAMPED "192A"

Distance and Direction from Nearest Intersection: FROM THE INTERSECTION OF SR 739 (BUSINESS US 41/ N TAMIAMI TRAIL) AND SR 78 (BAYSHORE BOULEVARD) TRAVEL 0.44 MILES SOUTH ALONG SR 739 TO MARK ON THE RIGHT.



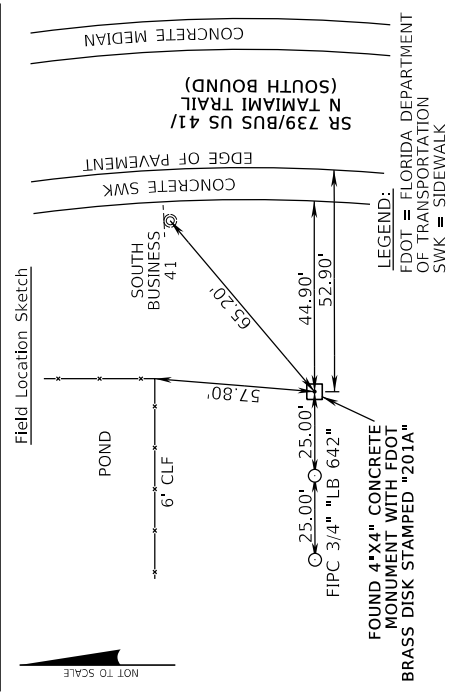
LEGEND:
FDOT = FLORIDA DEPARTMENT OF TRANSPORTATION
SWK = SIDEWALK

Florida Department of Transportation District One
Vertical Control Data Sheet

DATUM
NGVD 1929 X
NAVD 1988 X

Monument Name or Designation: BM 210A Elevation Feet: 9.71'
State Road No.: 739 County: LEE
Section: 2 Township: 44 S Range: 24 E Roadway Section I.D.: 12001-000
Establishing Firm: ECHO UES, INC. Field Book No.: 504696
Established: 12/03/2021 Recovered: Financial Project ID:
State Plane Coordinates: N (Y): = 853,257 E (X): = 694,146
(Nearest Foot)
Base Line Station and Offset: STA.: 210+00 OFF.: 120' LT.
Description of Monument: FOUND 4"x4" CONCRETE MONUMENT WITH BRASS FDOT DISK STAMPED "210A"

Distance and Direction from Nearest Intersection: FROM THE INTERSECTION OF SR 739 (BUSINESS US 41/ N TAMIAMI TRAIL) AND SR 78 (BAYSHORE BOULEVARD) TRAVEL 250 FEET SOUTH ALONG SR 739 TO MARK ON THE RIGHT.



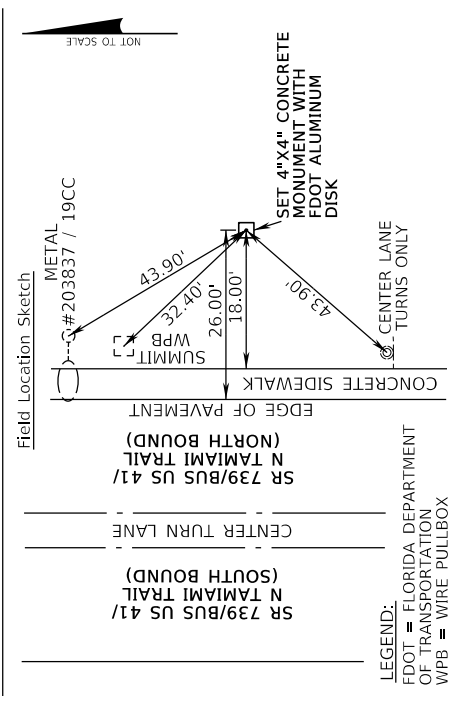
LEGEND:
FDOT = FLORIDA DEPARTMENT OF TRANSPORTATION
SWK = SIDEWALK

Florida Department of Transportation District One
Vertical Control Data Sheet

DATUM
NGVD 1929 X
NAVD 1988 X

Monument Name or Designation: BM 182 Elevation Feet: 5.71'
State Road No.: 739 County: LEE
Section: 2 Township: 44 S Range: 24 E Roadway Section I.D.: 12001-000
Establishing Firm: ECHO UES, INC. Field Book No.: 504696
Established: 12/03/2021 Recovered: Financial Project ID:
State Plane Coordinates: N (Y): = 850,513 E (X): = 694,417
(Nearest Foot)
Base Line Station and Offset: STA.: 182+37 OFF.: 81' RT.
Description of Monument: SET 4"x4" CONCRETE MONUMENT WITH ALUMINUM FDOT DISK

Distance and Direction from Nearest Intersection: FROM THE INTERSECTION OF SR 739 (BUSINESS US 41/ N TAMIAMI TRAIL) AND SR 78 (BAYSHORE BOULEVARD) TRAVEL 0.56 MILES SOUTH ALONG SR 739 TO MARK ON THE LEFT.



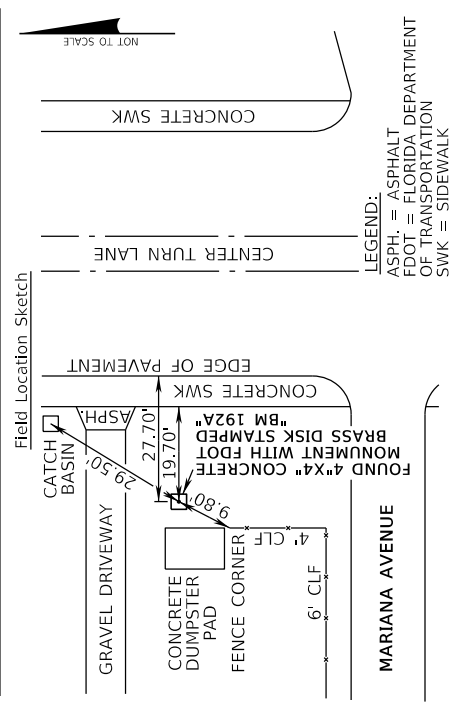
LEGEND:
FDOT = FLORIDA DEPARTMENT OF TRANSPORTATION
WPB = WIRE PULLBOX

Florida Department of Transportation District One
Vertical Control Data Sheet

DATUM
NGVD 1929 X
NAVD 1988 X

Monument Name or Designation: BM 201A Elevation Feet: 7.15'
State Road No.: 739 County: LEE
Section: 2 Township: 44 S Range: 24 E Roadway Section I.D.: 12001-000
Establishing Firm: ECHO UES, INC. Field Book No.: 504696
Established: 12/03/2021 Recovered: Financial Project ID:
State Plane Coordinates: N (Y): = 852,375 E (X): = 694,255
(Nearest Foot)
Base Line Station and Offset: STA.: 201+00 OFF.: 63' LT.
Description of Monument: FOUND 4"x4" CONCRETE MONUMENT WITH BRASS FDOT DISK STAMPED "201A"

Distance and Direction from Nearest Intersection: BENCHMARK IS LOCATED IN THE NORTHWEST QUADRANT AT THE INTERSECTION OF SR 739 (BUSINESS US 41/ N TAMIAMI TRAIL) AND MARIANA AVENUE



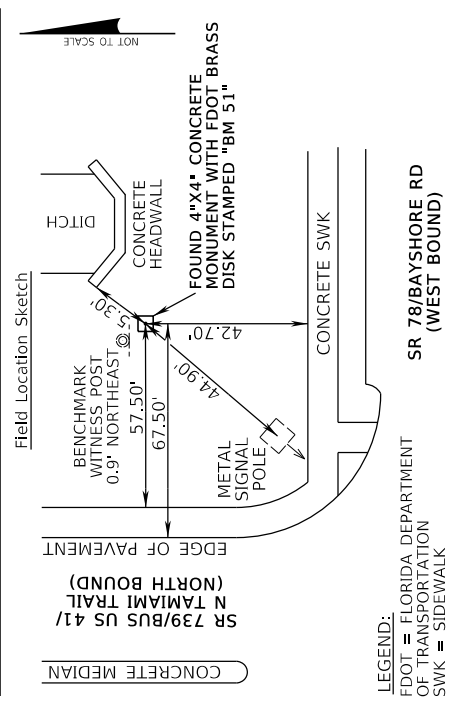
LEGEND:
ASPH. = ASPHALT
FDOT = FLORIDA DEPARTMENT OF TRANSPORTATION
SWK = SIDEWALK

Florida Department of Transportation District One
Vertical Control Data Sheet

DATUM
NGVD 1929 X
NAVD 1988 X

Monument Name or Designation: BM 51 Elevation Feet: 11.19'
State Road No.: 739 County: LEE
Section: 35 Township: 43 S Range: 24 E Roadway Section I.D.: 12001-000
Establishing Firm: ECHO UES, INC. Field Book No.: 504696
Established: 12/03/2021 Recovered: Financial Project ID:
State Plane Coordinates: N (Y): = 853,751 E (X): = 694,291
(Nearest Foot)
Base Line Station and Offset: STA.: 214+62 OFF.: 110' RT.
Description of Monument: FOUND 4"x4" CONCRETE MONUMENT WITH BRASS FDOT DISK STAMPED "210A"

Distance and Direction from Nearest Intersection: BENCHMARK IS LOCATED IN THE NORTHWEST QUADRANT AT THE INTERSECTION OF SR 739 (BUSINESS US 41/ N TAMIAMI TRAIL) AND SR 78 (BAYSHORE BOULEVARD)



LEGEND:
FDOT = FLORIDA DEPARTMENT OF TRANSPORTATION
SWK = SIDEWALK

REVISIONS

ENGINEER OF RECORD

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

PROJECT CONTROL

SHEET NO.

DATE	DESCRIPTION	DATE	DESCRIPTION

LIZETTE MARTINEZ, P.E.
LICENSE NUMBER: 78631
AVANT ENGINEERING GROUP, LLC
2699 LEE ROAD, SUITE 401
WINTER PARK, FL 32789

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 739	LEE	446293-1-52-01

9

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789	SR 739	LEE	446293-1-52-01
PROJECT CONTROL							10

Florida Department of Transportation District One
Vertical Control Data Sheet

DATUM
NGVD 1929 X
NAVD 1988 X

Monument Name or Designation: BM 123 Elevation Feet: 21.47'
State Road No.: 739 County: LEE
Section: 11 Township: 44 S Range: 24 E Roadway Section I.D.: 12001-000
Establishing Firm: ECHO UES, INC. Field Book No.: 504696
Established: 12/03/2021 Financial Project ID:
State Plane Coordinates: N (Y): = 845,297 E (X): = 697,045
(Nearest Foot) STA.: 123+01 OFF.: 32' LT.
Base Line Station and Offset: FOUND BRASS FDOT DISK IN CONCRETE BRIDGE WALL
Description of Monument: FOUND BRASS FDOT DISK IN CONCRETE BRIDGE WALL

Distance and Direction from Nearest Intersection: FROM THE INTERSECTION OF SR 739 (BUSINESS US 41/ N TAMAMI TRAIL) AND SR 78 (BAYSHORE BOULEVARD) TRAVEL 1.71 MILES SOUTH ALONG SR 739 TO MARK ON THE RIGHT.

Field Location Sketch

LEGEND:
CONC = CONCRETE
FDOT = FLORIDA DEPARTMENT OF TRANSPORTATION
SWK = SIDEWALK

Florida Department of Transportation District One
Vertical Control Data Sheet

DATUM
NGVD 1929 X
NAVD 1988 X

Monument Name or Designation: BM 142A Elevation Feet: 3.41'
State Road No.: 739 County: LEE
Section: 11 Township: 44 S Range: 24 E Roadway Section I.D.: 12001-000
Establishing Firm: ECHO UES, INC. Field Book No.: 504696
Established: 12/03/2021 Financial Project ID:
State Plane Coordinates: N (Y): = 846,984 E (X): = 696,119
(Nearest Foot) STA.: 142+23 OFF.: 70' RT.
Description of Monument: FOUND 4"x4" CONCRETE MONUMENT WITH BRASS FDOT DISK STAMPED "142A"

Distance and Direction from Nearest Intersection: FROM THE INTERSECTION OF SR 739 (BUSINESS US 41/ N TAMAMI TRAIL) AND SR 78 (BAYSHORE BOULEVARD) TRAVEL 1.34 MILES SOUTH ALONG SR 739 TO MARK ON THE LEFT.

Field Location Sketch

LEGEND:
FDOT = FLORIDA DEPARTMENT OF TRANSPORTATION
SWK = SIDEWALK

Florida Department of Transportation District One
Vertical Control Data Sheet

DATUM
NGVD 1929 X
NAVD 1988 X

Monument Name or Designation: P 557 Elevation Feet: 3.85'
State Road No.: 739 County: LEE
Section: 11 Township: 44 S Range: 24 E Roadway Section I.D.: 12001-000
Establishing Firm: ECHO UES, INC. Field Book No.: 504696
Established: 12/03/2021 Financial Project ID:
State Plane Coordinates: N (Y): = 847,974 E (X): = 695,511
(Nearest Foot) STA.: 153+84 OFF.: 75' RT.
Description of Monument: FOUND Poured CONCRETE MONUMENT WITH BRASS FDOT DISK STAMPED "P557 2002"

Distance and Direction from Nearest Intersection: FROM THE INTERSECTION OF SR 739 (BUSINESS US 41/ N TAMAMI TRAIL) AND SR 78 (BAYSHORE BOULEVARD) TRAVEL 1.13 MILES SOUTH ALONG SR 739 TO MARK ON THE LEFT.

Field Location Sketch

LEGEND:
FDEP = FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SWK = SIDEWALK

Florida Department of Transportation District One
Vertical Control Data Sheet

DATUM
NGVD 1929 X
NAVD 1988 X

Monument Name or Designation: BM 133 Elevation Feet: 5.12'
State Road No.: 739 County: LEE
Section: 11 Township: 44 S Range: 24 E Roadway Section I.D.: 12001-000
Establishing Firm: ECHO UES, INC. Field Book No.: 504696
Established: 12/03/2021 Financial Project ID:
State Plane Coordinates: N (Y): = 846,160 E (X): = 696,626
(Nearest Foot) STA.: 132+56 OFF.: 67' RT.
Base Line Station and Offset: SET 4"x4" CONCRETE MONUMENT WITH ALUMINUM FDOT DISK

Distance and Direction from Nearest Intersection: FROM THE INTERSECTION OF SR 739 (BUSINESS US 41/ N TAMAMI TRAIL) AND SR 78 (BAYSHORE BOULEVARD) TRAVEL 1.53 MILES SOUTH ALONG SR 739 TO MARK ON THE LEFT.

Field Location Sketch

LEGEND:
FDOT = FLORIDA DEPARTMENT OF TRANSPORTATION
SWK = SIDEWALK

Florida Department of Transportation District One
Vertical Control Data Sheet

DATUM
NGVD 1929 X
NAVD 1988 X

Monument Name or Designation: BM 153A Elevation Feet: 5.50'
State Road No.: 739 County: LEE
Section: 11 Township: 44 S Range: 24 E Roadway Section I.D.: 12001-000
Establishing Firm: ECHO UES, INC. Field Book No.: 504696
Established: 12/03/2021 Financial Project ID:
State Plane Coordinates: N (Y): = 847,889 E (X): = 695,558
(Nearest Foot) STA.: 152+88 OFF.: 70' RT.
Description of Monument: FOUND 4"x4" CONCRETE MONUMENT WITH BRASS FDOT DISK STAMPED "153A"

Distance and Direction from Nearest Intersection: FROM THE INTERSECTION OF SR 739 (BUSINESS US 41/ N TAMAMI TRAIL) AND SR 78 (BAYSHORE BOULEVARD) TRAVEL 1.14 MILES SOUTH ALONG SR 739 TO MARK ON THE LEFT.

Field Location Sketch

LEGEND:
FDOT = FLORIDA DEPARTMENT OF TRANSPORTATION
SWK = SIDEWALK

Florida Department of Transportation District One
Vertical Control Data Sheet

DATUM
NGVD 1929 X
NAVD 1988 X

Monument Name or Designation: BM 163 Elevation Feet: 4.83'
State Road No.: 739 County: LEE
Section: 2 Township: 44 S Range: 24 E Roadway Section I.D.: 12001-000
Establishing Firm: ECHO UES, INC. Field Book No.: 504696
Established: 12/03/2021 Financial Project ID:
State Plane Coordinates: N (Y): = 848,665 E (X): = 694,915
(Nearest Foot) STA.: 162+86 OFF.: 67' LT.
Description of Monument: SET 4"x4" CONCRETE MONUMENT WITH ALUMINUM FDOT DISK

Distance and Direction from Nearest Intersection: FROM THE INTERSECTION OF SR 739 (BUSINESS US 41/ N TAMAMI TRAIL) AND SR 78 (BAYSHORE BOULEVARD) TRAVEL 1.13 MILES SOUTH ALONG SR 739 TO MARK ON THE RIGHT.

Field Location Sketch

LEGEND:
FDOT = FLORIDA DEPARTMENT OF TRANSPORTATION
SWK = SIDEWALK

GENERAL NOTES:

- BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- 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:

MICHAEL W. PATTERSON, P.S.M.
P.S.M. No: 65602
ECHO UES, Inc.
4803 GEORGE ROAD, SUITE 350
TAMPA, FL 33634

- ALL EXISTING DRAINAGE STRUCTURES AND PIPES ARE TO REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.
- COORDINATE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEMS (NPDES) DEWATERING ACTIVITIES THROUGH THE PROJECT ENGINEER, DISTRICT CONTAMINATION IMPACT COORDINATOR, AND CONTAMINATION ASSESSMENT & REMEDIATION CONTRACTOR TO ENSURE COMPLIANCE WITH THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND WATER MANAGEMENT DISTRICT. SEE CONTAMINATION MEMORANDUM.

PAY ITEM NOTES:

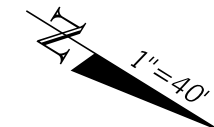
- PAY ITEM 570-1-2 PERFORMANCE TURF SOD INCLUDES THE COST OF THE 6" FINISH SOIL LAYER.

FDM REFERENCE TABLE		
KEY SHEET	910	
SIGNATURE SHEET	910	
TYPICAL SECTIONS	913	
DRAINAGE DETAILS	916	
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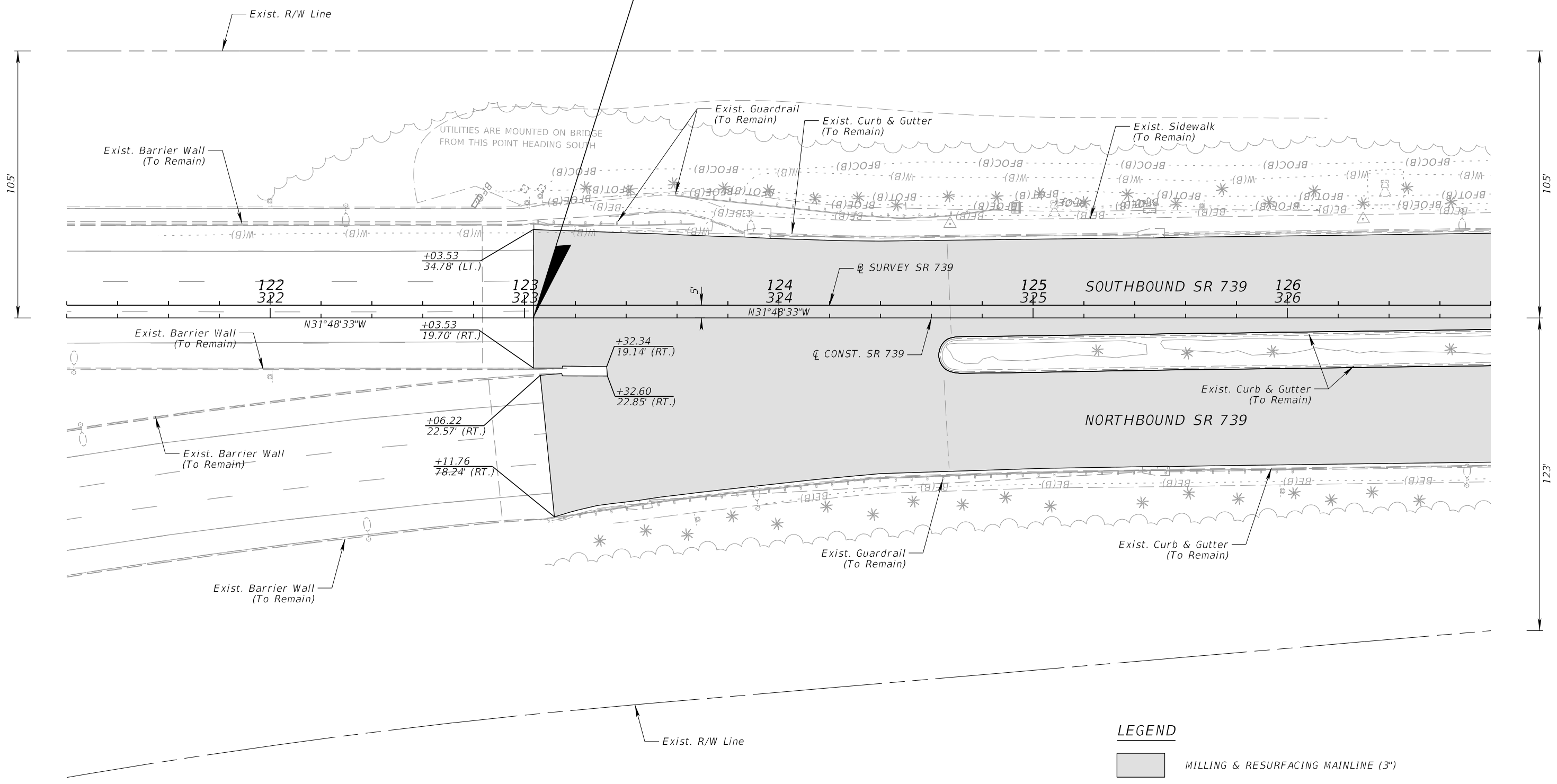
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		11
						SR 739	LEE		

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



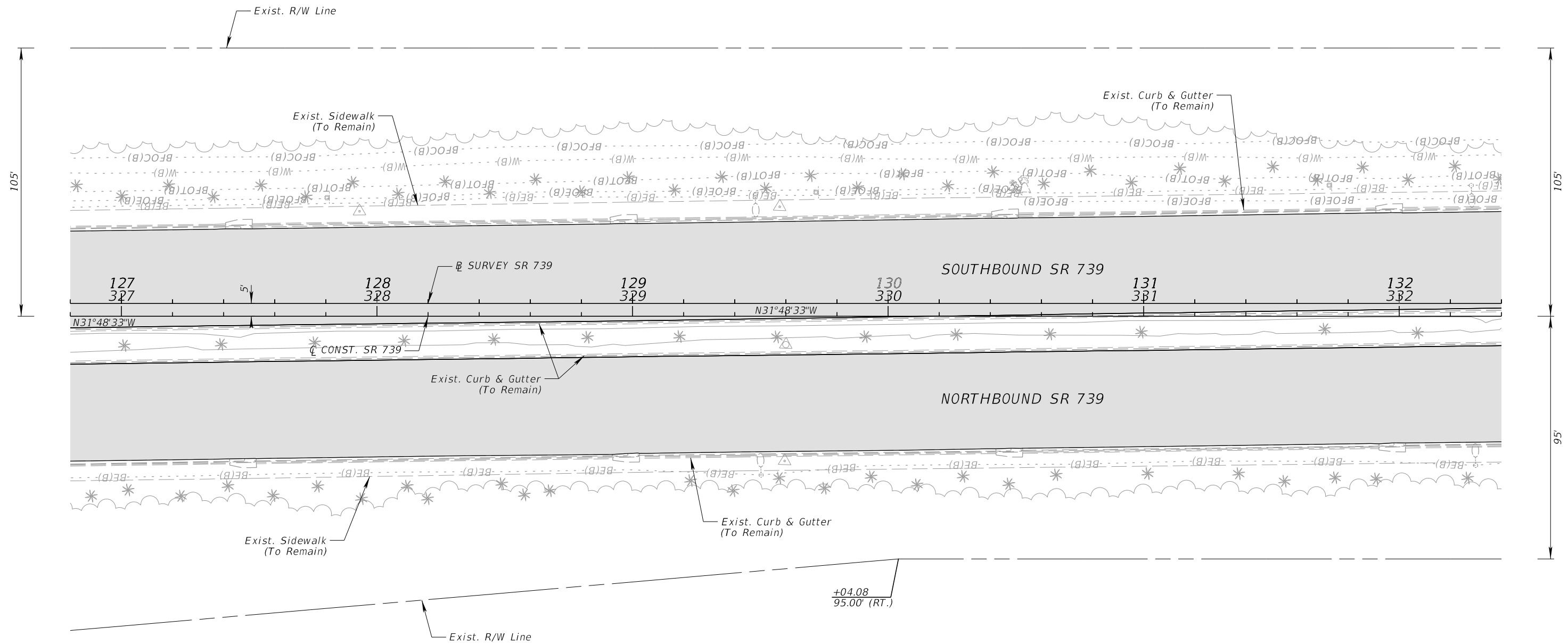
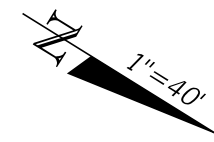
BEGIN PROJECT
 BEGIN CONSTRUCTION
 STA. 323+03.53
 C CONST. =
 STA. 123+03.45, 5.00' (RT)
 SURVEY SR 739



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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		SR 739	LEE	446293-1-52-01	12
ROADWAY PLAN (1)									



LEGEND

MILLING & RESURFACING MAINLINE (3')

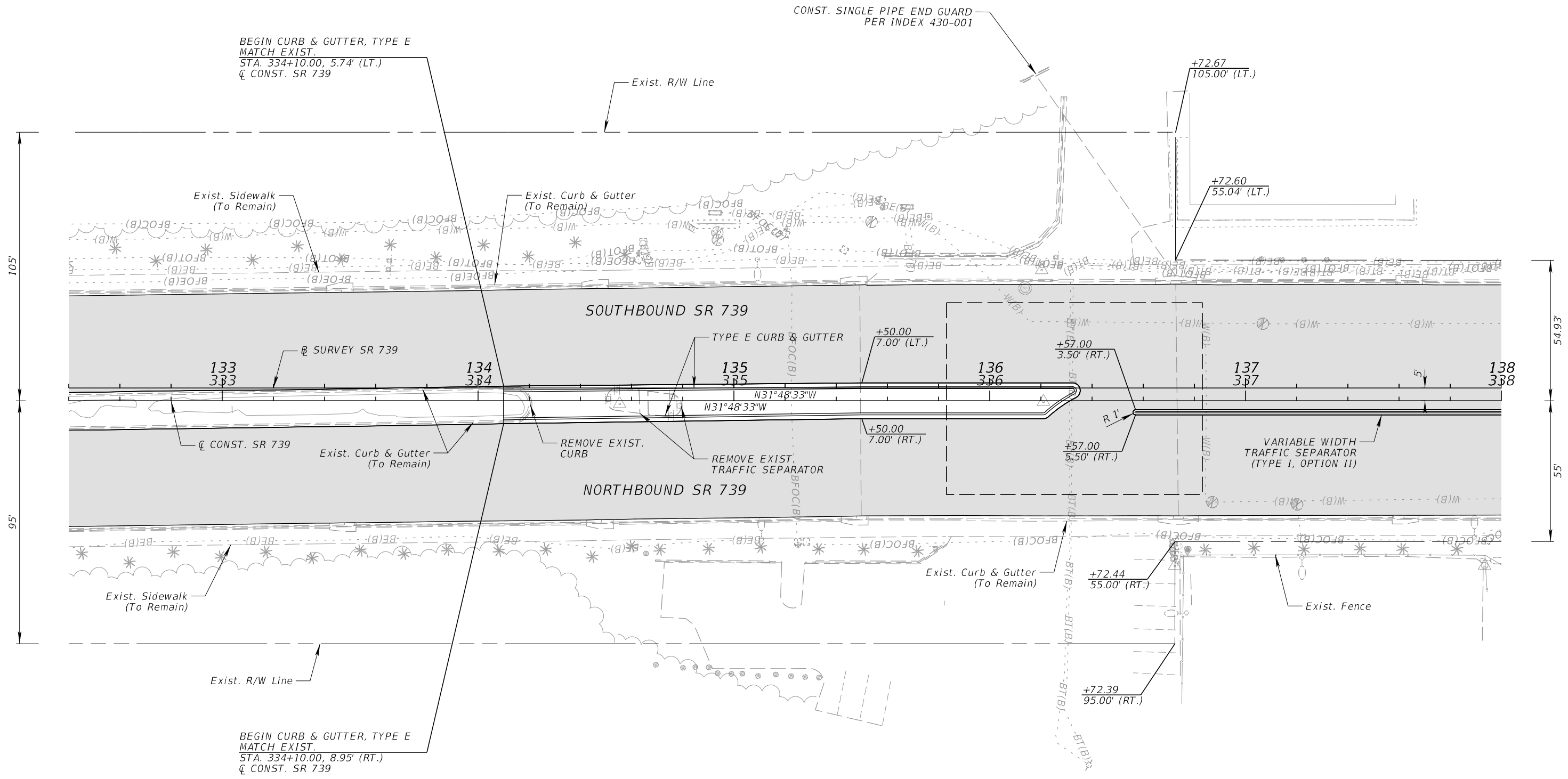
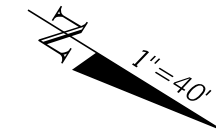
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 739	LEE	446293-1-52-01	13

ROADWAY PLAN (2)

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FOR ADDITIONAL INFORMATION
SEE SPECIAL DETAILS SHEET



LEGEND

MILLING & RESURFACING MAINLINE (3')

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
LIZETTE MARTINEZ, P.E.
LICENSE NUMBER: 78631
AVANT ENGINEERING GROUP, LLC
2699 LEE ROAD, SUITE 401
WINTER PARK, FL 32789

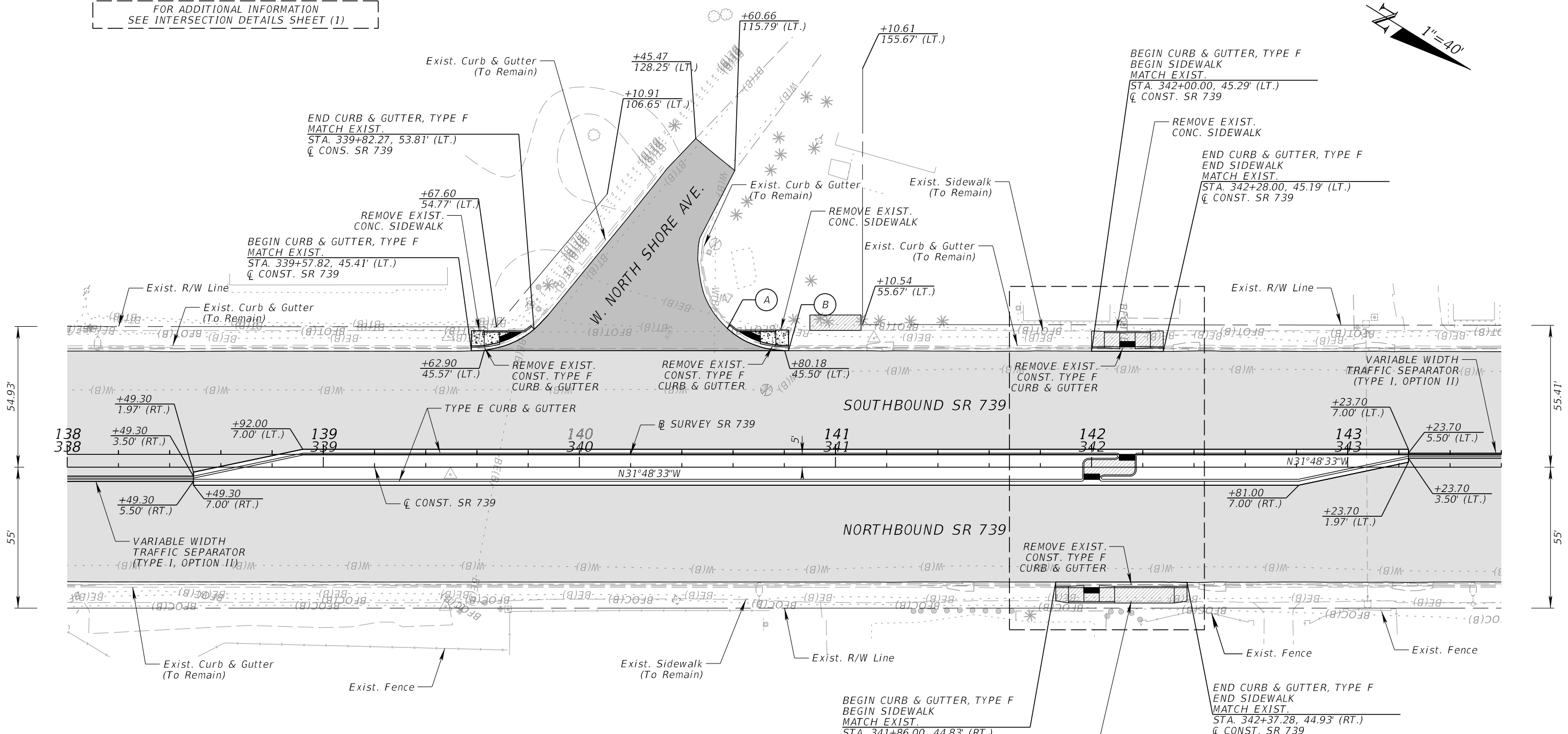
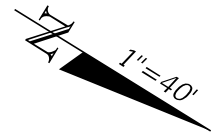
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 739	LEE	446293-1-52-01

ROADWAY PLAN (3)

SHEET NO.
14

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FOR ADDITIONAL INFORMATION
SEE INTERSECTION DETAILS SHEET (1)



- (A) BEGIN CURB & GUTTER, TYPE F
MATCH EXIST.
STA. 340+57.76, 54.19' (LT.)
☐ CONST. SR 739
- (B) END CURB & GUTTER, TYPE F
MATCH EXIST.
STA. 340+81.69, 45.49' (LT.)
☐ CONST. SR 739

LEGEND

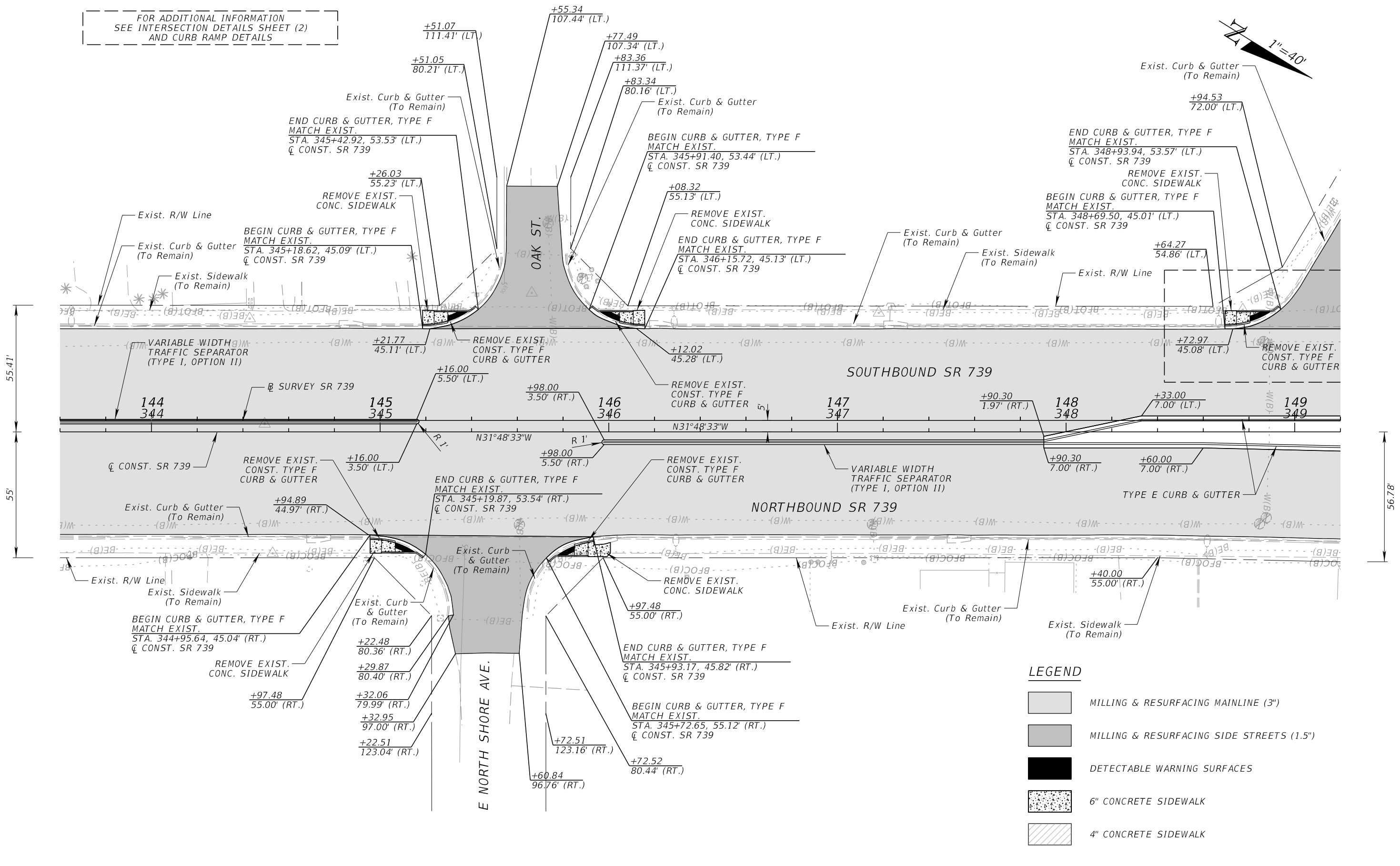
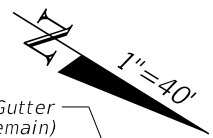
- MILLING & RESURFACING MAINLINE (3")
- MILLING & RESURFACING SIDE STREETS (1.5")
- DETECTABLE WARNING SURFACES
- 6" CONCRETE SIDEWALK
- 4" CONCRETE SIDEWALK

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (4)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		15
								SR 739		

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FOR ADDITIONAL INFORMATION
SEE INTERSECTION DETAILS SHEET (2)
AND CURB RAMP DETAILS



LEGEND

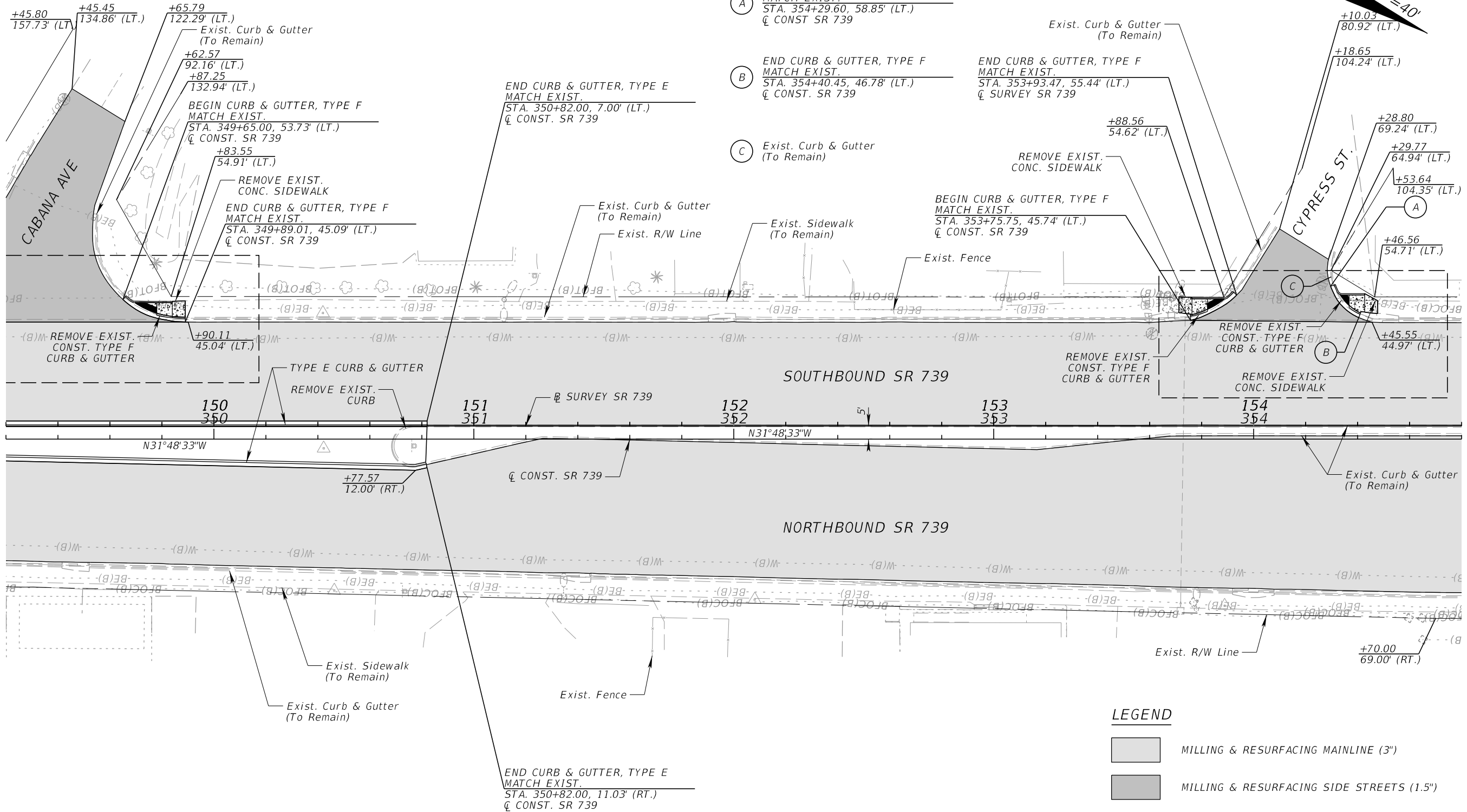
- MILLING & RESURFACING MAINLINE (3")
- MILLING & RESURFACING SIDE STREETS (1.5")
- DETECTABLE WARNING SURFACES
- 6" CONCRETE SIDEWALK
- 4" CONCRETE SIDEWALK

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		SR 739	LEE	446293-1-52-01	ROADWAY PLAN (5) 16

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FOR ADDITIONAL INFORMATION
SEE CURB RAMP DETAILS SHEET



- (A) BEGIN CURB & GUTTER, TYPE F
MATCH EXIST.
STA. 354+29.60, 58.85' (LT.)
C CONST. SR 739
- (B) END CURB & GUTTER, TYPE F
MATCH EXIST.
STA. 354+40.45, 46.78' (LT.)
C CONST. SR 739
- (C) Exist. Curb & Gutter
(To Remain)

LEGEND

- MILLING & RESURFACING MAINLINE (3")
- MILLING & RESURFACING SIDE STREETS (1.5")
- DETECTABLE WARNING SURFACES
- 6" CONCRETE SIDEWALK
- 4" CONCRETE SIDEWALK

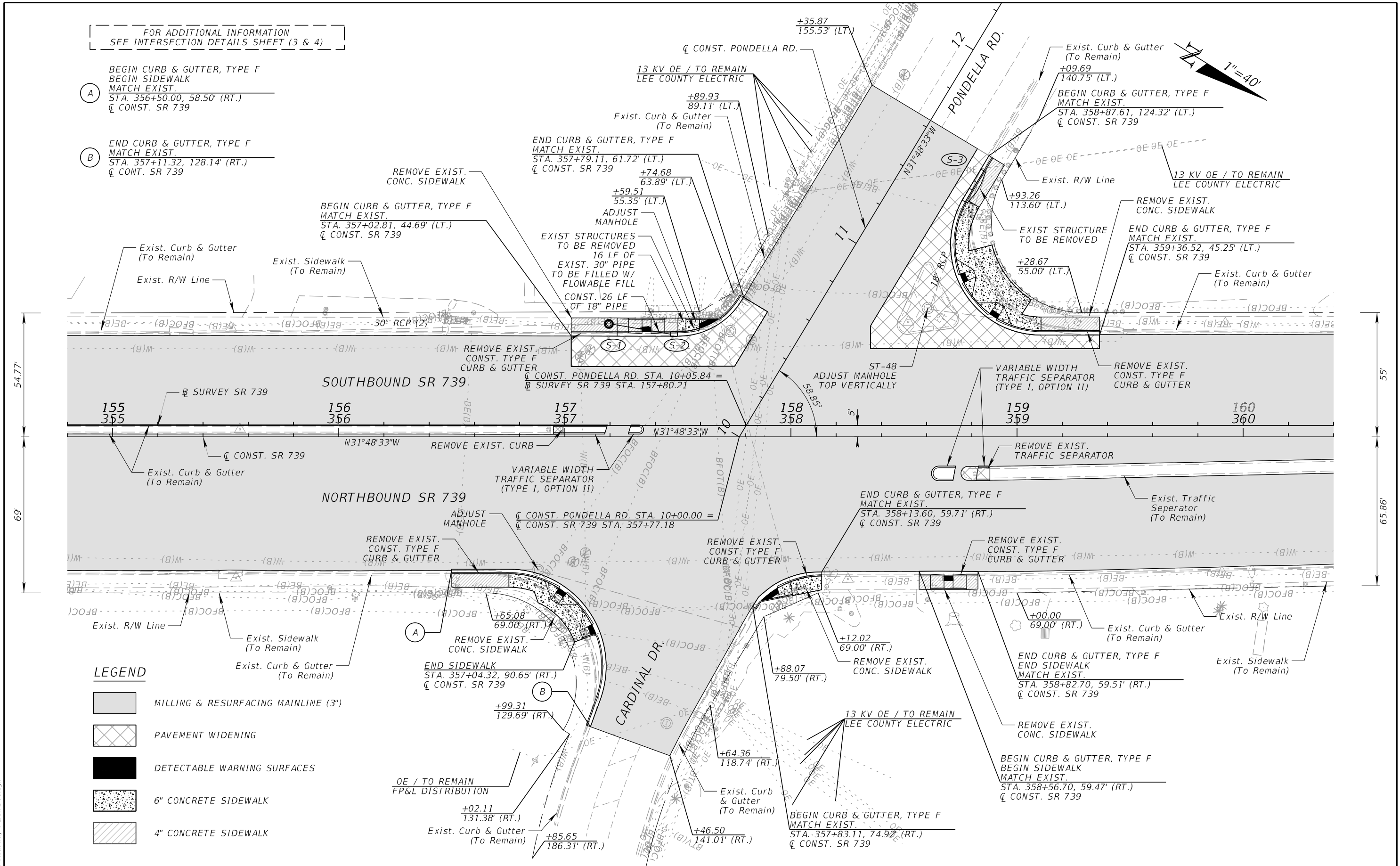
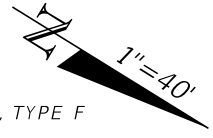
5/16/2023 4:53:19 PM NajamHassan P:\FDOT\44629315201.Roadway\PLAN\RD01.dgn

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 739	LEE	446293-1-52-01	
ROADWAY PLAN (6)								17	

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

FOR ADDITIONAL INFORMATION
SEE INTERSECTION DETAILS SHEET (3 & 4)

- (A) BEGIN CURB & GUTTER, TYPE F
BEGIN SIDEWALK
MATCH EXIST.
STA. 356+50.00, 58.50' (RT.)
☐ CONST. SR 739
- (B) END CURB & GUTTER, TYPE F
MATCH EXIST.
STA. 357+11.32, 128.14' (RT.)
☐ CONT. SR 739



- LEGEND**
- MILLING & RESURFACING MAINLINE (3")
 - PAVEMENT WIDENING
 - DETECTABLE WARNING SURFACES
 - 6" CONCRETE SIDEWALK
 - 4" CONCRETE SIDEWALK

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
								SR 739	LEE

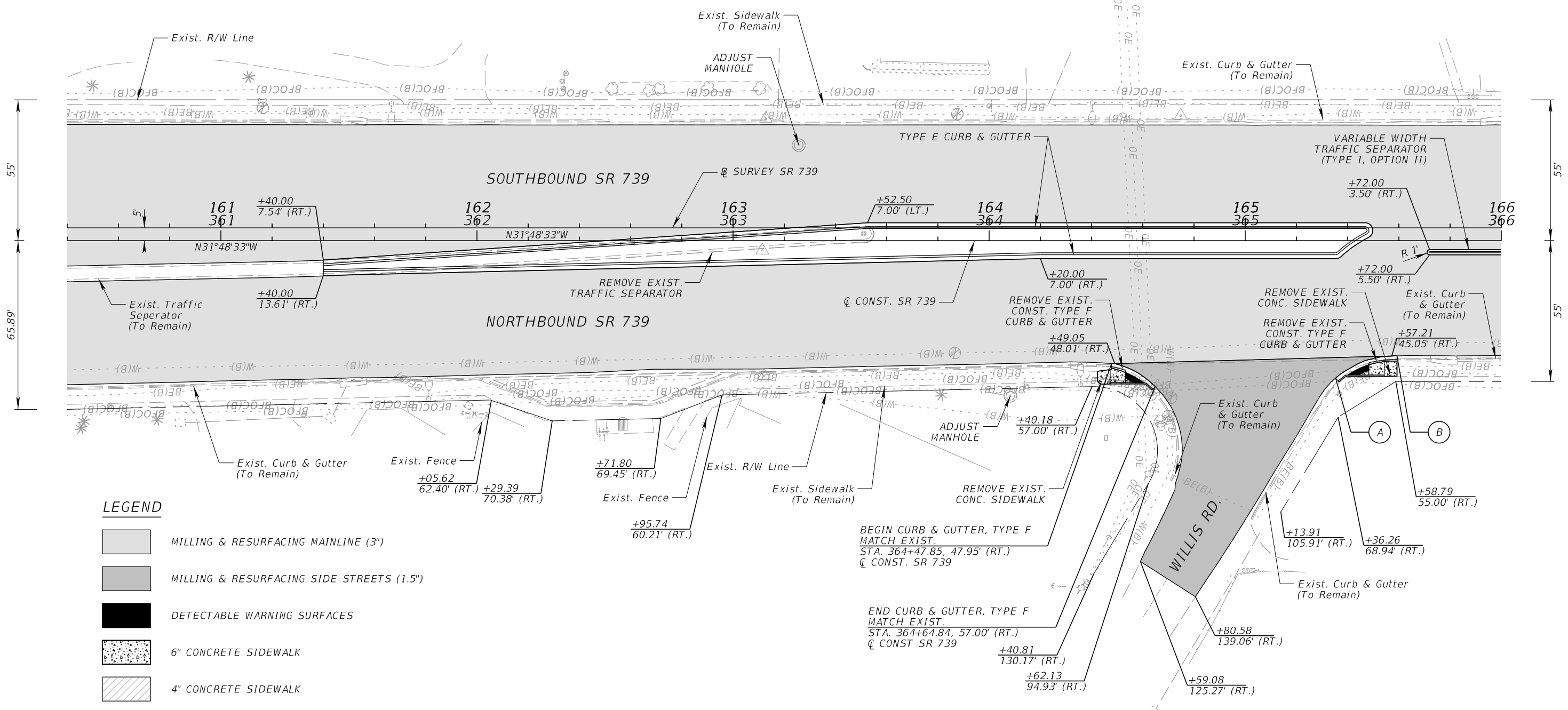
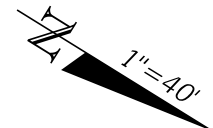
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.






FOR ADDITIONAL INFORMATION
SEE INTERSECTION DETAILS SHEET (5)

(A) BEGIN CURB & GUTTER, TYPE F
MATCH EXIST.
STA. 365+35.28, 53.64' (RT.)
☉ CONST. SR 739

(B) END CURB & GUTTER, TYPE F
MATCH EXIST.
STA. 365+59.30, 44.98' (RT.)
☉ CONST. SR 739



LEGEND

-  MILLING & RESURFACING MAINLINE (3")
-  MILLING & RESURFACING SIDE STREETS (1.5")
-  DETECTABLE WARNING SURFACES
-  6" CONCRETE SIDEWALK
-  4" CONCRETE SIDEWALK

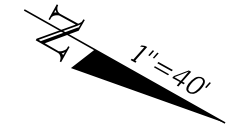
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 739	LEE	446293-1-52-01	
ROADWAY PLAN (8)								19	

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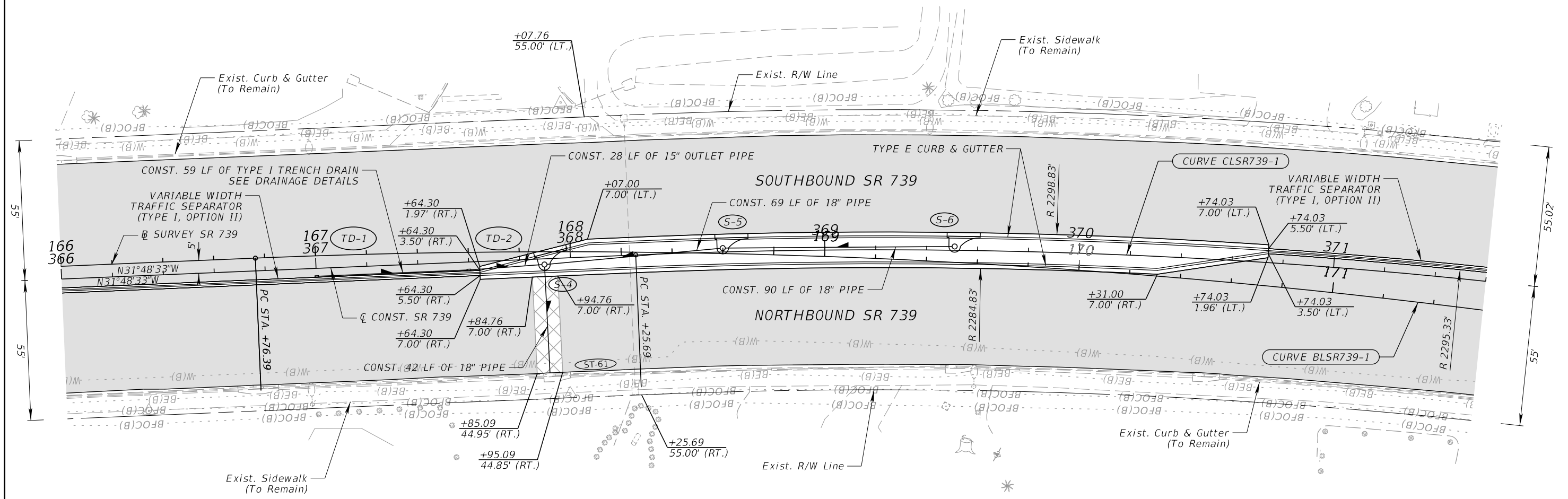
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

CURVE DATA BLSR739-1
 PI STA. = 174+78.05
 Δ = 31°16'00" (RT)
 D = 02°00'00"
 T = 801.66
 L = 1,563.33
 R = 2,864.79
 PC STA. = 166+76.39
 PT STA. = 182+39.72
 e = 0.037

CURVE DATA CLSR739-1
 PI STA. = 374+67.02
 Δ = 31°16'00" (RT)
 D = 02°30'00"
 T = 641.33
 L = 1,250.67
 R = 2,291.83
 PC STA. = 368+25.69
 PT STA. = 380+76.36
 e = RC



0.0000



LEGEND

- MILLING & RESURFACING MAINLINE (3")
- MILLING & RESURFACING SIDE STREETS (1.5")
- PAVEMENT WIDENING

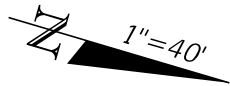
EXISTING STRUCTURES INFORMATION:

ST-61
 CURB INLET (2)
 GRATE ELEV. AT E.P. = 4.92'
 THROAT ELEV. = 4.51'
 SE 36" RCP PER FINAL PLAN STATE PROJ.
 12001-3516 PG. 25
 NW 42" RCP PER FINAL STATE PROJ.
 12001-3516 PG. 25

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		SR 739	LEE	446293-1-52-01	ROADWAY PLAN (9) 20

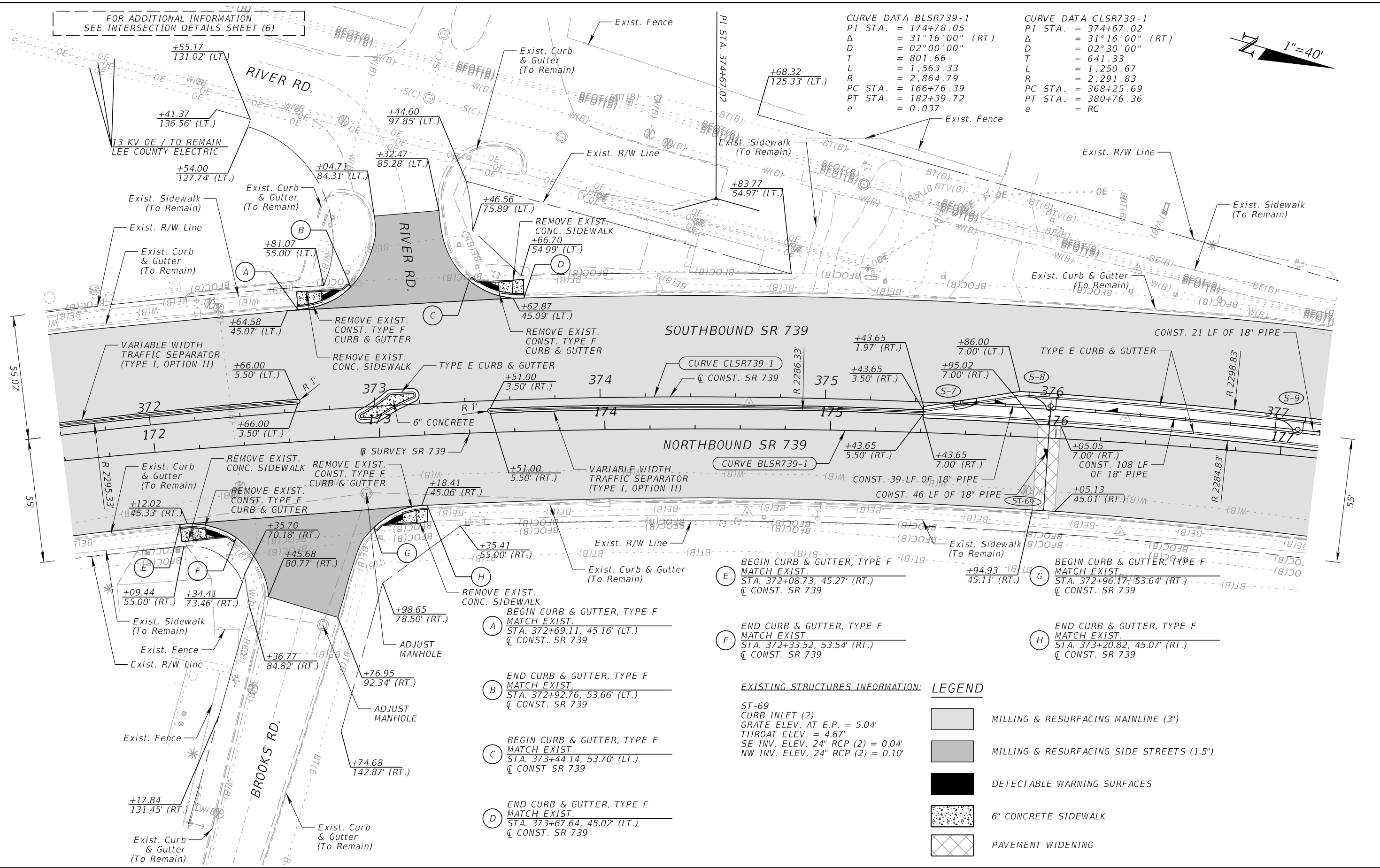
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



CURVE DATA BLSR739-1
 PI STA. = 174+78.05
 Δ = 31°16'00" (RT)
 D = 02°00'00"
 T = 801.66
 L = 1,563.33
 R = 2,864.79
 PC STA. = 166+76.39
 PT STA. = 182+39.72
 e = 0.037

CURVE DATA CLSR739-1
 PI STA. = 374+67.02
 Δ = 31°16'00" (RT)
 D = 02°30'00"
 T = 641.33
 L = 1,250.67
 R = 2,291.83
 PC STA. = 368+25.69
 PT STA. = 380+76.36
 e = RC

FOR ADDITIONAL INFORMATION
 SEE INTERSECTION DETAILS SHEET (6)



- (A) BEGIN CURB & GUTTER, TYPE F MATCH EXIST.
STA. 372+92.76, 53.66' (LT.)
Q CONST. SR 739
- (B) END CURB & GUTTER, TYPE F MATCH EXIST.
STA. 372+92.76, 53.66' (LT.)
Q CONST. SR 739
- (C) BEGIN CURB & GUTTER, TYPE F MATCH EXIST.
STA. 373+44.14, 53.70' (LT.)
Q CONST. SR 739
- (D) END CURB & GUTTER, TYPE F MATCH EXIST.
STA. 373+67.64, 45.02' (LT.)
Q CONST. SR 739

- (E) BEGIN CURB & GUTTER, TYPE F MATCH EXIST.
STA. 372+08.73, 45.27' (RT.)
Q CONST. SR 739
- (F) END CURB & GUTTER, TYPE F MATCH EXIST.
STA. 372+33.52, 53.54' (RT.)
Q CONST. SR 739

- (G) BEGIN CURB & GUTTER, TYPE F MATCH EXIST.
STA. 372+96.17, 53.64' (RT.)
Q CONST. SR 739
- (H) END CURB & GUTTER, TYPE F MATCH EXIST.
STA. 373+20.82, 45.07' (RT.)
Q CONST. SR 739

EXISTING STRUCTURES INFORMATION: LEGEND

- ST-69 CURB INLET (2)
GRATE ELEV. AT E.P. = 5.04'
THROAT ELEV. = 4.67'
SE INV. ELEV. 24" RCP (2) = 0.04'
NW INV. ELEV. 24" RCP (2) = 0.10'
- MILLING & RESURFACING MAINLINE (3")
- MILLING & RESURFACING SIDE STREETS (1.5")
- DETECTABLE WARNING SURFACES
- 6" CONCRETE SIDEWALK
- PAVEMENT WIDENING

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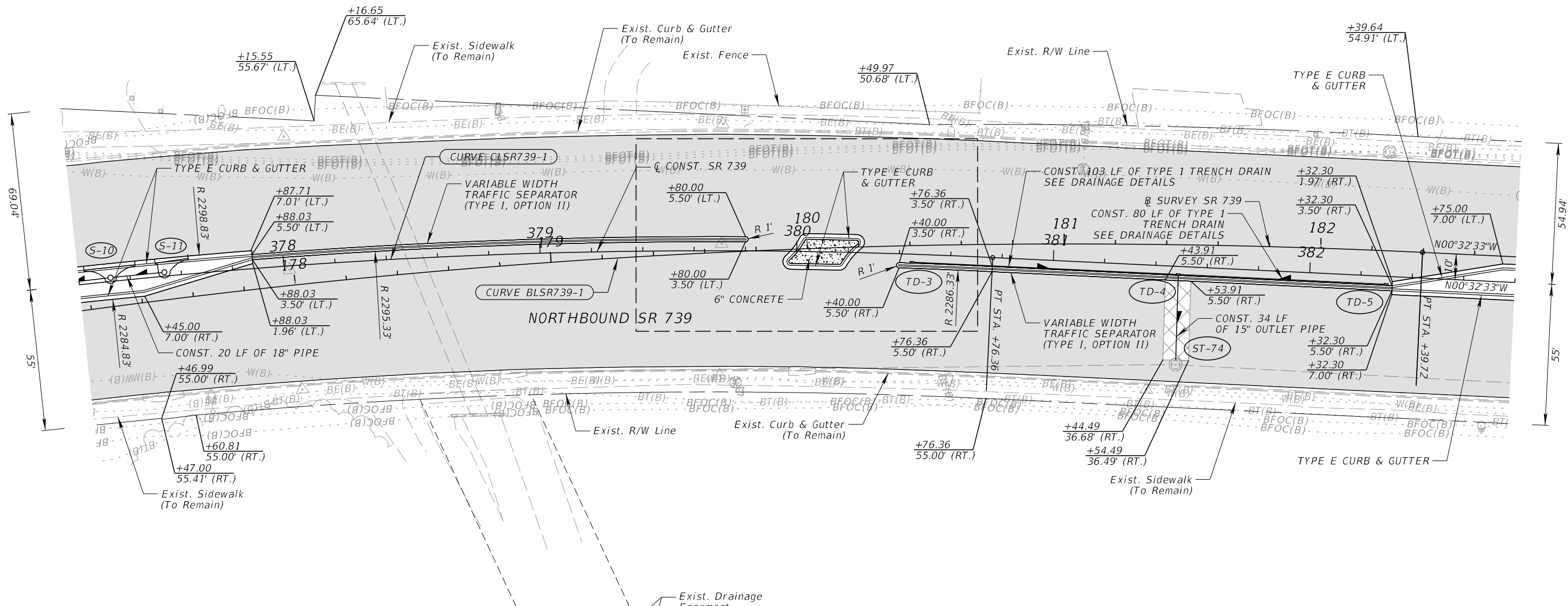
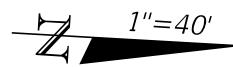
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 739	LEE	446293-152-01	ROADWAY PLAN (10) 21

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CURVE DATA BLSR739-1
 PI STA. = 174+78.05
 Δ = 31°16'00" (RT)
 D = 02°00'00"
 T = 801.66
 L = 1,563.33
 R = 2,864.79
 PC STA. = 166+76.39
 PT STA. = 182+39.72
 e = 0.037

CURVE DATA CLSR739-1
 PI STA. = 374+67.02
 Δ = 31°16'00" (RT)
 D = 02°30'00"
 T = 641.33
 L = 1,250.67
 R = 2,291.83
 PC STA. = 368+25.69
 PT STA. = 380+76.36
 e = RC

FOR ADDITIONAL INFORMATION
 SEE SPECIAL DETAILS SHEET



LEGEND

- MILLING & RESURFACING MAINLINE (3")
- MILLING & RESURFACING SIDE STREETS (1.5")
- PAVEMENT WIDENING

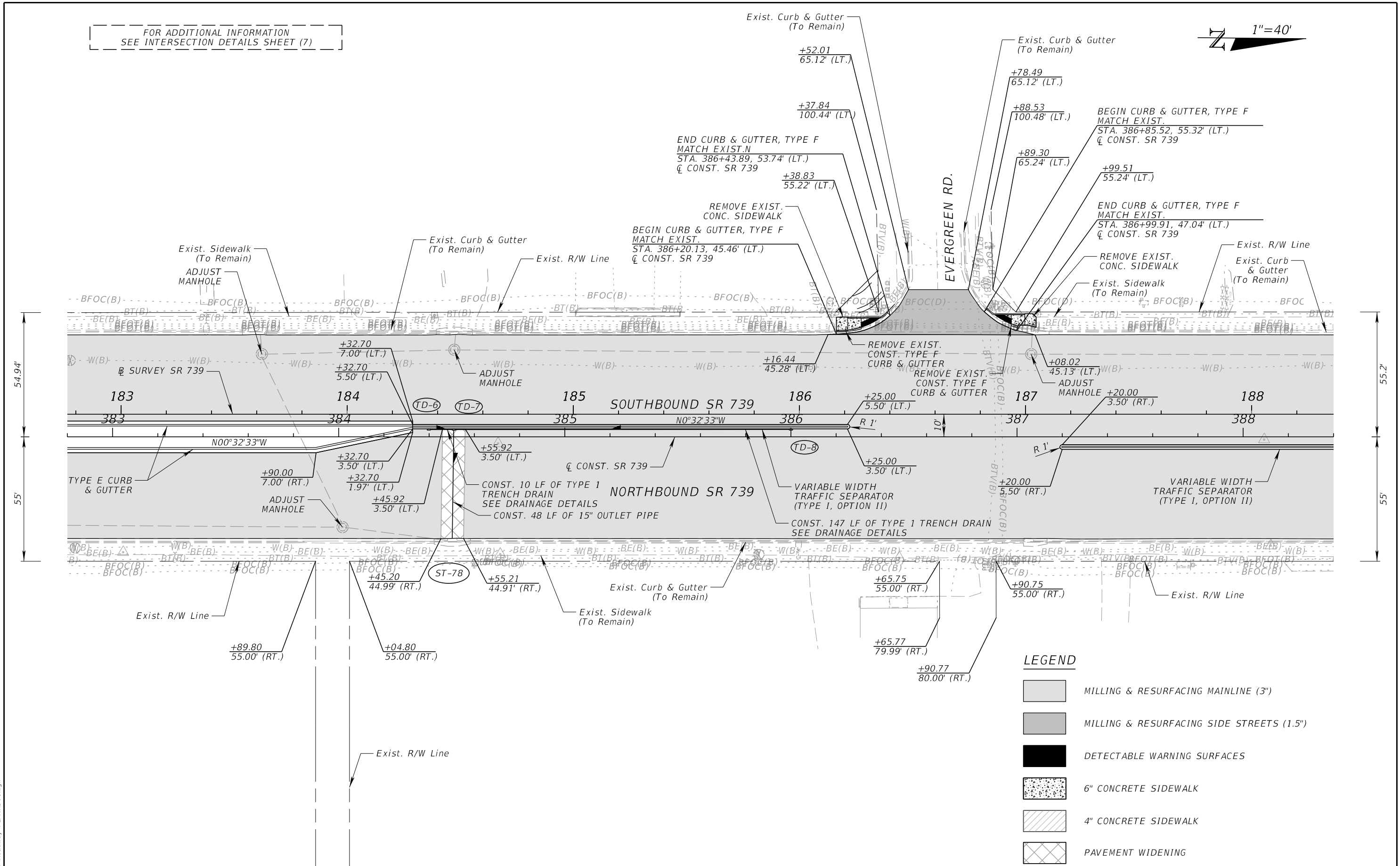
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REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789	SR 739	LEE	446293-1-52-01
ROADWAY PLAN (11)							22

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FOR ADDITIONAL INFORMATION
SEE INTERSECTION DETAILS SHEET (7)

1"=40'



LEGEND

- MILLING & RESURFACING MAINLINE (3")
- MILLING & RESURFACING SIDE STREETS (1.5")
- DETECTABLE WARNING SURFACES
- 6" CONCRETE SIDEWALK
- 4" CONCRETE SIDEWALK
- PAVEMENT WIDENING

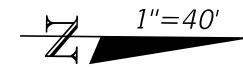
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		SR 739	LEE	446293-1-52-01	ROADWAY PLAN (12) 23

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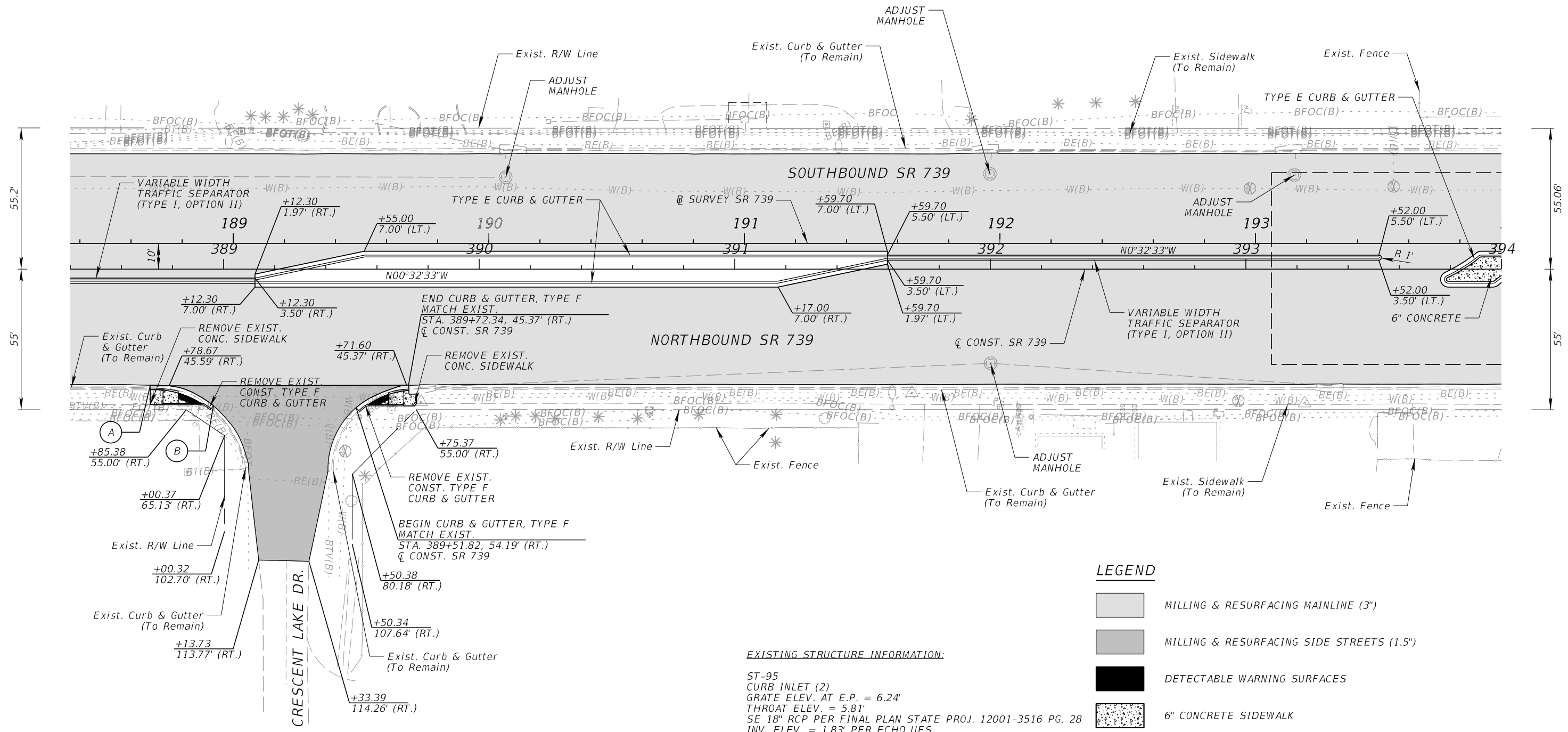
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

FOR ADDITIONAL INFORMATION
SEE INTERSECTION DETAILS SHEET (8)
AND SPECIAL DETAILS SHEET

(A) BEGIN CURB & GUTTER, TYPE F
MATCH EXIST.
STA. 388+71.30, 45.41' (RT.)
C CONST. SR 739



(B) END CURB & GUTTER, TYPE F
MATCH EXIST.
STA. 388+96.03, 53.43' (RT.)
C CONST. SR 739



LEGEND

- MILLING & RESURFACING MAINLINE (3")
- MILLING & RESURFACING SIDE STREETS (1.5")
- DETECTABLE WARNING SURFACES
- 6" CONCRETE SIDEWALK

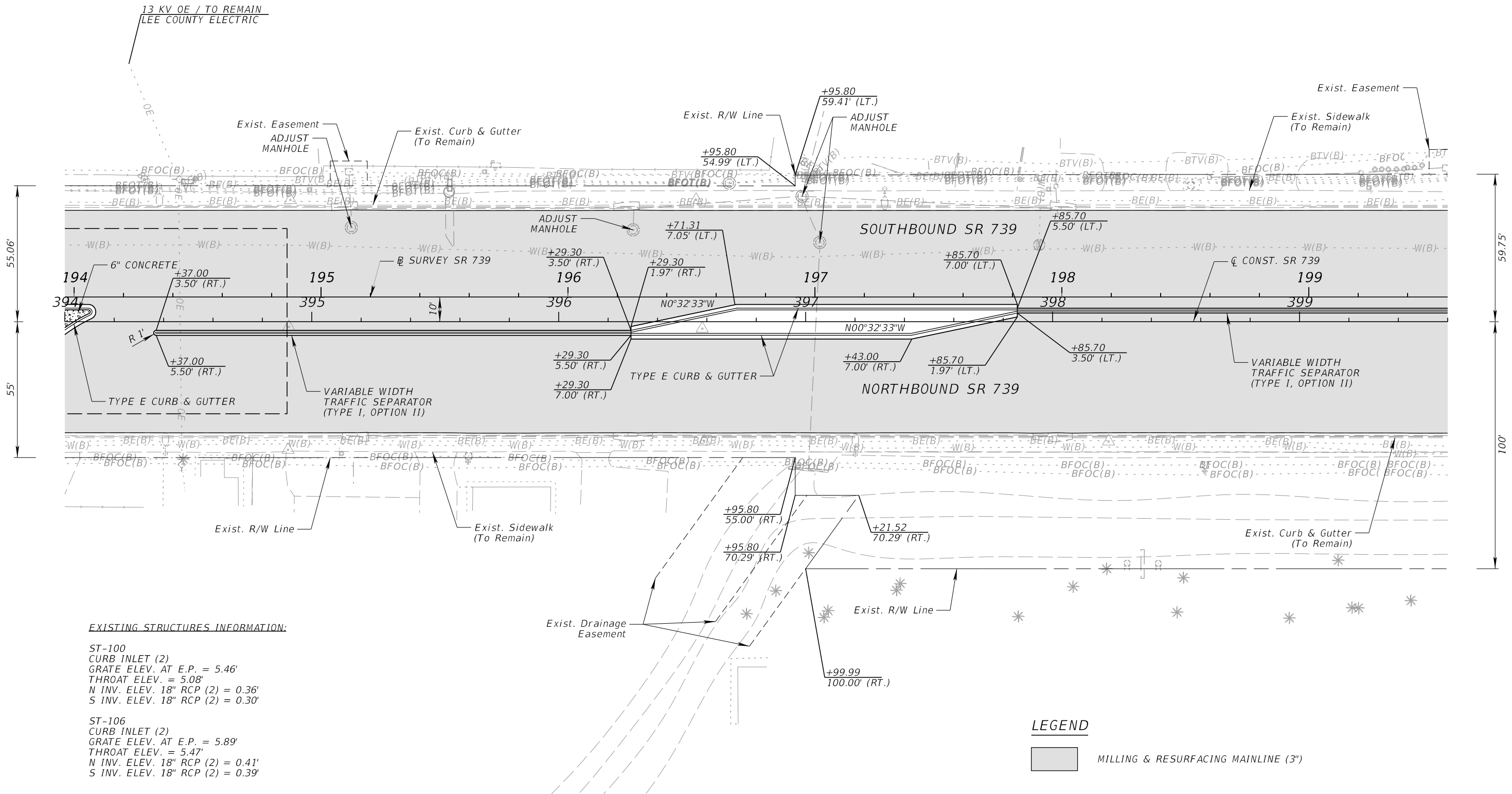
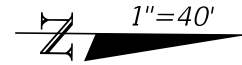
EXISTING STRUCTURE INFORMATION:
ST-95
CURB INLET (2)
GRATE ELEV. AT E.P. = 6.24'
THROAT ELEV. = 5.81'
SE 18" RCP PER FINAL PLAN STATE PROJ. 12001-3516 PG. 28
INV. ELEV. = 1.83' PER ECHO UES

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		SR 739	LEE	446293-1-52-01	24
ROADWAY PLAN (13)									

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FOR ADDITIONAL INFORMATION
SEE SPECIAL DETAILS SHEET



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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		SR 739	LEE	446293-1-52-01	25

ROADWAY PLAN (14)

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

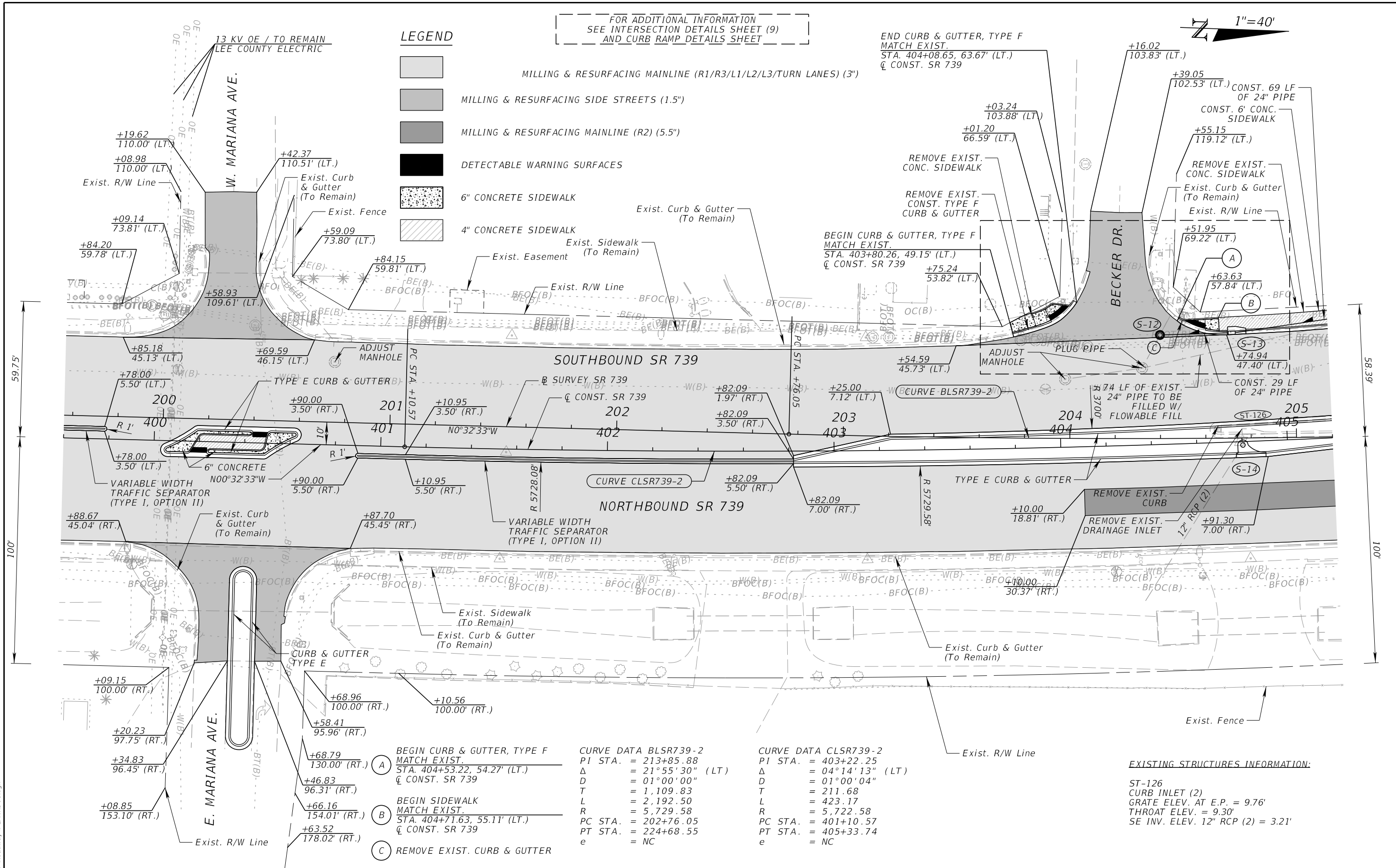
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FOR ADDITIONAL INFORMATION
SEE INTERSECTION DETAILS SHEET (9)
AND CURB RAMP DETAILS SHEET

1"=40'

LEGEND

- MILLING & RESURFACING MAINLINE (R1/R3/L1/L2/L3/TURN LANES) (3")
- MILLING & RESURFACING SIDE STREETS (1.5")
- MILLING & RESURFACING MAINLINE (R2) (5.5")
- DETECTABLE WARNING SURFACES
- 6" CONCRETE SIDEWALK
- 4" CONCRETE SIDEWALK



- (A) BEGIN CURB & GUTTER, TYPE F MATCH EXIST.
STA. 404+53.22, 54.27' (LT.)
& CONST. SR 739
- (B) BEGIN SIDEWALK MATCH EXIST.
STA. 404+71.63, 55.11' (LT.)
& CONST. SR 739
- (C) REMOVE EXIST. CURB & GUTTER

CURVE DATA BLSR739-2
PI STA. = 213+85.88
Δ = 21° 55' 30" (LT)
D = 01° 00' 00"
T = 1,109.83
L = 2,192.50
R = 5,729.58
PC STA. = 202+76.05
PT STA. = 224+68.55
e = NC

CURVE DATA CLSR739-2
PI STA. = 403+22.25
Δ = 04° 14' 13" (LT)
D = 01° 00' 04"
T = 211.68
L = 423.17
R = 5,722.58
PC STA. = 401+10.57
PT STA. = 405+33.74
e = NC

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (15)	SHEET NO. 26
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		SR 739	LEE	446293-1-52-01		

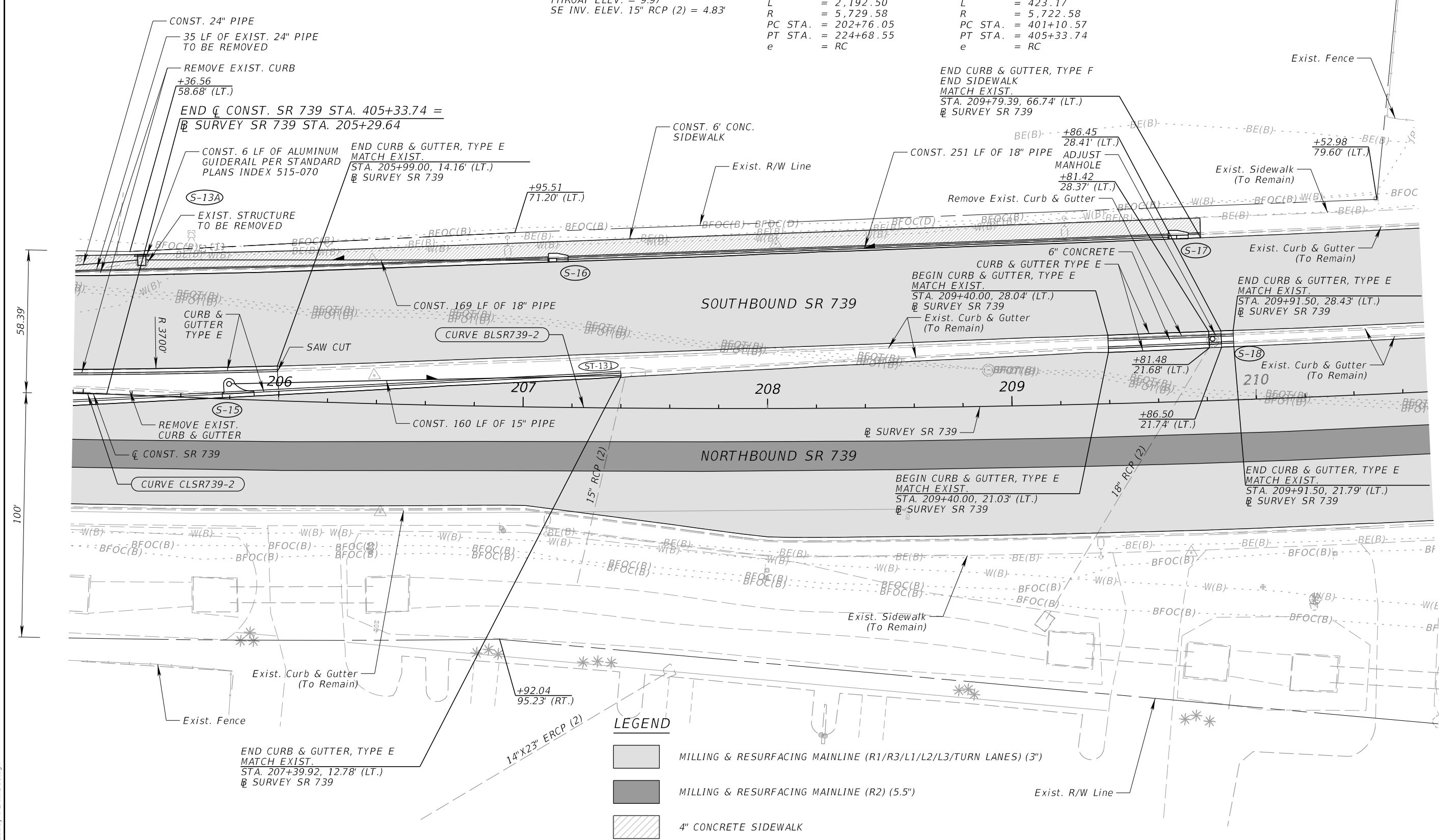
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

EXISTING STRUCTURES INFORMATION:

ST-131
CURB INLET (2)
GRATE ELEV. AT E.P. = 10.39'
THROAT ELEV. = 9.97'
SE INV. ELEV. 15" RCP (2) = 4.83'

CURVE DATA BLSR739-2
PI STA. = 213+85.88
 Δ = 21°55'30" (LT.)
D = 01°00'00"
T = 1,109.83
L = 2,192.50
R = 5,729.58
PC STA. = 202+76.05
PT STA. = 224+68.55
e = RC

CURVE DATA CLSR739-2
PI STA. = 403+22.25
 Δ = 04°14'13" (LT.)
D = 01°00'04"
T = 211.68
L = 423.17
R = 5,722.58
PC STA. = 401+10.57
PT STA. = 405+33.74
e = RC



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
LIZETTE MARTINEZ, P.E.
LICENSE NUMBER: 78631
AVANT ENGINEERING GROUP, LLC
2699 LEE ROAD, SUITE 401
WINTER PARK, FL 32789

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 739	LEE	446293-1-52-01

ROADWAY PLAN (16)

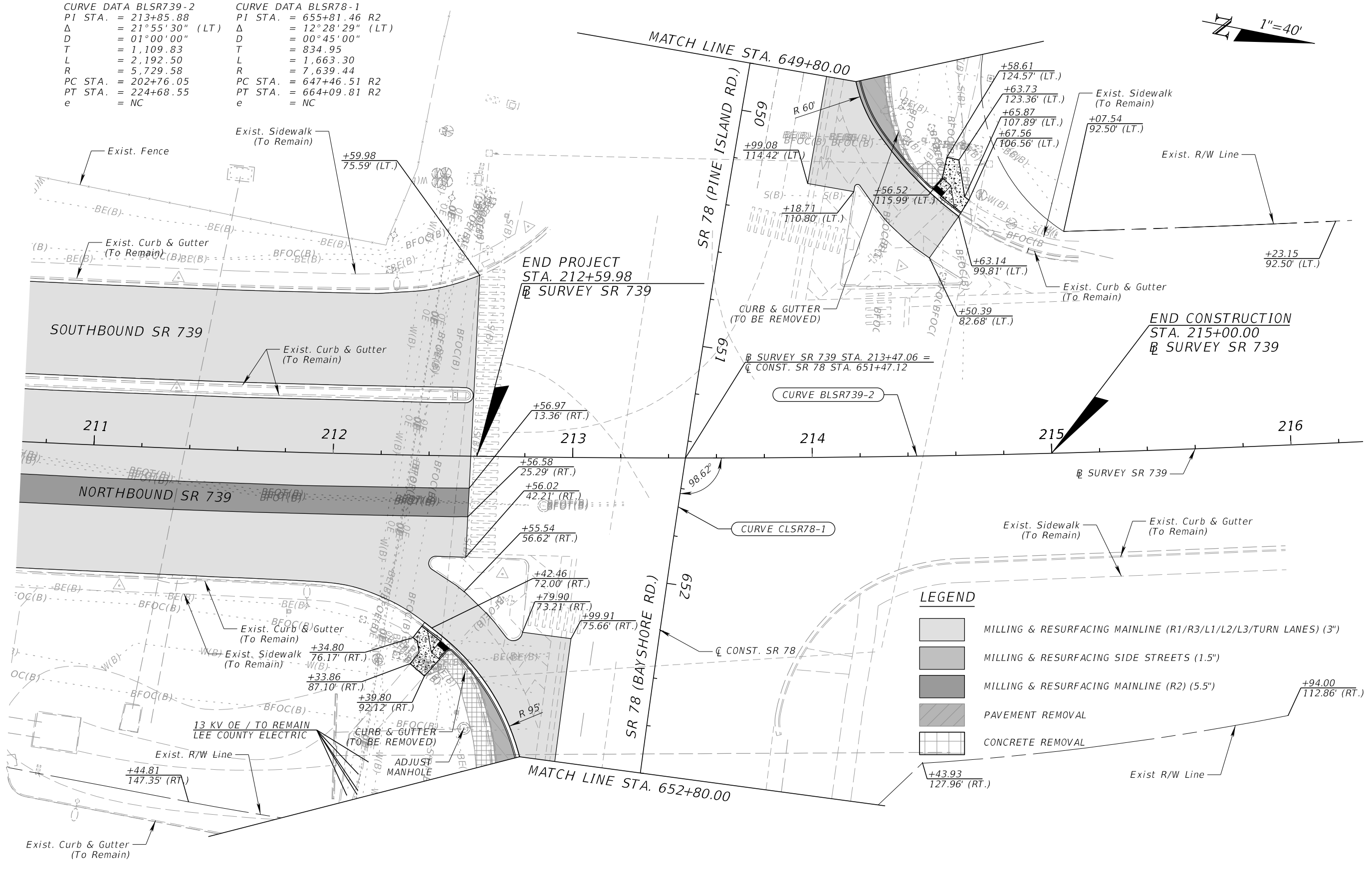
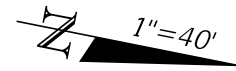
SHEET NO. 27

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CURVE DATA BLSR739-2
 PI STA. = 213+85.88
 Δ = 21°55'30" (LT)
 D = 01°00'00"
 T = 1,109.83
 L = 2,192.50
 R = 5,729.58
 PC STA. = 202+76.05
 PT STA. = 224+68.55
 e = NC

CURVE DATA BLSR78-1
 PI STA. = 655+81.46 R2
 Δ = 12°28'29" (LT)
 D = 00°45'00"
 T = 834.95
 L = 1,663.30
 R = 7,639.44
 PC STA. = 647+46.51 R2
 PT STA. = 664+09.81 R2
 e = NC



LEGEND

- MILLING & RESURFACING MAINLINE (R1/R3/L1/L2/L3/TURN LANES) (3")
- MILLING & RESURFACING SIDE STREETS (1.5")
- MILLING & RESURFACING MAINLINE (R2) (5.5")
- PAVEMENT REMOVAL
- CONCRETE REMOVAL

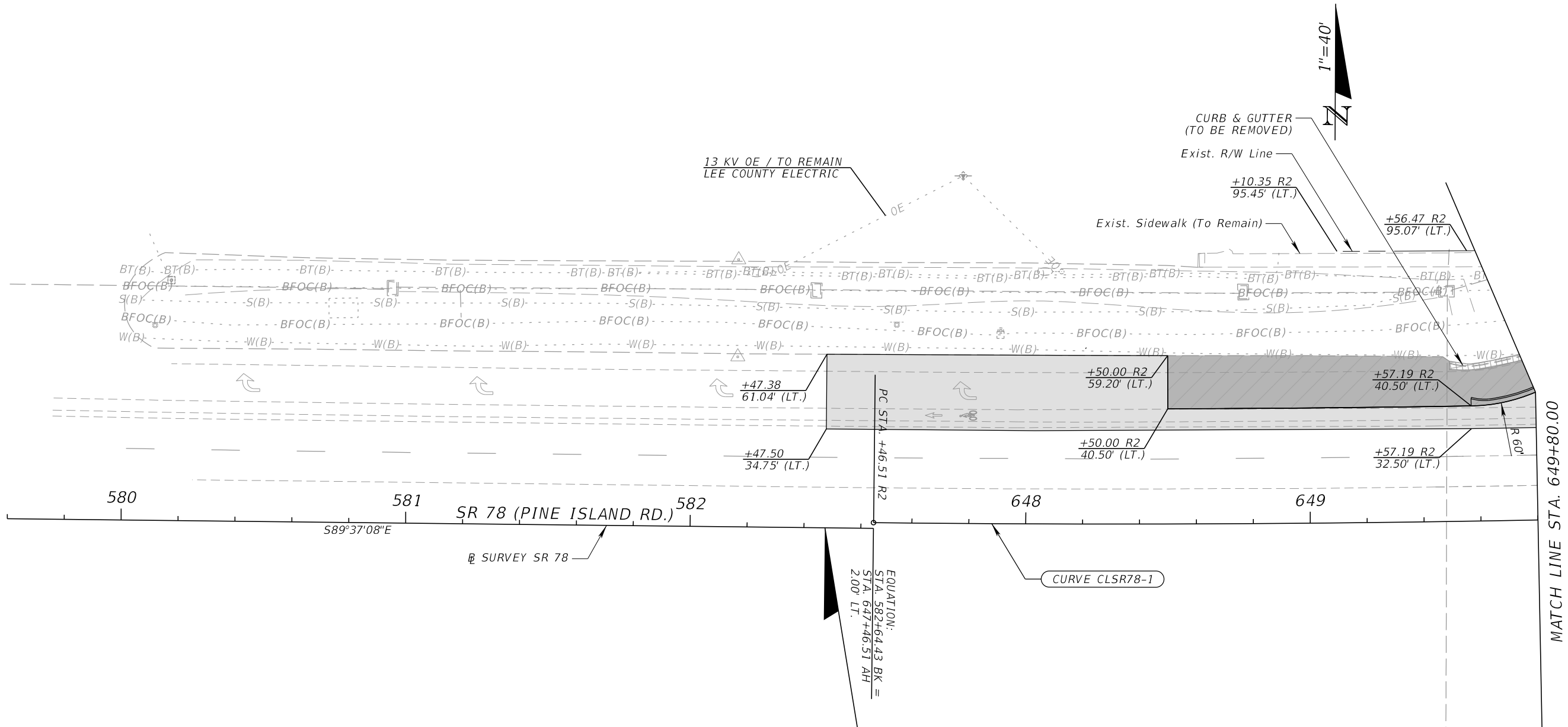
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		SR 739	LEE	446293-1-52-01	28
ROADWAY PLAN (17)									




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LEGEND

-  PAVEMENT REMOVAL
-  MILLING & RESURFACING (3.0")
-  CONCRETE REMOVAL

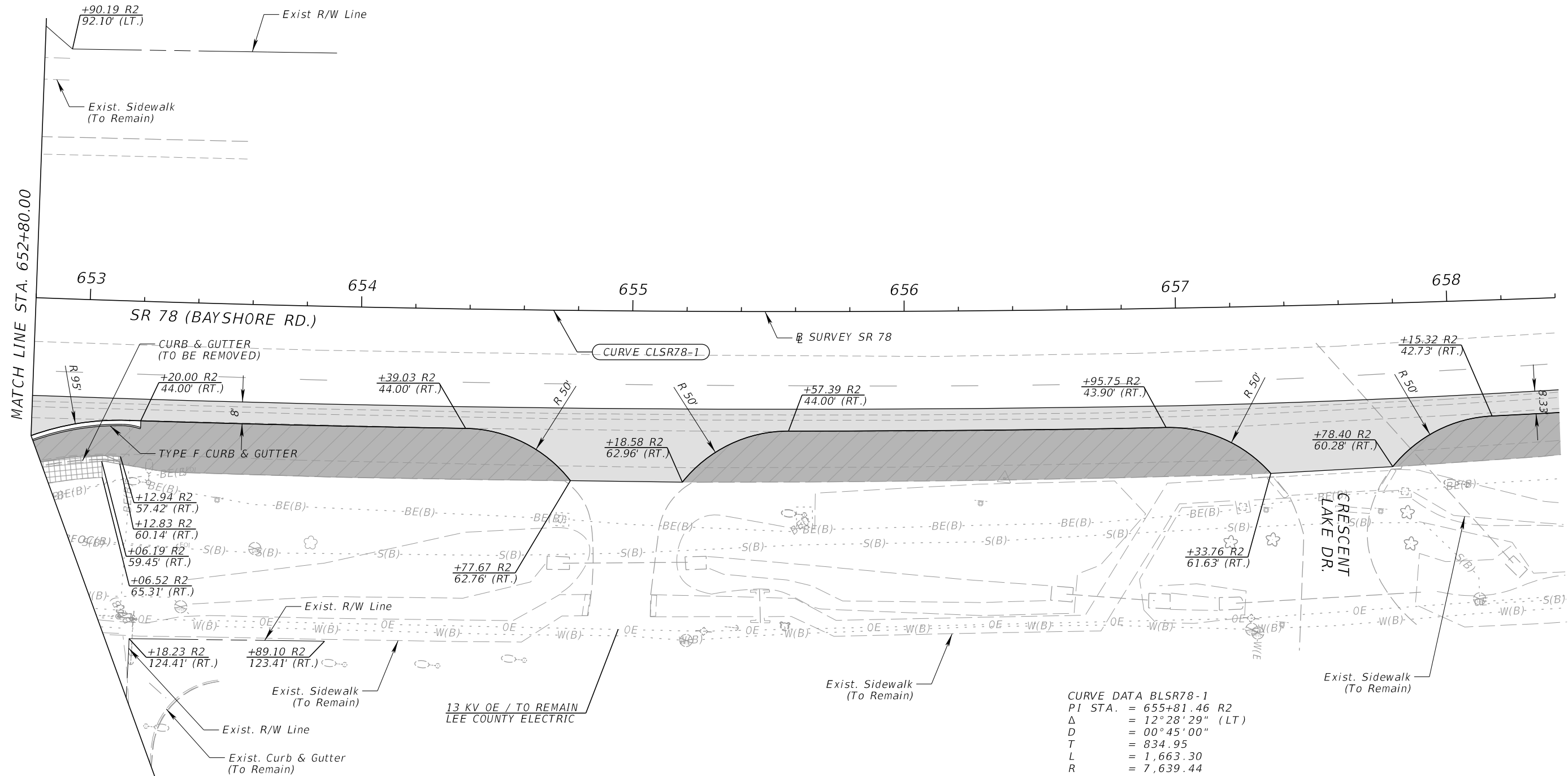
CURVE DATA BLSR78-1
 PI STA. = 655+81.46 R2
 Δ = 12°28'29" (LT)
 D = 00°45'00"
 T = 834.95
 L = 1,663.30
 R = 7,639.44
 PC STA. = 647+46.51 R2
 PT STA. = 664+09.81 R2
 e = NC

BEGIN CONSTRUCTION
 STA. 582+47.38
 @ SURVEY SR 78

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (18)	SHEET NO. 29
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 739	LEE	446293-1-52-01		

LEGEND

-  PAVEMENT REMOVAL
-  MILLING & RESURFACING (3.0")
-  CONCRETE REMOVAL

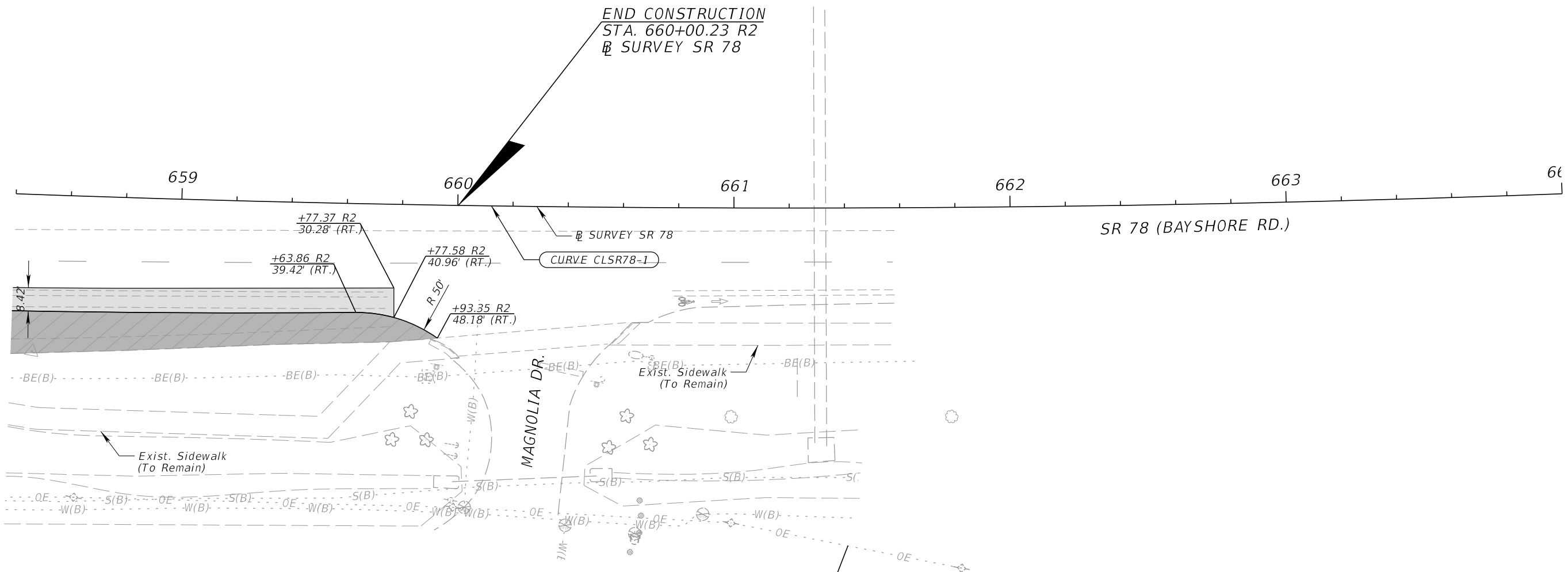


CURVE DATA BLSR78-1
 PI STA. = 655+81.46 R2
 Δ = 12°28'29" (LT)
 D = 00°45'00"
 T = 834.95
 L = 1,663.30
 R = 7,639.44
 PC STA. = 647+46.51 R2
 PT STA. = 664+09.81 R2
 e = NC

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN (19)	SHEET NO. 30
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 739	LEE	446293-1-52-01		

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LEGEND

- PAVEMENT REMOVAL
- MILLING & RESURFACING (3.0")

CURVE DATA BLSR78-1
 PI STA. = 655+81.46 R2
 Δ = 12°28'29" (LT)
 D = 00°45'00"
 T = 834.95
 L = 1,663.30
 R = 7,639.44
 PC STA. = 647+46.51 R2
 PT STA. = 664+09.81 R2
 e = NC

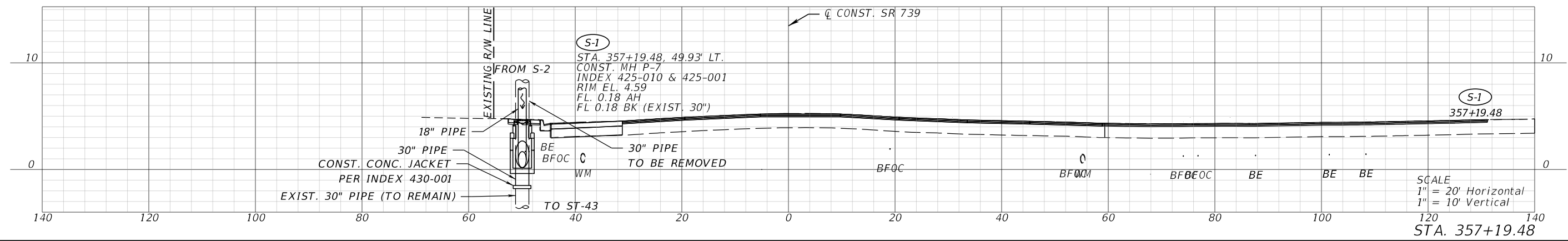
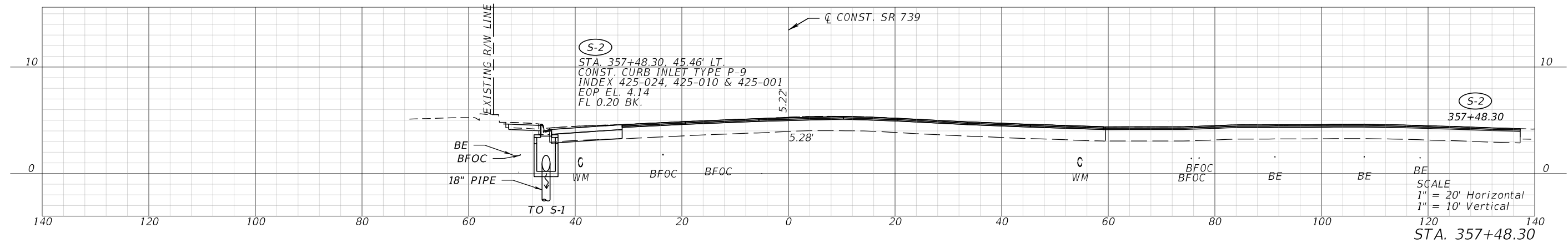
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 739	LEE	446293-1-52-01	ROADWAY PLAN (20) 31

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DRAINAGE STRUCTURE NOTES

1. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES EXTEND INTO THE STABILIZED PORTION OF THE ROAD BED AND EXTREME CAUTION WILL BE NECESSARY IN STABILIZATION OPERATIONS AT THOSE LOCATIONS.
2. ALL DRAINAGE PIPES HAVE OPTIONAL MATERIALS. THE OPTIONAL MATERIALS TABULATION SHEET(S) SHOWS ALL MATERIALS ALLOWED AND INDICATES WHICH MATERIAL IS PLOTTED IN THE PLANS AND USED AS THE BASIS FOR PAY QUANTITIES.
3. FOR PARTIAL INLET AND MANHOLE TOPS, THE STRUCTURE BOTTOM DIMENSIONS WILL NEED TO BE VERIFIED AND COMMUNICATED TO THE PRECASTOR BEFORE THE SHOP DRAWINGS ARE SUBMITTED FOR REVIEW.
4. FOR DRAINAGE PIPES WITH NO SURVEYED STRUCTURE DATA AND/OR ASBUILT INFORMATION, THE CONTRACTOR SHALL FIELD VERIFY FLOWLINES AND PIPE SIZES AND COMMUNICATE TO THE ENGINEER BEFORE THE SHOP DRAWINGS ARE SUBMITTED TO THE PRECASTOR.

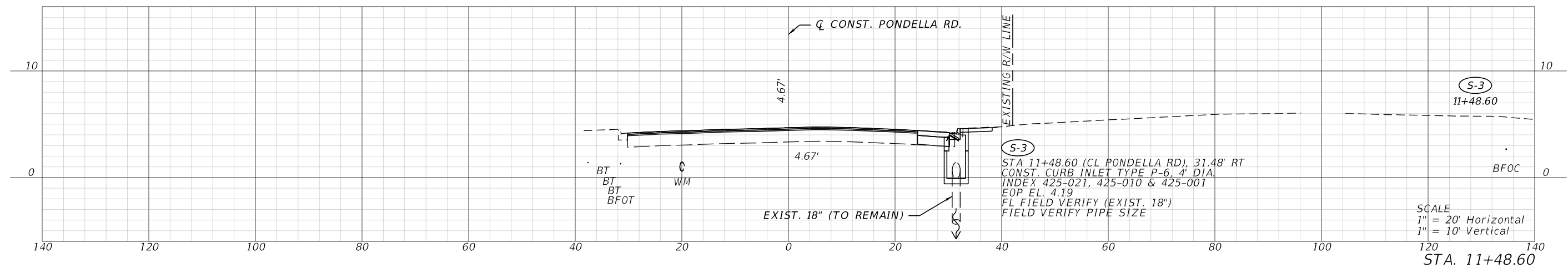


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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				MELISSA A. MULVANEY, P.E. LICENSE NUMBER 68281 BAYER UNITED ENGINEERING CONSULTANTS, LLC 320 W. KENNEDY BLVD. SUITE 650, TAMPA, FL 33606	SR 739	LEE	446293-1-52-01	32
DRAINAGE STRUCTURES								

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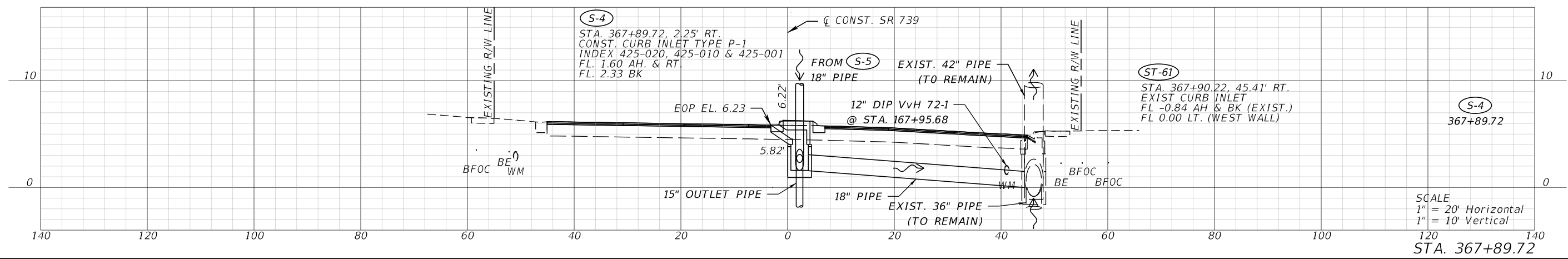
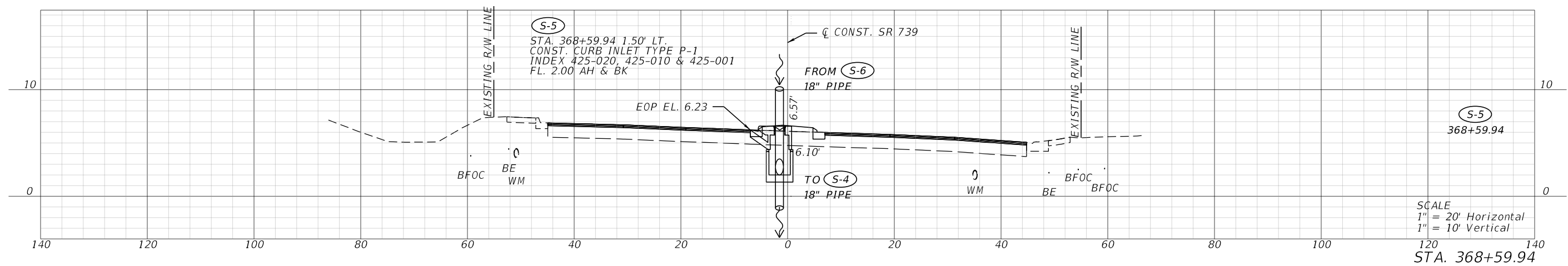
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MELISSA A. MULVANEY, P.E. LICENSE NUMBER 68281 BAYER UNITED ENGINEERING CONSULTANTS, LLC 320 W. KENNEDY BLVD. SUITE 650, TAMPA, FL 33606		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		33
								SR 739		

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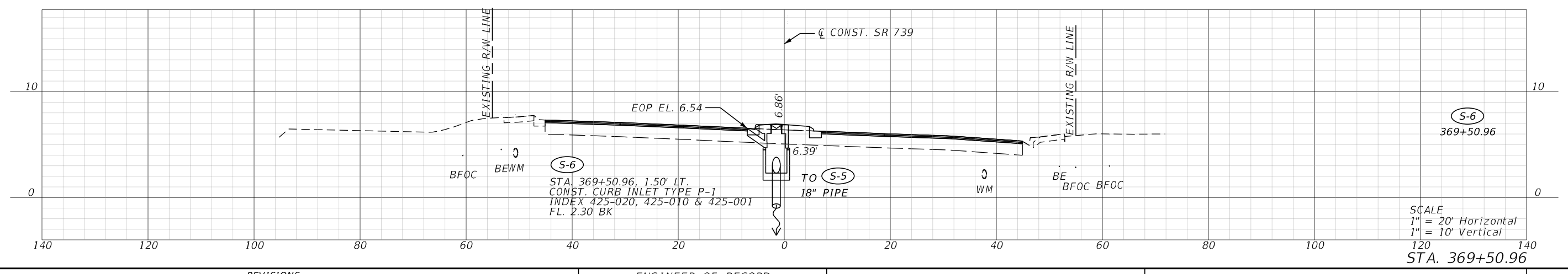
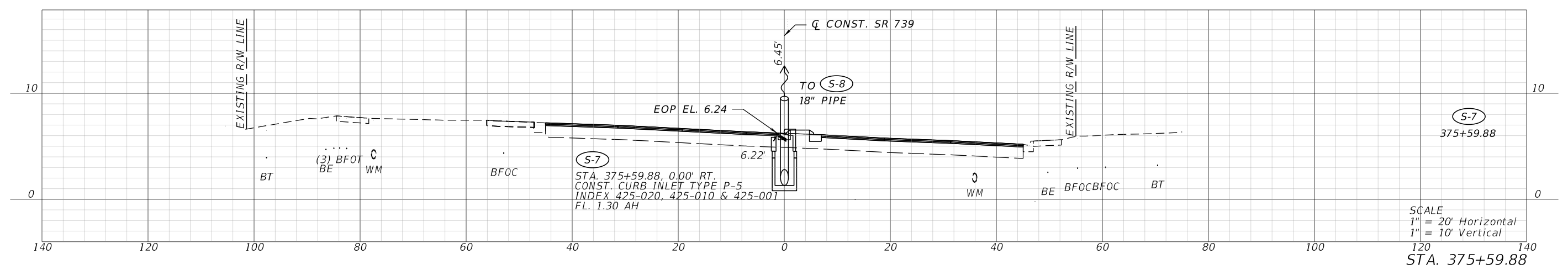
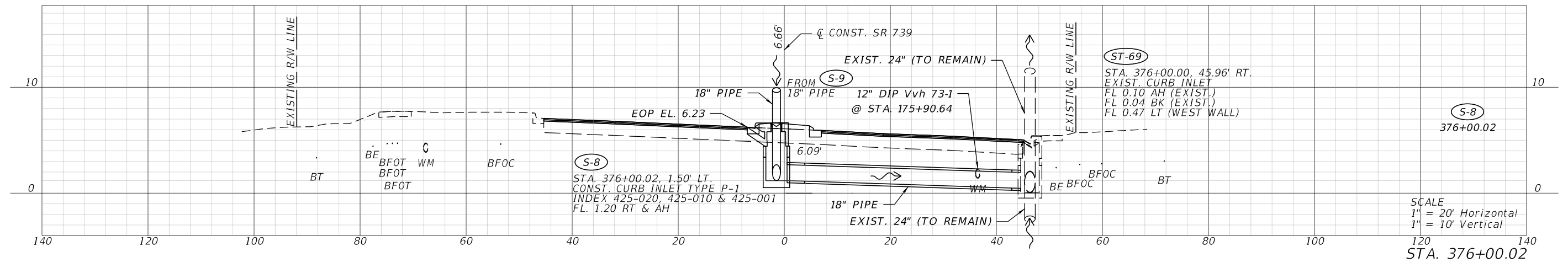
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				MELISSA A. MULVANEY, P.E. LICENSE NUMBER 68281 BAYER UNITED ENGINEERING CONSULTANTS, LLC 320 W. KENNEDY BLVD. SUITE 650, TAMPA, FL 33606	SR 739	LEE	446293-1-52-01	DRAINAGE STRUCTURES 34

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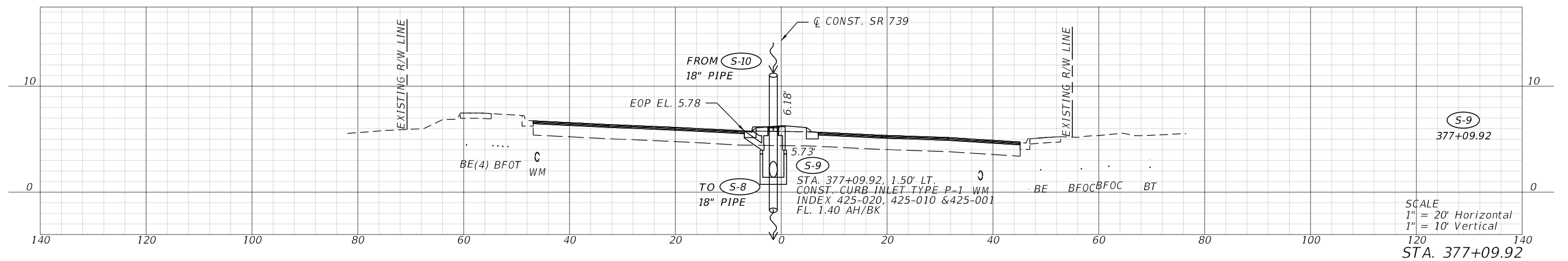
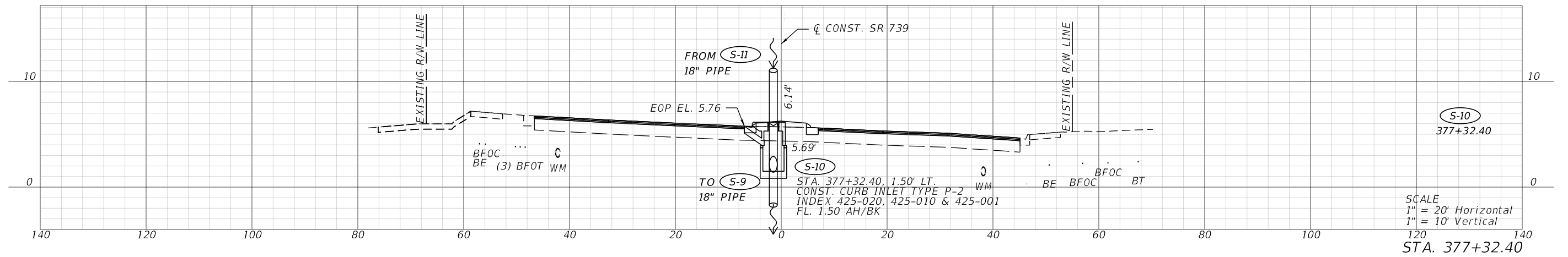
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO. 35	
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY			FINANCIAL PROJECT ID
				MELISSA A. MULVANEY, P.E. LICENSE NUMBER 68281 BAYER UNITED ENGINEERING CONSULTANTS, LLC 320 W. KENNEDY BLVD. SUITE 650, TAMPA, FL 33606			SR 739	LEE			446293-1-52-01

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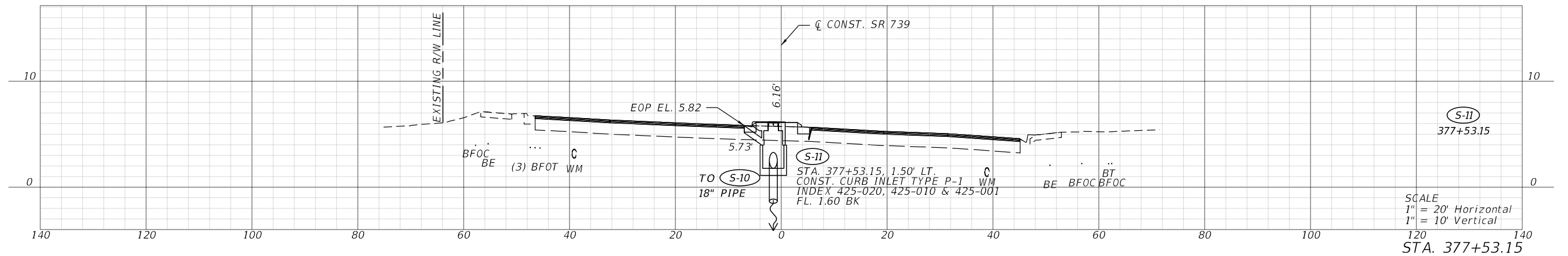
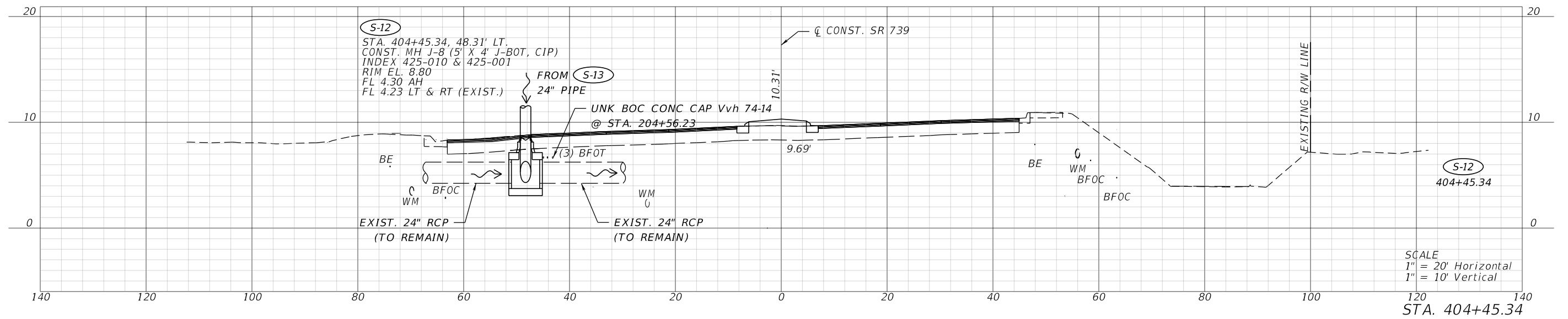


REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				MELISSA A. MULVANEY, P.E. LICENSE NUMBER 68281 BAYER UNITED ENGINEERING CONSULTANTS, LLC 320 W. KENNEDY BLVD. SUITE 650, TAMPA, FL 33606	SR 739	LEE	446293-1-52-01	36

DRAINAGE STRUCTURES

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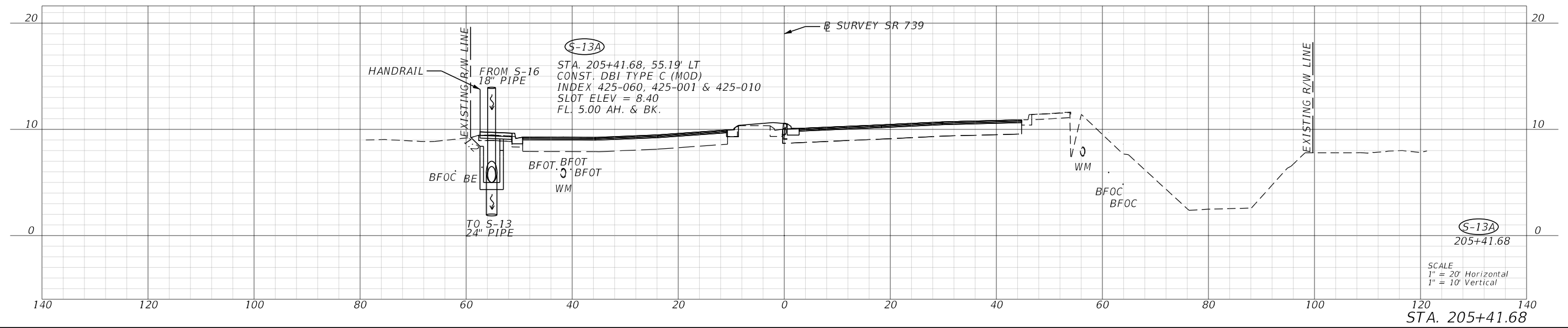


REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				MELISSA A. MULVANEY, P.E. LICENSE NUMBER 68281 BAYER UNITED ENGINEERING CONSULTANTS, LLC 320 W. KENNEDY BLVD. SUITE 650, TAMPA, FL 33606	SR 739	LEE	446293-1-52-01	37

DRAINAGE STRUCTURES

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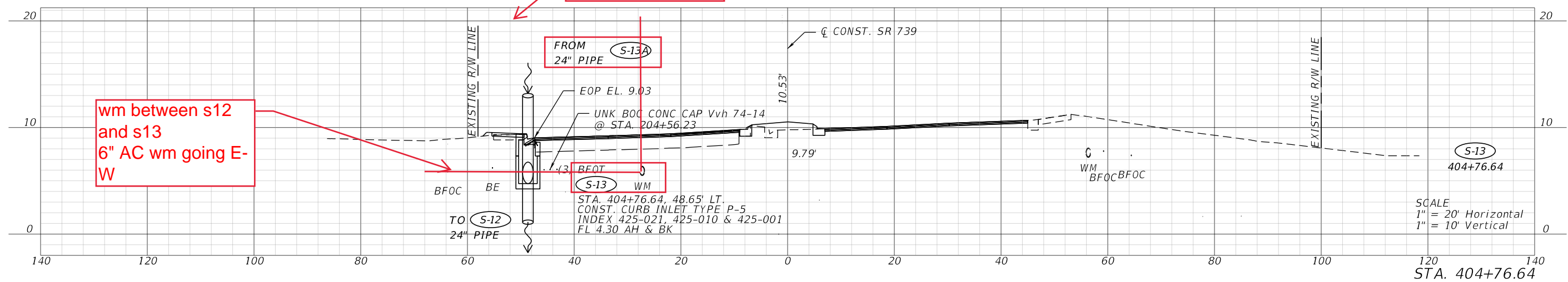
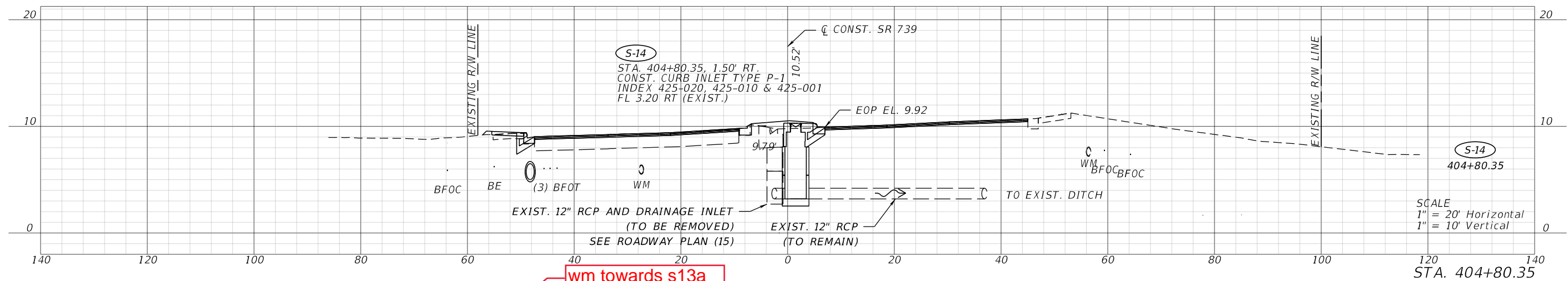
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY		FINANCIAL PROJECT ID
				MELISSA A. MULVANEY, P.E. LICENSE NUMBER 68281 BAYER UNITED ENGINEERING CONSULTANTS, LLC 320 W KENNEDY BLVD, SUITE 650, TAMPA, FL 33606			SR 739	LEE		446293-1-52-01

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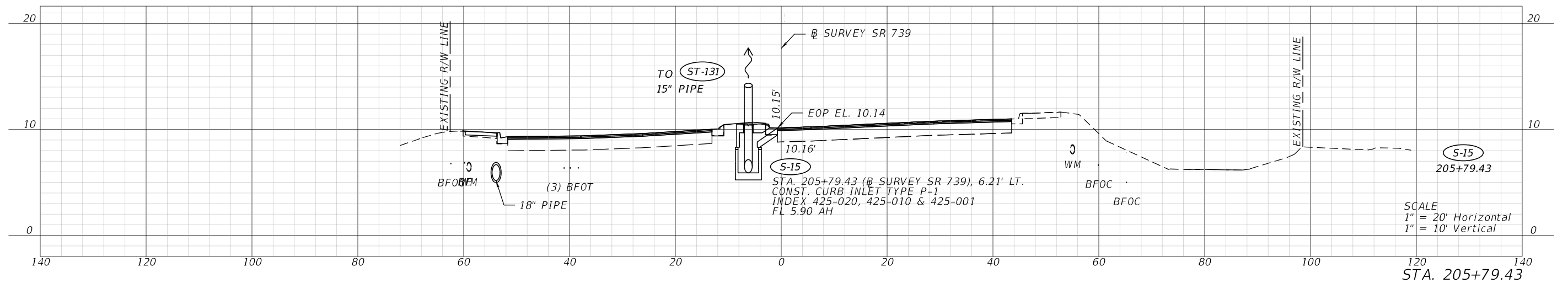
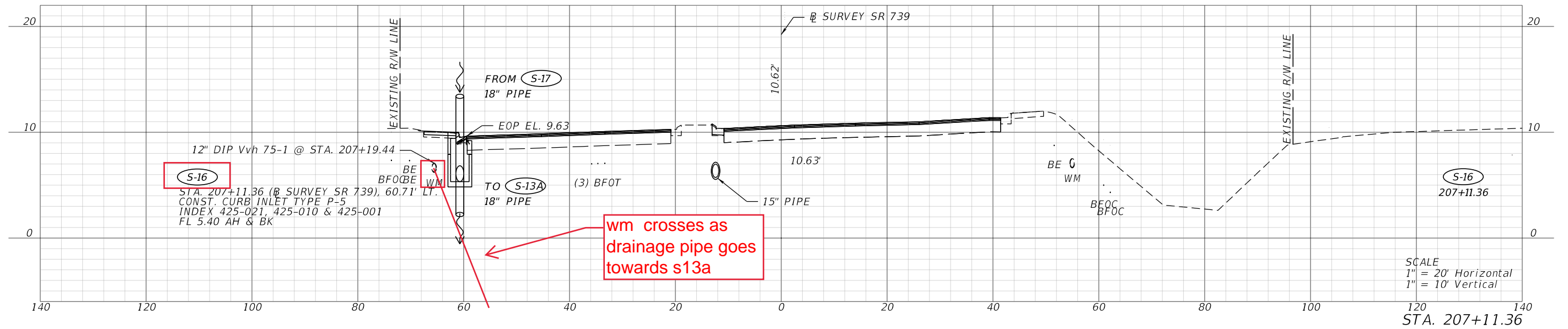
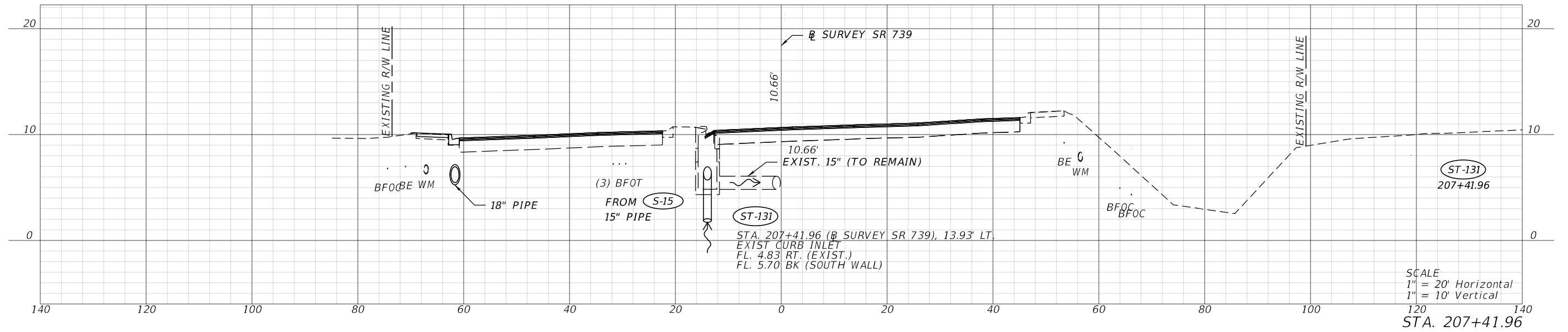
wm between s12
 and s13
 6" AC wm going E-
 W

wm towards s13a

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
			MELISSA A. MULVANEY, P.E. LICENSE NUMBER 68281 BAYER UNITED ENGINEERING CONSULTANTS, LLC 320 W. KENNEDY BLVD. SUITE 650, TAMPA, FL 33606	SR 739	LEE	446293-1-52-01		39

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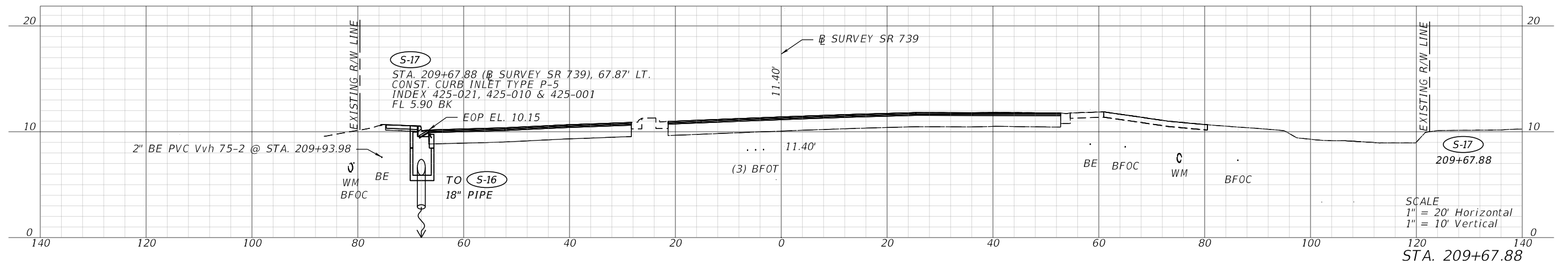
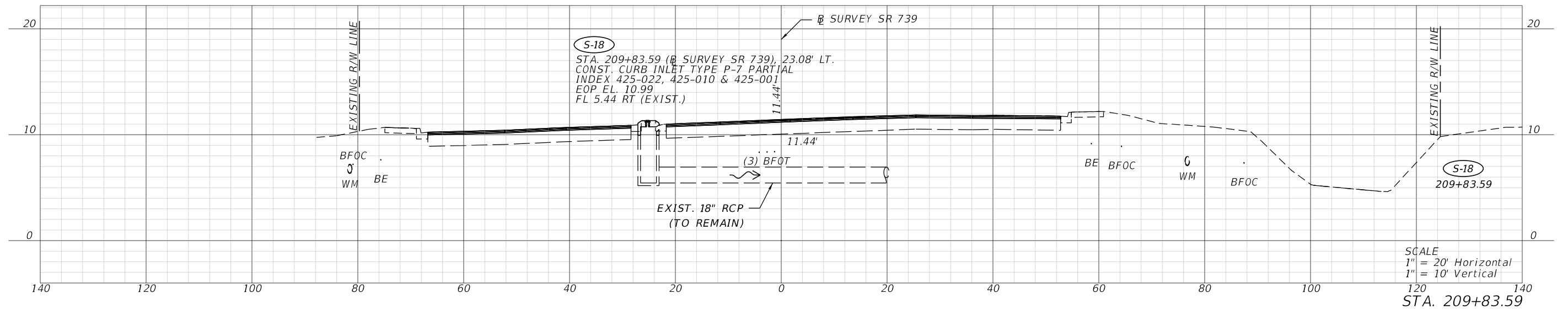
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MELISSA A. MULVANEY, P.E. LICENSE NUMBER 68281 BAYER UNITED ENGINEERING CONSULTANTS, LLC 320 W. KENNEDY BLVD. SUITE 650, TAMPA, FL 33606			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 739	LEE	446293-152-01	
DRAINAGE STRUCTURES										40

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

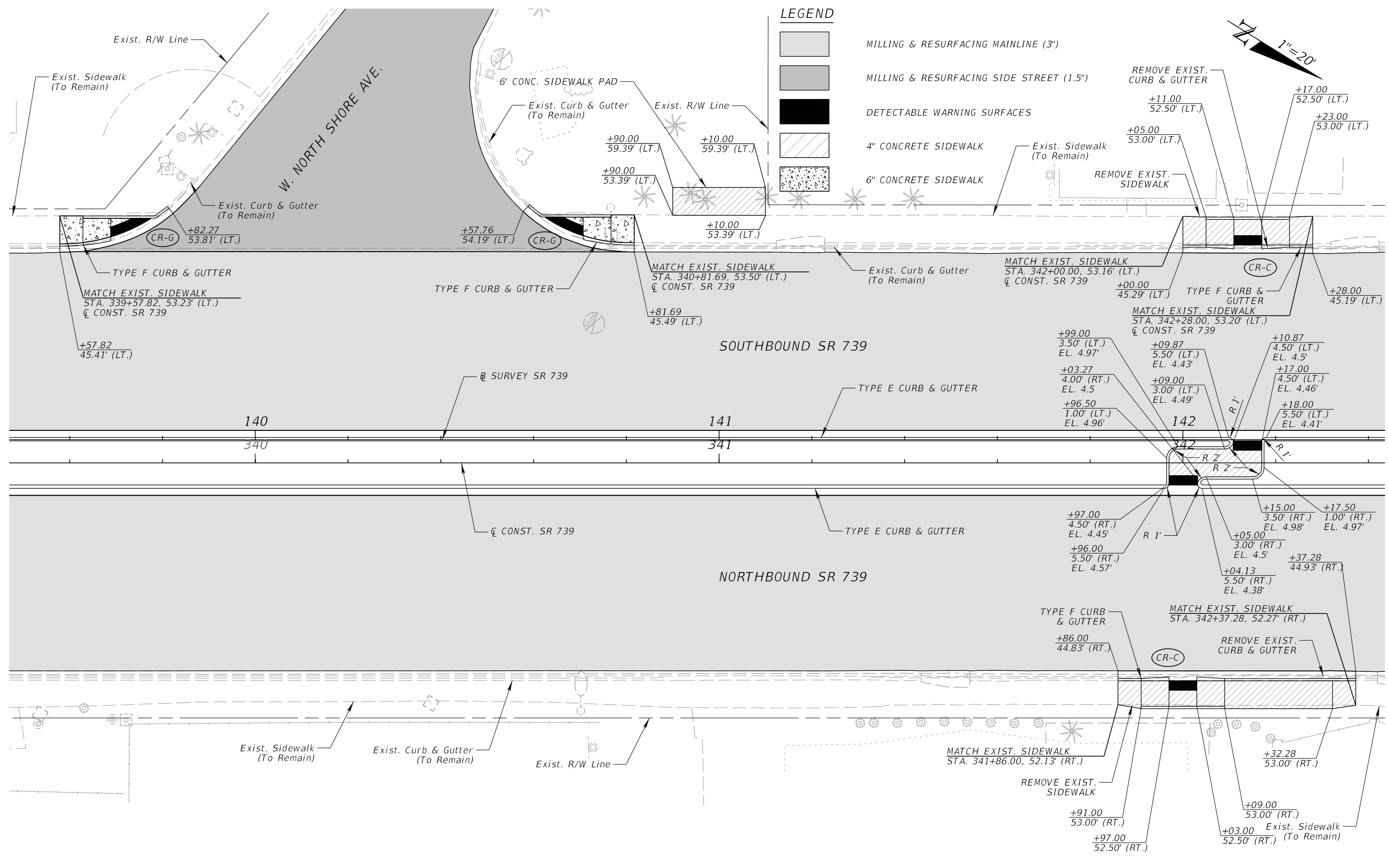
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			DRAINAGE STRUCTURES	SHEET NO. 41
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				MELISSA A. MULVANEY, P.E. LICENSE NUMBER 68281 BAYER UNITED ENGINEERING CONSULTANTS, LLC 320 W. KENNEDY BLVD. SUITE 650, TAMPA, FL 33606	SR 739	LEE	446293-1-52-01		

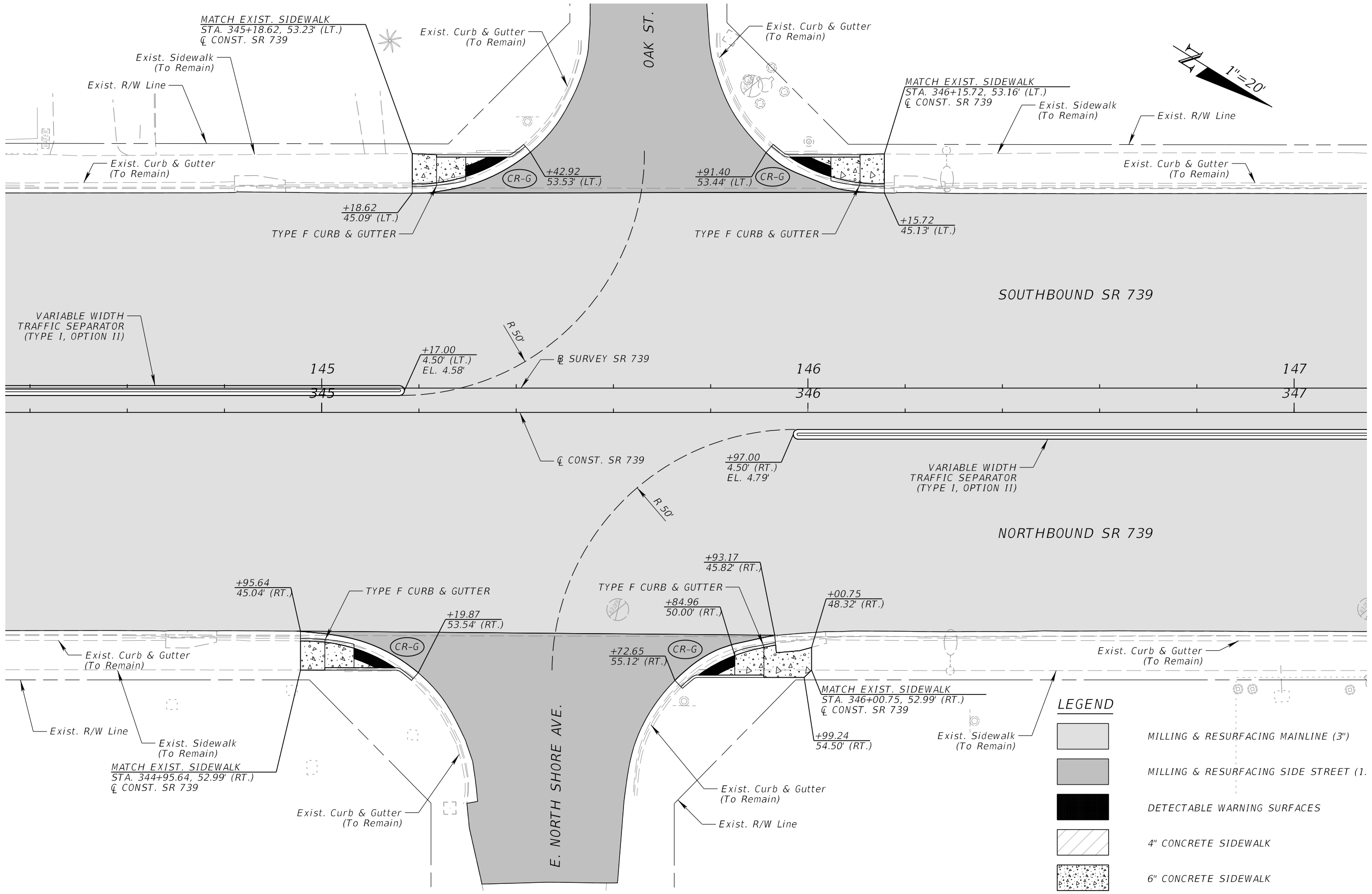
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTERSECTION DETAILS (1)	SHEET NO. 42
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 739	LEE	446293-1-52-01		

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REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 LIZETTE MARTINEZ, P.E.
 LICENSE NUMBER: 78631
 AVANT ENGINEERING GROUP, LLC
 2699 LEE ROAD, SUITE 401
 WINTER PARK, FL 32789





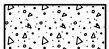
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 739	LEE	446293-1-52-01

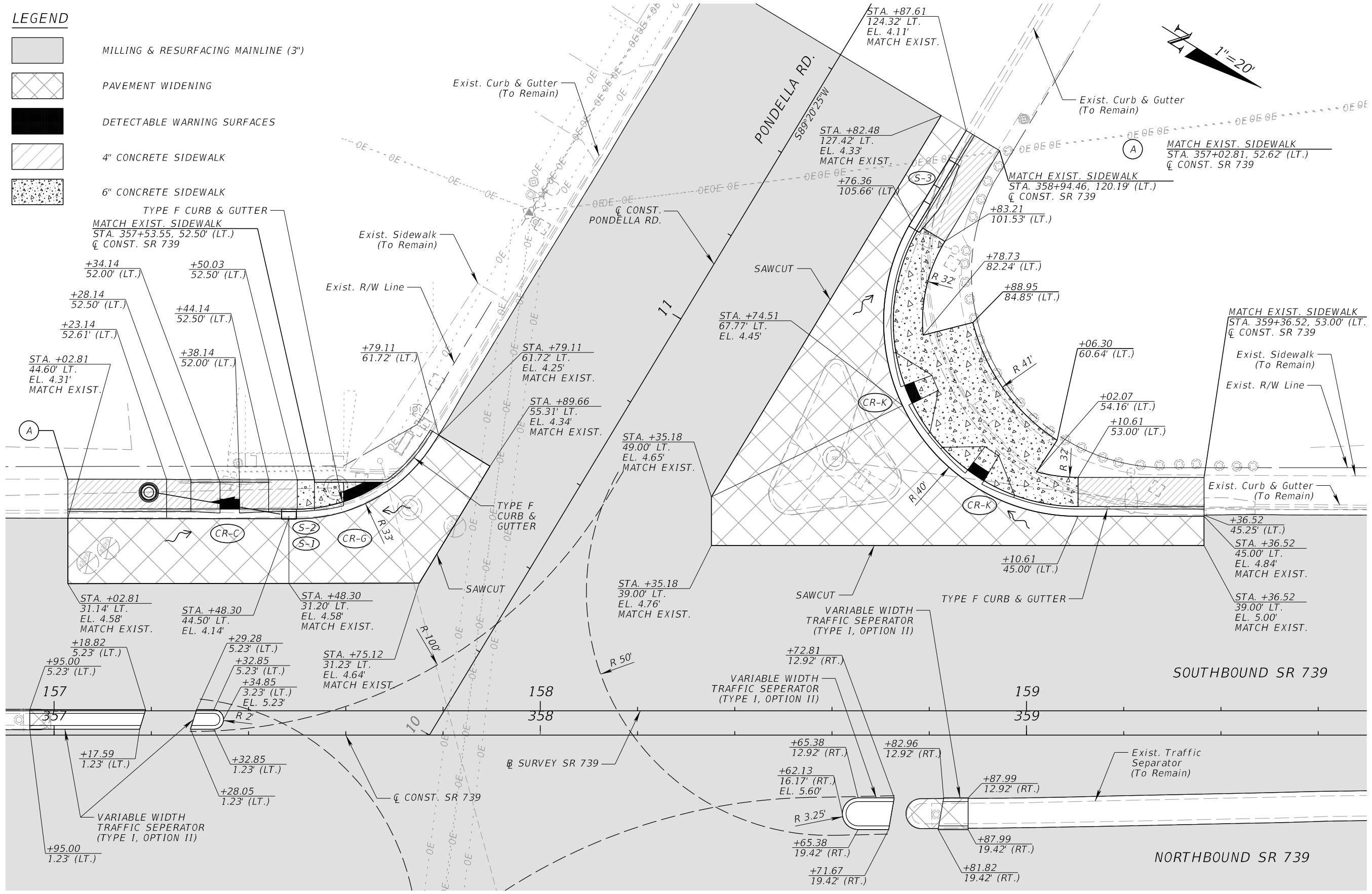
INTERSECTION DETAILS (2)

SHEET NO. 43

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LEGEND

-  MILLING & RESURFACING MAINLINE (3")
-  PAVEMENT WIDENING
-  DETECTABLE WARNING SURFACES
-  4" CONCRETE SIDEWALK
-  6" CONCRETE SIDEWALK



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REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

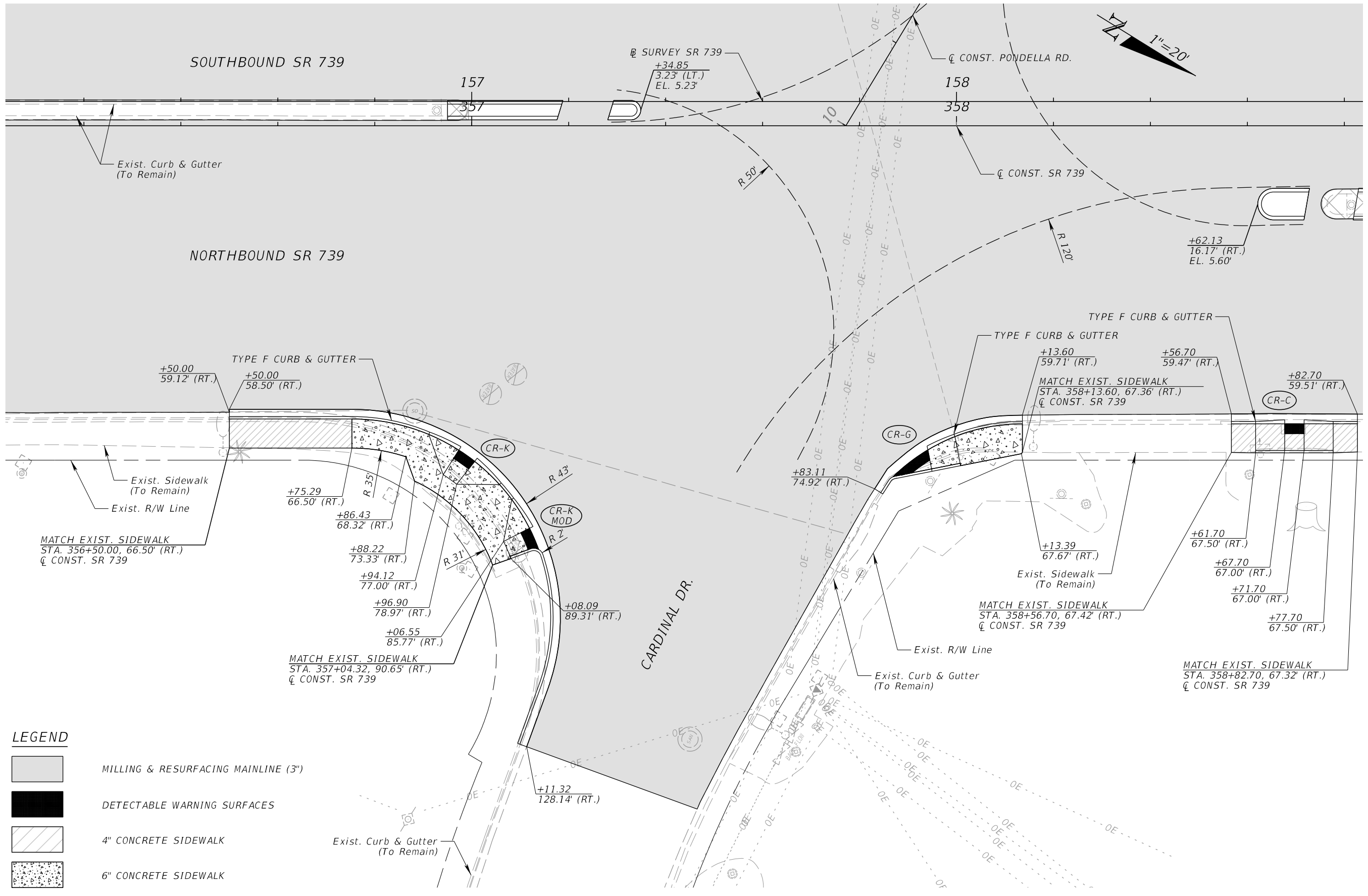
ENGINEER OF RECORD
 LIZETTE MARTINEZ, P.E.
 LICENSE NUMBER: 78631
 AVANT ENGINEERING GROUP, LLC
 2699 LEE ROAD, SUITE 401
 WINTER PARK, FL 32789

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 739	LEE	446293-1-52-01

INTERSECTION DETAILS (3)

SHEET NO.
44

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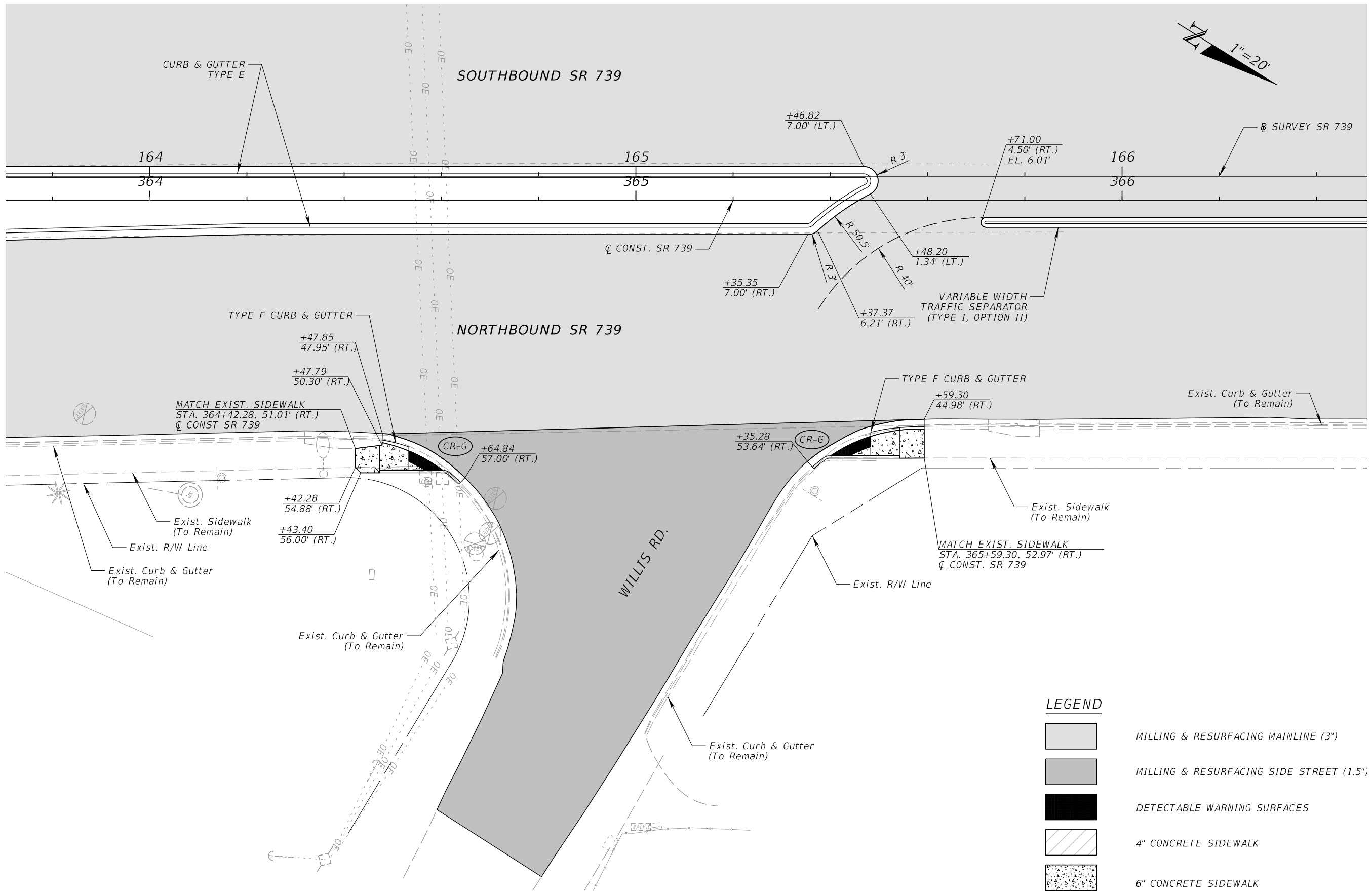
LEGEND

- MILLING & RESURFACING MAINLINE (3")
- DETECTABLE WARNING SURFACES
- 4" CONCRETE SIDEWALK
- 6" CONCRETE SIDEWALK

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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTERSECTION DETAILS (4)	SHEET NO. 45
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 739	LEE	446293-1-52-01		

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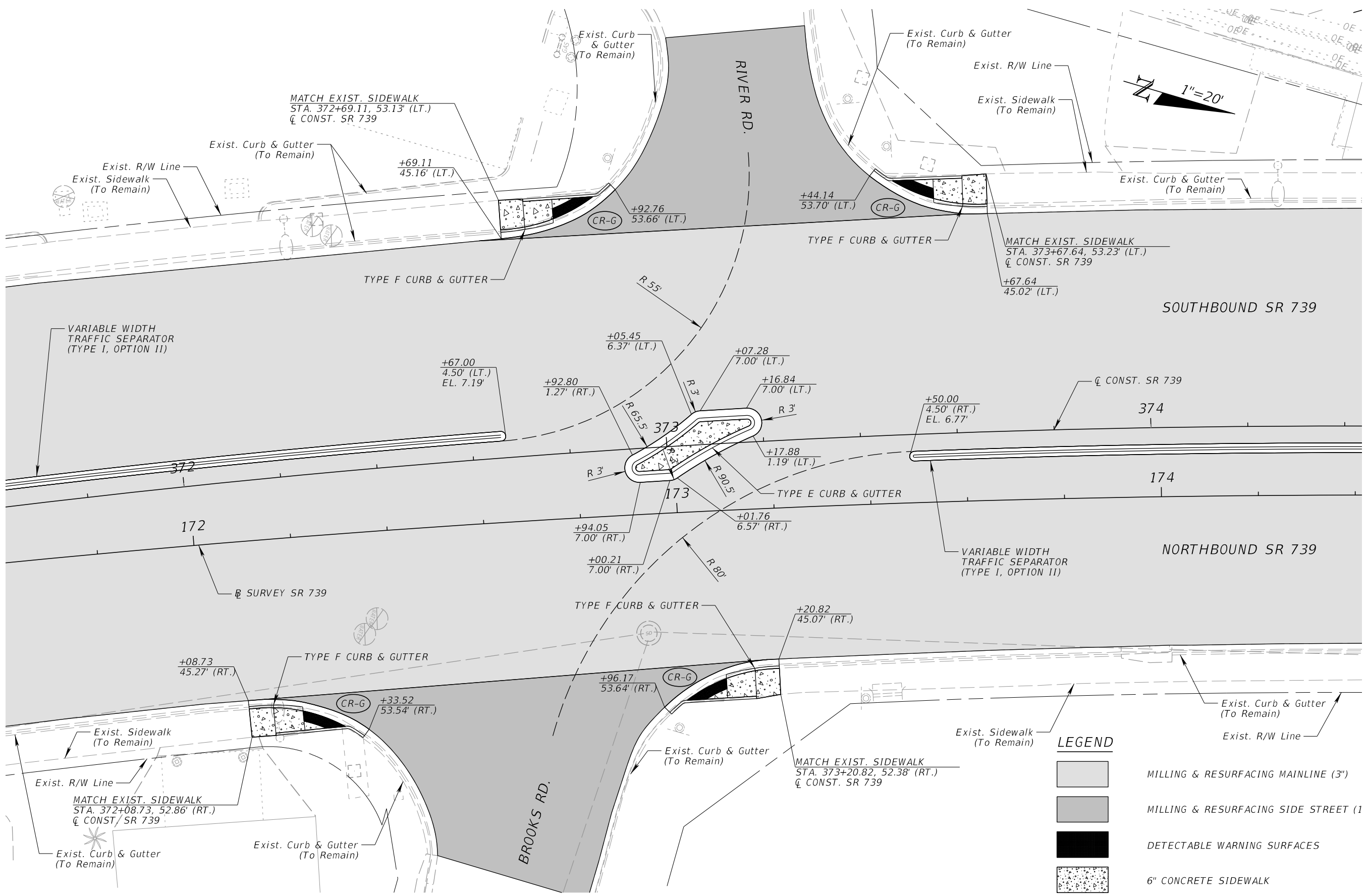
LEGEND

	MILLING & RESURFACING MAINLINE (3")
	MILLING & RESURFACING SIDE STREET (1.5")
	DETECTABLE WARNING SURFACES
	4" CONCRETE SIDEWALK
	6" CONCRETE SIDEWALK

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 739	LEE	446293-1-52-01	
INTERSECTION DETAILS (5)									46

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LEGEND	
	MILLING & RESURFACING MAINLINE (3")
	MILLING & RESURFACING SIDE STREET (1")
	DETECTABLE WARNING SURFACES
	6" CONCRETE SIDEWALK

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 LIZETTE MARTINEZ, P.E.
 LICENSE NUMBER: 78631
 AVANT ENGINEERING GROUP, LLC
 2699 LEE ROAD, SUITE 401
 WINTER PARK, FL 32789





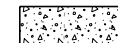
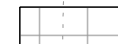
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 739	LEE	446293-1-52-01

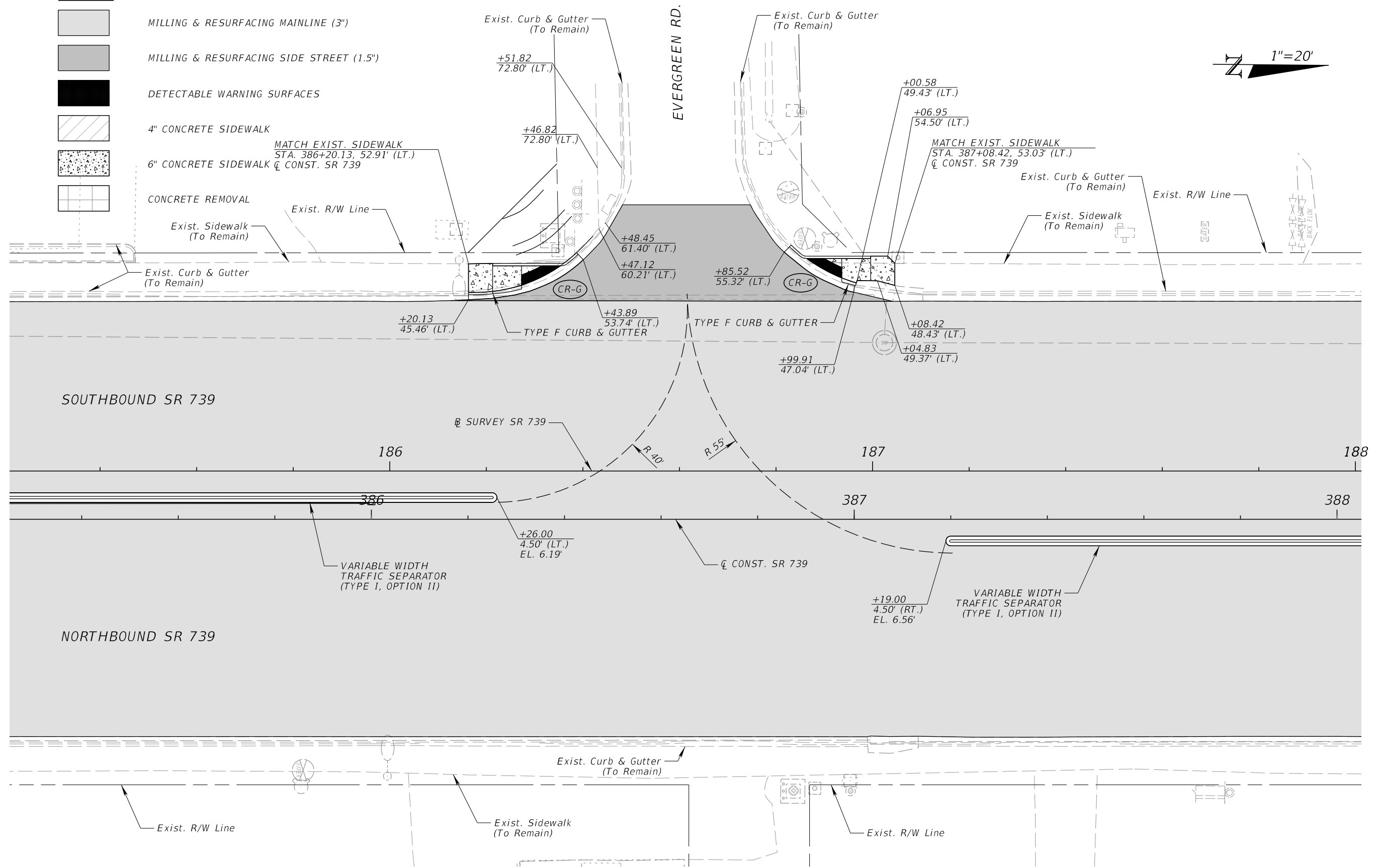
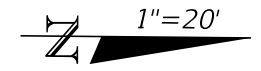
INTERSECTION DETAILS (6)

SHEET NO.	47
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LEGEND

-  MILLING & RESURFACING MAINLINE (3")
-  MILLING & RESURFACING SIDE STREET (1.5")
-  DETECTABLE WARNING SURFACES
-  4" CONCRETE SIDEWALK
-  6" CONCRETE SIDEWALK
-  CONCRETE REMOVAL



5/16/2023 4:56:33 PM NajamHassan P:\FDOT\44629315201\Roadway\INTDR001.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

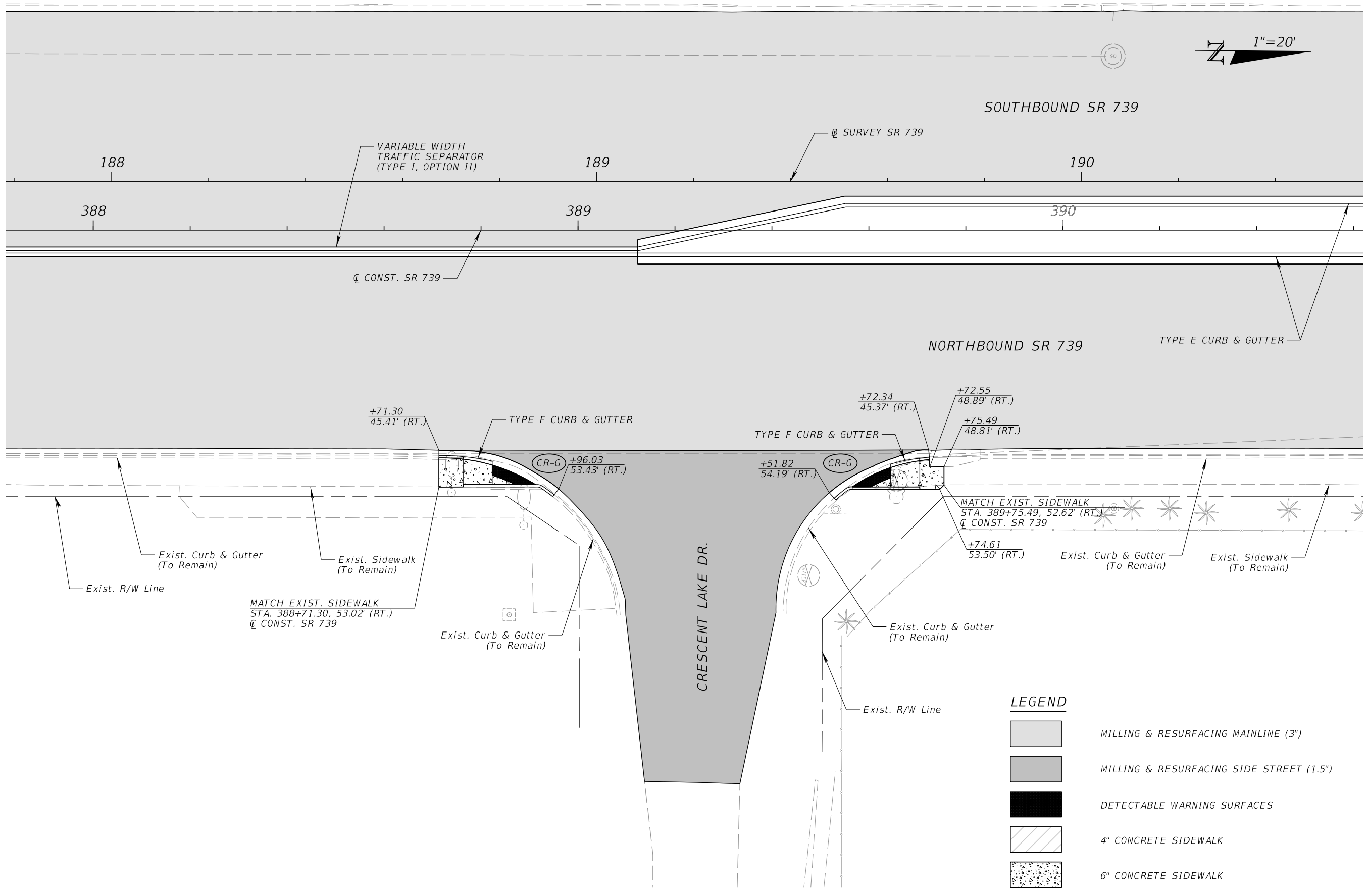
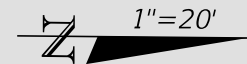
ENGINEER OF RECORD
 LIZETTE MARTINEZ, P.E.
 LICENSE NUMBER: 78631
 AVANT ENGINEERING GROUP, LLC
 2699 LEE ROAD, SUITE 401
 WINTER PARK, FL 32789

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 739	LEE	446293-1-52-01

INTERSECTION DETAILS (7)

SHEET NO.
48

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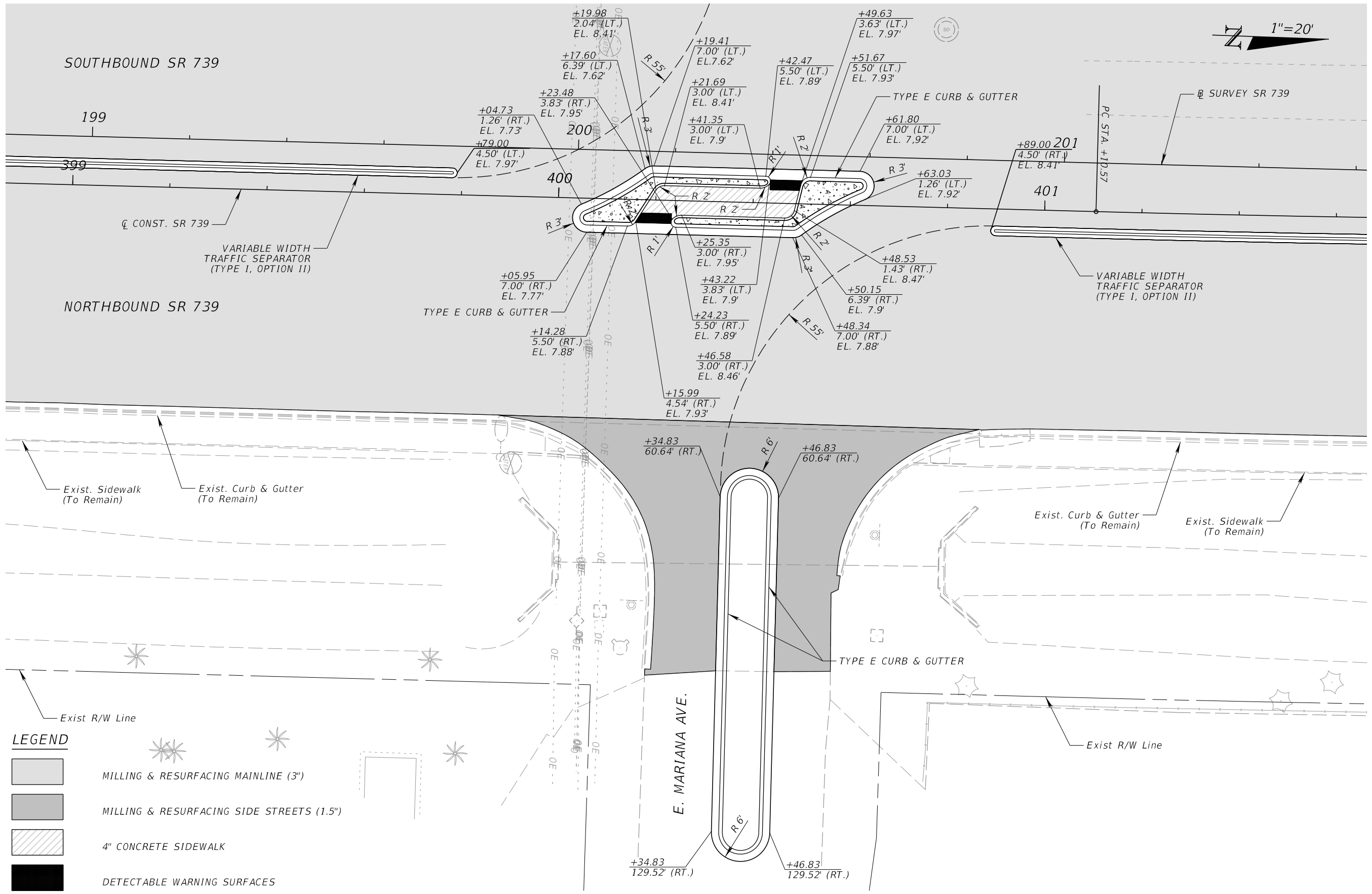
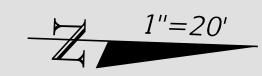
LEGEND

- MILLING & RESURFACING MAINLINE (3")
- MILLING & RESURFACING SIDE STREET (1.5")
- DETECTABLE WARNING SURFACES
- 4" CONCRETE SIDEWALK
- 6" CONCRETE SIDEWALK

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTERSECTION DETAILS (8)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		49
								SR 739		LEE

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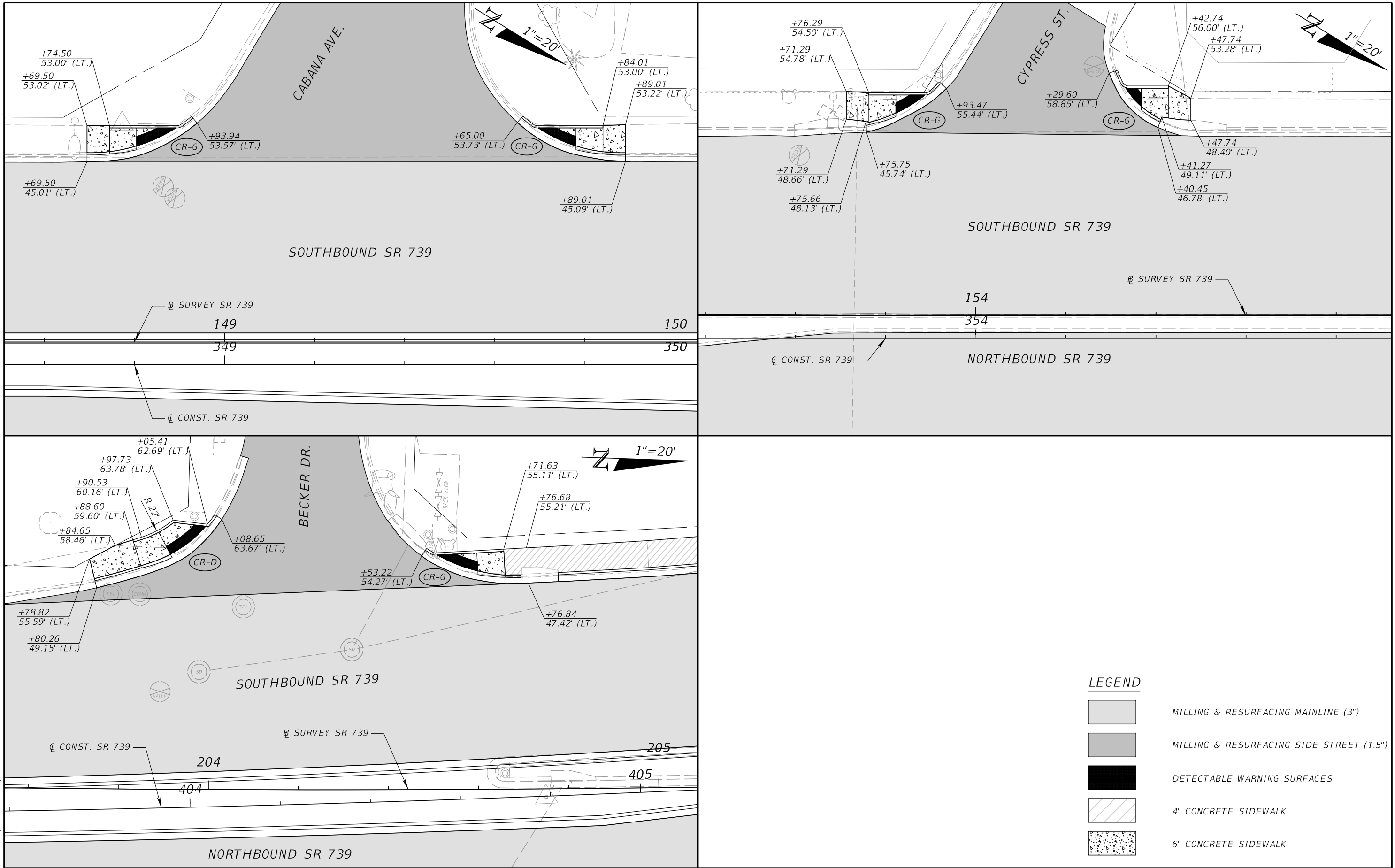
LEGEND

- MILLING & RESURFACING MAINLINE (3")
- MILLING & RESURFACING SIDE STREETS (1.5")
- 4" CONCRETE SIDEWALK
- DETECTABLE WARNING SURFACES

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			INTERSECTION DETAILS (9)	SHEET NO. 50
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 739	LEE	446293-1-52-01		

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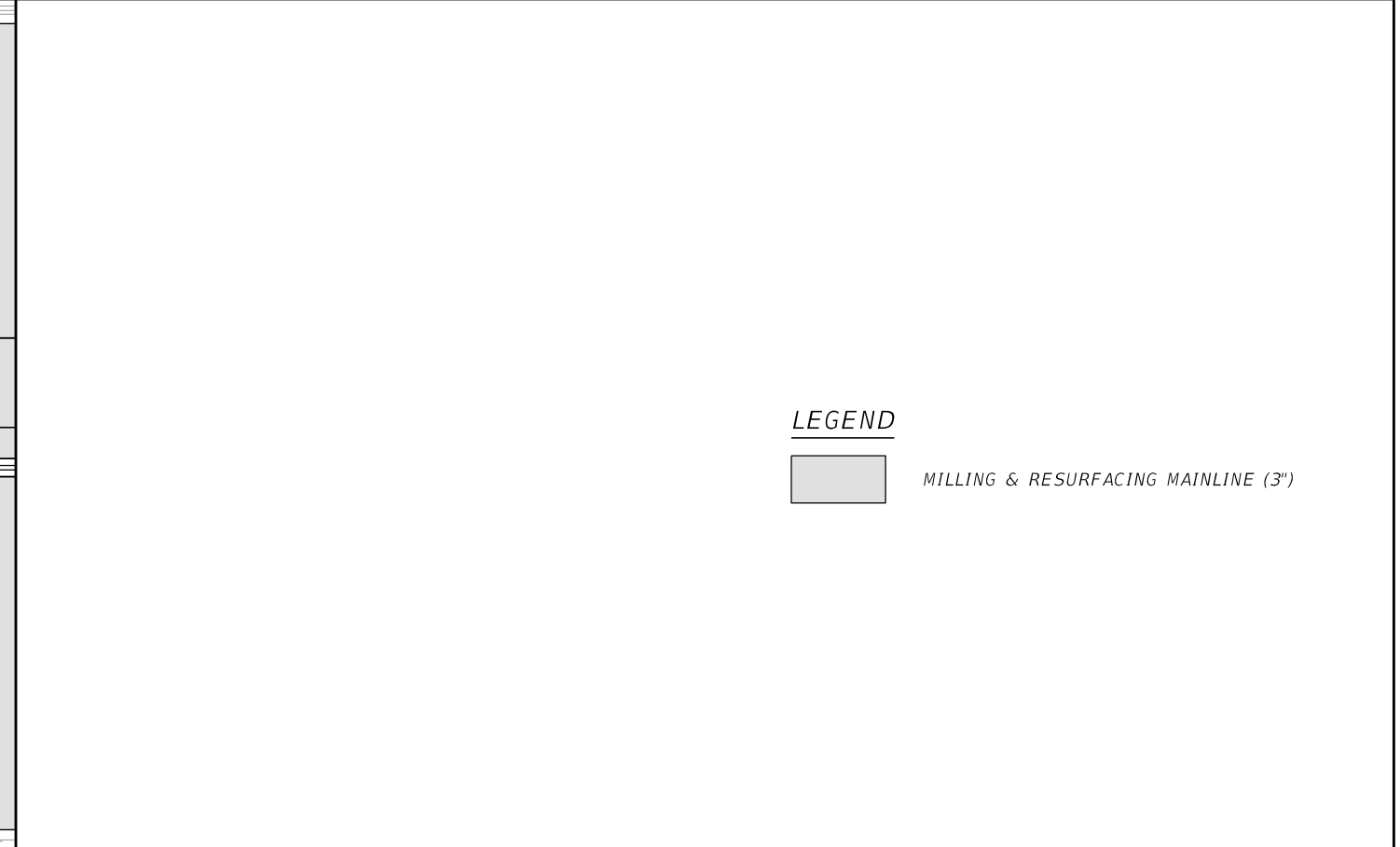
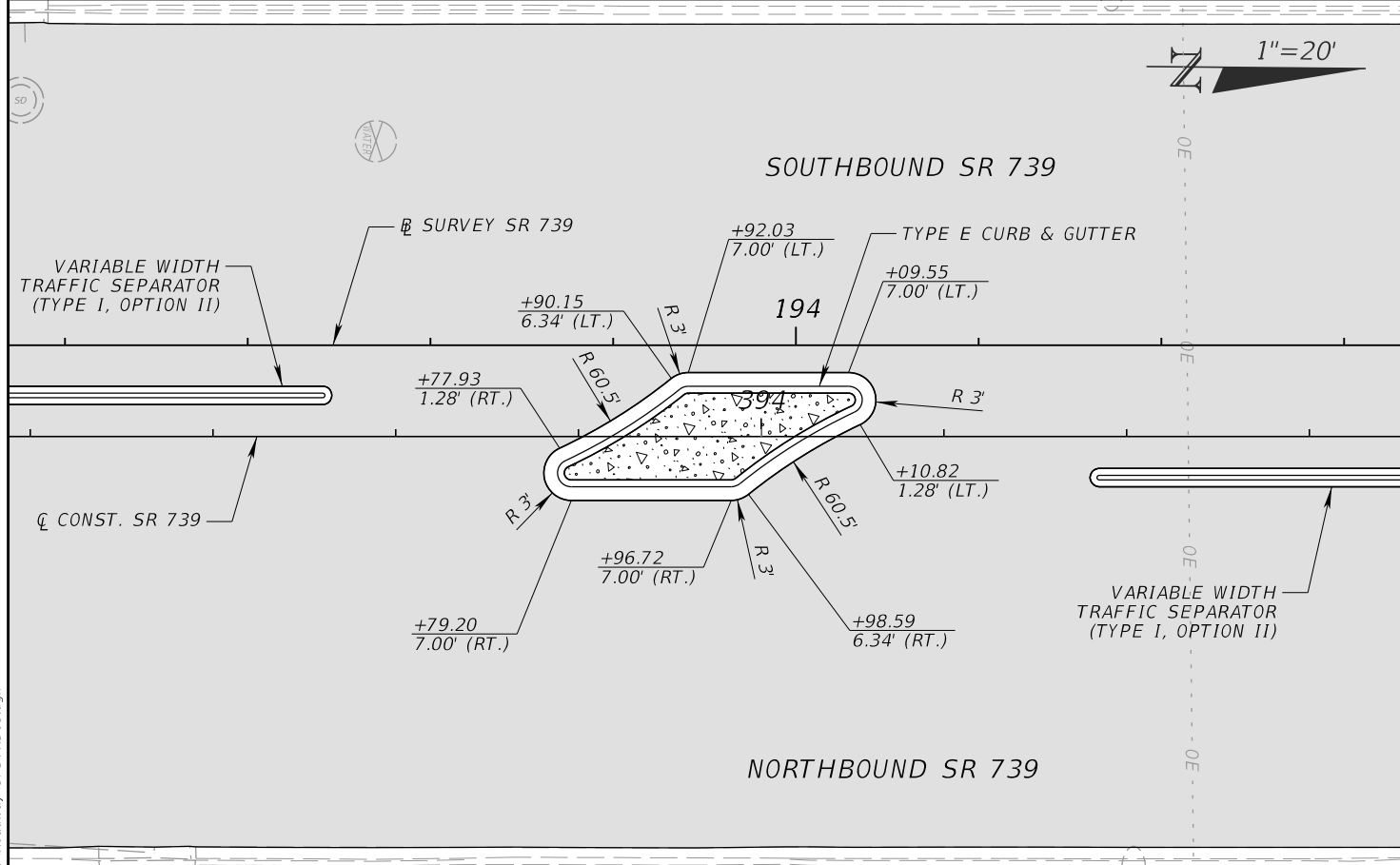
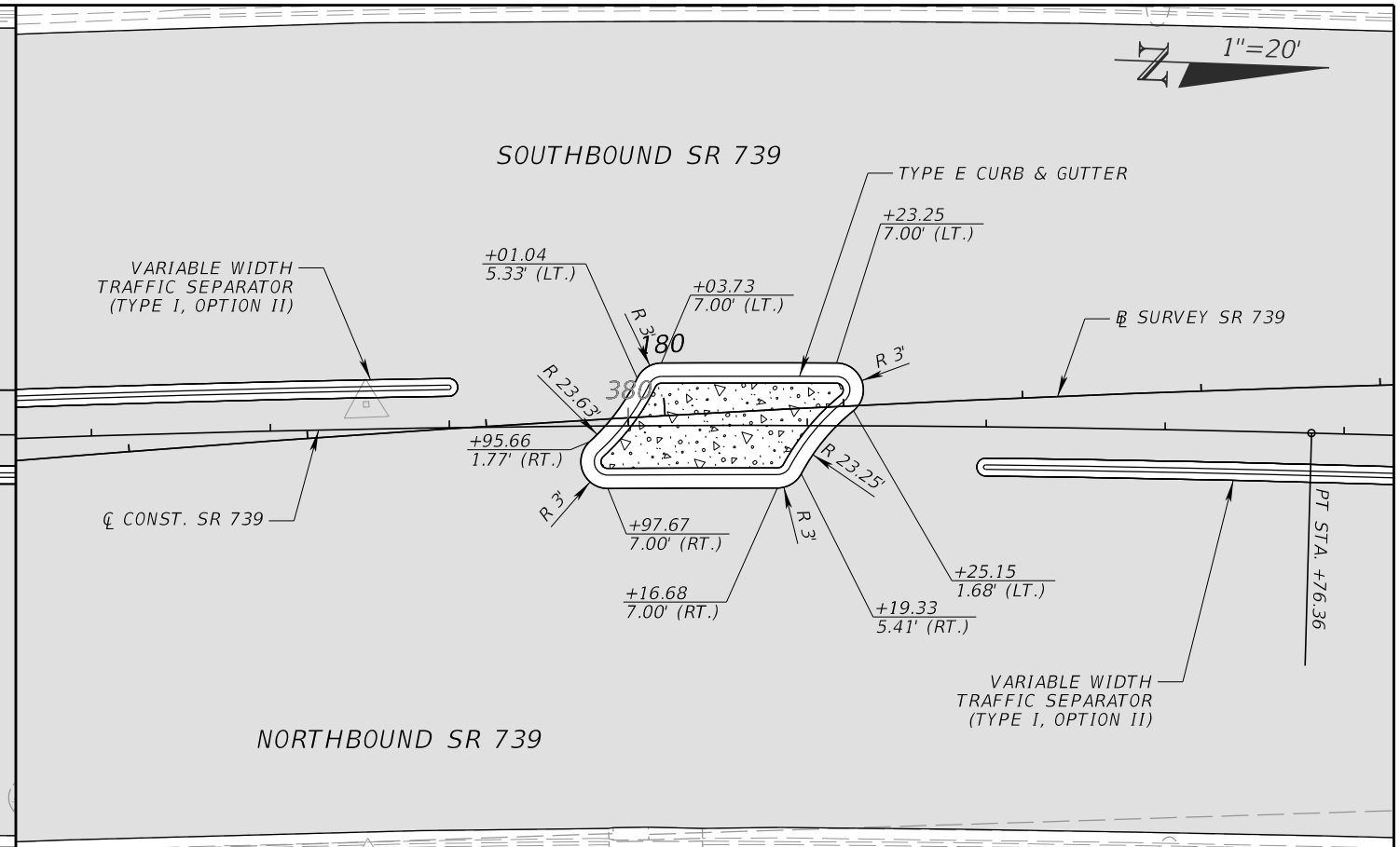
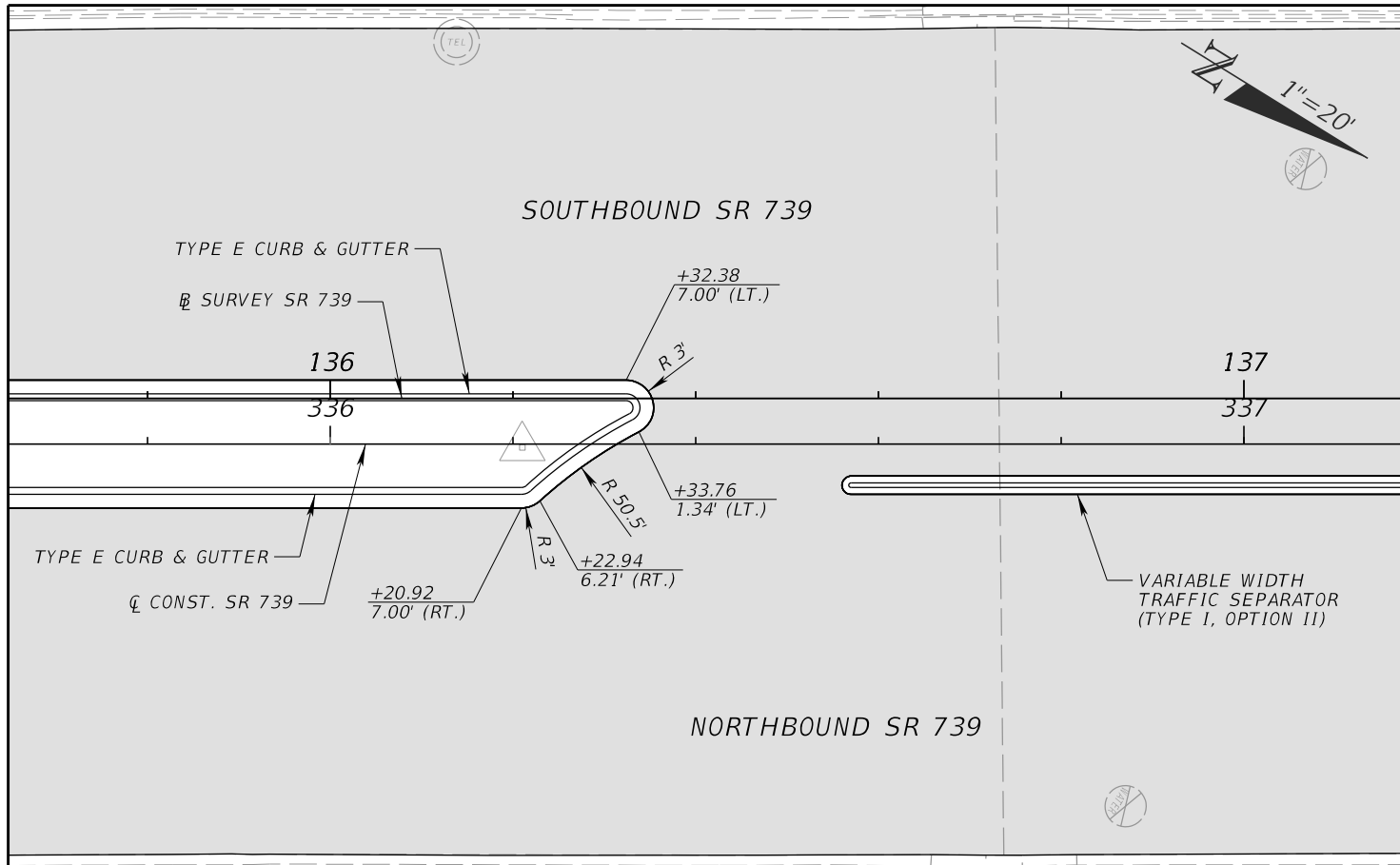
LEGEND

	MILLING & RESURFACING MAINLINE (3")
	MILLING & RESURFACING SIDE STREET (1.5")
	DETECTABLE WARNING SURFACES
	4" CONCRETE SIDEWALK
	6" CONCRETE SIDEWALK

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 51
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		SR 739	LEE	446293-1-52-01	

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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		SR 739	LEE	446293-1-52-01	52

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TEMPORARY TRAFFIC CONTROL PLANS GENERAL NOTES:

1. THE EXISTING POSTED SPEED LIMITS SHALL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION. THE POSTED SPEED LIMIT ON SR 739 IS 45 MPH.
2. LANE CLOSURES ARE RESTRICTED TO AN ACTIVE WORK PERIOD. LANE CLOSURES ARE NOT PERMITTED AT THE FOLLOWING TIMES:
 - OPEN ROAD LANE CLOSURES (BEYOND 600 FT OF A SIGNALIZED INTERSECTION):
 - SR 739 SINGLE LANE CLOSURES: 7:00 AM TO 7:00 PM
 - SR 739 DUAL LANE CLOSURES: 6:00 AM TO 8:00 PM
 - SR 78 SINGLE LANE CLOSURES: 6:30 AM TO 7:30 PM
 - SIGNALIZED LANE CLOSURES (WITHIN 600 FT OF A SIGNALIZED INTERSECTION):
 - SR 739 SINGLE LANE CLOSURES: 7:00 AM TO 7:00 PM
 - SR 739 DUAL LANE CLOSURES: 6:00 AM TO 8:00 PM
 - SR 78 SINGLE LANE CLOSURES: 6:30 AM TO 7:30 PM
3. COORDINATE LANE CLOSURES WITH FPID 449015-1 CONSTRUCTION ACTIVITIES.
4. NOTIFY ALL LOCAL LAW ENFORCEMENT, FIRE DEPARTMENTS, AND EMERGENCY/RESCUE SERVICES IN THE AREA 48 HOURS PRIOR TO IMPLEMENTING A LANE CLOSURE.
5. NOTIFY THE ENGINEER A MINIMUM OF 14 DAYS PRIOR TO ANY LANE CLOSURE.
6. MAINTAIN AND KEEP STREET NAME INDENTIFICATION VISIBLE DURING CONSTRUCTION OPERATIONS TO FACILITATE EMERGENCY VEHICLE TRAFFIC.
7. PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) ARE REQUIRED FOR LANE CLOSURES. MOVE THE PCMS WITH THE WORK ZONE TO BE LOCATED ONE-HALF MILE IN ADVANCE OF THE LANE CLOSURE.
8. PLACE PEDESTRIAN SIGNALS ON RECALL DURING PEDESTRIAN DETOURS.
9. ACCESS TO AND FROM ALL BUS STOP BOARDING AND LANDING AREAS SHALL BE MAINTAINED DURING CONSTRUCTION. COORDINATE BUS STOP LOCATIONS AND ACCESS WITH LEETRAN AT (239) 533-8726, TWO WEEKS PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT INTERFERE WITH NORMAL BUS OPERATIONS.
10. MAINTAIN ADA COMPLIANT PEDESTRIAN ACCESS TO BUS STOPS.
11. ALL LANES ON SR 739 MUST BE OPEN FOR TRAFFIC ON WEEKENDS AND DURING EVACUATION NOTICES FOR CATASTROPHIC EVENTS (HURRICANES, FLOODING, ETC.).

TEMPORARY TRAFFIC CONTROL PLAN (TTCP) SHEET INDEX:

SHEET NO.	DESCRIPTION
TTCP (1)	GENERAL NOTES
TTCP (2)	ADVANCE SIGNING DETAILS
TTCP (3)	TWO-WAY LEFT TURN CLOSURE DETAILS
TTCP (4) - (5)	PHASING NOTES
TTCP (6)	SR 739 PHASE I & II (SCHEME I) TTC TYPICAL SECTIONS
TTCP (7)	SR 78 PHASE II TTC TYPICAL SECTION
TTCP (8)	SR 739 PHASE III & IV (SCHEME I) TTC TYPICAL SECTIONS
TTCP (9)	SR 739 PHASE I & II (SCHEME II) TTC TYPICAL SECTIONS
TTCP (10)	SR 739 PHASE III & IV (SCHEME II) TTC TYPICAL SECTIONS
TTCP (11) - (12)	PHASE ID
TTCP (13) - (14)	PHASE IE
TTCP (15) - (17)	PEDESTRIAN DETOUR/SIDEWALK CLOSURE DETAILS
TTCP (18)	SR 78 PEDESTRIAN DETOUR DETAILS
TTCP (19)	WB PONDELLA RD. (CR 78A) DETOUR
TTCP (20)	SB SR 739 DETOUR
TTCP (21)	EB SR 78 DETOUR
TTCP (22)	WB SR 78 DETOUR
TTCP (23)	TEMPORARY TRAFFIC SIGNAL

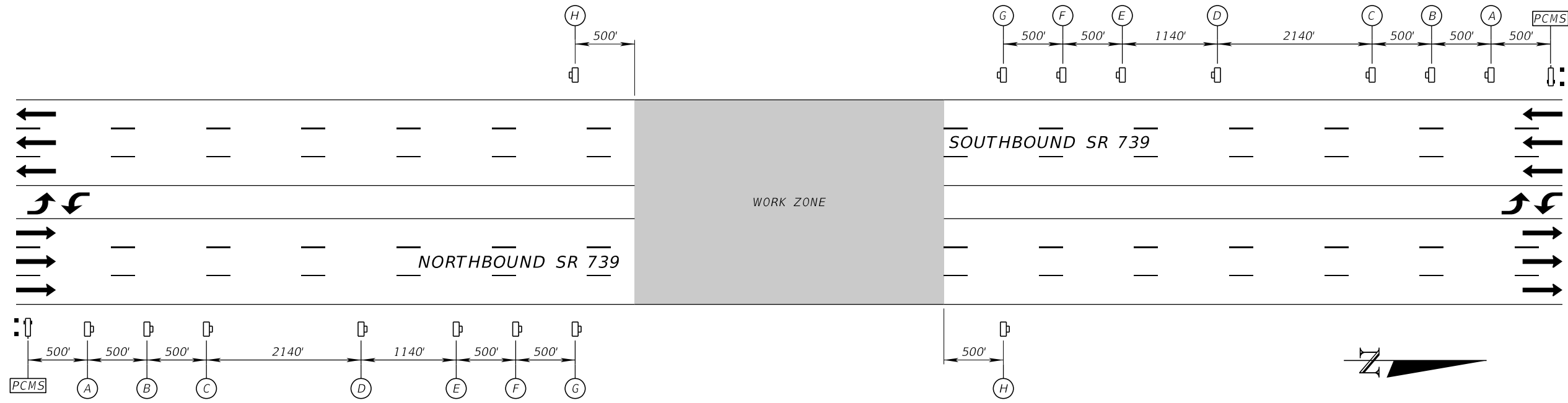
GENERAL NOTES

TEMPORARY TRAFFIC CONTROL PLAN (1)

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MARGARET A. VAN DEN AVONT, P.E. LICENSE NUMBER: 92701 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 739	LEE	446293-1-52-01	53

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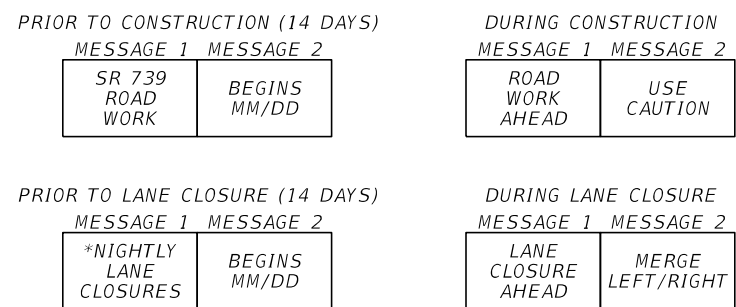
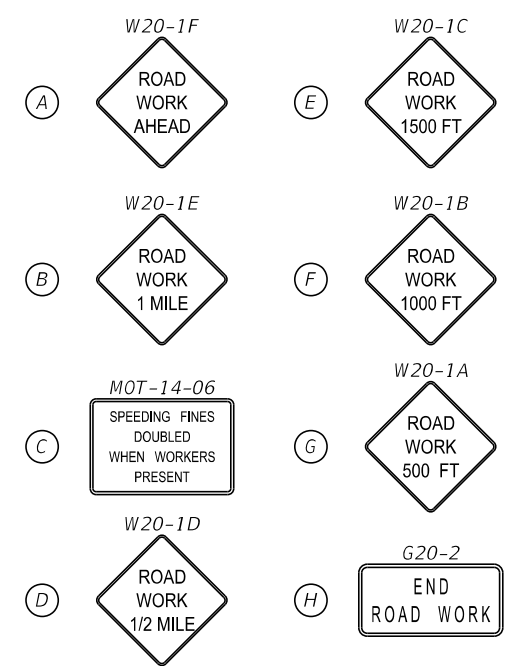


LEGEND:

- LANE IDENTIFICATION & DIRECTION OF TRAVEL
- PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS)
- WORK ZONE SIGN
- CHANNELIZING DEVICES (SEE INDEX 102-600)
- WORK ZONE

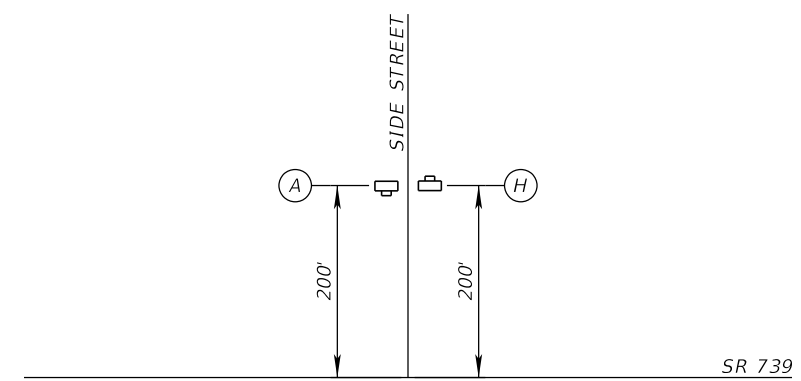
ADVANCE SIGNING DETAIL
N.T.S

WORK ZONE SIGNS:



* AS APPROPRIATE

TYPICAL PCMS SIGNS DETAILS



SIDE STREET ADVANCE SIGNING DETAIL
N.T.S

- NAMED SIDE STREETS**
- WEST NORTH SHORE AVENUE
 - OAK AVENUE/EAST NORTH SHORE AVENUE
 - CABANA AVENUE
 - CYPRESS STREET
 - PONDELLA ROAD/CARDINAL DRIVE
 - WILLIS ROAD
 - RIVER ROAD/BROOKS ROAD
 - EVERGREEN ROAD
 - CRESCENT LAKE DRIVE
 - WEST MARIANA AVENUE/EAST MARIANA AVENUE
 - BECKER DRIVE

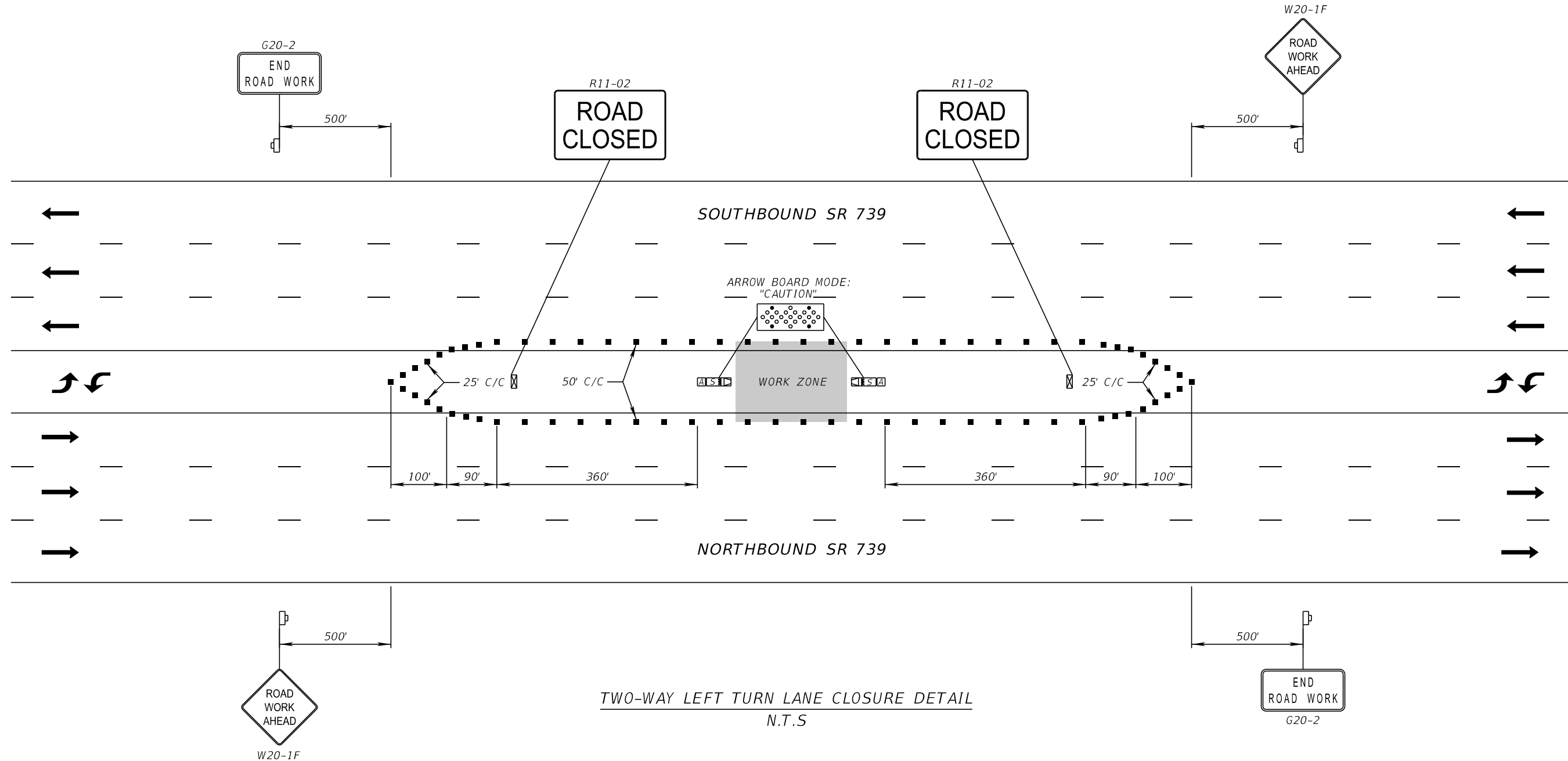
ADVANCE SIGNING DETAILS

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN (2)	SHEET NO. 54
DATE	DESCRIPTION	DATE	DESCRIPTION	MARGARET A. VAN DEN AVONT, P.E. LICENSE NUMBER: 92701 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 739	LEE	446293-1-52-01		

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NOTES:
 1. SHADOW VEHICLES TO BE UTILIZED DURING ACTIVE WORK PERIOD.



TWO-WAY LEFT TURN LANE CLOSURE DETAIL
 N.T.S

LEGEND:

- LANE IDENTIFICATION AND DIRECTION OF TRAVEL
- WORK ZONE SIGN
- CHANNELIZING DEVICES (SEE INDEX 102-600)
- TRUCK MOUNTED ATTENUATOR (TMA)
- SHADOW (S) VEHICLE WITH ADVANCE WARNING ARROW PANEL AND WARNING SIGN
- TYPE III BARRICADE

TWO-WAY LEFT TURN CLOSURE DETAIL

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN (3)	SHEET NO. 55
DATE	DESCRIPTION	DATE	DESCRIPTION	MARGARET A. VAN DEN AVONT, P.E. LICENSE NUMBER: 92701 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 739	LEE	446293-1-52-01		

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PHASING NOTES

PHASE I NOTES:

SR 739

1. THE INTENT OF THIS PHASE IS TO INSTALL TEMPORARY TRAFFIC CONTROL (TTC) DEVICES AND EROSION CONTROL DEVICES THROUGHOUT THE PROJECT LIMITS.
2. INSTALL ADVANCE WARNING SIGNS, TRAFFIC CONTROL DEVICES AND EROSION CONTROL DEVICES PER STANDARD PLANS INDEX 102-600, 102-613 AND THE ADVANCE SIGNING DETAIL PER THIS TTC PLAN.

PHASE IA NOTES:

SR 739

1. THE INTENT OF THIS PHASE IS TO CONSTRUCT THE MID BLOCK CROSSING NORTH OF WEST NORTH SHORE AVENUE, THE CURB RAMPS AT WEST NORTH SHORE AVENUE AND DRAINAGE LATERALS CROSSING SR 739.
2. MAINTAIN TWO LANES OF TRAFFIC IN EACH DIRECTION UTILIZING A SINGLE LANE CLOSURE PER STANDARD PLANS INDEX 102-600, 102-613, 102-615, THE PHASE I (SCHEME I/II) TTC TYPICAL SECTIONS AND THE TWO-WAY LEFT TURN CLOSURE DETAIL.
3. CONSTRUCT THE MID BLOCK CROSSING AND CURB RAMPS AT WEST NORTH SHORE AVENUE USING STANDARD PLANS INDEX 102-600 IN CONJUNCTION WITH THE PEDESTRIAN DETOUR/SIDEWALK CLOSURE DETAIL FOR WEST NORTH SHORE AVENUE.
4. MAINTAIN A SINGLE LANE OF TRAFFIC IN THE NORTHBOUND DIRECTION UTILIZING A DUAL LANE CLOSURE PER STANDARD PLANS INDEX 102-600, 102-613 AND 102-615 TO CLOSE THE OUTSIDE AND CENTER TRAVEL LANES. CONSTRUCT THE DRAINAGE LATERALS FROM EXISTING DRAINAGE STRUCTURES (ST-61, ST-69, ST-78, ST-95, ST-100 AND ST-106) TO THE MIDDLE OF THE CENTER TRAVEL LANE.
5. MAINTAIN A SINGLE LANE OF TRAFFIC IN THE NORTHBOUND DIRECTION UTILIZING A DUAL LANE CLOSURE PER STANDARD PLANS INDEX 102-600, 102-613 AND 102-615 TO CLOSE THE INSIDE AND CENTER TRAVEL LANES. CONTINUE CONSTRUCTING THE DRAINAGE LATERALS UP TO THE TWO-WAY LEFT TURN LANE.

PHASE IB NOTES:

SR 739

1. THE INTENT OF THIS PHASE IS TO CONVERT THE EXISTING TWO-WAY LEFT TURN LANE INTO A RAISED MEDIAN THROUGHOUT THE PROJECT LIMITS AND CONSTRUCT DRAINAGE IMPROVEMENTS AND INLETS.
2. MAINTAIN THREE LANES OF TRAFFIC IN EACH DIRECTION PER STANDARD PLANS INDEX 102-600, 102-628, THE PHASE I (SCHEME I/II) TTC TYPICAL SECTIONS AND THE TWO-WAY LEFT TURN CLOSURE DETAIL.
3. CONSTRUCT THE PROPOSED CURB AND GUTTER MEDIAN, TRAFFIC SEPARATORS, DRAINAGE IMPROVEMENTS AND MID BLOCK CROSSING AT MARIANA AVENUE.

PHASE IC NOTES:

SR 739

1. THE INTENT OF THIS PHASE IS TO RECONSTRUCT A PORTION OF THE NORTHWEST QUADRANT AT THE INTERSECTION OF SR 739 AND PONDELLA ROAD.
2. CLOSE OUTSIDE WESTBOUND LANE OF PONDELLA ROAD, THE SOUTHBOUND OUTSIDE LANE OF SR 739, THE OUTSIDE LEFT TURN LANE TO PONDELLA ROAD FROM NORTHBOUND SR 739, AND THE WESTBOUND TRAFFIC ON CARDINAL DRIVE PER STANDARD PLANS INDEX 102-600, 102-613, 102-615 AND THE DETOUR SHEETS.
3. CONSTRUCT A PORTION OF THE PROPOSED RECONSTRUCTION PAVEMENT.

PHASE ID NOTES:

SR 739

1. THE INTENT OF THIS PHASE IS TO RECONSTRUCT A PORTION OF THE NORTHWEST QUADRANT AT THE INTERSECTION OF SR 739 AND PONDELLA ROAD.
2. CLOSE THE SOUTHBOUND OUTSIDE LANE OF SR 739, THE OUTSIDE LEFT TURN LANE TO PONDELLA ROAD FROM NORTHBOUND SR 739, AND THE WESTBOUND TRAFFIC ON CARDINAL DRIVE PER STANDARD PLANS INDEX 102-120, 102-600, 102-613, 102-615, THE PHASE ID TTC PLAN SHEET, AND DETOUR SHEETS.
3. CONSTRUCT THE REMAINING PORTION OF THE PROPOSED RECONSTRUCTION PAVEMENT, CURB AND GUTTER AND DRAINAGE IMPROVEMENTS.

PHASE IE NOTES:

SR 739

1. THE INTENT OF THIS PHASE IS TO RECONSTRUCT THE REMAINING PORTION OF THE NORTHWEST QUADRANT AT THE INTERSECTION OF SR 739 AND PONDELLA RD.
2. CLOSE THE SOUTHBOUND OUTSIDE LANE OF SR 739, THE OUTSIDE LEFT TURN LANE TO PONDELLA ROAD FROM NORTHBOUND SR 739, AND THE WESTBOUND TRAFFIC ON CARDINAL DRIVE PER STANDARD PLANS INDEX 102-120, 102-600, 102-613, 102-615, 102-660, THE PHASE IE TTC PLAN SHEET, AND DETOUR SHEETS.
3. CONSTRUCT THE PROPOSED CURB RAMPS AND SIDEWALK.
4. PLACE TEMPORARY STRIPING AND RESTORE TRAFFIC FOR ALL LANES.

PHASE IF NOTES:

SR 739

1. THE INTENT OF THIS PHASE IS TO RECONSTRUCT THE SOUTHWEST QUADRANT AT THE INTERSECTION OF SR 739 AND PONDELLA RD.
2. CLOSE THE SOUTHBOUND OUTSIDE LANE OF SR 739 AND THE RIGHT TURN LANES TO SOUTHBOUND SR 739 FROM PONDELLA ROAD PER STANDARD PLANS INDEX 102-600, 102-613, 102-615, 102-660, THE PEDESTRIAN DETOUR/SIDEWALK CLOSURE DETAILS, AND THE DETOUR SHEETS.
3. CONSTRUCT THE PROPOSED RECONSTRUCTION PAVEMENT.
4. PLACE TEMPORARY STRIPING AND RESTORE TRAFFIC FOR ALL LANES.

PHASE II NOTES:

SR 739

1. THE INTENT OF THIS PHASE IS TO CONSTRUCT DRAINAGE IMPROVEMENTS, LIGHTING, SIDEWALK AND CURB RAMPS WITHIN THE TANGENT SECTIONS (SCHEME I). MILL AND RESURFACE THE OUTSIDE LANES IN TANGENT SECTIONS (SCHEME I) AND INSIDE LANES IN THE SUPERELEVATION SECTIONS (SCHEME II).
2. MAINTAIN TWO LANES OF TRAFFIC IN EACH DIRECTION UTILIZING A SINGLE LANE CLOSURE PER STANDARD PLANS INDEX 102-600, 102-613, 102-615 AND THE PHASE II (SCHEME I/II) TTC TYPICAL SECTIONS.
3. CONSTRUCT DRAINAGE IMPROVEMENTS, LIGHTING, SIDEWALK, CURB RAMPS WITHIN THE TANGENT SECTIONS UTILIZING STANDARD PLANS INDEX 102-600 AND THE PEDESTRIAN DETOUR/SIDEWALK CLOSURE DETAILS.
4. MILL AND RESURFACE THE ROADWAY WITHIN THE WORK ZONE UP TO THE FINAL STRUCTURAL COURSE.
5. PLACE TEMPORARY STRIPING AND RESTORE TRAFFIC FOR ALL LANES.

PHASING NOTES

TEMPORARY TRAFFIC CONTROL PLAN (4)

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MARGARET A. VAN DEN AVONT, P.E. LICENSE NUMBER: 92701 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 739	LEE	446293-1-52-01	56

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PHASING NOTES CONTINUED

PHASE II NOTES CONTINUED:

SR 78

1. THE INTENT OF THIS PHASE IS TO CONSTRUCT DRAINAGE IMPROVEMENTS, CURB AND GUTTER, SIDEWALK AND CURB RAMPS AND TO REMOVE THE EXISTING ACCELERATION LANES ALONG SR 78. MILL AND RESURFACE THE OUTSIDE BIKE LANE.
2. CONSTRUCT DRAINAGE IMPROVEMENTS, CURB AND GUTTER, SIDEWALK, CURB RAMPS WITHIN THE WORK ZONE UTILIZING STANDARD PLANS INDEX 102-600 AND THE SR 78 PEDESTRIAN DETOUR DETAIL SHEET.
3. MAINTAIN A SINGLE LANE OF TRAFFIC IN EACH DIRECTION UTILIZING A SINGLE LANE CLOSURE PER STANDARD PLANS INDEX 102-600, 102-613, 102-615, THE PHASE II TTC TYPICAL SECTIONS, AND THE DETOUR SHEETS.
4. MILL AND RESURFACE THE ROADWAY WITHIN THE WORK ZONE UP TO THE FINAL STRUCTURAL COURSE.
5. PLACE TEMPORARY STRIPING AND RESTORE TRAFFIC FOR ALL LANES.

PHASE III NOTES:

SR 739

1. THE INTENT OF THIS PHASE IS TO MILL AND RESURFACE THE CENTER LANES.
2. MAINTAIN A SINGLE LANE OF TRAFFIC IN EACH DIRECTION UTILIZING A DUAL LANE CLOSURE PER STANDARD PLANS INDEX 102-600, 102-613, 102-615 AND THE PHASE III (SCHEME I/II) TTC TYPICAL SECTIONS.
3. MILL AND RESURFACE THE CENTER LANES WITHIN THE WORK ZONE UP TO THE FINAL STRUCTURAL COURSE.
4. PLACE TEMPORARY STRIPING AND RESTORE TRAFFIC FOR ALL LANES.

PHASE IV NOTES:

SR 739

1. THE INTENT OF THIS PHASE IS TO CONSTRUCT DRAINAGE IMPROVEMENTS, SIDEWALK AND CURB RAMPS WITHIN THE SUPERELEVATED SECTIONS (SCHEME II). MILL AND RESURFACE THE INSIDE LANES AND LEFT TURN LANES IN TANGENT SECTIONS (SCHEME I) AND OUTSIDE LANES AND RIGHT TURN LANES IN THE SUPERELEVATION SECTIONS (SCHEME II).
2. MAINTAIN TWO LANES OF TRAFFIC IN EACH DIRECTION UTILIZING A SINGLE LANE CLOSURE PER STANDARD PLANS INDEX 102-600, 102-613, 102-615 AND THE PHASE IV (SCHEME I/II) TTC TYPICAL SECTIONS.
3. CONSTRUCT DRAINAGE IMPROVEMENTS, SIDEWALK, CURB RAMPS WITHIN THE SUPERELEVATED SECTIONS UTILIZING STANDARD PLANS INDEX 102-600 AND THE PEDESTRIAN DETOUR/SIDEWALK CLOSURE DETAILS.
4. MILL AND RESURFACE THE ROADWAY WITHIN THE WORK ZONE UP TO THE FINAL STRUCTURAL COURSE.
5. PLACE TEMPORARY STRIPING AND RESTORE TRAFFIC FOR ALL LANES.

PHASE V NOTES:

SR 739

1. THE INTENT OF THIS PHASE IS TO MILL AND RESURFACE THE SIDE STREETS, PLACE THE FINAL FRICTION COURSE LAYER AND PAVEMENT MARKINGS FOR ALL TRAVEL LANES.
2. UTILIZING STANDARD PLANS INDEX 102-600, 102-613, 102-615 AND THE PHASE I, II, III AND IV (SCHEME I/II) TTC TYPICAL SECTIONS, MILL AND RESURFACE THE SIDE STREETS, PLACE THE FINAL FRICTION COURSE ON ALL TRAVEL LANES, AND FINAL PAVEMENT MARKINGS PER THE SIGNING AND PAVEMENT MARKING PLANS.
3. RESTORE TRAFFIC AND REMOVE TTC DEVICES AND EROSION CONTROL DEVICES.

SR 78

1. THE INTENT OF THIS PHASE IS TO PLACE THE FINAL FRICTION COURSE LAYER AND PAVEMENT MARKINGS ALONG SR 78.
2. UTILIZING STANDARD PLANS INDEX 102-600, 102-613, 102-615, THE PHASE II TTC TYPICAL SECTION, AND THE DETOUR SHEETS, PLACE THE FINAL FRICTION COURSE AND FINAL PAVEMENT MARKINGS PER THE SIGNING AND PAVEMENT MARKING PLANS ALONG SR 78.
3. RESTORE TRAFFIC AND REMOVE TTC DEVICES AND EROSION CONTROL DEVICES.

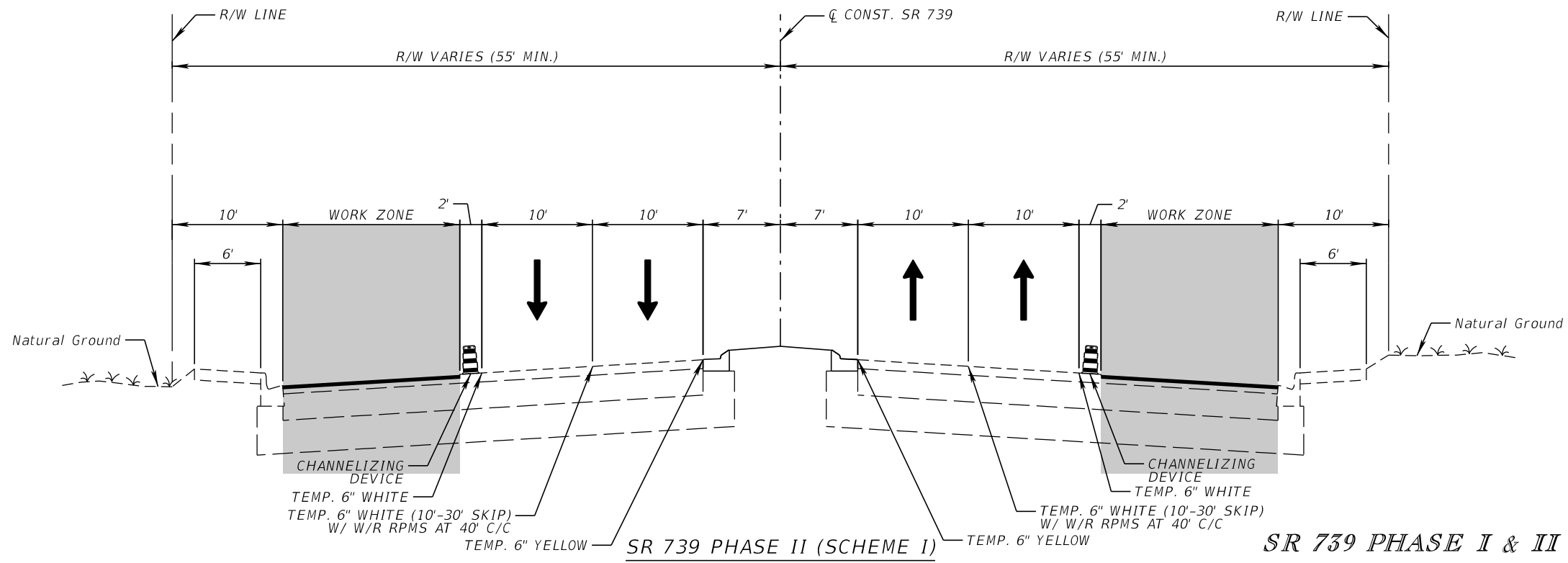
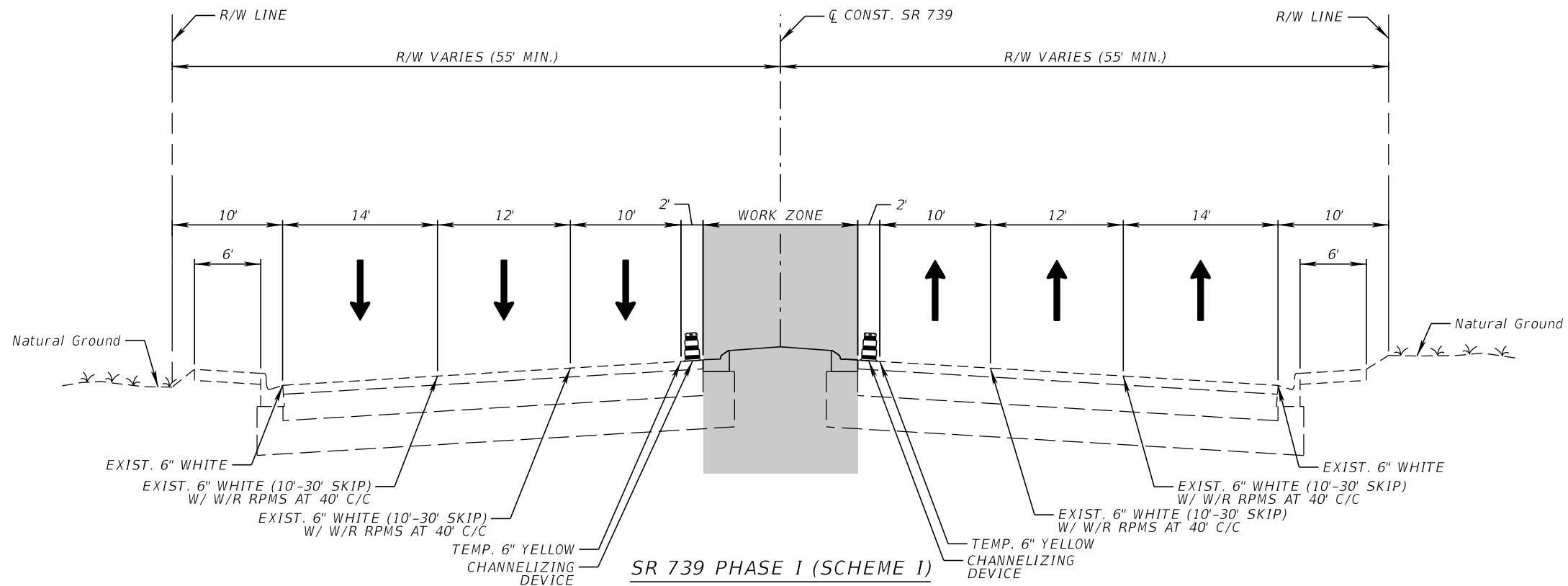
PHASE MAST ARM/SIGNALIZATION NOTES:

1. THE INTENT OF THIS PHASE IS TO INSTALL THE PROPOSED MAST ARMS AND SIGNALIZATION DEVICES AT PONDELLA ROAD AND BOTH MID BLOCK CROSSINGS.
2. THIS PHASE IS INTENDED TO BE INDEPENDENT OF THE ROADWAY TTC PHASING.
3. INSTALL THE TEMPORARY SIGNAL PER THE TEMPORARY SIGNAL PLAN SHEET, AND THE SIGNAL CABINET, PULL BOXES, PEDESTRIAN FEATURES PER THE SIGNALIZATION PLANS. REMOVE THE EXISTING CABINET AND STRAIN POLES PER STANDARD PLANS INDEX 102-600, 102-613, 102-615, 102-660.
4. INSTALL PROPOSED MAST ARMS AND SIGNALIZATION EQUIPMENT PER THE SIGNALIZATION AND STRUCTURAL PLANS AT PONDELLA ROAD AND THE TWO MID BLOCK CROSSINGS.
5. MAKE OPERATIONAL THE NEW SIGNALS AND REMOVE THE TEMPORARY TRAFFIC SIGNAL.

PHASING NOTES

TEMPORARY TRAFFIC CONTROL PLAN (5)

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MARGARET A. VAN DEN AVONT, P.E. LICENSE NUMBER: 92701 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 739	LEE	446293-1-52-01	57

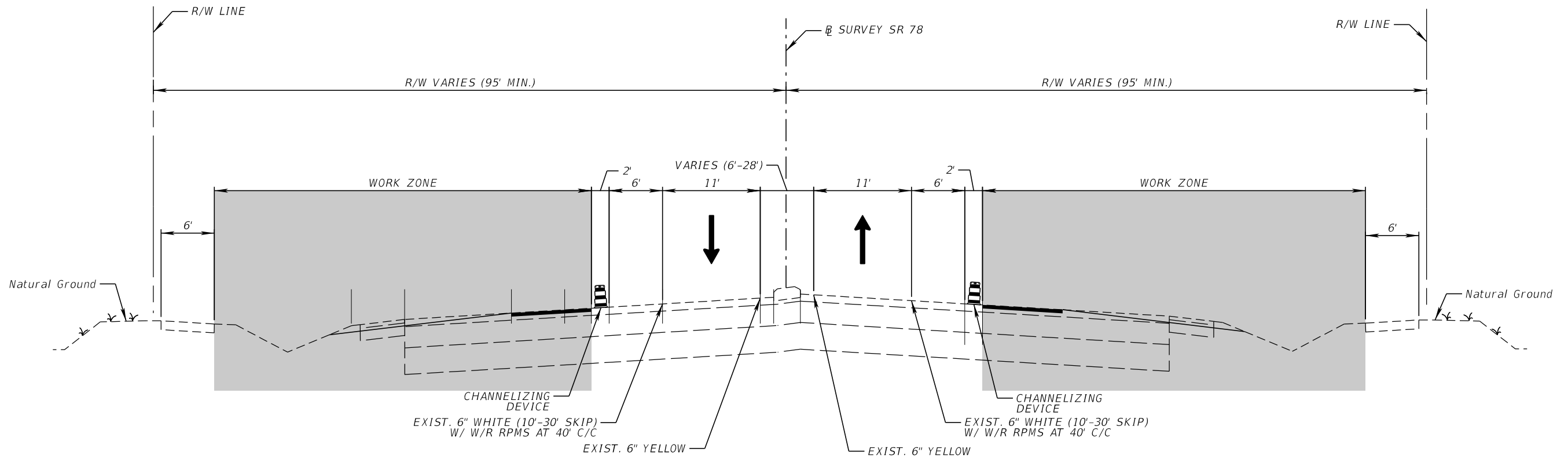


**SR 739 PHASE I & II (SCHEME I)
TTC TYPICAL SECTIONS**

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN (6)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MARGARET A. VAN DEN AVONT, P.E. LICENSE NUMBER: 92701 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		58
						SR 739	LEE	446293-1-52-01		

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SR 78 PHASE II

SR 78 PHASE II TTC TYPICAL SECTION

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

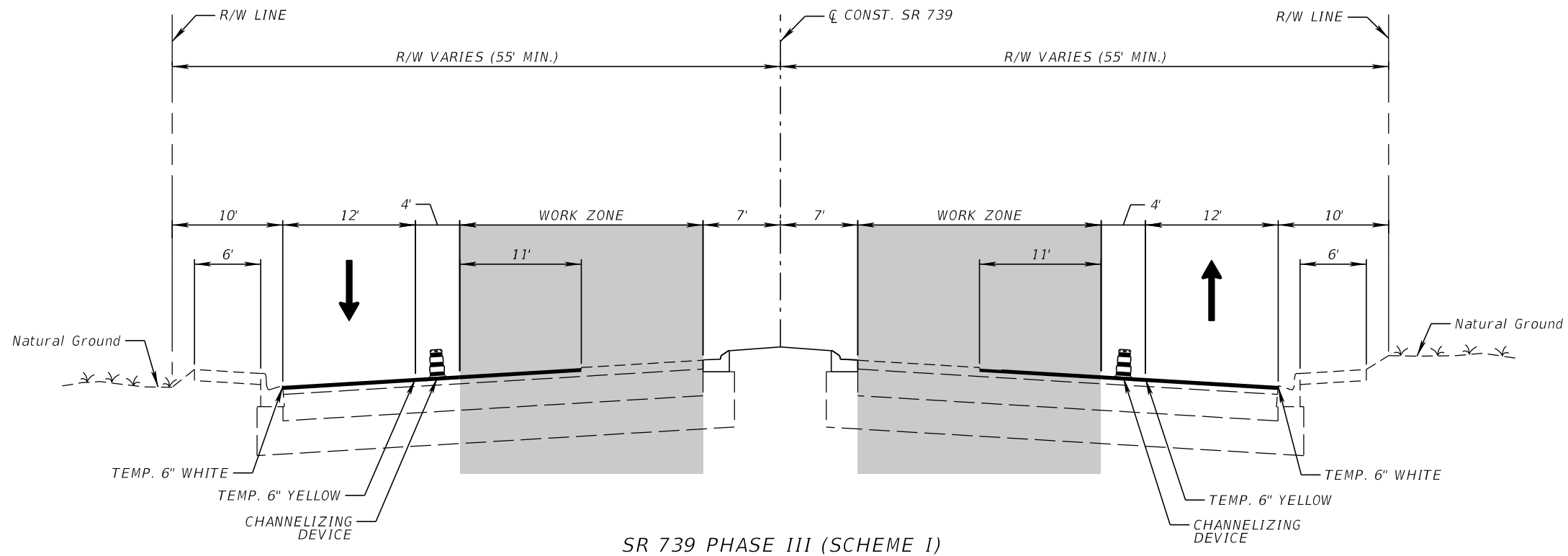
ENGINEER OF RECORD
 MARGARET A. VAN DEN AVONT, P.E.
 LICENSE NUMBER: 92701
 AVANT ENGINEERING GROUP, LLC
 2699 LEE ROAD, SUITE 401
 WINTER PARK, FL 32789

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 739	LEE	446293-1-52-01

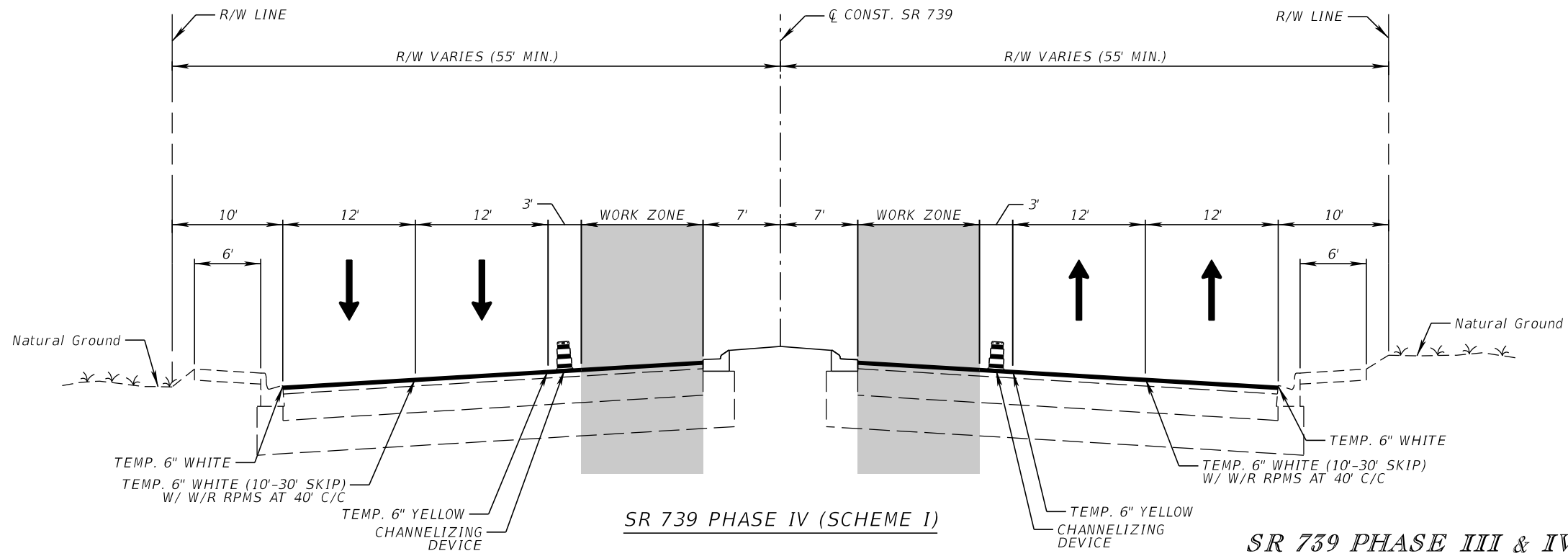
*TEMPORARY TRAFFIC
CONTROL PLAN (7)*

SHEET
NO.
59

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SR 739 PHASE III (SCHEME I)



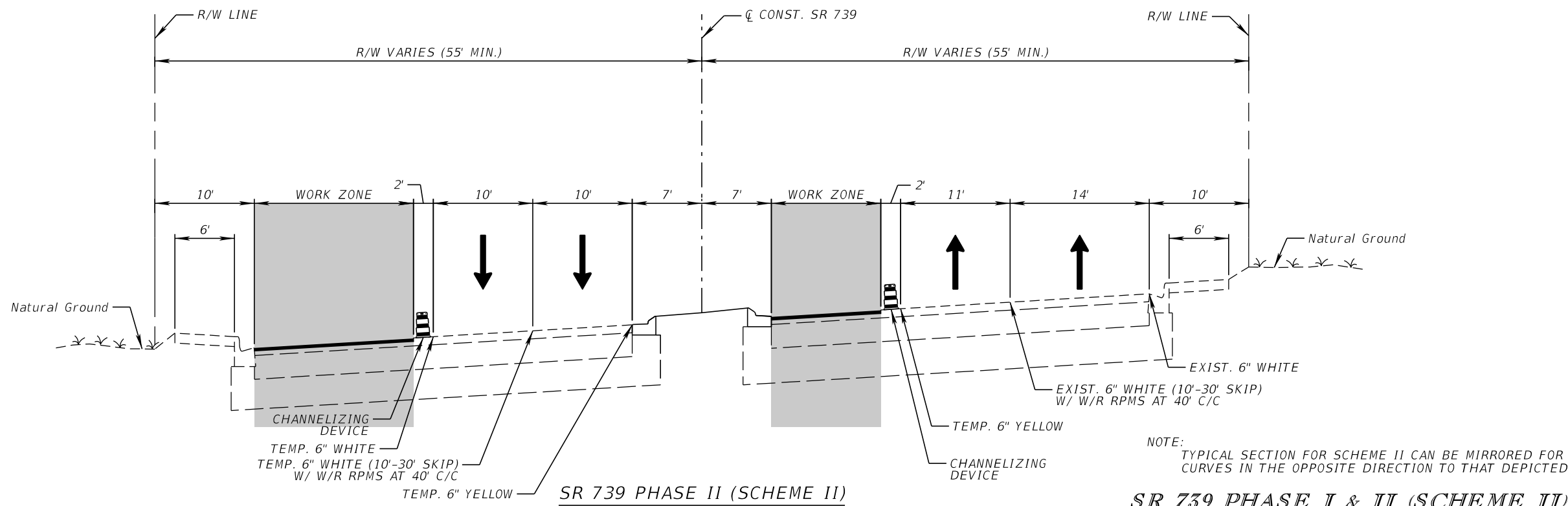
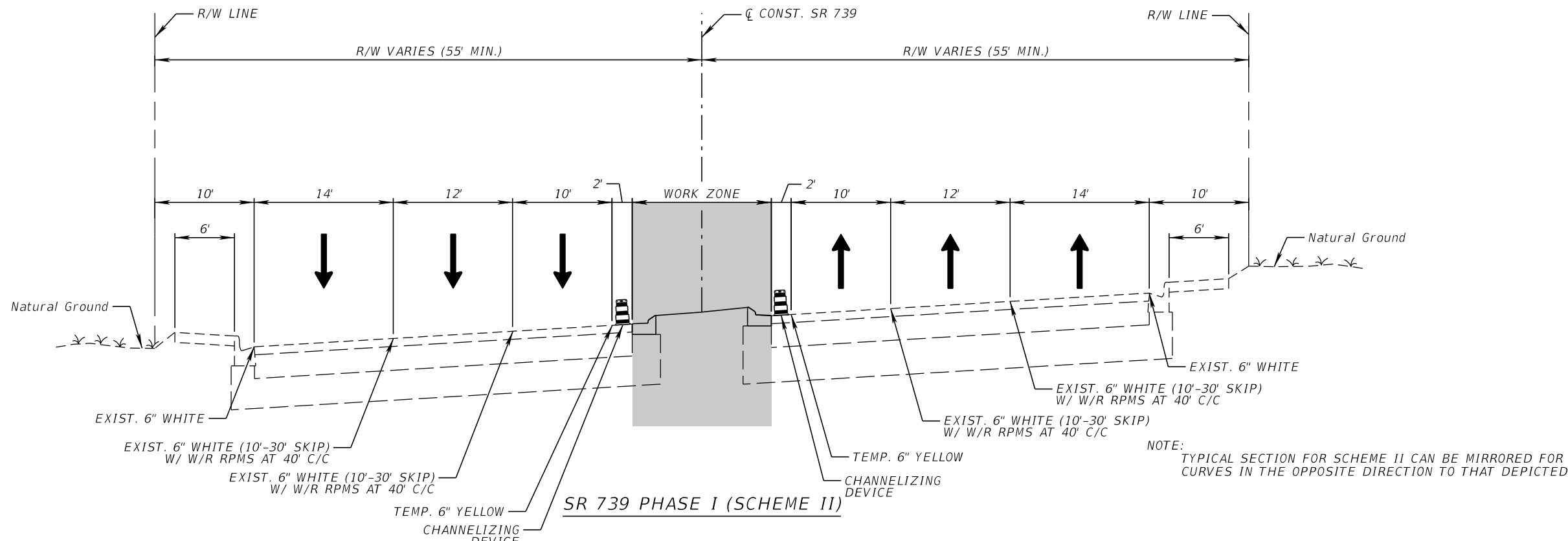
SR 739 PHASE IV (SCHEME I)

SR 739 PHASE III & IV (SCHEME I)
TTC TYPICAL SECTIONS

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN (8)	SHEET NO. 60
DATE	DESCRIPTION	DATE	DESCRIPTION	MARGARET A. VAN DEN AVONT, P.E. LICENSE NUMBER: 92701 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 739	LEE	446293-1-52-01					

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NOTE:
TYPICAL SECTION FOR SCHEME II CAN BE MIRRORED FOR
CURVES IN THE OPPOSITE DIRECTION TO THAT DEPICTED.

NOTE:
TYPICAL SECTION FOR SCHEME II CAN BE MIRRORED FOR
CURVES IN THE OPPOSITE DIRECTION TO THAT DEPICTED.

**SR 739 PHASE I & II (SCHEME II)
TTC TYPICAL SECTIONS**

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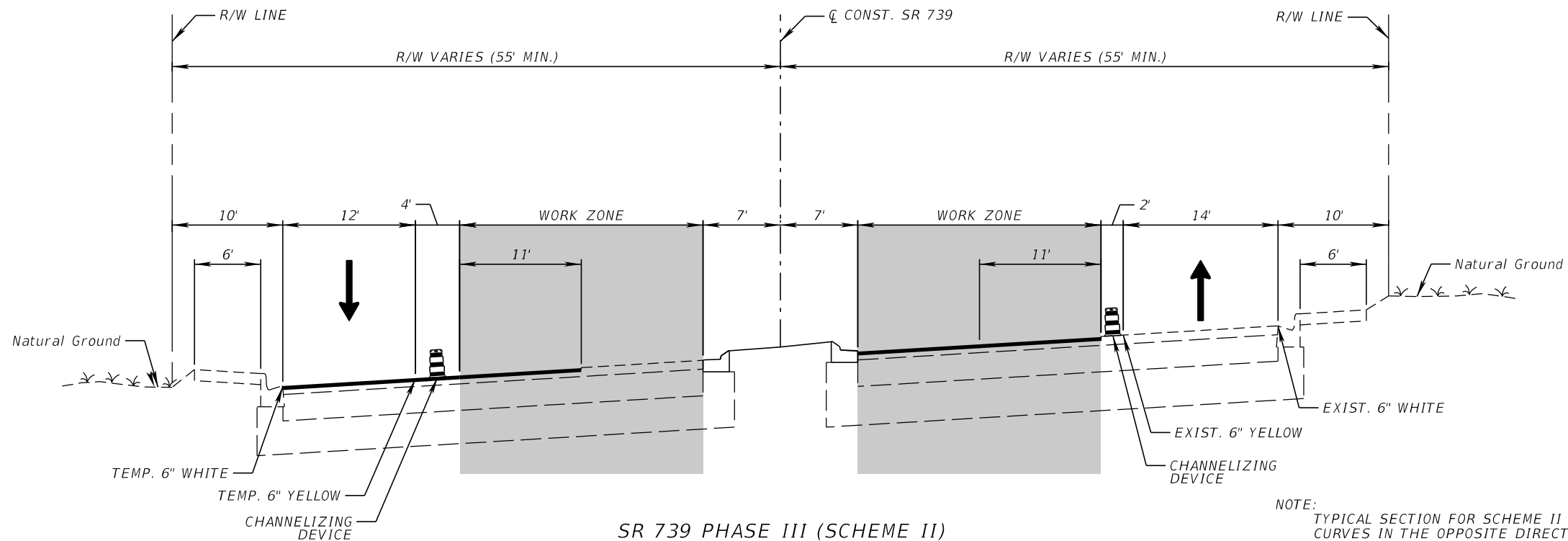
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
MARGARET A. VAN DEN AVONT, P.E.
LICENSE NUMBER: 92701
AVANT ENGINEERING GROUP, LLC
2699 LEE ROAD, SUITE 401
WINTER PARK, FL 32789

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 739	LEE	446293-1-52-01

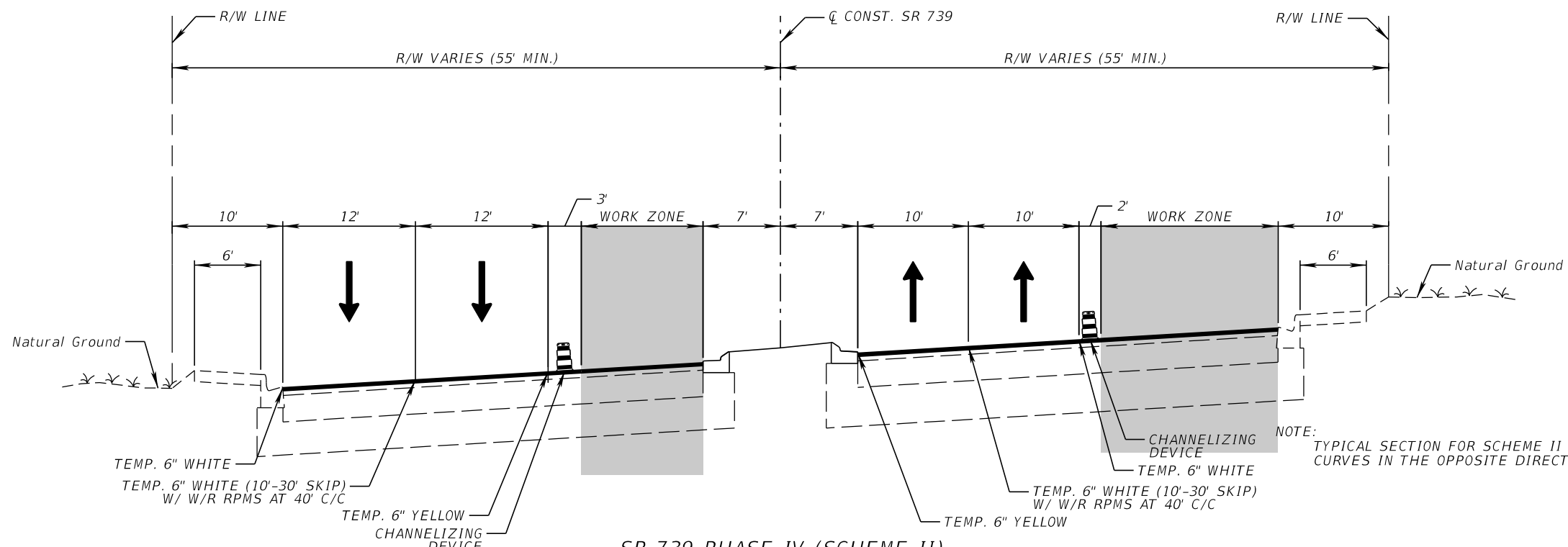
TEMPORARY TRAFFIC CONTROL PLAN (9)	SHEET NO. 61
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SR 739 PHASE III (SCHEME II)

NOTE: TYPICAL SECTION FOR SCHEME II CAN BE MIRRORED FOR CURVES IN THE OPPOSITE DIRECTION TO THAT DEPICTED.



SR 739 PHASE IV (SCHEME II)

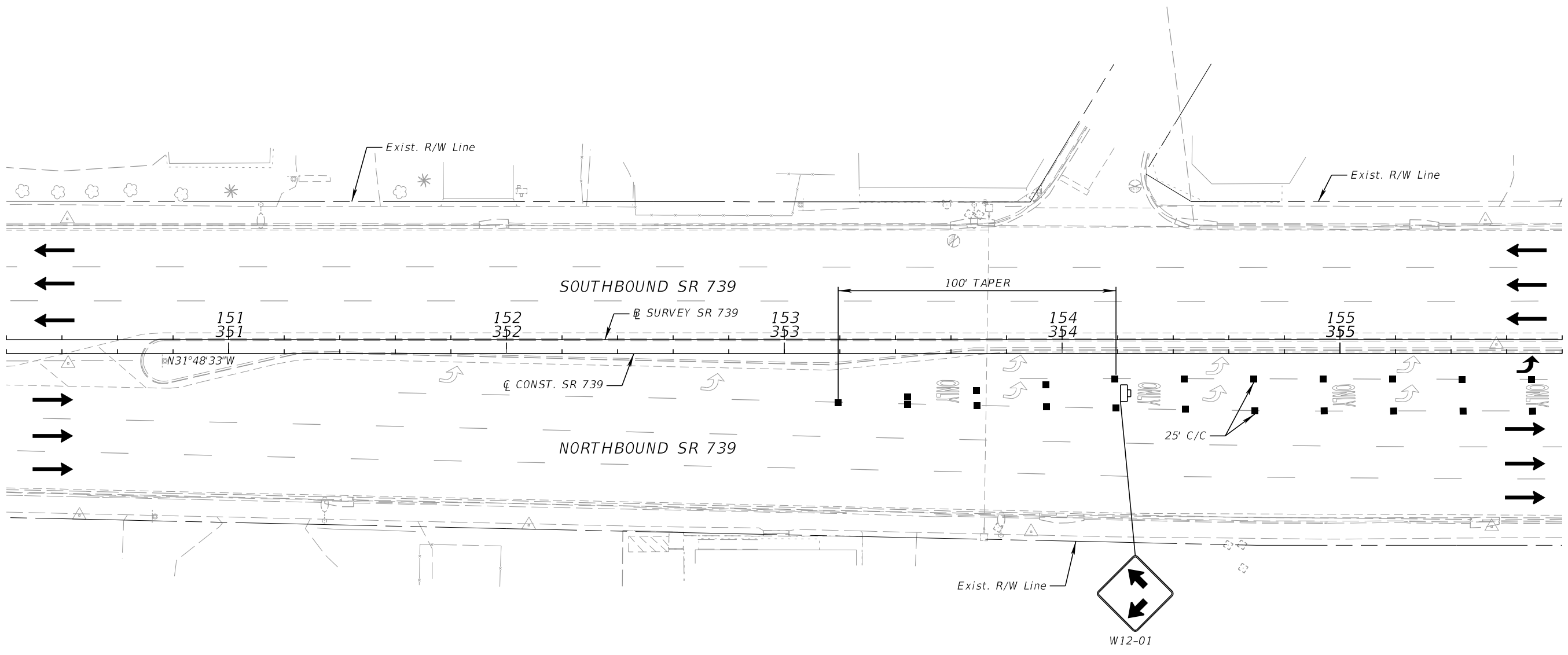
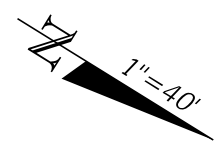
NOTE: TYPICAL SECTION FOR SCHEME II CAN BE MIRRORED FOR CURVES IN THE OPPOSITE DIRECTION TO THAT DEPICTED.

SR 739 PHASE III & IV (SCHEME II)
TTC TYPICAL SECTIONS

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MARGARET A. VAN DEN AVONT, P.E. LICENSE NUMBER: 92701 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 739	LEE	446293-1-52-01	

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- LEGEND:**
- CHANNELIZING DEVICE (SEE INDEX 102-600)
 - ➔ LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
 - ◻ WORK ZONE SIGN

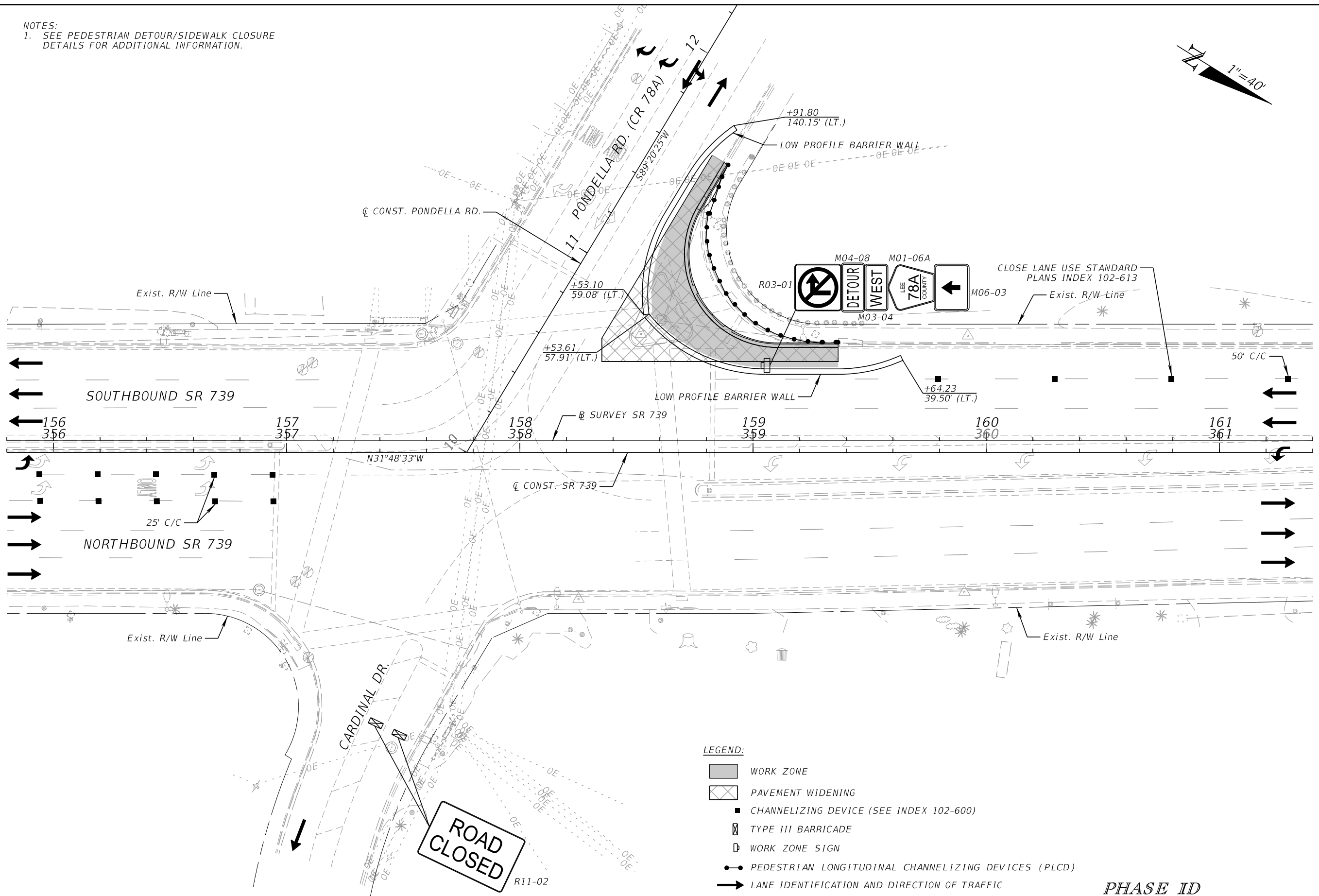
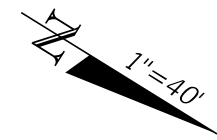
PHASE ID

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN (11)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MARGARET A. VAN DEN AVONT, P.E. LICENSE NUMBER: 92701 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		63
						SR 739	LEE	446293-1-52-01		

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NOTES:
 1. SEE PEDESTRIAN DETOUR/SIDEWALK CLOSURE
 DETAILS FOR ADDITIONAL INFORMATION.



LEGEND:

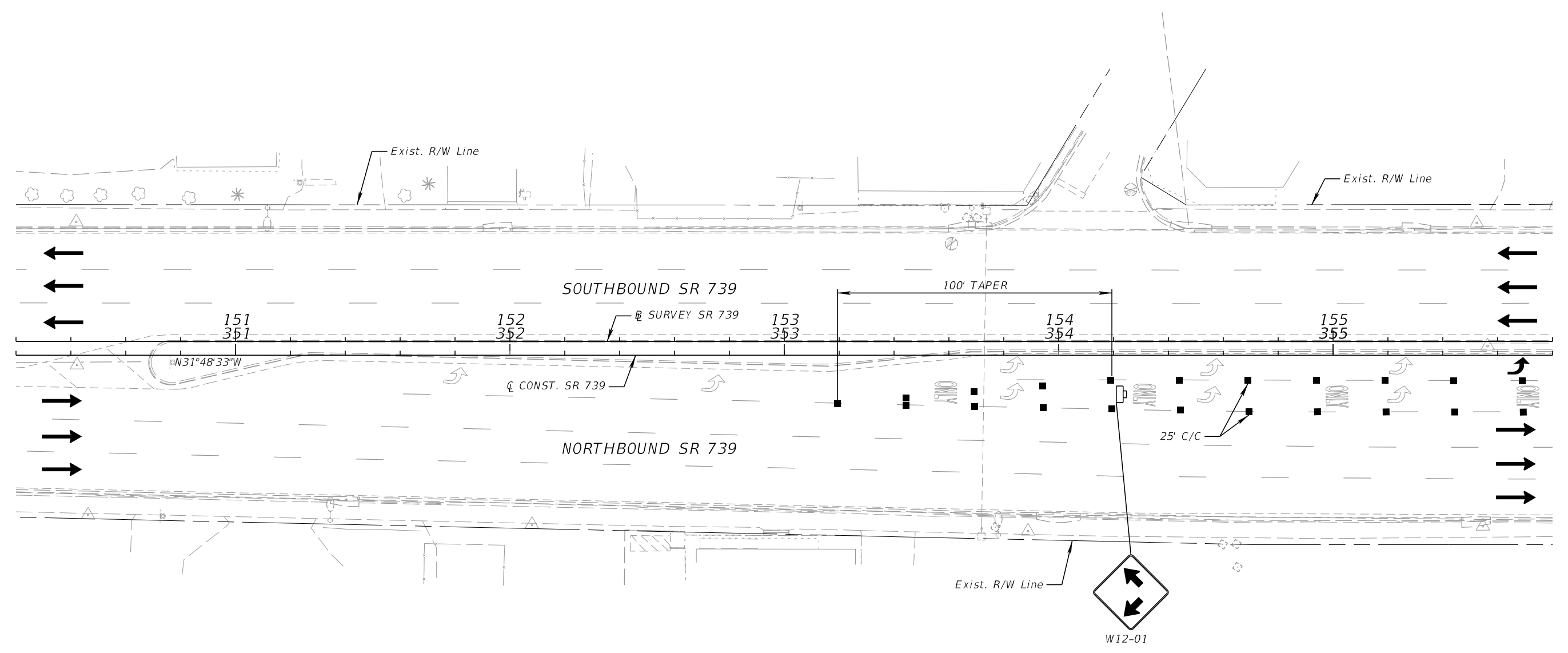
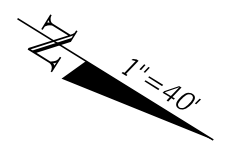
- WORK ZONE
- PAVEMENT WIDENING
- CHANNELIZING DEVICE (SEE INDEX 102-600)
- TYPE III BARRICADE
- WORK ZONE SIGN
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES (PLCD)
- LANE IDENTIFICATION AND DIRECTION OF TRAFFIC

PHASE ID

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				MARGARET A. VAN DEN AVONT, P.E. LICENSE NUMBER: 92701 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789	SR 739	LEE	446293-1-52-01	TEMPORARY TRAFFIC CONTROL PLAN (12) 64

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- LEGEND:**
- CHANNELIZING DEVICE (SEE INDEX 102-600)
 - LANE IDENTIFICATION AND DIRECTION OF TRAFFIC
 - WORK ZONE SIGN

PHASE I/E

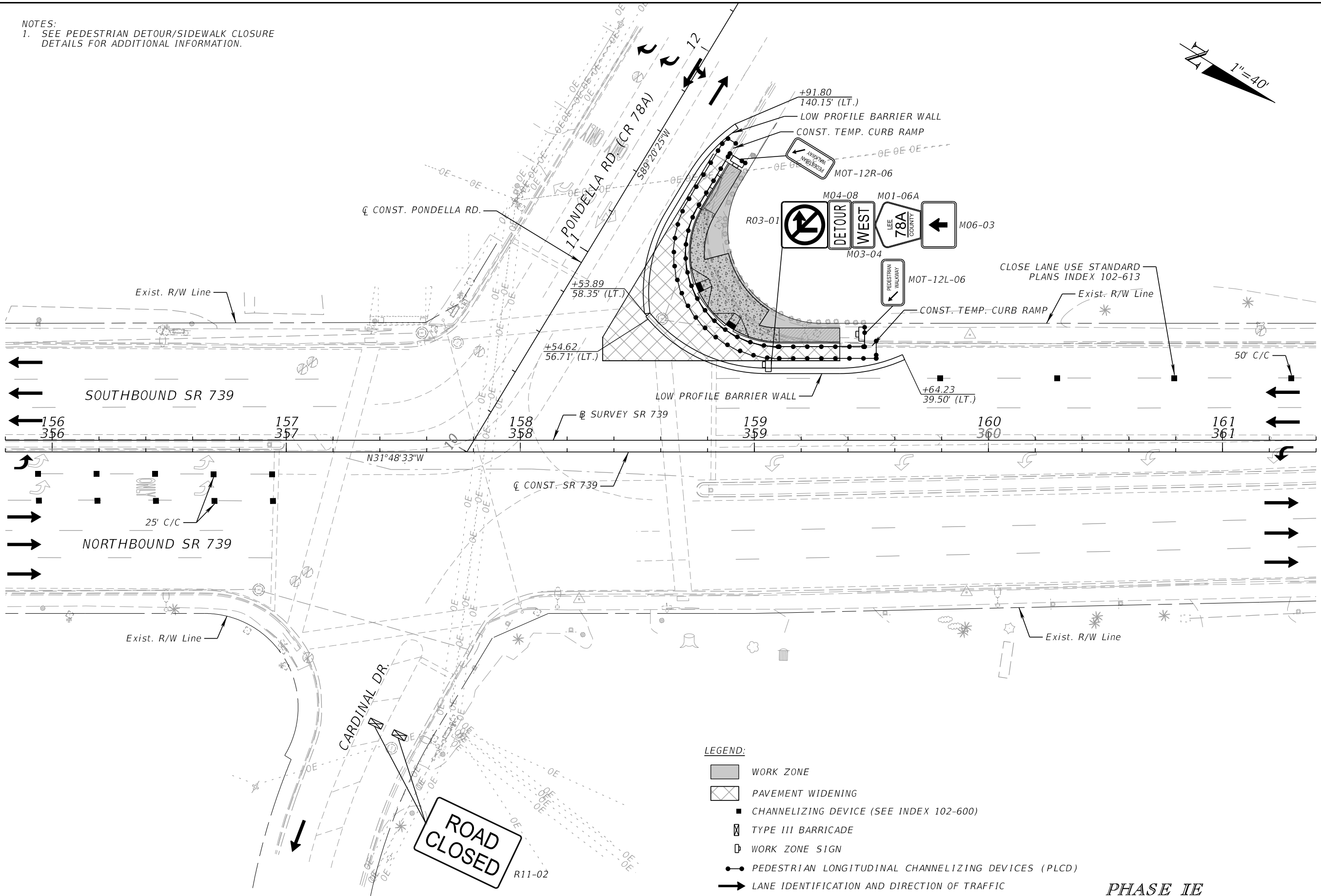
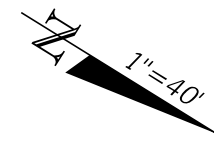
TEMPORARY TRAFFIC CONTROL PLAN (13)

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. 65
DATE	DESCRIPTION	DATE	DESCRIPTION	MARGARET A. VAN DEN AVONT, P.E. LICENSE NUMBER: 92701 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 739	LEE	446293-1-52-01	

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NOTES:
 1. SEE PEDESTRIAN DETOUR/SIDEWALK CLOSURE
 DETAILS FOR ADDITIONAL INFORMATION.



- LEGEND:**
- WORK ZONE
 - PAVEMENT WIDENING
 - CHANNELIZING DEVICE (SEE INDEX 102-600)
 - TYPE III BARRICADE
 - WORK ZONE SIGN
 - PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES (PLCD)
 - LANE IDENTIFICATION AND DIRECTION OF TRAFFIC

ROAD
CLOSED

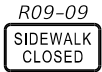
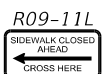
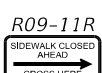

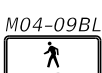
PHASE I E

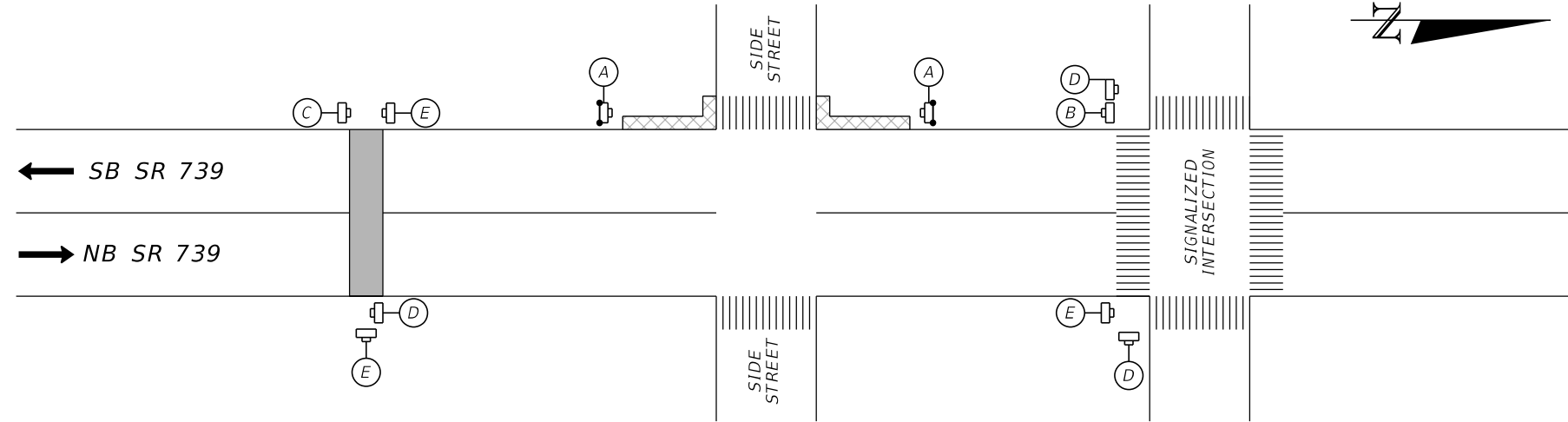
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN (14)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				MARGARET A. VAN DEN AVONT, P.E. LICENSE NUMBER: 92701 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		SR 739	LEE	446293-1-52-01		66

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WORK ZONE SIGNS:

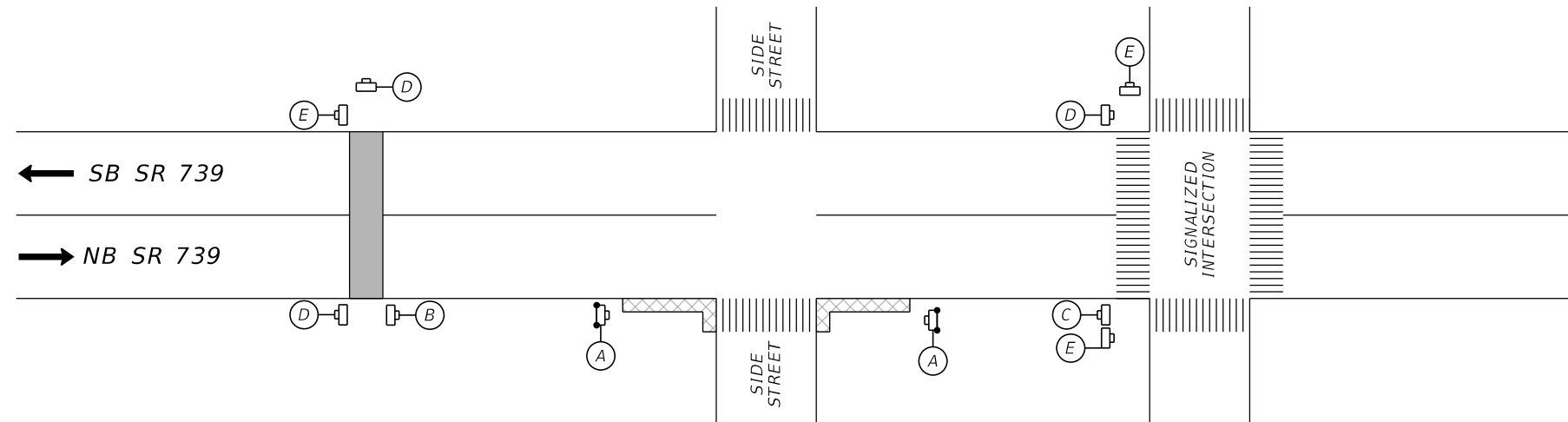
- (A)  R09-09
SIDEWALK CLOSED
- (B)  R09-11L
SIDEWALK CLOSED AHEAD
CROSS HERE
- (C)  R09-11R
SIDEWALK CLOSED AHEAD
CROSS HERE
- (D)  M04-09BR
DETOUR
- (E)  M04-09BL
DETOUR



PEDESTRIAN DETOUR/SIDEWALK CLOSURE DETAILS
AT WESTBOUND SIDE STREETS

N.T.S

- OAK AVENUE
- CABANA AVENUE
- CYPRESS STREET
- RIVER ROAD
- EVERGREEN ROAD
- BECKER DRIVE



PEDESTRIAN DETOUR/SIDEWALK CLOSURE DETAILS
AT EASTBOUND SIDE STREETS

N.T.S

- EAST NORTH SHORE AVENUE
- CABANA AVENUE
- WILLIS RD
- BROOKS ROAD
- CRESCENT LAKE DRIVE

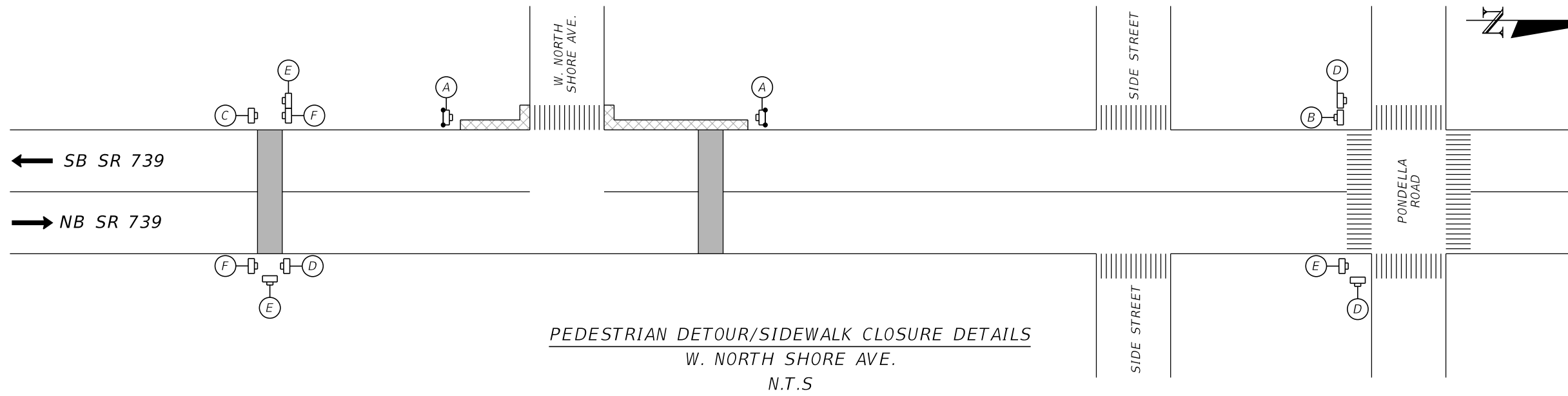
LEGEND:

-  LANE IDENTIFICATION AND DIRECTION OF TRAVEL
-  WORK ZONE SIGN
-  CROSSING
-  WORK ZONE
-  CROSSWALK
-  PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES (PLCD)

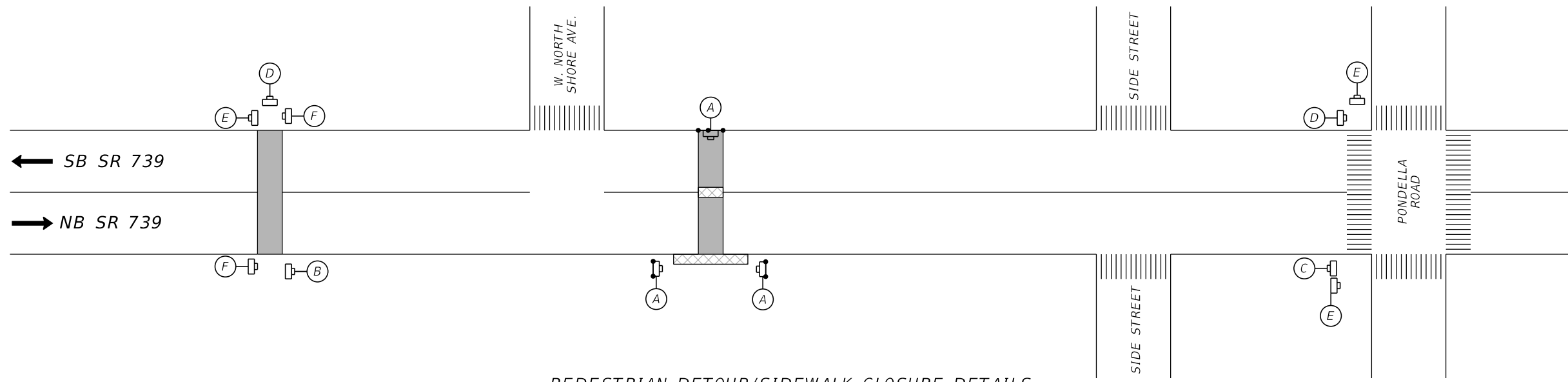
PEDESTRIAN DETOUR/
SIDEWALK CLOSURE DETAILS

TEMPORARY TRAFFIC
CONTROL PLAN (15)

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MARGARET A. VAN DEN AVONT, P.E. LICENSE NUMBER: 92701 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
							SR 739	LEE	446293-1-52-01	67



PEDESTRIAN DETOUR/SIDEWALK CLOSURE DETAILS
W. NORTH SHORE AVE.
N.T.S



PEDESTRIAN DETOUR/SIDEWALK CLOSURE DETAILS
W. NORTH SHORE AVE.
N.T.S

LEGEND:

- LANE IDENTIFICATION AND DIRECTION OF TRAVEL
- WORK ZONE SIGN
- CROSSING
- WORK ZONE
- CROSSWALK
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES (PLCD)

WORK ZONE SIGNS:

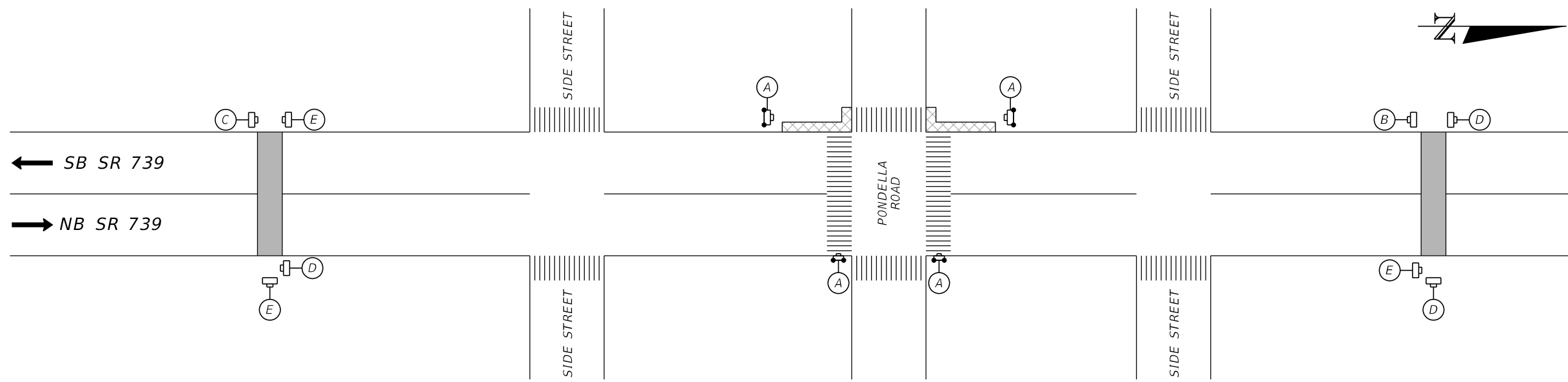
(A)	(C)	(E)
(B)	(D)	(F)

**PEDESTRIAN DETOUR/
SIDEWALK CLOSURE DETAILS**

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN (16)	SHEET NO. 68
DATE	DESCRIPTION	DATE	DESCRIPTION	MARGARET A. VAN DEN AVONT, P.E. LICENSE NUMBER: 92701 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 739	LEE	446293-1-52-01		

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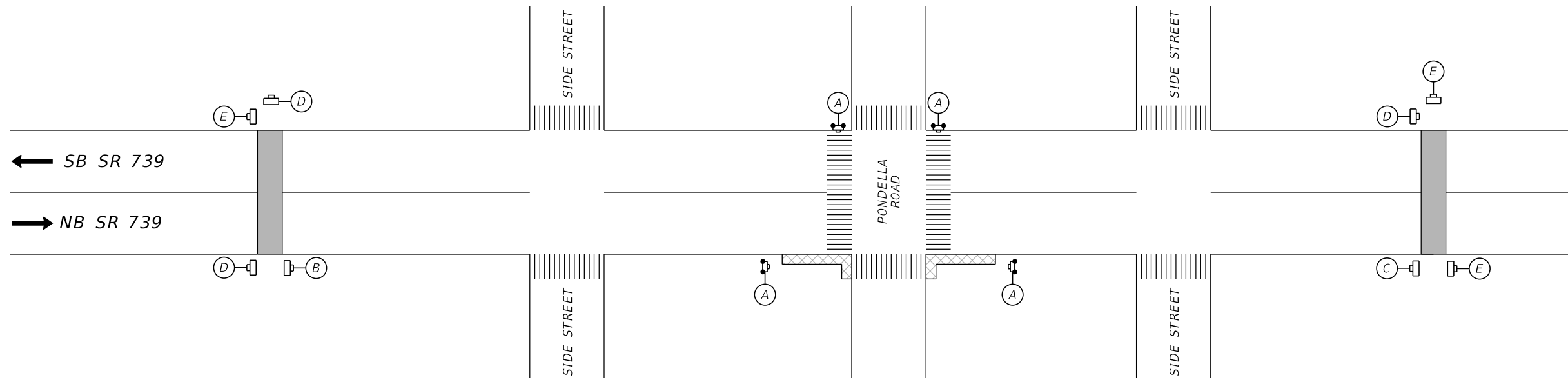
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PEDESTRIAN DETOUR/SIDEWALK CLOSURE DETAILS
AT WESTBOUND SIGNALIZED INTERSECTIONS

N.T.S

PONDELLA ROAD/SR 739



PEDESTRIAN DETOUR/SIDEWALK CLOSURE DETAILS
AT EASTBOUND SIGNALIZED INTERSECTIONS

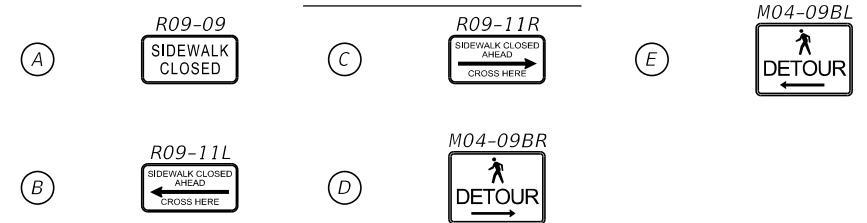
N.T.S

PONDELLA ROAD/SR 739

LEGEND:

- LANE IDENTIFICATION AND DIRECTION OF TRAVEL
- WORK ZONE SIGN
- CROSSING
- WORK ZONE
- CROSSWALK
- PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES (PLCD)

WORK ZONE SIGNS:



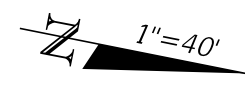
PEDESTRIAN DETOUR/
SIDEWALK CLOSURE DETAILS

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	MARGARET A. VAN DEN AVONT, P.E. LICENSE NUMBER: 92701 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						SR 739	LEE	446293-1-52-01	69

TEMPORARY TRAFFIC
CONTROL PLAN (17)

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- LEGEND:**
- WORK ZONE
 - TEMPORARY PEDESTRIAN WALKWAY
 - WORK ZONE SIGN
 - PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICES (PLCD)
 - TEMPORARY CURB RAMP

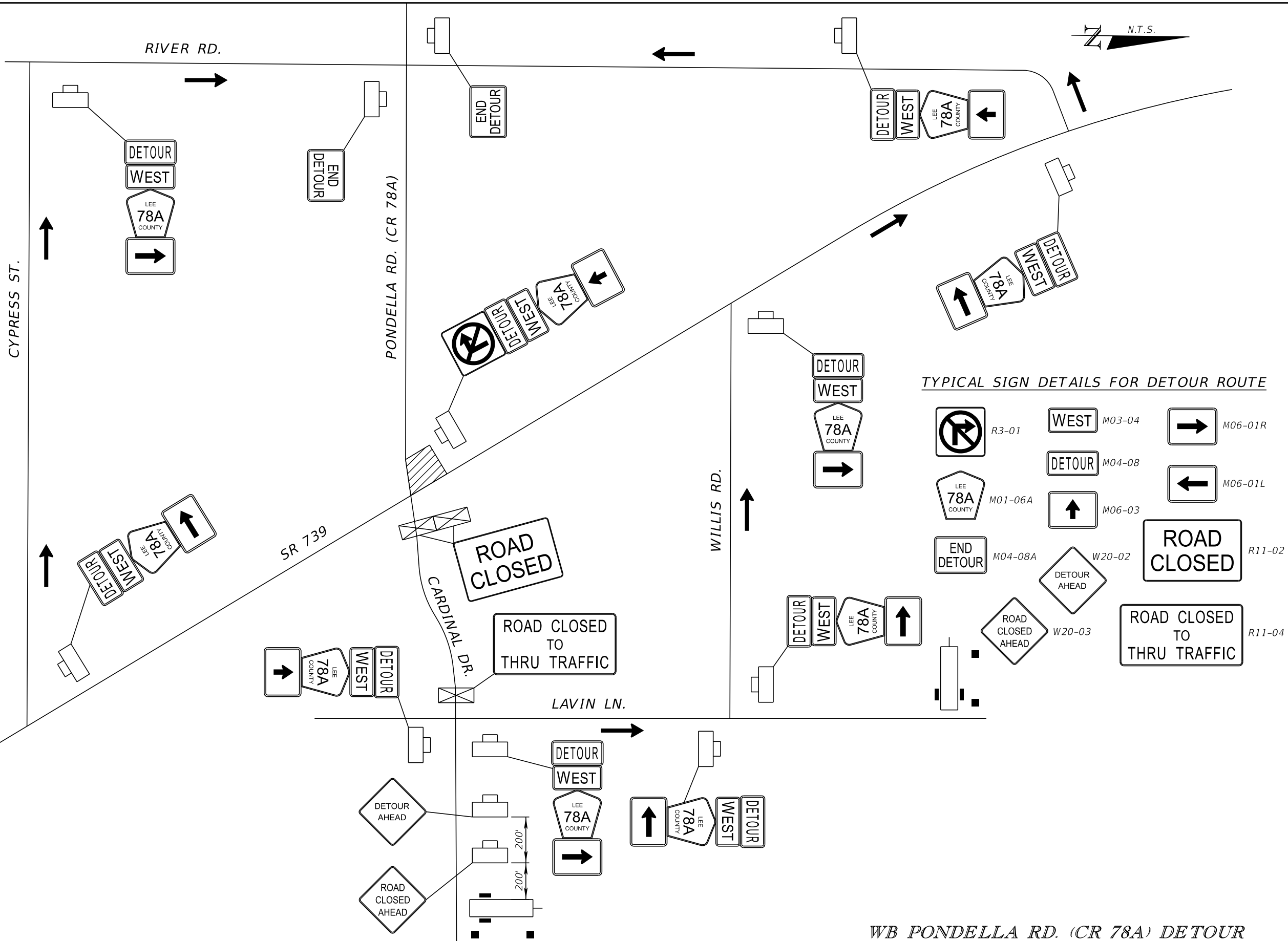
SR 78 PEDESTRIAN DETOUR DETAILS

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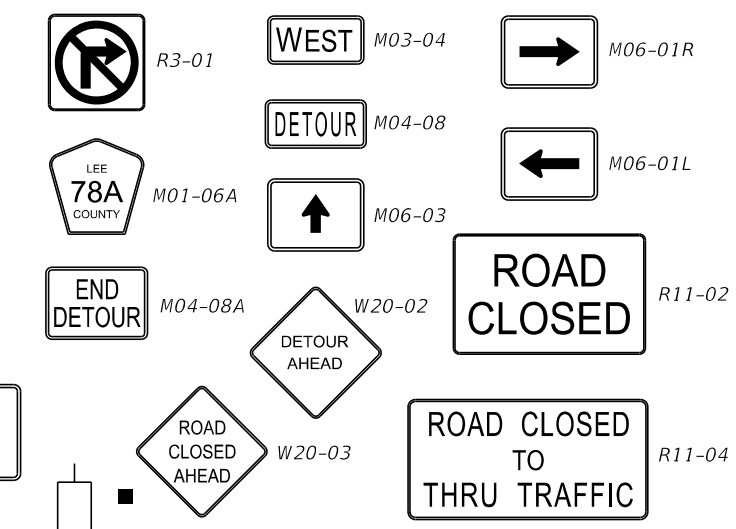
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN (18)	SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY		FINANCIAL PROJECT ID	70
				MARGARET A. VAN DEN AVONT, P.E. LICENSE NUMBER: 92701 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789			SR 739	LEE		446293-1-52-01	

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- LEGEND:**
- WORK ZONE
 - WORK ZONE SIGN
 - TYPE III BARRICADE
 - PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN
 - TRAFFIC DETOUR DIRECTION
 - CHANNELIZING DEVICE (SEE INDEX 102-600)



TYPICAL SIGN DETAILS FOR DETOUR ROUTE



PCMS DETAILS

PRIOR TO CLOSURE (14 DAYS)	
MESSAGE 1	MESSAGE 2
WB CR78A ROAD CLOSURE	BEGINS MM/DD
DURING CLOSURE	
MESSAGE 1	MESSAGE 2
WB CR78A CLOSED @ SR 739	FOLLOW DETOUR







WB PONDELLA RD. (CR 78A) DETOUR

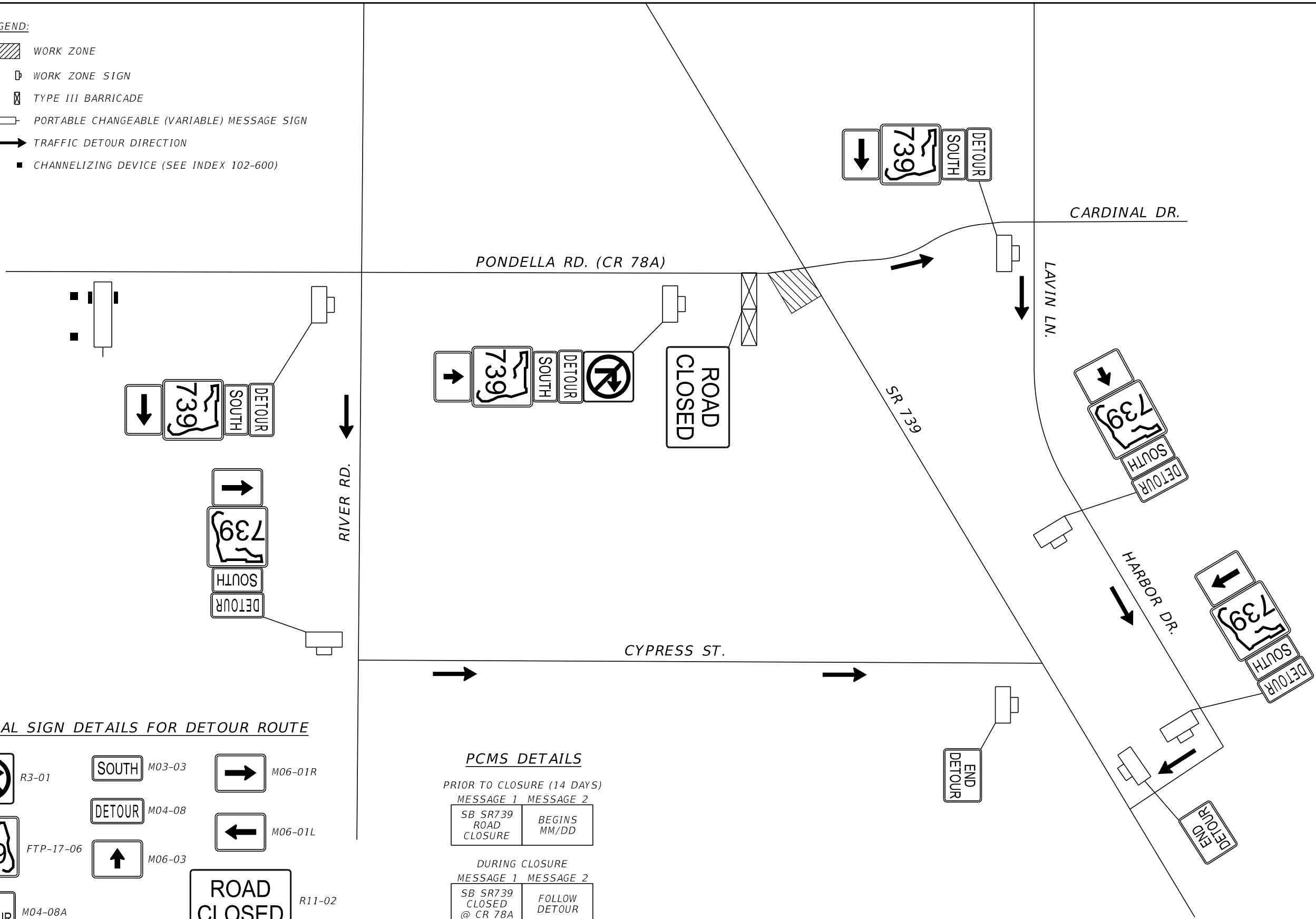
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				MARGARET A. VAN DEN AVONT, P.E. LICENSE NUMBER: 92701 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789	SR 739	LEE	446293-1-52-01	71

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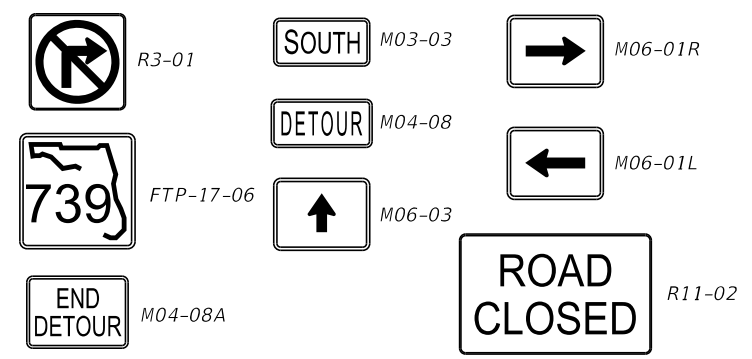
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LEGEND:

-  WORK ZONE
-  WORK ZONE SIGN
-  TYPE III BARRICADE
-  PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN
-  TRAFFIC DETOUR DIRECTION
-  CHANNELIZING DEVICE (SEE INDEX 102-600)



TYPICAL SIGN DETAILS FOR DETOUR ROUTE



PCMS DETAILS

PRIOR TO CLOSURE (14 DAYS)
MESSAGE 1 MESSAGE 2

SB SR739 ROAD CLOSURE	BEGINS MM/DD
-----------------------------	-----------------

DURING CLOSURE
MESSAGE 1 MESSAGE 2

SB SR739 CLOSED @ CR 78A	FOLLOW DETOUR
--------------------------------	------------------

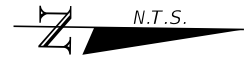
SB SR 739 DETOUR

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				MARGARET A. VAN DEN AVONT, P.E. LICENSE NUMBER: 92701 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		SR 739	LEE	446293-1-52-01	72

**TEMPORARY TRAFFIC
CONTROL PLAN (20)**

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SR 739

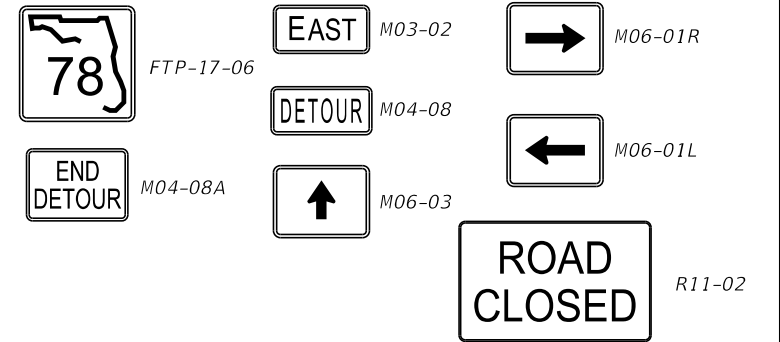
E. MARIANA AVE.

CRESCENT LAKE DR.

MAGNOLIA DR.

IXORA DR.

TYPICAL SIGN DETAILS FOR DETOUR ROUTE



LEGEND:

- WORK ZONE
- WORK ZONE SIGN
- TYPE III BARRICADE
- PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN
- TRAFFIC DETOUR DIRECTION
- CHANNELIZING DEVICE (SEE INDEX 102-600)

PCMS DETAILS

PRIOR TO CLOSURE (14 DAYS)

MESSAGE 1 MESSAGE 2

EB SR78 ROAD CLOSURE	BEGINS MM/DD
----------------------------	-----------------

DURING CLOSURE

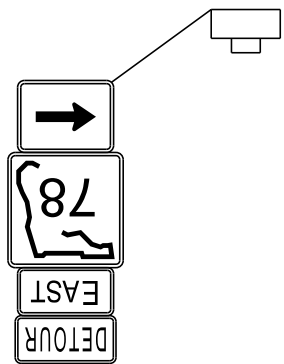
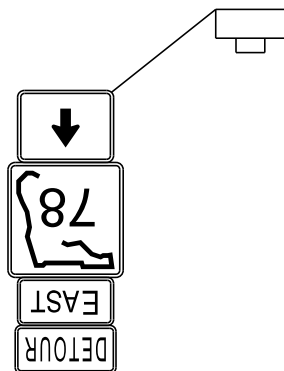
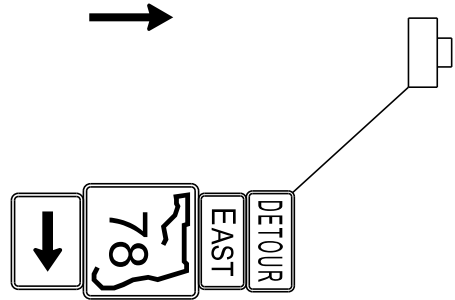
MESSAGE 1 MESSAGE 2

EB SR78 CLOSED @ SR 739	FOLLOW DETOUR
-------------------------------	------------------

EB SR 78 DETOUR

SR 78 (BAYSHORE RD.)

ROAD
CLOSED



END
DETOUR

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REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
MARGARET A. VAN DEN AVONT, P.E.
LICENSE NUMBER: 92701
AVANT ENGINEERING GROUP, LLC
2699 LEE ROAD, SUITE 401
WINTER PARK, FL 32789

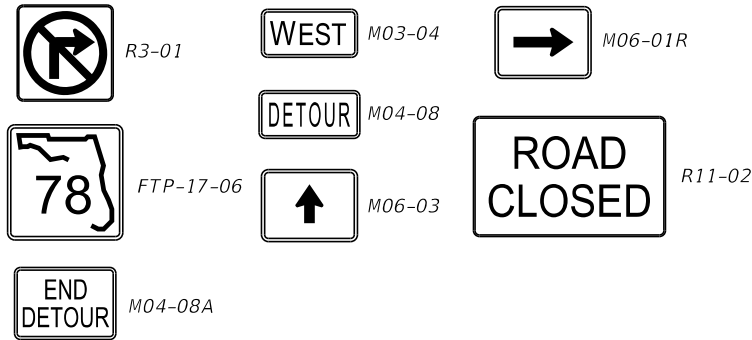
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 739	LEE	446293-1-52-01

**TEMPORARY TRAFFIC
CONTROL PLAN (21)**

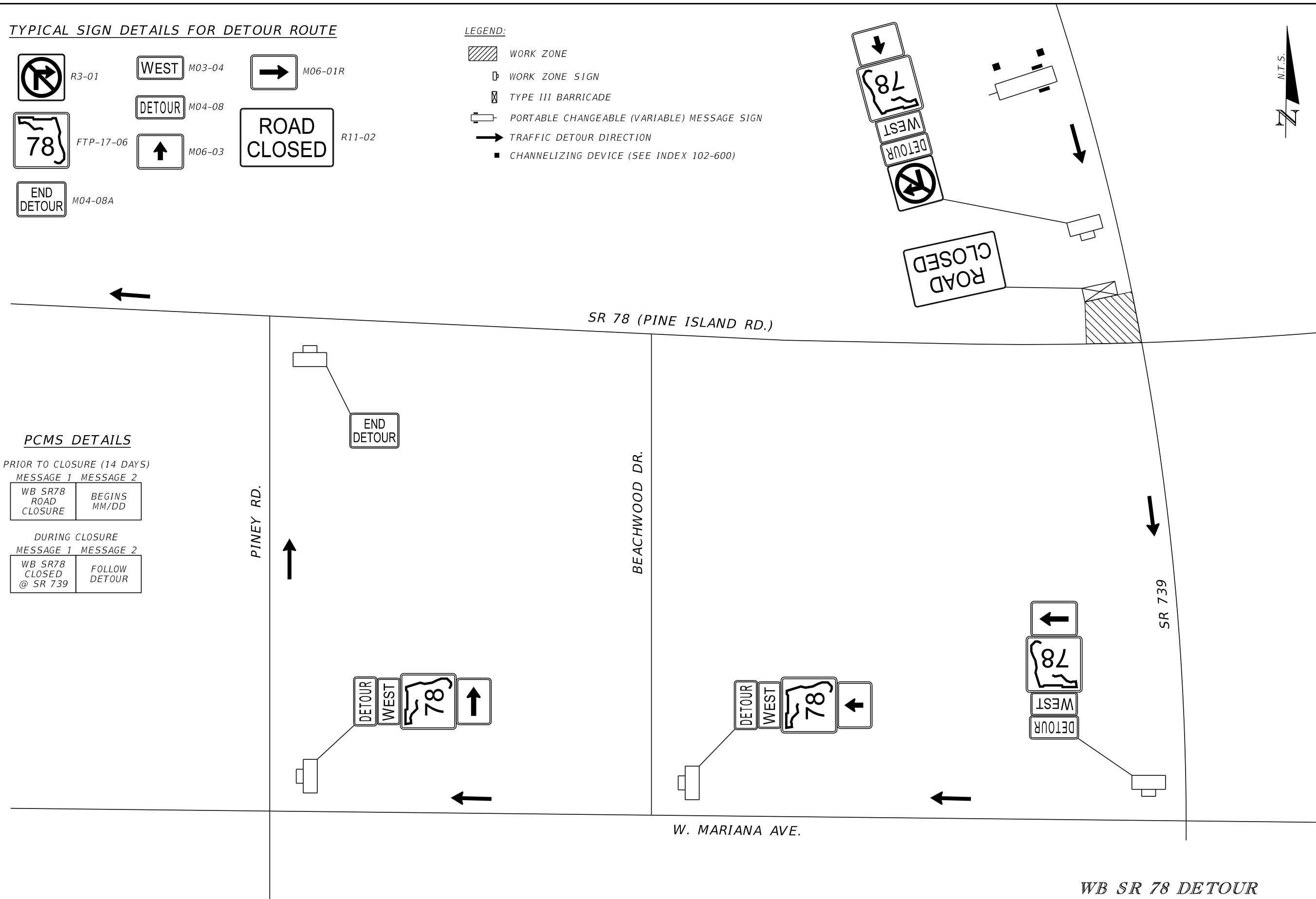
SHEET
NO.
73

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TYPICAL SIGN DETAILS FOR DETOUR ROUTE



- LEGEND:
- WORK ZONE
 - WORK ZONE SIGN
 - TYPE III BARRICADE
 - PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGN
 - TRAFFIC DETOUR DIRECTION
 - CHANNELIZING DEVICE (SEE INDEX 102-600)



PCMS DETAILS

PRIOR TO CLOSURE (14 DAYS)

MESSAGE 1 MESSAGE 2

WB SR78 ROAD CLOSURE	BEGINS MM/DD
----------------------------	-----------------

DURING CLOSURE

MESSAGE 1 MESSAGE 2

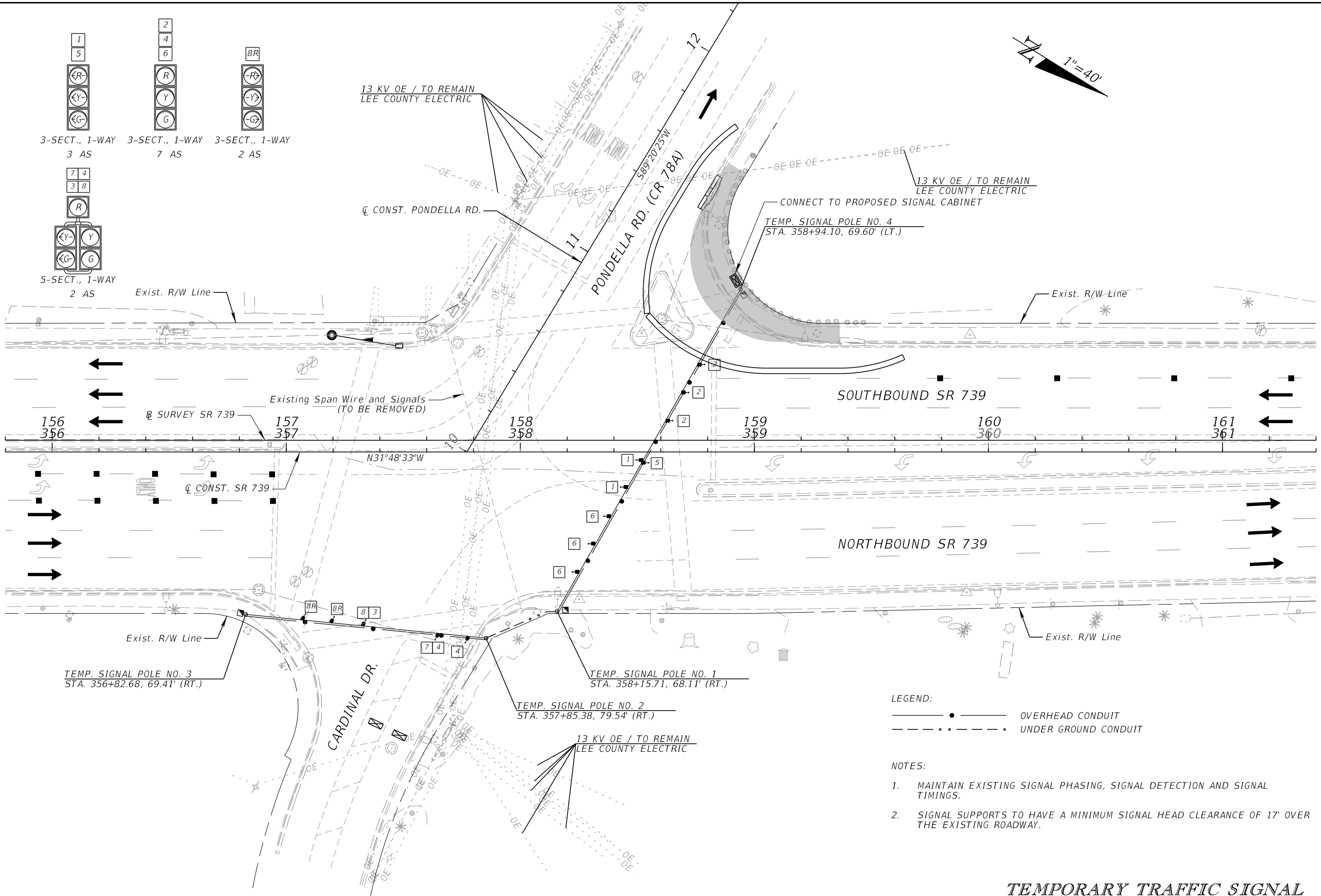
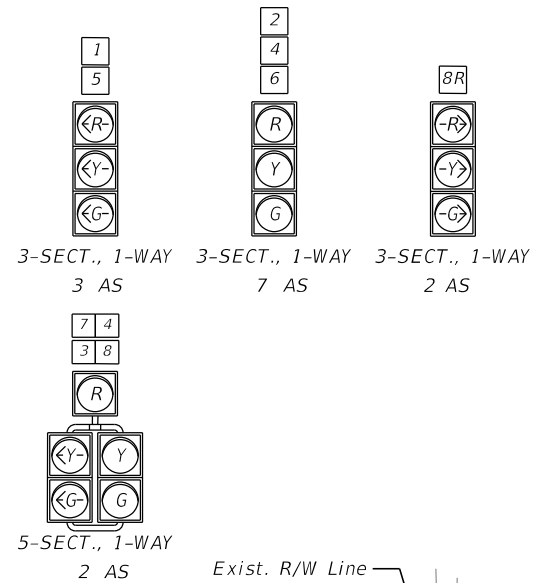
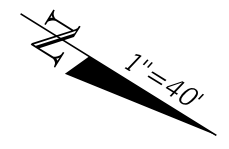
WB SR78 CLOSED @ SR 739	FOLLOW DETOUR
-------------------------------	------------------

WB SR 78 DETOUR

REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLAN (22)	SHEET NO. 74
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				SR 739	LEE	446293-1-52-01		

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LEGEND:
 —●— OVERHEAD CONDUIT
 - - - - - UNDER GROUND CONDUIT

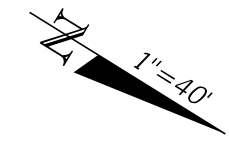
- NOTES:**
1. MAINTAIN EXISTING SIGNAL PHASING, SIGNAL DETECTION AND SIGNAL TIMINGS.
 2. SIGNAL SUPPORTS TO HAVE A MINIMUM SIGNAL HEAD CLEARANCE OF 17' OVER THE EXISTING ROADWAY.

TEMPORARY TRAFFIC SIGNAL

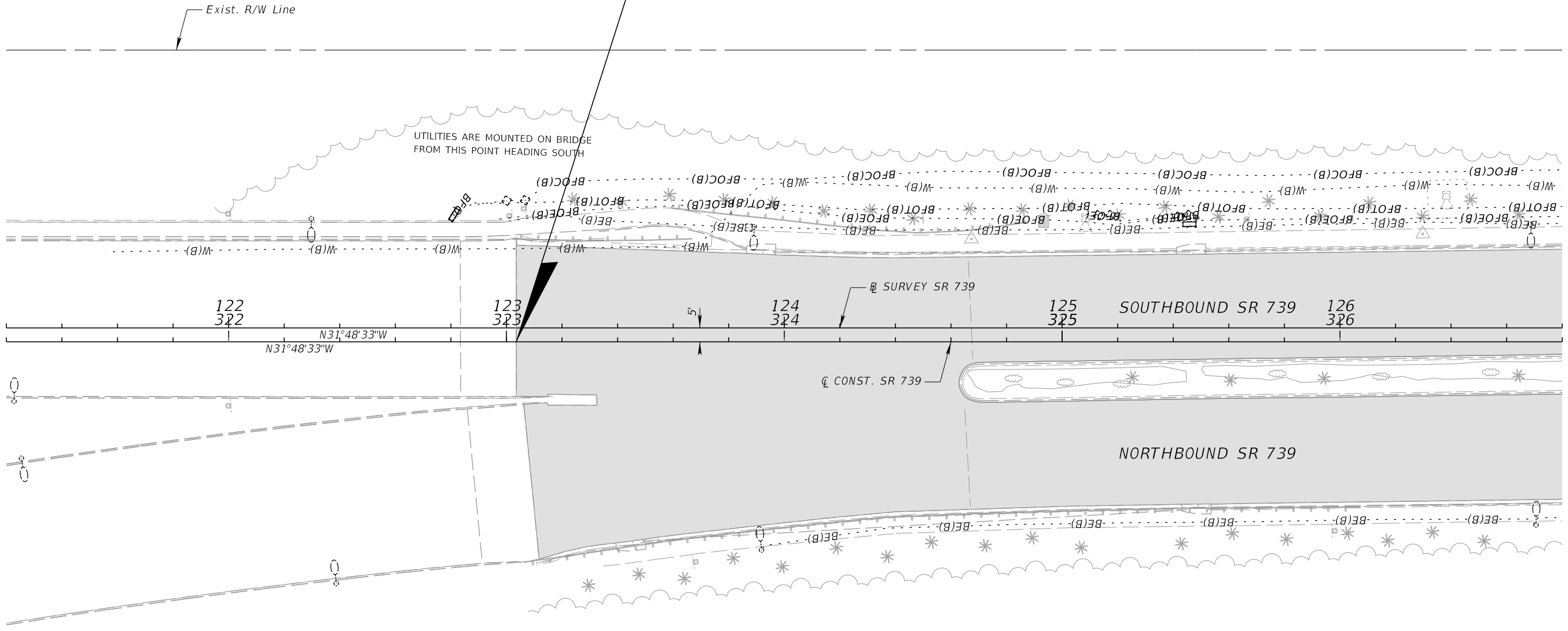
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789	SR 739	LEE	446293-1-52-01	75
					TEMPORARY TRAFFIC CONTROL PLAN (23)			

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BEGIN PROJECT
 BEGIN CONSTRUCTION
 STA. 323+03.53
 Q CONST. =
 STA. 123+03.45, 5.00' (RT)
 B SURVEY SR 739



GENERAL NOTES

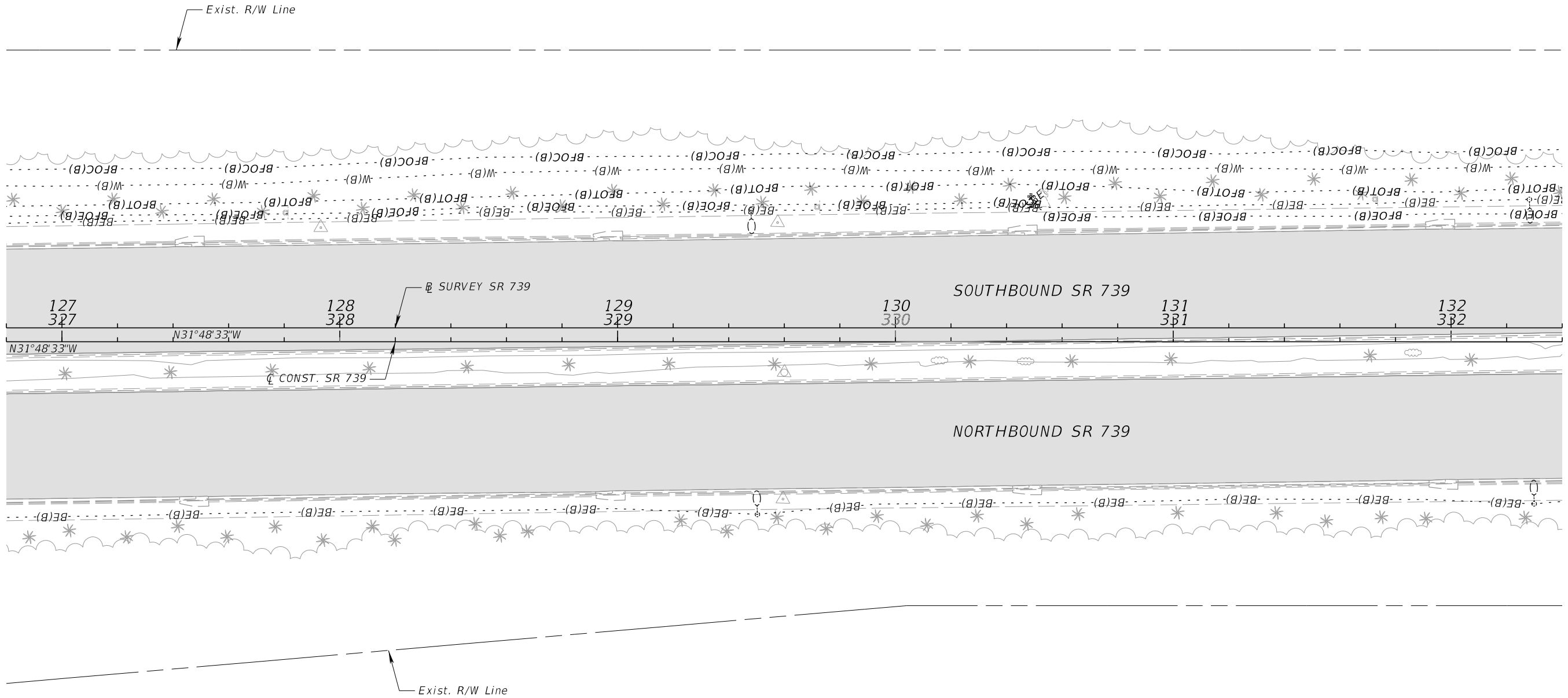
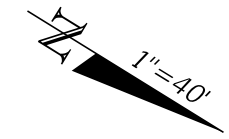
1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
2. UTILITY/AGENCY OWNERS FOR THIS PROJECT INCLUDE:

COMPANY	CONTACT	TELEPHONE NUMBER/EMAIL
CENTURYLINK	XAN RYPKEMA	(720) 888-1089
COMCAST	-----	CENFLR-NFL_Construction@comcast.com
CROWN CASTLE	-----	southfloridaplansreview@crowncastle.com
FLORIDA GOVERNMENT UTILITY AUTHORITY	LINA QUINTERO	(239) 543-2226 / (727) 858-2396
HOTWIRE COMMUNICATIONS	JUNIOR ADAMS	(239) 784-6821
LEE COUNTY SIGNAL	EFRAIN CRUZ	(239) 533-9500
LEE COUNTY ELECTRIC, TRANSMISSION	ADRIAN ROJAS	adrian.rojas@lcec.net
LEE COUNTY ELECTRIC, DISTRIBUTION	TOM BALLEY	(239) 656-2414
LEE COUNTY UTILITIES-RECLAIMED/WATER/WW	ALLAN MAKAU	(239) 533-8598
TECO PEOPLES GAS	MARILYN ALOI	(239) 690-5517 / (239) 896-0812

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY		FINANCIAL PROJECT ID
				LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789						
UTILITY ADJUSTMENTS										76

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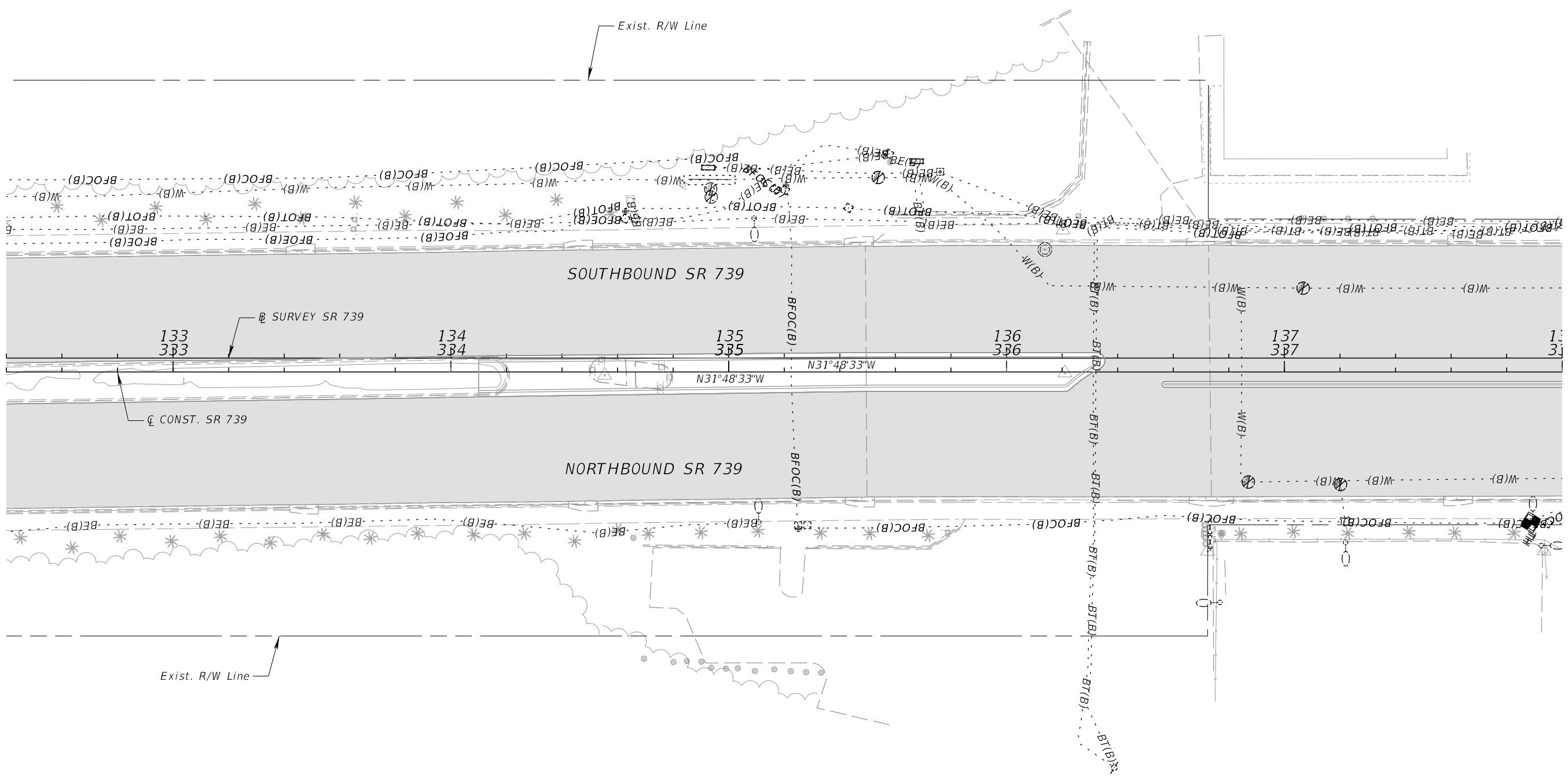
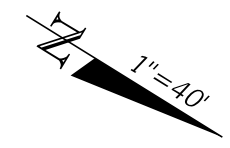
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		77
						SR 739	LEE	446293-1-52-01		

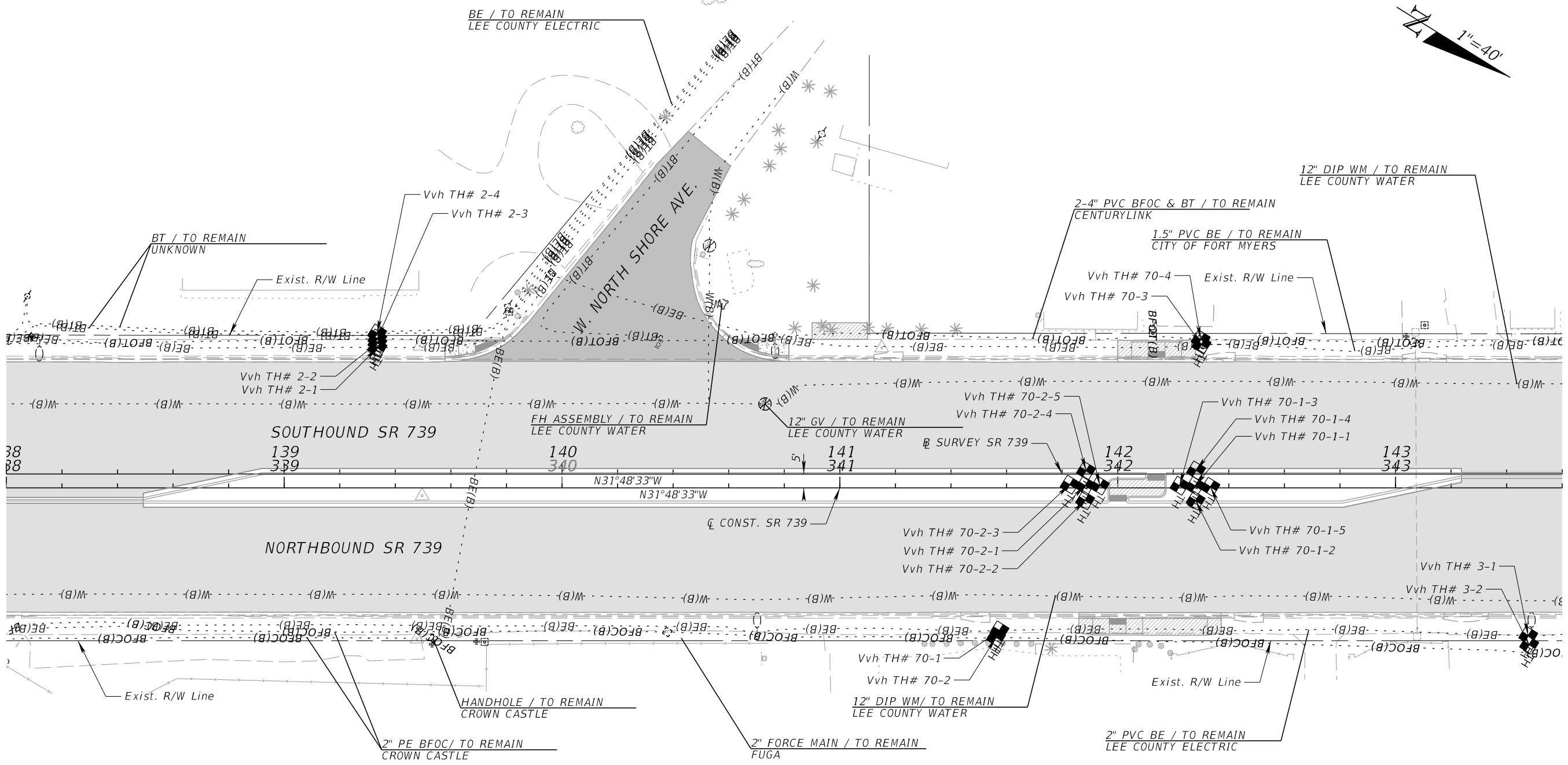
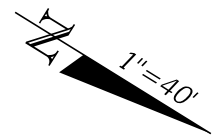
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS	SHEET NO. 78
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 739	LEE	446293-1-52-01		

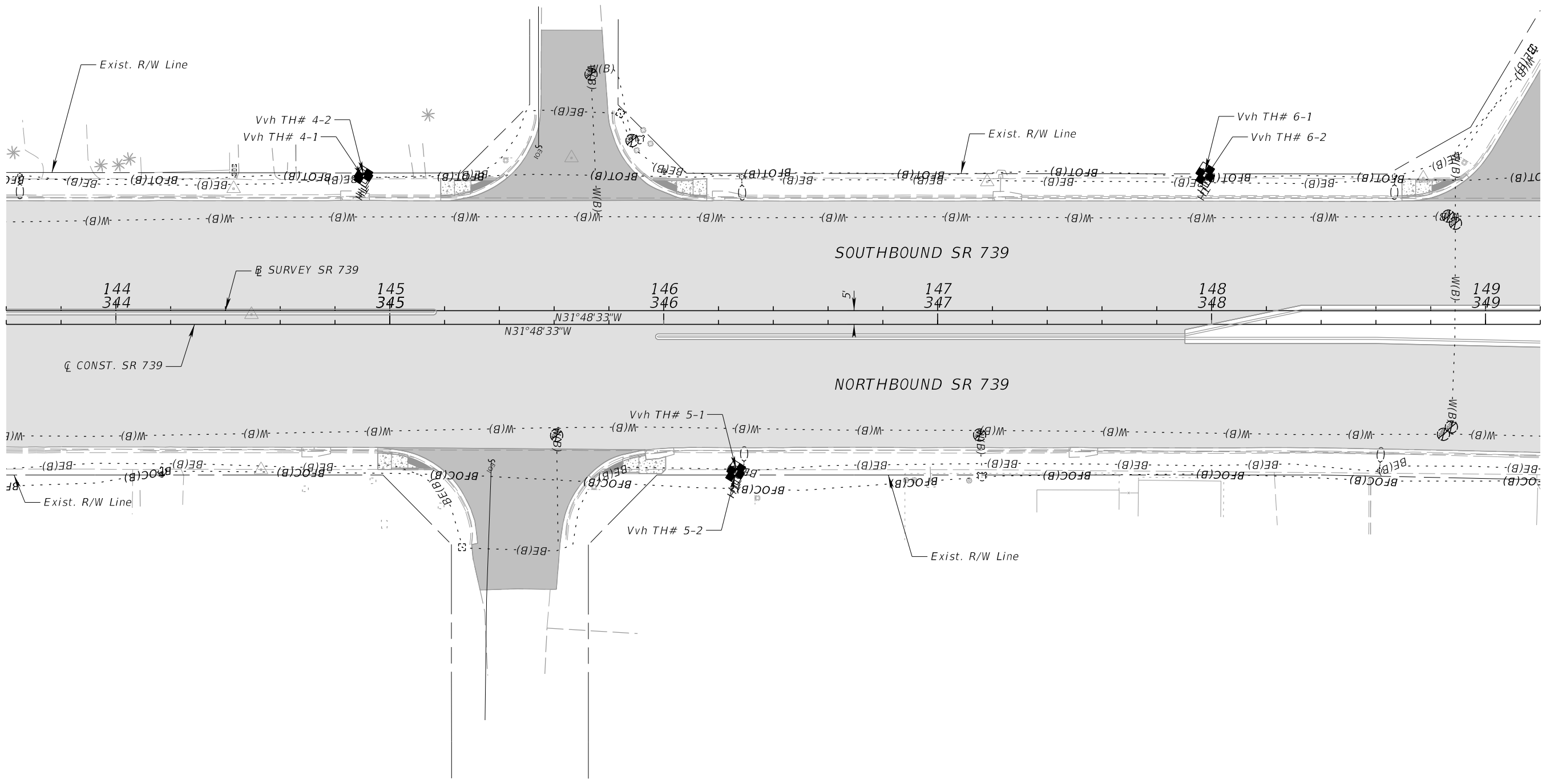
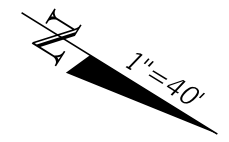
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS	SHEET NO. 79
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 739	LEE	446293-1-52-01		

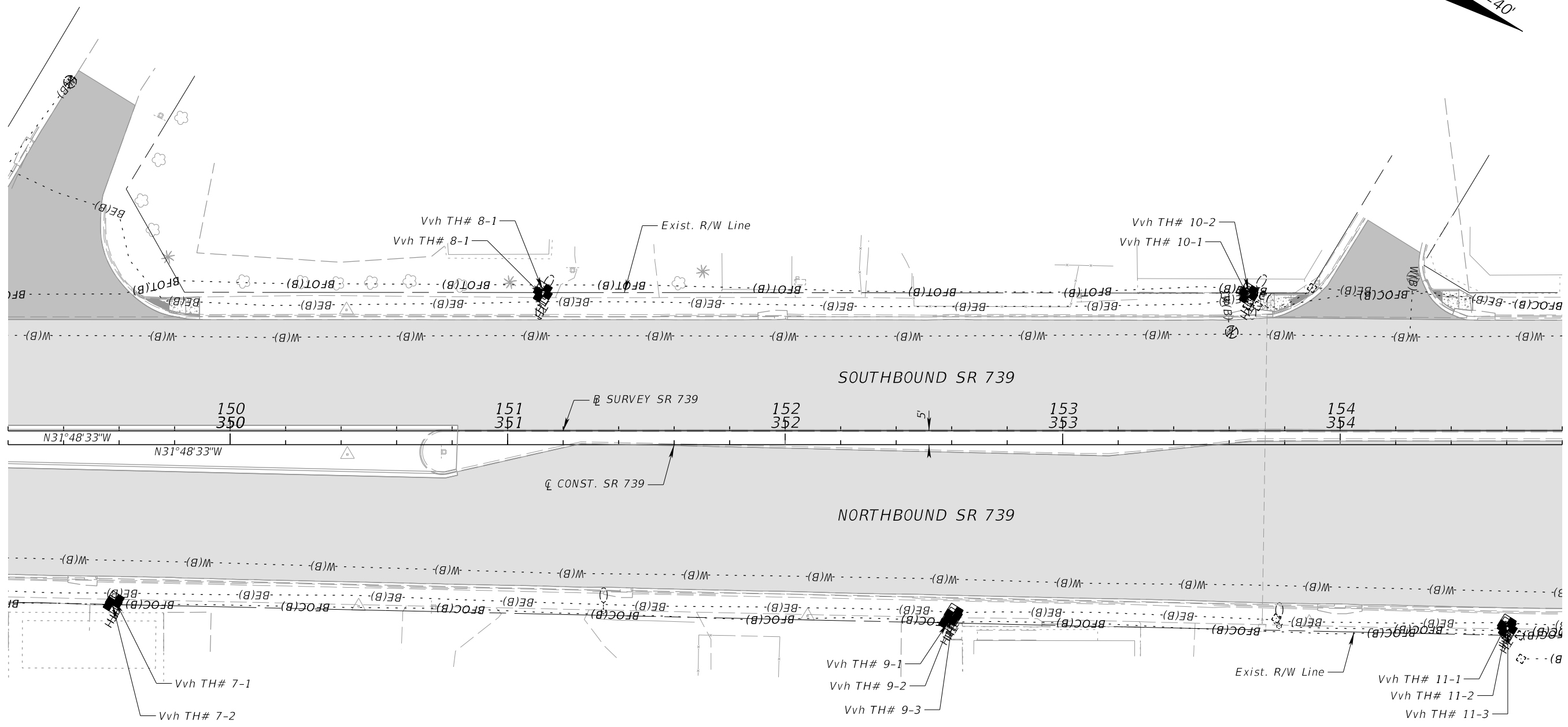
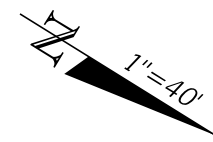
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
							SR 739	LEE	446293-1-52-01		80

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

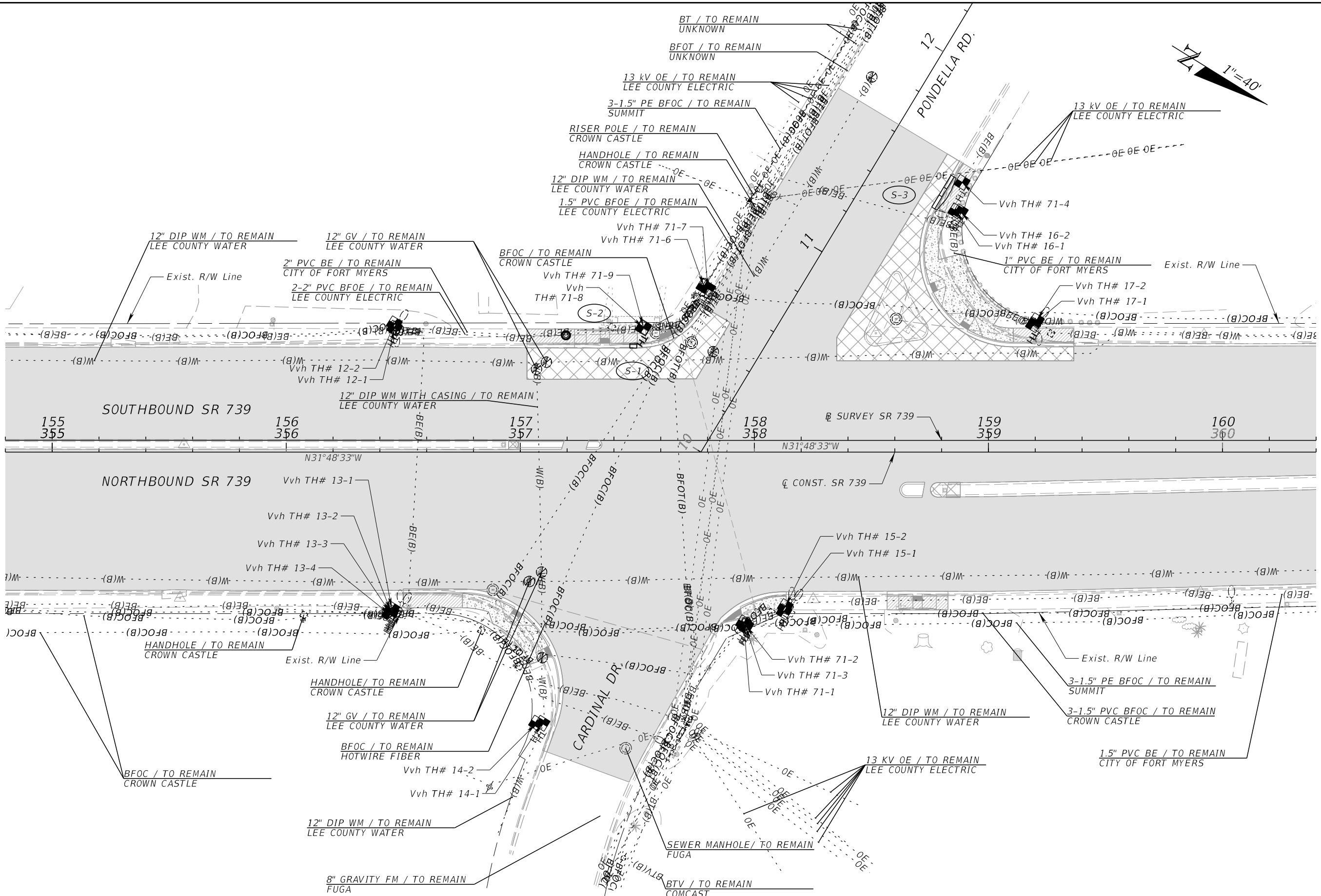
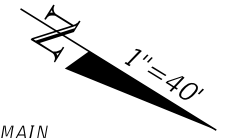
ENGINEER OF RECORD
 LIZETTE MARTINEZ, P.E.
 LICENSE NUMBER: 78631
 AVANT ENGINEERING GROUP, LLC
 2699 LEE ROAD, SUITE 401
 WINTER PARK, FL 32789

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 739	LEE	446293-1-52-01

UTILITY ADJUSTMENTS

SHEET NO.
81

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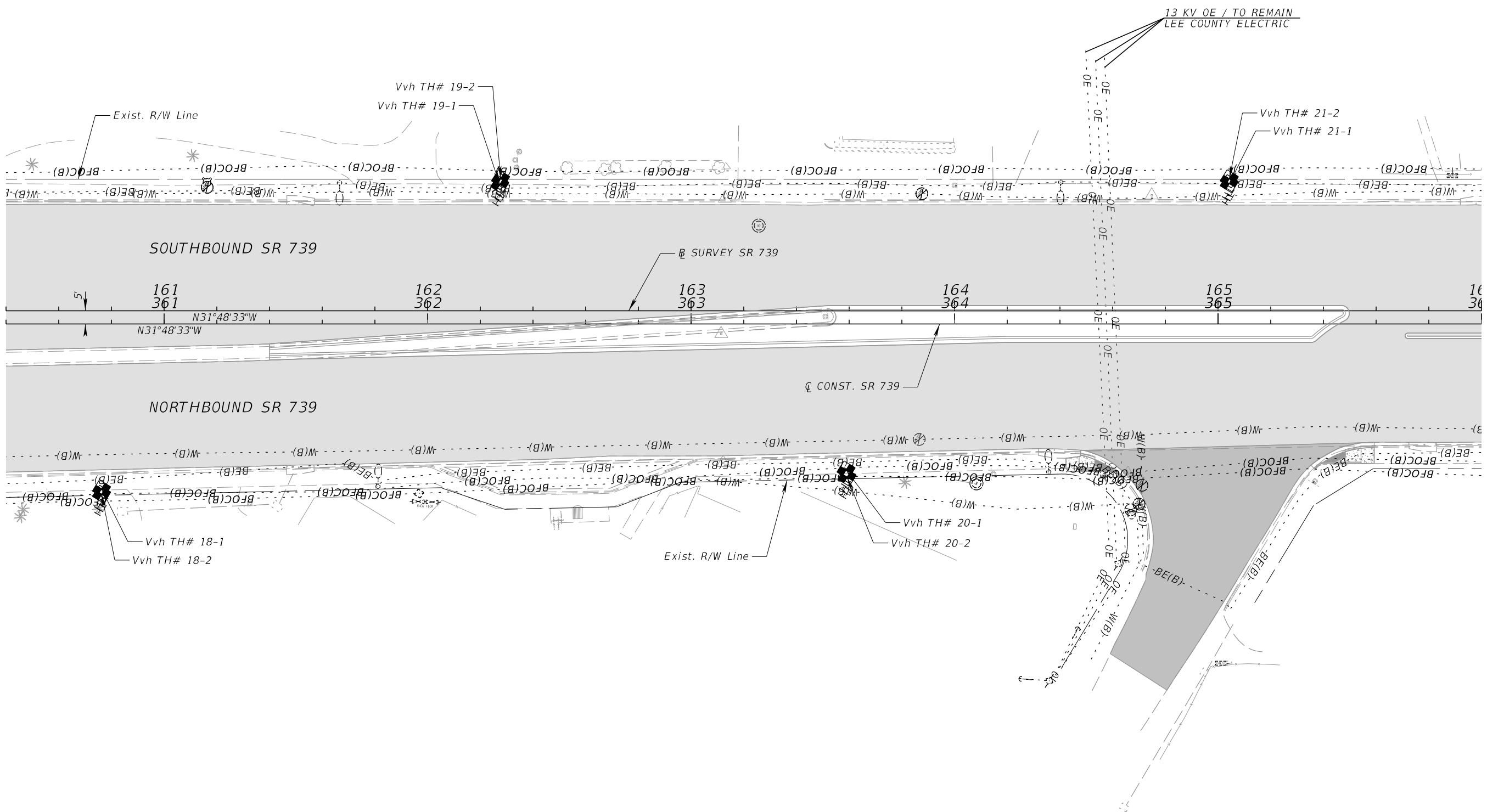
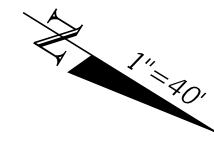


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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789	SR 739	LEE	446293-1-52-01	82

UTILITY ADJUSTMENTS

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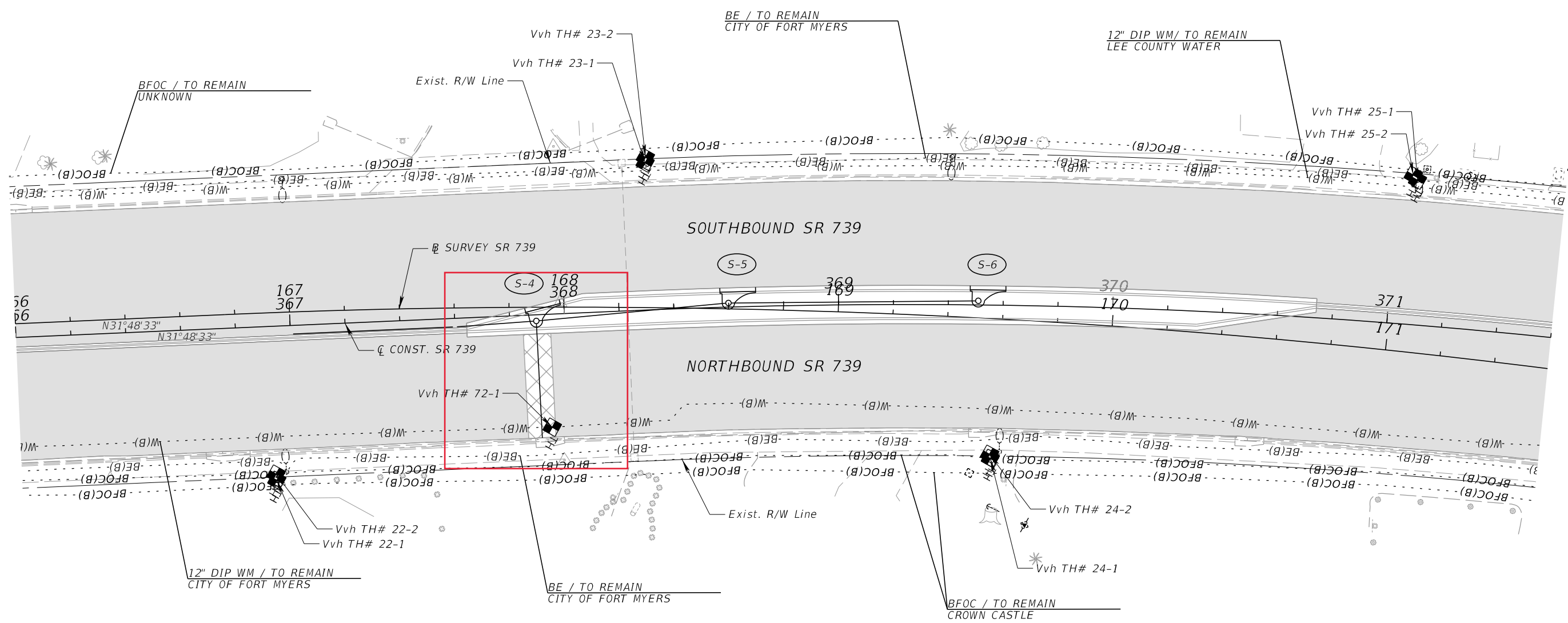
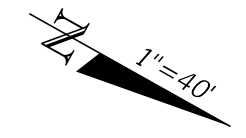


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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		83
							SR 739	LEE	446293-1-52-01		

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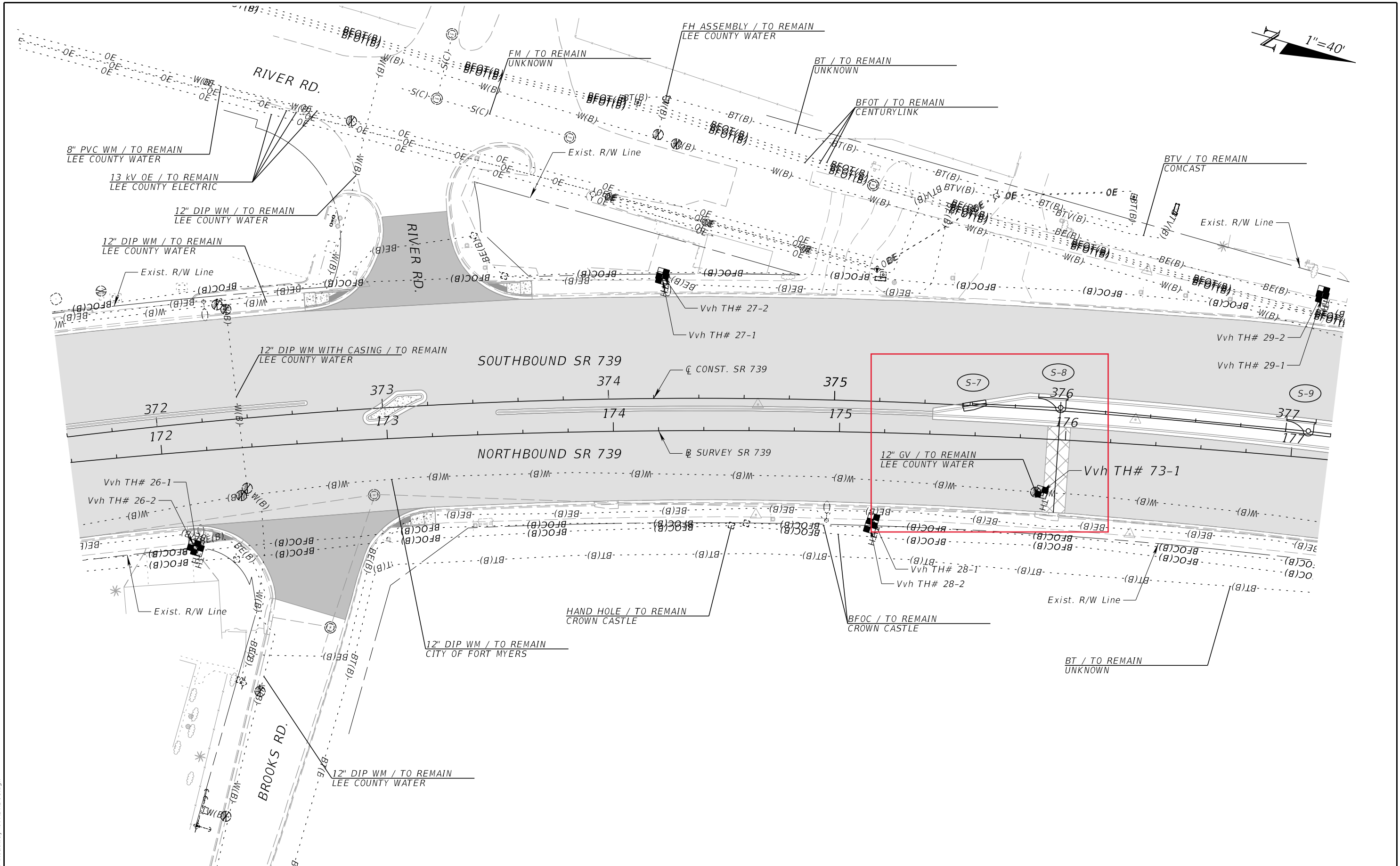
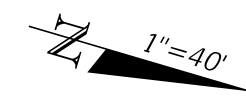
OF
SHEETS



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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS	SHEET NO. 84
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
								SR 739		

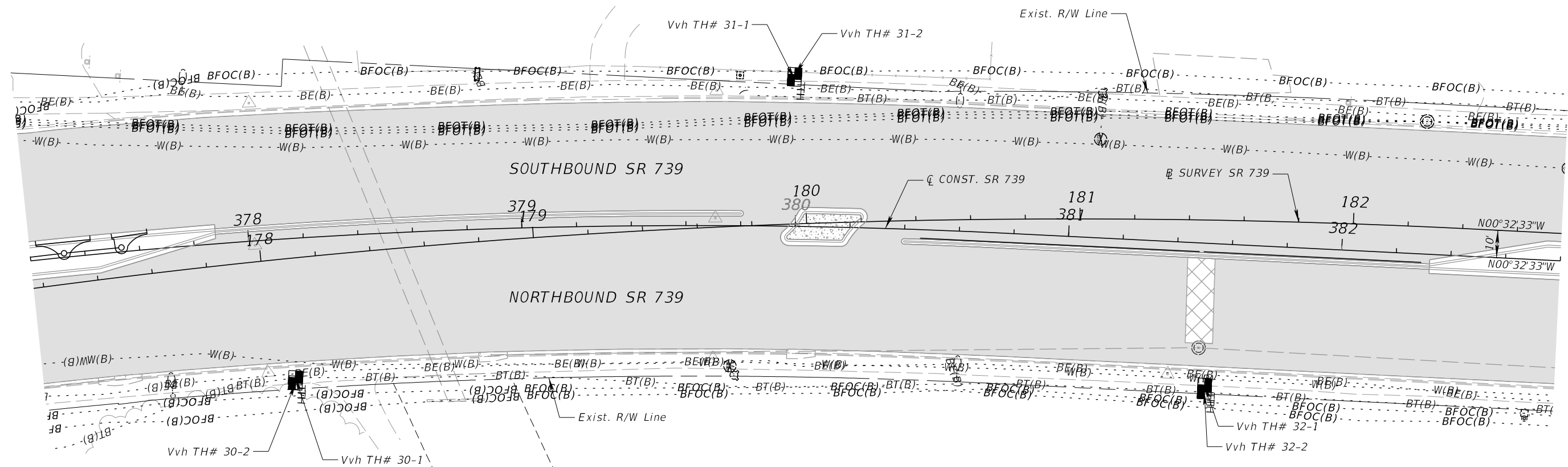
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS	SHEET NO. 85
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		SR 739	LEE	446293-1-52-01		

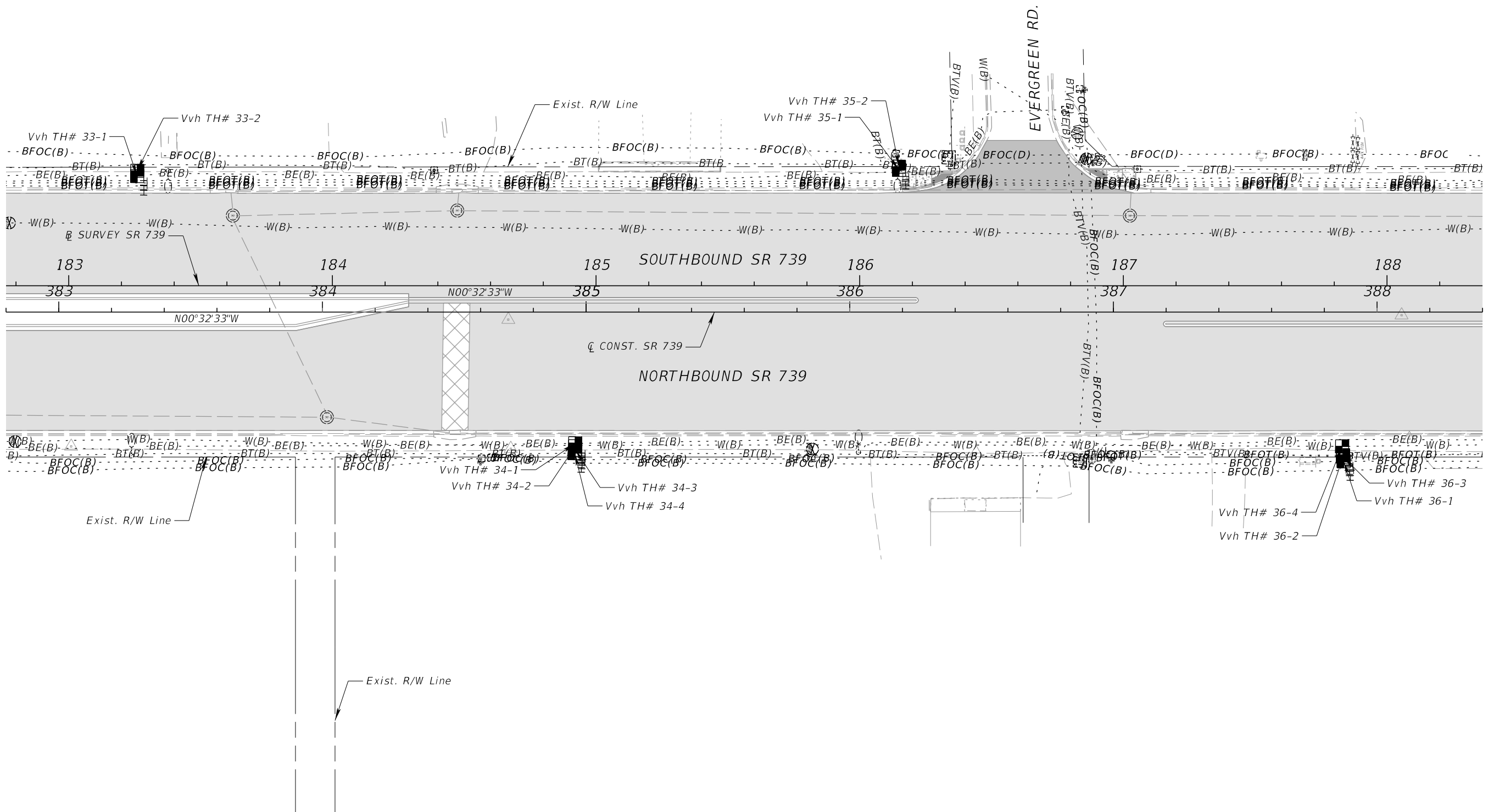
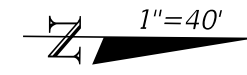
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		86
						SR 739	LEE	446293-1-52-01		

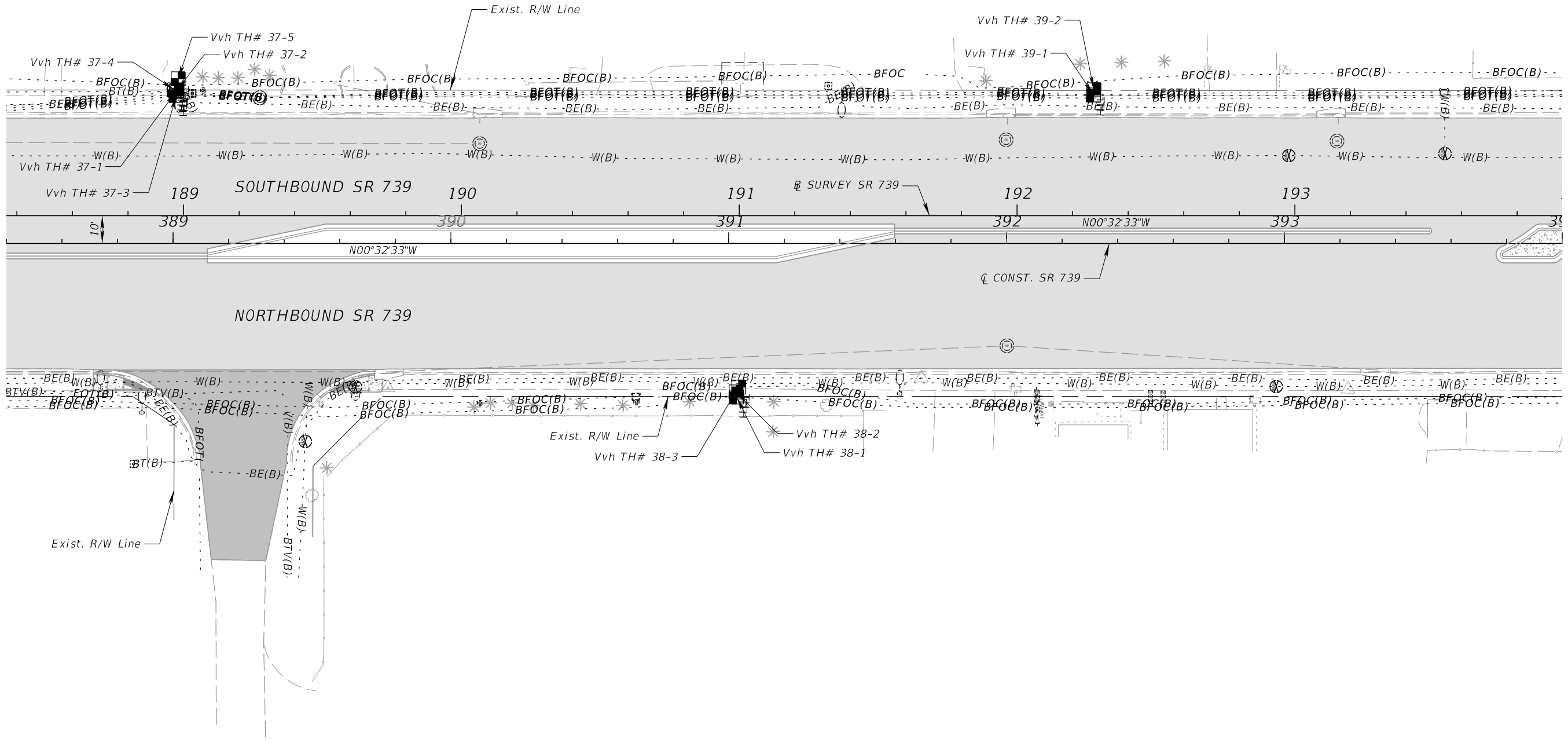
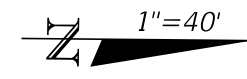
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789			SR 739	LEE	446293-1-52-01		87

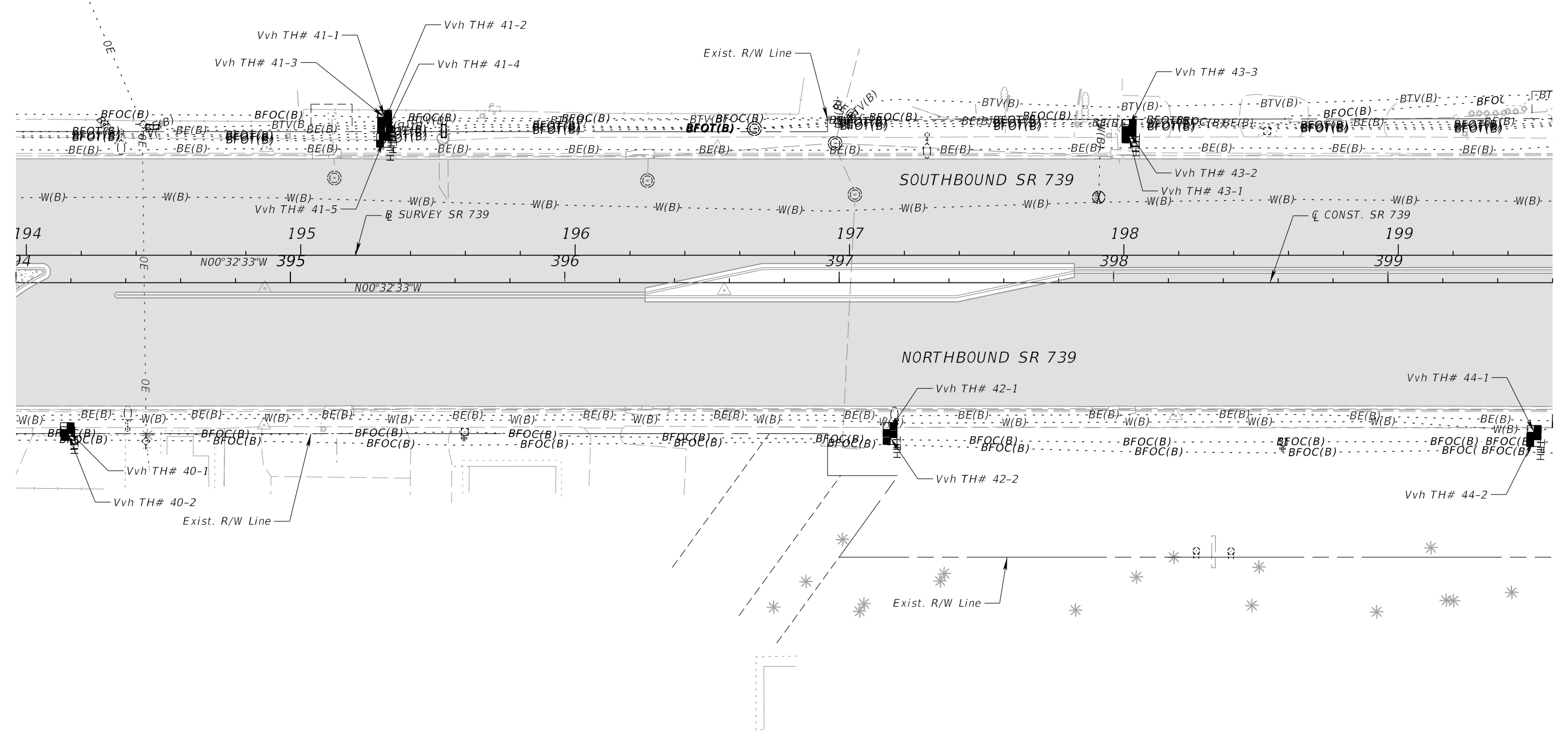
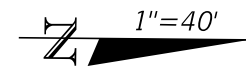
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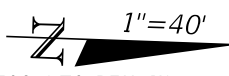
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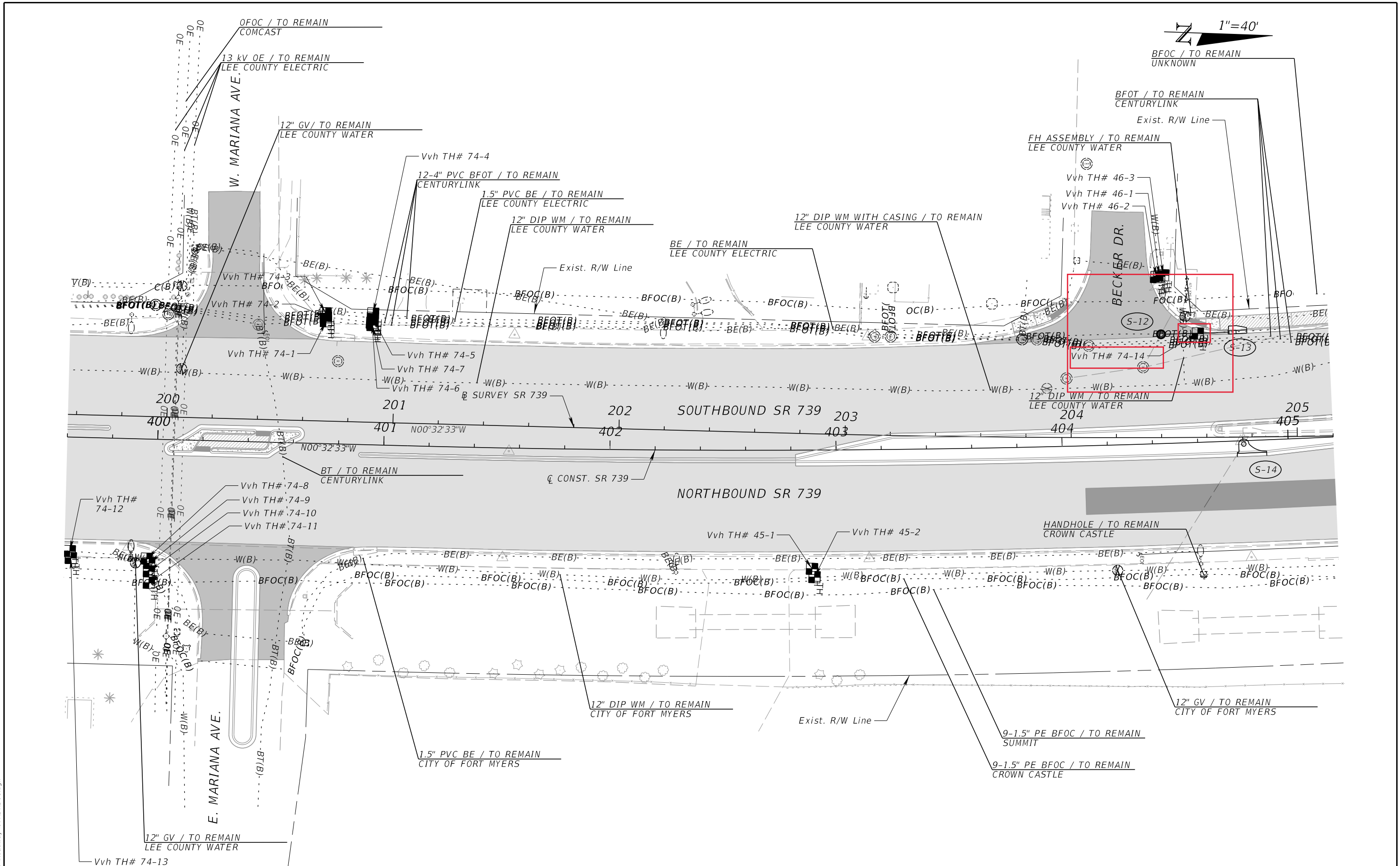
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						SR 739	LEE	446293-1-52-01		89

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1"=40'



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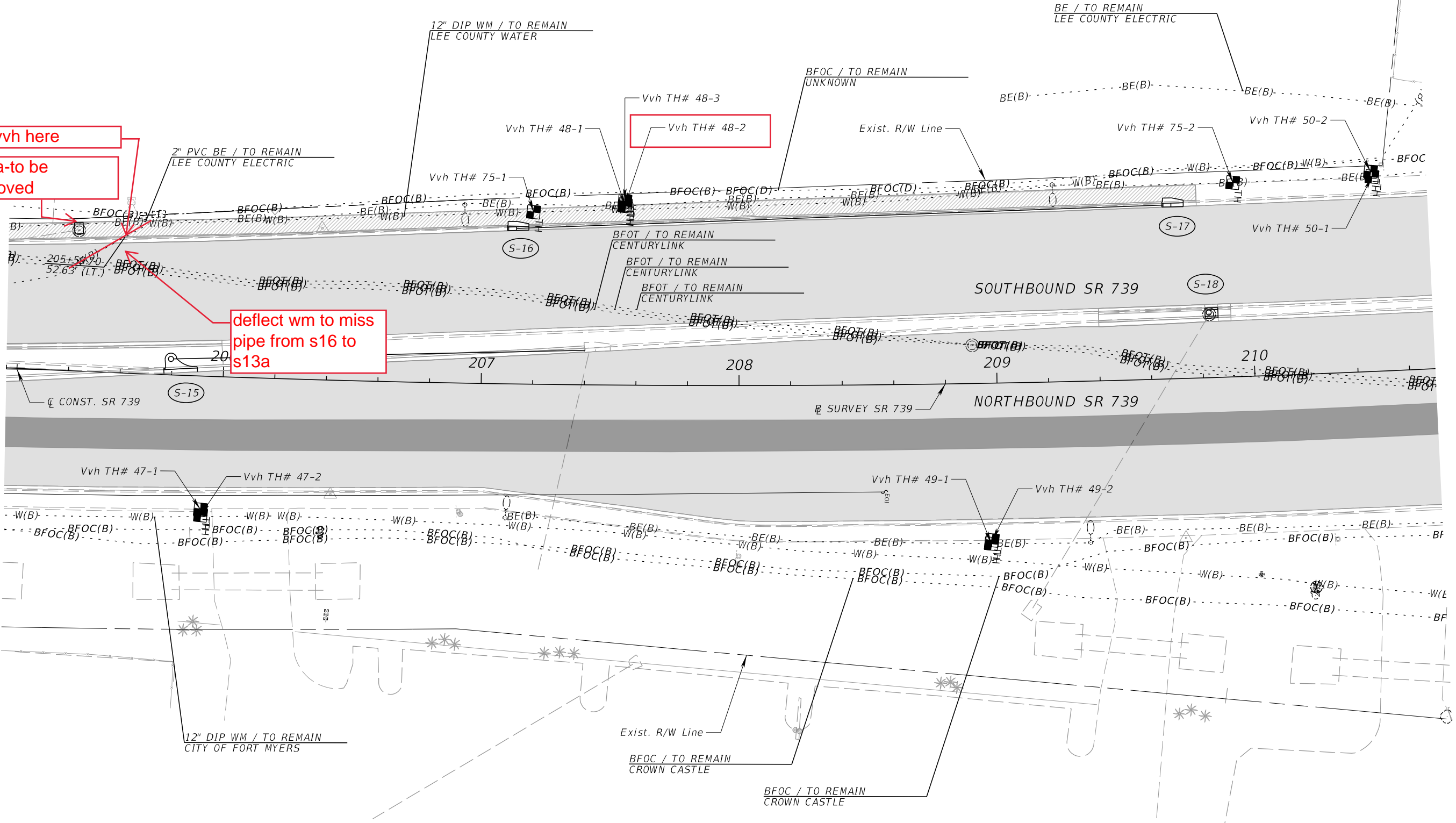
REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				SR 739	LEE	446293-1-52-01	90
				UTILITY ADJUSTMENTS			

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1"=40'

no vvh here
s13a-to be removed

deflect wm to miss pipe from s16 to s13a

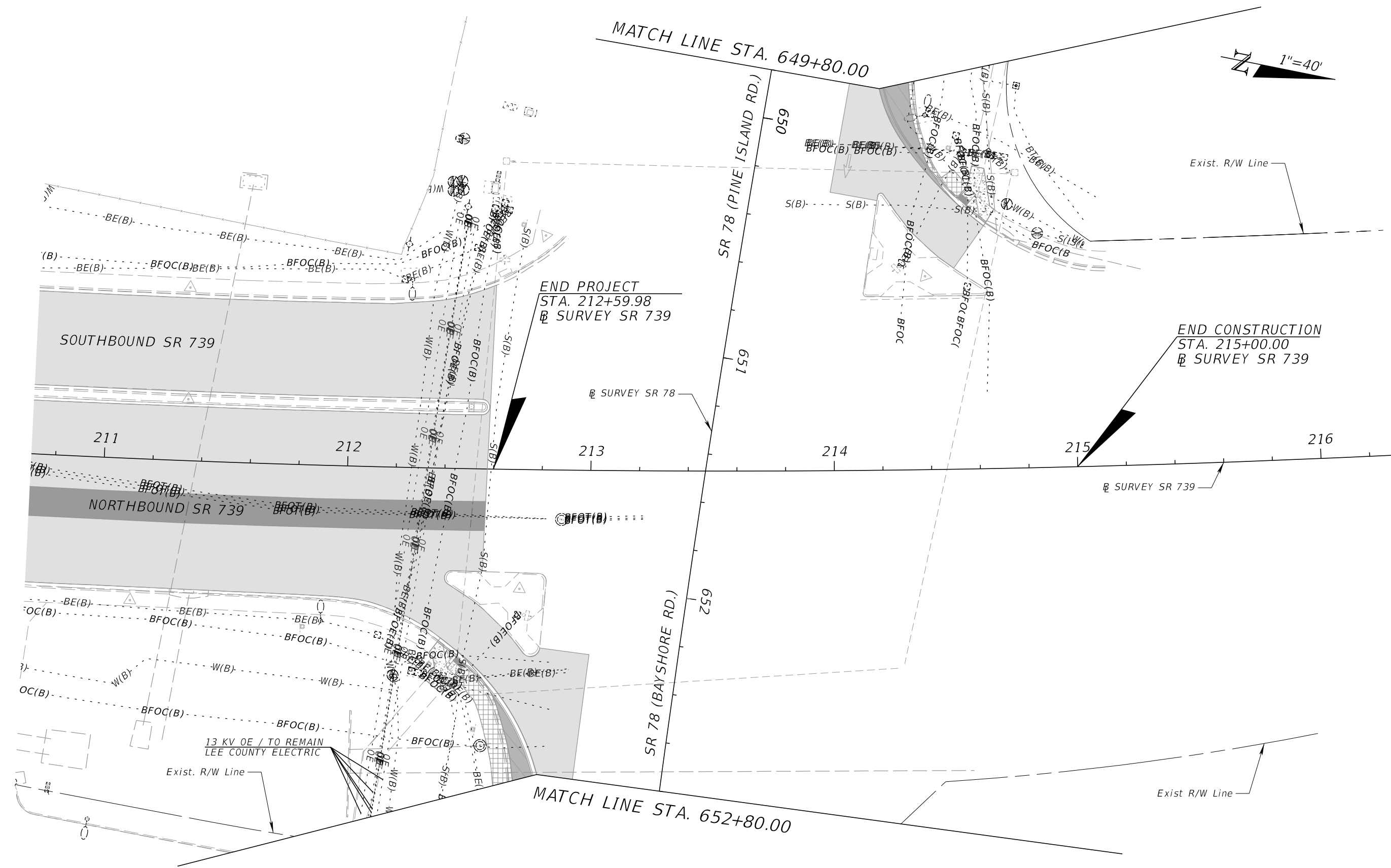


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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS	SHEET NO. 91
DATE	DESCRIPTION	DATE	DESCRIPTION	LIZETTE MARTINEZ, P.E. LICENSE NUMBER: 78631 AVANT ENGINEERING GROUP, LLC 2699 LEE ROAD, SUITE 401 WINTER PARK, FL 32789		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 739	LEE	446293-1-52-01		

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MATCH LINE STA. 649+80.00



END PROJECT
STA. 212+59.98
SURVEY SR 739

END CONSTRUCTION
STA. 215+00.00
SURVEY SR 739

13 KV OE / TO REMAIN
LEE COUNTY ELECTRIC

MATCH LINE STA. 652+80.00

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

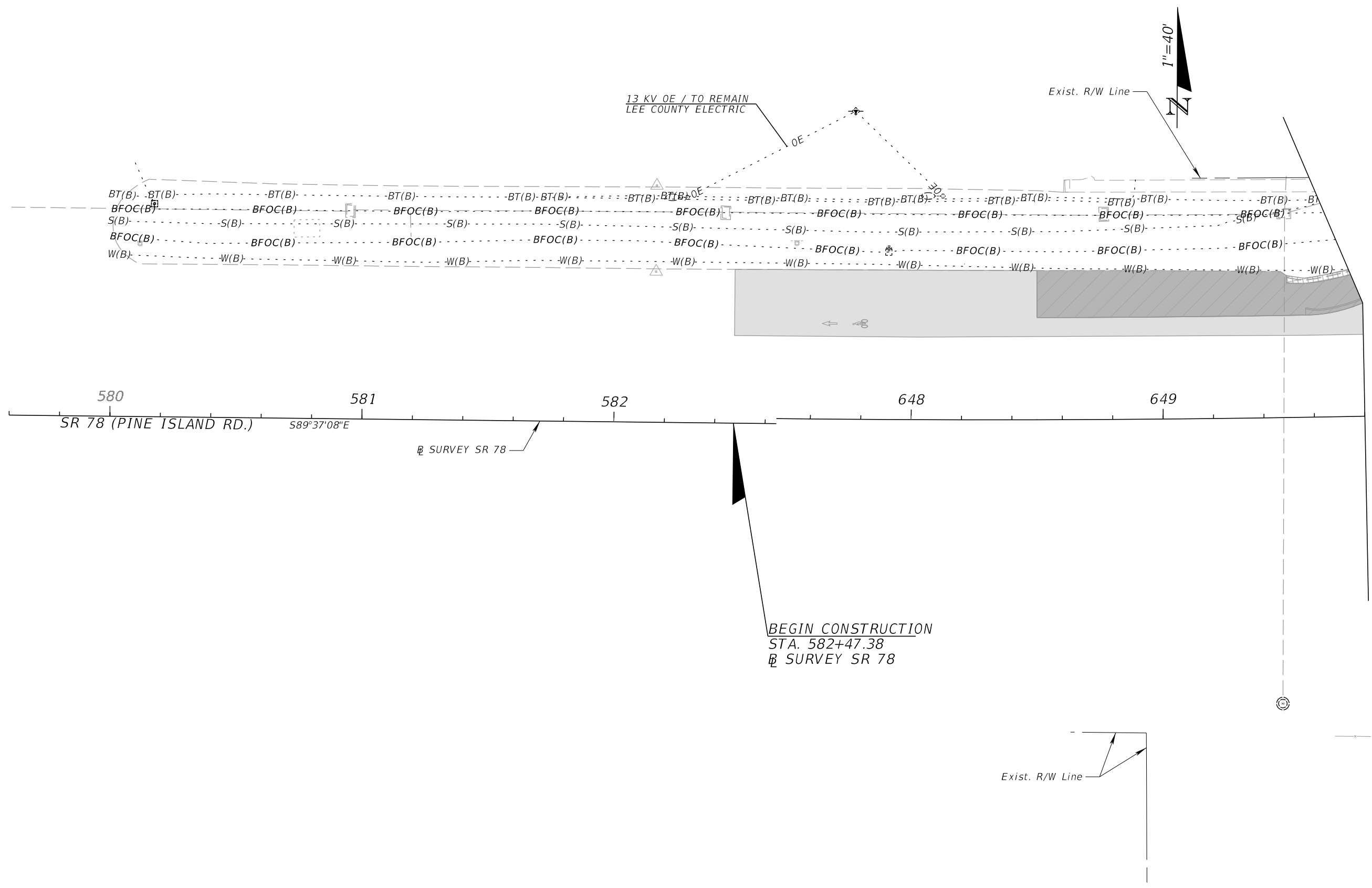
ENGINEER OF RECORD
LIZETTE MARTINEZ, P.E.
LICENSE NUMBER: 78631
AVANT ENGINEERING GROUP, LLC
2699 LEE ROAD, SUITE 401
WINTER PARK, FL 32789

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 739	LEE	446293-1-52-01

UTILITY ADJUSTMENTS

SHEET NO.
92

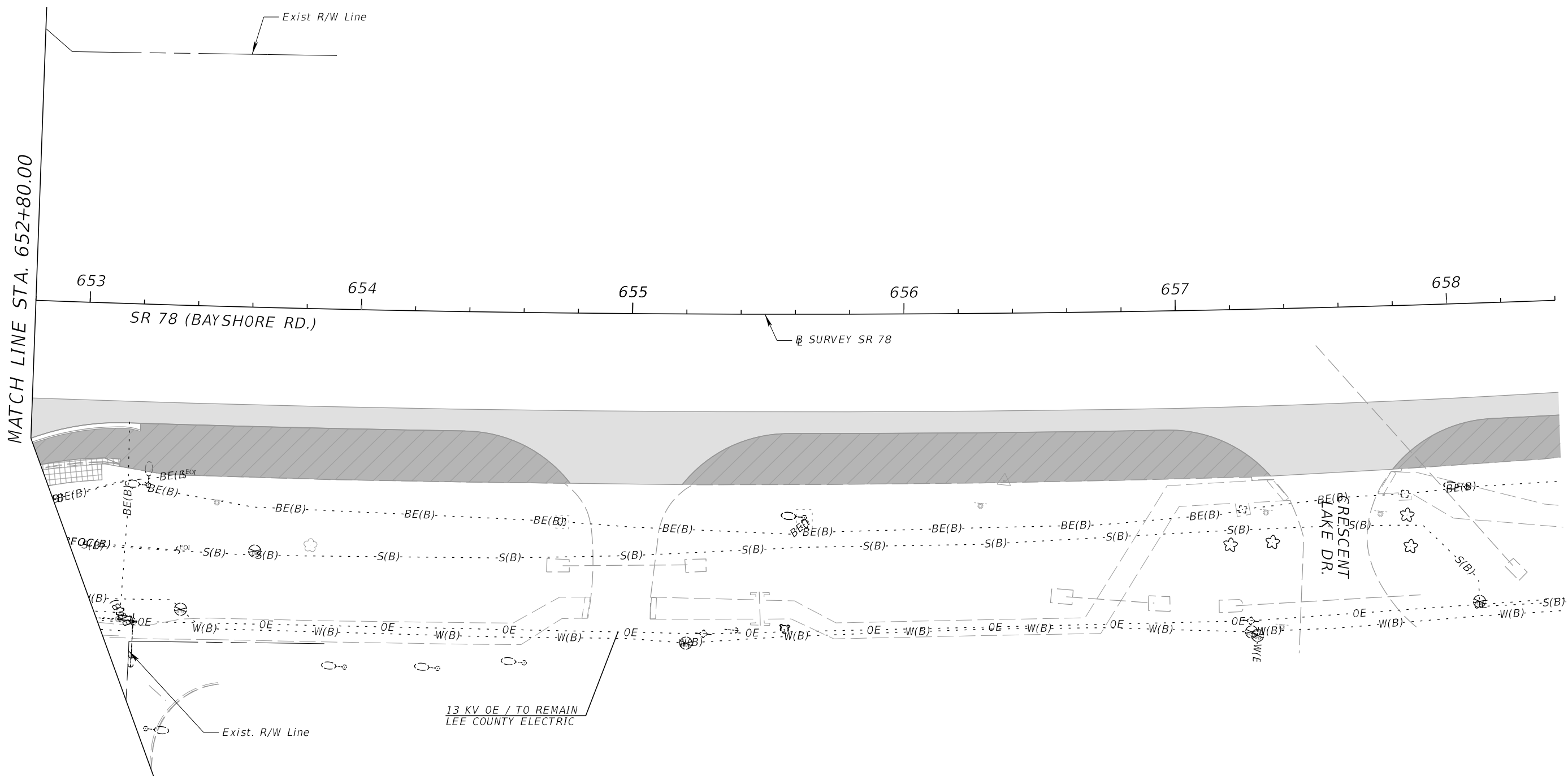
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						SR 739	LEE	446293-1-52-01		

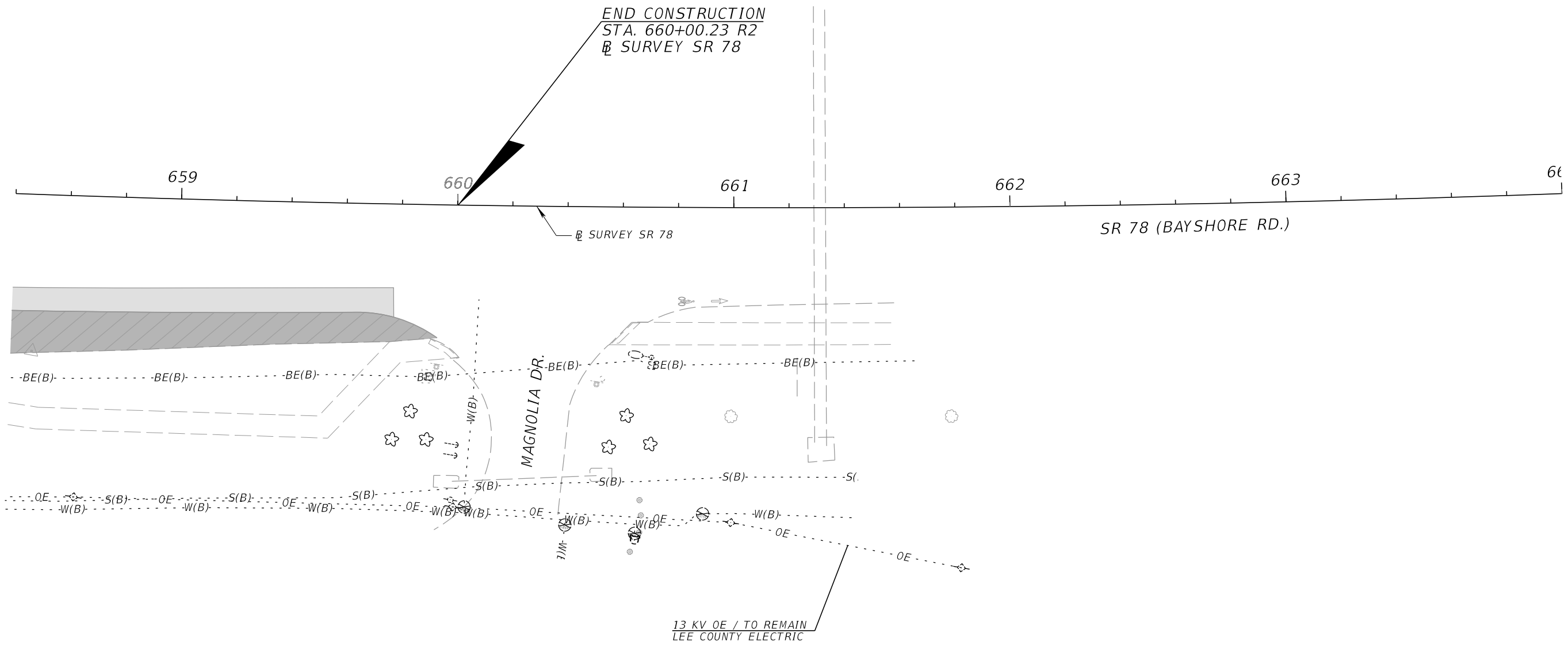
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								SR 739		LEE

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						SR 739	LEE	446293-1-52-01		

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