

CONTRACT PLANS COMPONENTS

ROADWAY PLANS  
SIGNING AND PAVEMENT MARKING PLANS  
SIGNALIZATION PLANS

A DETAILED INDEX APPEARS ON THE  
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
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3	TYPICAL SECTION
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8	GENERAL NOTES
9 - 16	ROADWAY PLAN
17 - 18	GRADING DETAILS
19 - 22	TEMPORARY TRAFFIC CONTROL PLANS
23	TRAFFIC MONITORING SITE

GR-1\* ROADWAY SOIL SURVEY

\* This sheet is included in the Index of Roadway Plans  
only to indicate that it is part of the Roadway Plans.  
This sheet is contained in a separate digitally  
signed and sealed document.

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2026-27 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>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY 2026-27 Standard Specifications  
for Road and Bridge Construction at the following website:  
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

FINANCIAL PROJECT ID 443838-1-52-01  
SEMINOLE COUNTY (77120000)  
STATE ROAD NO. 434  
FROM OLEANDER STREET TO WEST OF SR 15/600/US 17-92

PROJECT LOCATION URL: <https://tinyurl.com/443838-SR-434-AM>

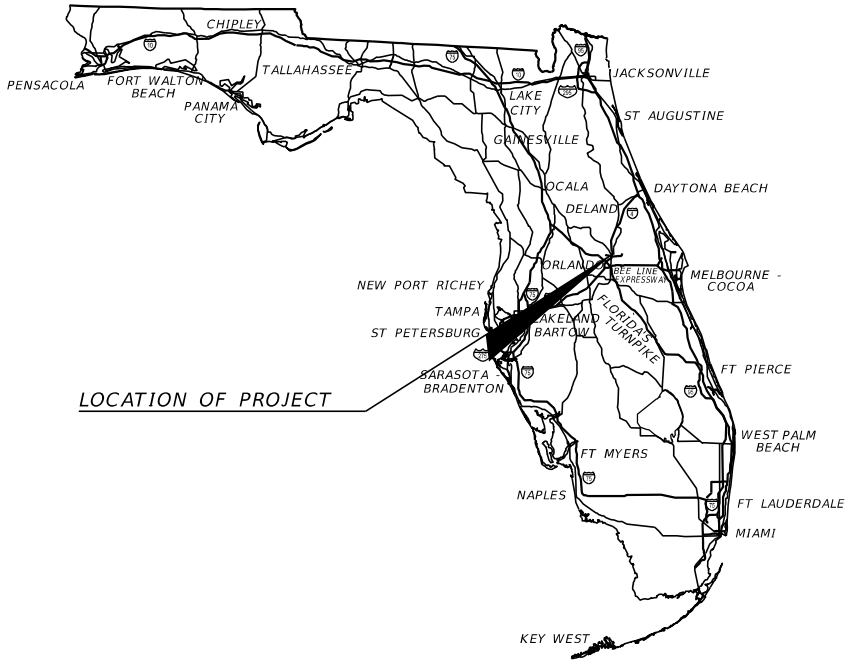
PROJECT LIMITS: BEGIN MP 6.867 – END MP 9.091

EXCEPTIONS: MP 7.622 – MP 8.087

BRIDGE LIMITS: NONE

RAILROAD CROSSING: NONE

THIS PROJECT TO BE LET TO CONTRACT  
WITH FINANCIAL PROJECT ID:  
439040-1-52-01



ROADWAY PLANS  
ENGINEER OF RECORD:

KEVIN J. IANNARONE, P.E.  
P.E. LICENSE NUMBER 71527  
ARDURRA GROUP, INC.  
3452 LAKE LYNDA DRIVE, SUITE 200  
ORLANDO, FL 32817

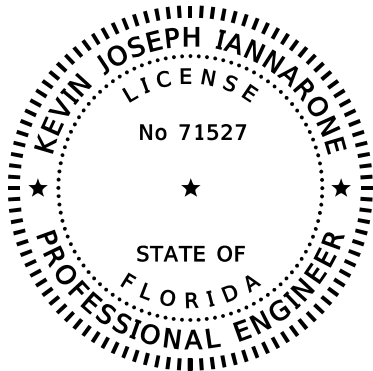
CONTRACT NO.: CAA68  
VENDOR NO.: F593216593003

FDOT PROJECT MANAGER:

DEREK DEAN P.E.

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	26	1

PHASE II SUBMITTAL  
APRIL 2025



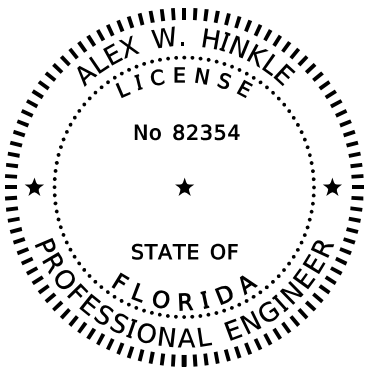
THIS DOCUMENT HAS BEEN DIGITALLY  
SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL  
PRINTED COPIES OF THIS DOCUMENT ARE  
NOT CONSIDERED SIGNED AND SEALED  
AND THE SIGNATURE MUST BE VERIFIED  
ON ANY ELECTRONIC COPIES.

ARDURRA GROUP, INC.  
3452 LAKE LYNDA DRIVE, SUITE 200  
ORLANDO, FL 32817  
KEVIN J. IANNORONE, P.E. NO. 71527

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

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	TYPICAL SECTION
4 - 5	TYPICAL SECTION DETAILS
6 - 7	PROJECT CONTROL
8	GENERAL NOTES
9 - 16	ROADWAY PLAN
17 - 18	GRADING DETAILS
19 - 22	TEMPORARY TRAFFIC CONTROL PLANS



THIS ITEM HAS BEEN DIGITALLY  
SIGNED AND SEALED BY:

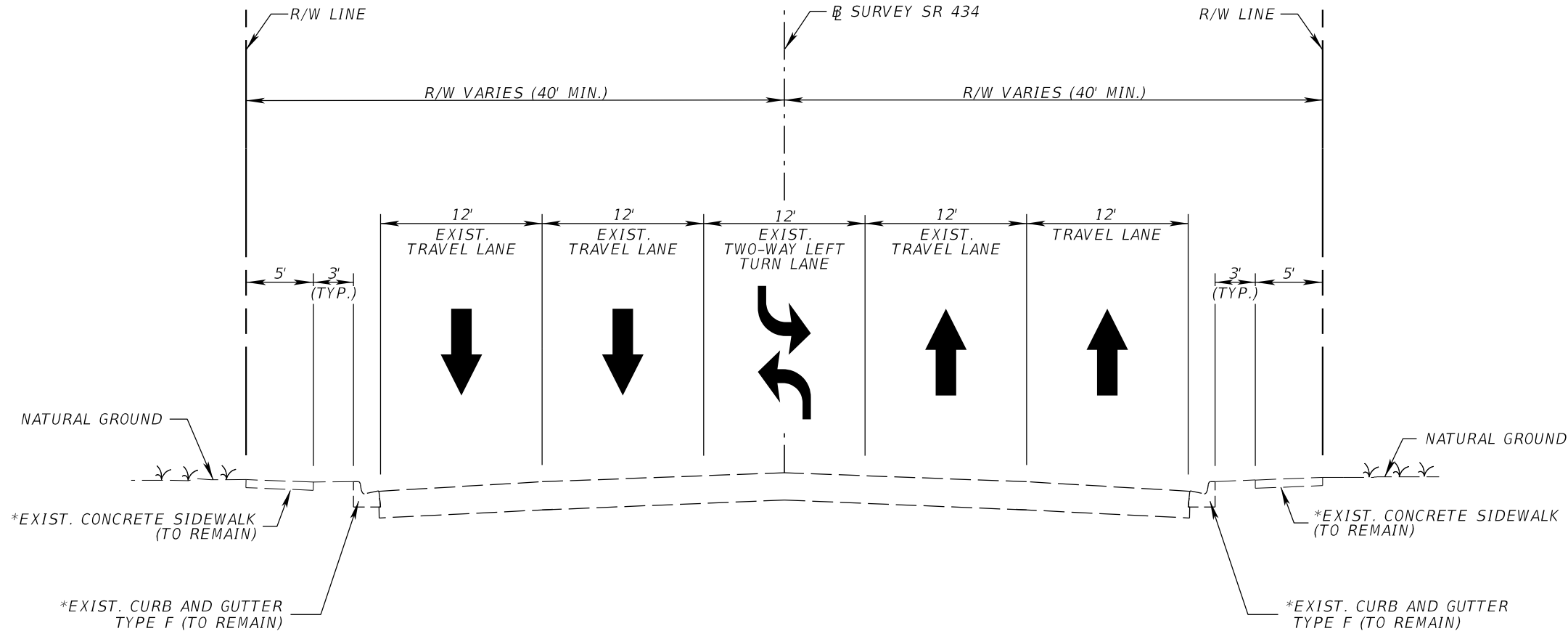
ON THE DATE ADJACENT TO THE SEAL  
PRINTED COPIES OF THIS DOCUMENT ARE  
NOT CONSIDERED SIGNED AND SEALED.  
THE SIGNATURE MUST BE VERIFIED  
ON ANY ELECTRONIC COPIES.

PROTEAN DESIGN GROUP  
100 EAST PINE STREET, SUITE 600  
ORLANDO, FLORIDA 32801  
ALEX W. HINKLE, P.E. NO. 82354

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

SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
23	TRAFFIC MONITORING SITE

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SIGNATURE SHEET	SHEET NO.	
DATE	DESCRIPTION		DATE	DESCRIPTION		ROAD NO.	COUNTY		FINANCIAL PROJECT ID	2
						SR 434	SEMINOLE		443838-1-52-01	
				KEVIN J. IANNARONE P.E. LICENSE NUMBER 71527 ARDURRA GROUP, INC. 3452 LAKE LYNDA DRIVE, SUITE 200 ORLANDO, FLORIDA 32817						



**TYPICAL SECTION No. 1**  
**SR 434**  
**STA. 164+80.00 TO STA. 196+94.12**  
**STA. 54+08.54 TO STA. 67+51.22**

**TRAFFIC DATA**

CURRENT YEAR = 2020 AADT = 33,500  
ESTIMATED OPENING YEAR = 2023 AADT = 35,000  
ESTIMATED DESIGN YEAR = 2043 AADT = 45,500  
K = 9% D = 50.40% T = 4.8% (24 HOUR)  
DESIGN SPEED = 45 MPH  
CONTEXT CLASSIFICATION = C3C

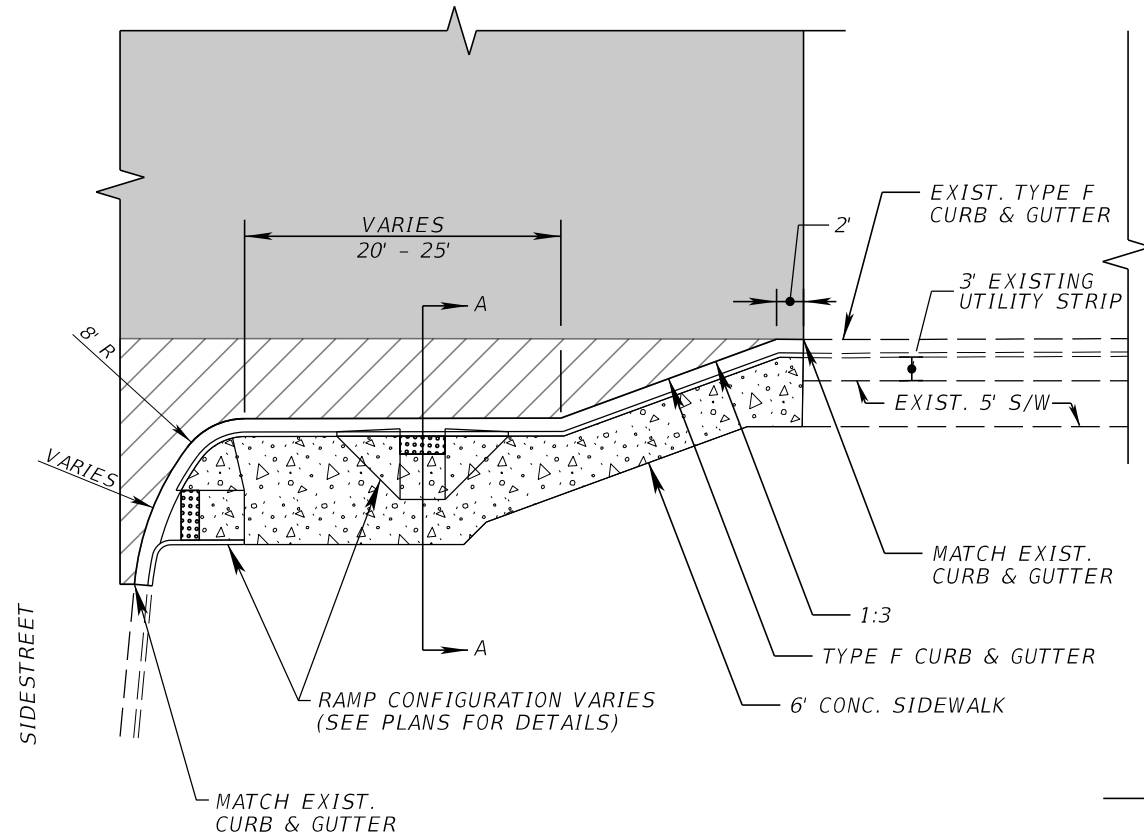
**NOTES:**

- STA. 196+94.12 (BK) = STA 54+08.56 (AH)
- SIDEWALK CONSTRUCTION AT RANGELINE ROAD INTERSECTION NOT INCLUDED IN TYPICAL SECTION, SEE PLAN VIEW.

\*RECONSTRUCTION AT ISOLATED LOCATIONS (SEE ROADWAY PLAN).

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	KEVIN J. IANNARONE P.E. LICENSE NUMBER 71527 ARDURRA GROUP, INC. 3452 LAKE LYNDA DRIVE, SUITE 200 ORLANDO, FLORIDA 32817	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		3
					SR 434	SEMINOLE	443838-1-52-01		

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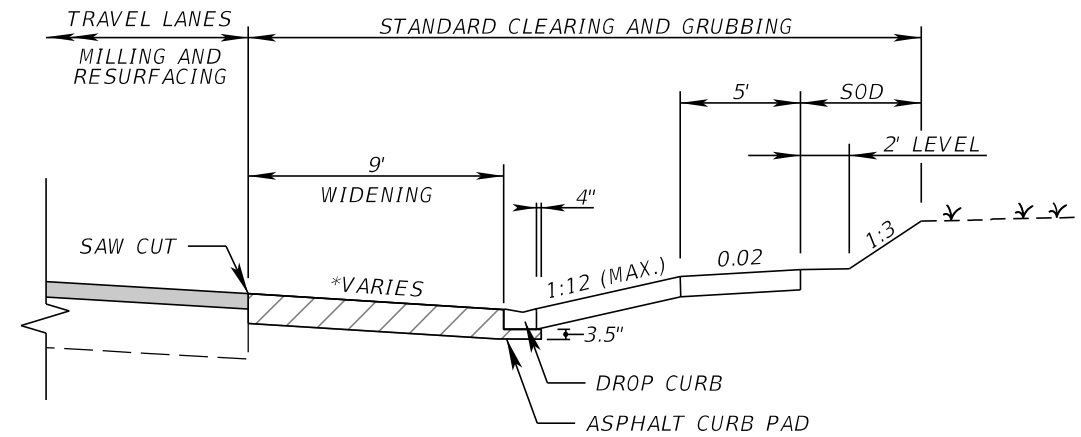
**U-TURN LOON DETAIL**  
SEE PLANS FOR LOCATIONS

**WIDENING**

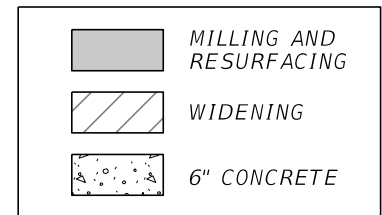
OPTIONAL BASE GROUP 11 TYPE B-12.5 (ONLY) WITH  
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2 1/2") (PG 76-22)  
FRICTION COURSE FC-12.5 (TRAFFIC C) (1 1/2") (PG 76-22)

**EXISTING TRAVEL LANES / TURN LANES**

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



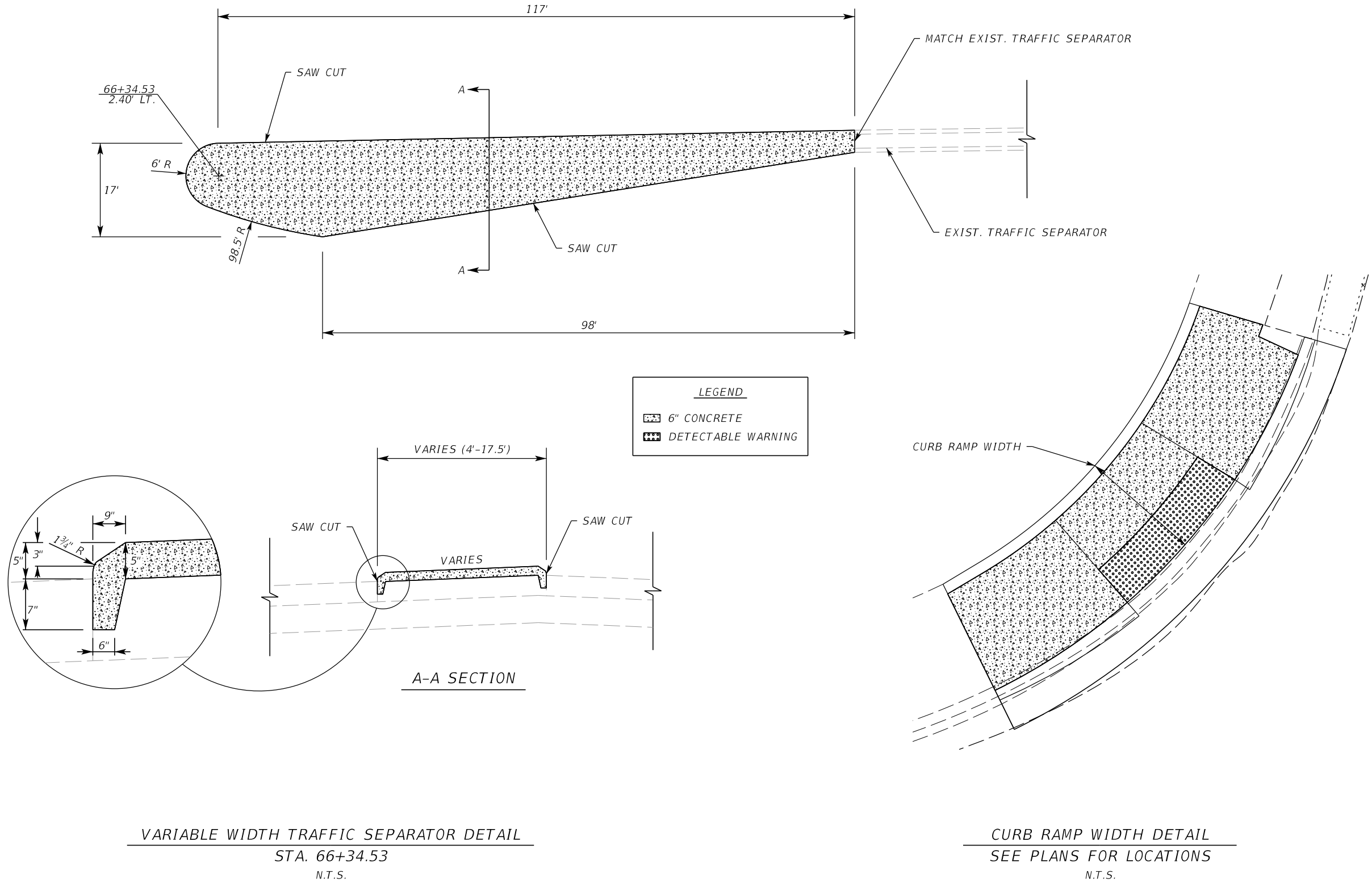
**A-A SECTION**



\*SEE GRADING DETAILS  
FOR PAVEMENT CROSS SLOPE

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				KEVIN J. IANNARONE P.E. LICENSE NUMBER 71527 ARDURRA GROUP, INC. 3452 LAKE LYNDY DRIVE, SUITE 200 ORLANDO, FLORIDA 32817	SR 434	SEMINOLE	443838-1-52-01		4

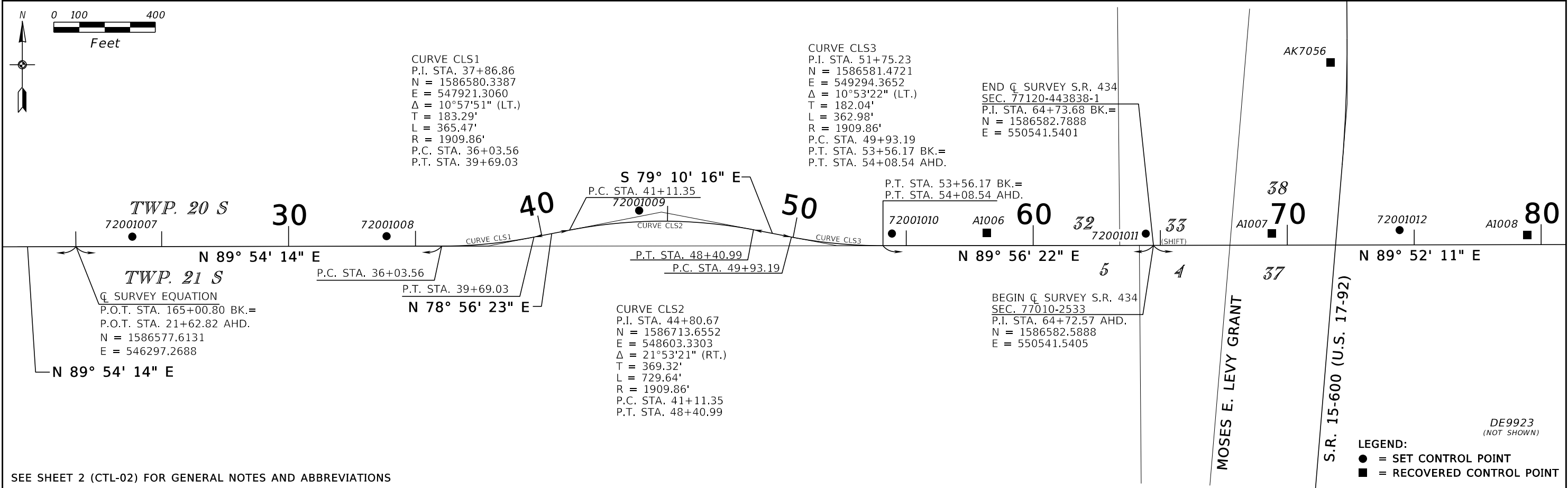
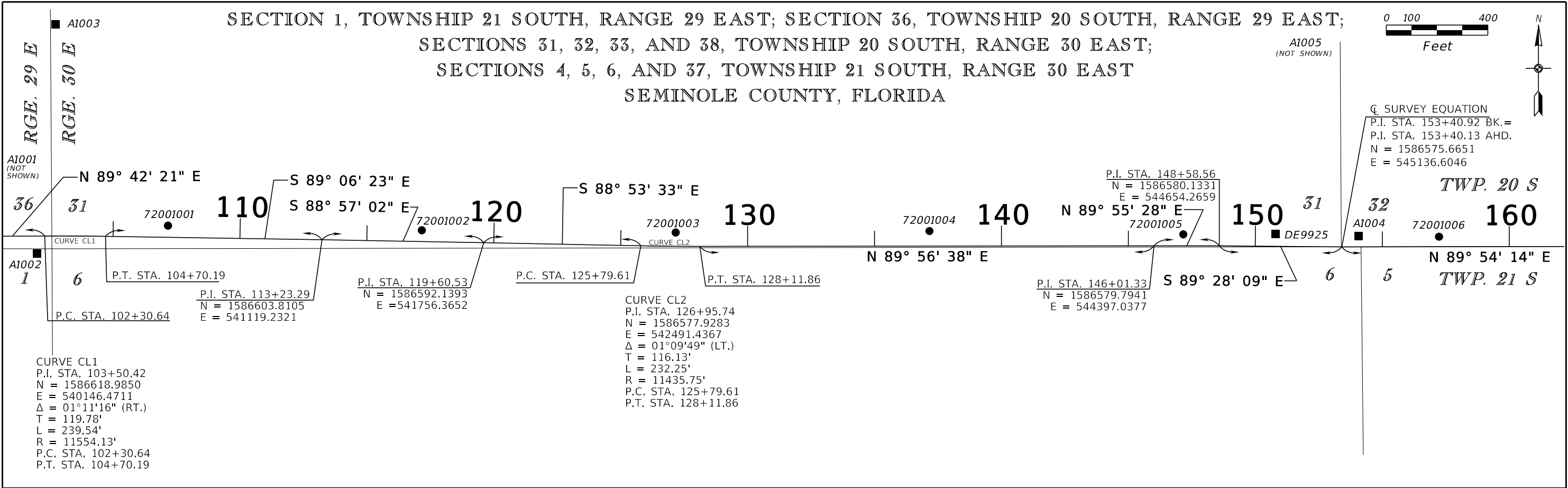
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CAD\Roadway\Drawings\Roadway\ROADWAY



REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION DETAILS	SHEET NO.  5
DATE	DESCRIPTION	DATE	DESCRIPTION	KEVIN J. IANNARONE, PE LICENSE NUMBER: 71527 ARDURRA GROUP, INC. 3452 LAKE LYNDA DR, SUITE 200 ORLANDO, FLORIDA 32817		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 434	SEMINOLE	443838-1-52-01		

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SEE SHEET 2 (CTL-02) FOR GENERAL NOTES AND ABBREVIATIONS

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT CONTROL	SHEET NO.  6
DATE	DESCRIPTION	DATE	DESCRIPTION	KEVIN J. IANNARONE P.E. LICENSE NUMBER 71527 ARDURRA GROUP, INC. 3452 LAKE LYNDA DRIVE, SUITE 200 ORLANDO, FLORIDA 32817		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 434	SEMINOLE	443838-1-52-01		

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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HORIZONTAL AND VERTICAL CONTROL									
CONTROL POINT	B SURVEY STATION	OFFSET LT. / RT.	(Z) ELEVATION	(Y) NORTH	(X) EAST	LATITUDE (N)	LONGITUDE (W)	SCALE FACTOR	DESCRIPTION
A1001	92+81.38	63.69 ' RT.	87.137	1586549.8059	539077.7696	28°41'51.70765"	81°21'54.83035"	.999957060	FOUND 3.5" BRASS FDOT DISK "D5PNC 72001 001"
A1002	101+99.80	67.95 ' RT.	87.759	1586550.2606	539996.2039	28°41'51.73991"	81°21'44.51712"	.999956790	FOUND 3.5" BRASS FDOT DISK "D5PNC 72001 002"
A1003	102+74.39	833.67 ' LT.	86.174	1587452.1801	540069.3146	28°42'00.67194"	81°21'43.72692"	.999956840	FOUND 3.5" BRASS FDOT DISK "D5PNC 72001 003
A1004	154+06.20	43.15 ' LT.	81.816	1586618.9281	545202.6004	28°41'52.57302"	81°20'46.05577"	.999955720	FOUND 3.5" BRASS FDOT DISK "D5PNC 72001 004
A1005	153+01.85	1254.24 ' LT.	75.412	1587830.2172	545109.1512	28°42'04.56323"	81°20'47.14468"	.999956050	FOUND 3.5" BRASS FDOT DISK "D5PNC 72001 005
A1006	58+17.68	49.81 ' LT.	72.691	1586631.9013	549885.4856	28°41'52.83331"	81°19'53.47099"	.999955000	FOUND 3.5" BRASS FDOT DISK "D5PNC 72001 006"
A1007	69+39.66	46.84 ' LT.	72.631	1586630.4951	551008.5240	28°41'52.85016"	81°19'40.86008"	.999954730	FOUND 3.5" BRASS FDOT DISK "D5PNC 72001 007"
A1008	79+44.95	38.47 ' LT.	70.307	1586624.4029	552013.8243	28°41'52.81712"	81°19'29.57113"	.999954590	FOUND 3.5" BRASS FDOT DISK "D5PNC 72001 008"
AK7056	71+71.02	718.12 ' LT.	70.184	1587302.2927	551238.3517	28°41'59.50713"	81°19'38.30048"	.999954790	FOUND DRM IN 4" WELL & NGS CAP "V016 1990"
DE9923	53+03.90	5944 ' RT.	58.550	1580640.7	549267.8	28°40'54.0"	81°20'00.0"	N/A	FOUND DRM IN 4" WELL & NGS CAP "A 458 1997"
DE9925	150+78.98	49.1 ' LT.	81.857	1586627.2	544875.1	28°41'52.0"	81°20'49.0"	N/A	FOUND 3.5" BRASS NGS DISK "C 458 1997"
72101001	107+15.50	44.9 ' LT.	87.979	1586658.2	540512.2	28°41'52.824"	81°21'38.727"	.999956506	SET 3.25" ALUMINUM FDOT DISK "D5PNC 72101 001"
72101002	117+15.41	44.3 ' LT.	86.814	1586640.9	541512.1	28°41'52.682"	81°21'27.498"	.999956242	SET 3.25" ALUMINUM FDOT DISK "D5PNC 72101 002"
72101003	127+16.00	53.2 ' LT.	85.873	1586631.6	542512.1	28°41'52.619"	81°21'16.269"	.999955981	SET 3.25" ALUMINUM FDOT DISK "D5PNC 72101 003"
72101004	137+16.30	57.5 ' LT.	84.993	1586636.4	543511.9	28°41'52.697"	81°21'05.041"	.999955722	SET 3.25" ALUMINUM FDOT DISK "D5PNC 72101 004"
72101005	147+16.55	45.3 ' LT.	82.971	1586625.2	544512.2	28°41'52.615"	81°20'53.809"	.999955464	SET 3.25" ALUMINUM FDOT DISK "D5PNC 72101 005"
72101006	157+30.56	39.6 ' LT.	79.410	1586615.9	545527.0	28°41'52.552"	81°20'42.414"	.999955206	SET 3.25" ALUMINUM FDOT DISK "D5PNC 72101 006"
72101007	23+92.53	39.5 ' LT.	72.532	1586617.5	546526.9	28°41'52.596"	81°20'31.185"	.999954953	SET 3.25" ALUMINUM FDOT DISK "D5PNC 72101 007"
72101008	33+92.53	39.2 ' LT.	65.929	1586618.9	547526.9	28°41'52.638"	81°20'19.956"	.999954703	SET 3.25" ALUMINUM FDOT DISK "D5PNC 72101 008"
72101009	43+96.62	39.0 ' LT.	65.523	1586715.4	548522.2	28°41'53.622"	81°20'08.783"	.999954457	SET 3.25" ALUMINUM FDOT DISK "D5PNC 72101 009"
72101010	54+50.85	49.4 ' LT.	71.913	1586631.2	549518.7	28°41'52.815"	81°19'57.591"	.999954212	SET 3.25" ALUMINUM FDOT DISK "D5PNC 72101 010"
72101011	64+43.64	39.5 ' LT.	72.033	1586622.3	550511.5	28°41'52.754"	81°19'46.442"	.999953970	SET 3.25" ALUMINUM FDOT DISK "D5PNC 72101 011"
72101012	74+42.53	57.4 ' LT.	71.352	1586642.2	551511.4	28°41'52.979"	81°19'35.214"	.999953729	SET 3.25" ALUMINUM FDOT DISK "D5PNC 72101 012"

GENERAL NOTES:

- 1.) ANY PROJECT CONTROL MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A MONUMENT IS IN DANGER OF BEING DESTROYED THE PROJECT ADMINISTRATOR SHOULD NOTIFY THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DISTRICT FIVE SURVEYING AND MAPPING SURVEYOR WITHOUT DELAY, BY TELEPHONE (386) 943-5260 OR BY EMAIL AT JOHN.CHENEY@DOT.STATE.FL.US
- 2.) THE PRIMARY HORIZONTAL CONTROL POINTS FOR THIS PROJECT WERE ESTABLISHED BY THE DISTRICT FIVE SURVEYING AND MAPPING UNIT IN NETWORK 72001 AND IS RELATED TO THE FLORIDA PERMANENT REFERENCE NETWORK (FPRN) REFERENCE STATIONS "FLEU", "ORL1", "POLK", AND "SNFD". ALTHOUGH THE FPRN IS BASED ON THE MOST CURRENT REALIZATION (NAD 83 /2011, EPOCH 2010.000 AFTER 1/6/2020), BEARINGS AND COORDINATES SHOWN HEREON ARE RELATED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, 1983 NORTH AMERICAN DATUM, 1990 ADJUSTMENT TO BE CONGRUENT WITH FORMER AND ADJACENT MAPPING PROJECTS.
- 3.) THE PRIMARY VERTICAL CONTROL FOR THIS PROJECT WAS ESTABLISHED BY ECHO UES, INC. IN NETWORK 72101 VIA DIFFERENTIAL LEVELING AND ARE RELATED TO THE NORTH AMERICAN VERTICAL DATUM, 1988 ADJUSTMENT, BASED ON PUBLISHED VALUES FOR THE FOLLOWING NATIONAL GEODETIC SURVEY (NGS) STATIONS PERMANENT IDENTIFICATION (PID) "DE9923" AND "DE9925".
- 4.) THE EXISTING S.R. 434 BASELINE OF SURVEY ALIGNMENT "AL1" DEPICTED HEREON IS BASED ON RIGHT OF WAY SECTION 77580-2601, SECTION 77580-2609, AND SECTION 77010-2533.
- 5.) ATTENTION IS DIRECTED TO THE FACT THESE MAPS MAY HAVE BEEN REDUCED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.
- 6.) ALL DISTANCES AND BEARINGS ARE COMPUTED UNLESS OTHERWISE INDICATED. COORDINATES, DISTANCES, AND ELEVATIONS SHOWN HEREON ARE IN U.S. SURVEY FOOT AND DECIMALS OF A FOOT THEREOF.

ABBREVIATIONS:

ARP	= ANTENNA REFERENCE POINT	FDOT	= FLORIDA DEPARTMENT OF TRANSPORTATION	N/A	= NOT APPLICABLE	S	= SOUTH
AHD.	= AHEAD	FPRN	= FLORIDA PERMANENT REFERENCE NETWORK	N&D	= NAIL AND DISK	STA.	= STATION
BK.	= BACK	ID.	= IDENTIFICATION	P.C.	= POINT OF CURVATURE	SEC.	= SECTION
B	= BASELINE	IRC	= IRON ROD AND CAP	P.I.	= POINT OF INTERSECTION	S.R.	= STATE ROAD
C	= CENTERLINE	LT.	= LEFT	PID	= PERMANENT IDENTIFIER	TWP.	= TOWNSHIP
CORS	= CONTINUALLY OPERATING REFERENCE STATION	PNC	= PROJECT NETWORK CONTROL	PK	= PARKER-KALON FASTENER	W	= WEST
CM	= CONCRETE MONUMENT	LB	= LICENSED BUSINESS	P.O.T.	= POINT ON TANGENT	U.S.	= UNITED STATES
DRM	= DEEP ROD MARK	N	= NORTH	P.T.	= POINT OF TANGENCY	&	= AND
E	= EAST	NGS	= NATIONAL GEODETIC SURVEY	RT.	= RIGHT	Δ	= DELTA
F.P.	= FINANCIAL PROJECT	NO.	= NUMBER	RGE.	= RANGE	T	= TANGENT
						L	= LENGTH
						R	= RADIUS

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT CONTROL	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	KEVIN J. IANNARONE P.E. LICENSE NUMBER 71527 ARDURRA GROUP, INC. 3452 LAKE LYNDA DRIVE, SUITE 200 ORLANDO, FLORIDA 32817	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		7
					SR 434	SEMINOLE	443838-1-52-01		

HORIZONTAL AND VERTICAL CONTROL

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

KEVIN J. IANNARONE P.E.  
LICENSE NUMBER 71527  
ARDURRA GROUP, INC.  
3452 LAKE LYNDA DRIVE, SUITE 200  
ORLANDO, FLORIDA 32817

SR 434

SEMINOLE

443838-1-52-01

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GENERAL NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. 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:

MARK J. EFIRD, PSM NO. 5454	DAVID F. MCKAY, PSM NO. 5435
ECHO UES, INC.	I.F. ROOKS & ASSOCIATES, LLC
4803 GEORGE ROAD, SUITE 350	106 NW DRANE STREET
TAMPA, FLORIDA 33634	PLANT CITY, FL 33563
FLORIDA LICENSED BUSINESS NO. 8184	FLORIDA LICENSED BUSINESS NO. 6618

3. 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.

4. UTILITY/AGENCY OWNERS:

COMPANY	CONTACT	TELEPHONE NUMBERS	EMAIL
AT&T DISTRIBUTION	KIRBY SPENCER	386-366-4588	KS2488@ATT.COM
AT&T TCA	MARTIN SHAW	610-328-6485	MARTIN@TRECGROUP.COM
CENTURYLINK	DAVID R. BRYNES	689-407-3564	DAVID.R.BRYNES@LUMEN.COM
CENTURYLINK - LUMEN (L3)	ERIC WALLS	407-842-9634	ERIC.WALLS1@LUMEN.COM
CHARTER COMMUNICATIONS	LASZLO WAGNER	407-215-5716	LASZLO.WAGNER@CHARTER.COM
CITY OF LONGWOOD	JEFF FRENCH	407-263-2396	JFRENCH@LONGWOODFL.ORG
DUKE ENERGY DISTRIBUTION	BRET GORDON	407-772-5309	BRET.GORDON@DUKE-ENERGY.COM
DUKE ENERGY TRANSMISSION	SCOTT VANVELZOR	727-332-9403	SVANVELZOR@PIKE.COM
FLORIDA PUBLIC UTILITIES	JOHNNY HILL	352-636-7056	JHILL@FPUC.COM
LEVEL 3 COMMUNICATIONS	ERIC WALLS	407-842-9634	ERIC.WALLS@LUMEN.COM
VERIZON BUSINESS (FKA MCI)	TIM COLE	407-702-6425	TIMOTHY.COLE@VERIZON.COM
SMART CITY	TRES RAMER	407-828-6720	TRAMER@SMARTCITY.COM
TCA/AT&T METRO	MARTIN SHAW	610-513-7050	MARTIN@TREGROUP.COM
WOW FIBER INTERNET	DAVE HAMLIN	727-239-0156	DAV.HAMLIN@WOWINC.COM
ZAYO GROUP	KATE PETERS	815-274-7274	KATE.PETERS@COBBFENDLEY.COM

5. LYNX TRANSIT'S ROUTE #1 IS WITHIN THE SR 434 PROJECT LIMITS. CONTACT/COORDINATE WITH THE TRANSIT AGENCY PRIOR TO AND DURING CONSTRUCTION:

START WORK NOTIFICATION

JEFFERY PEARSALL, MANAGER OF TRANSPORTATION	(407) 254-6108	JPEARSALL@GOLYNX.COM
BRUCE DETWEILER, MANAGER OF SERVICE PLANNING	(407) 254-6136	BDETWEILER@GOLYNX.COM
JENNIFER HALL, PROJECT MANAGER	(407) 254-6110	JHALL@GOLYNX.COM

LANE CLOSURE NOTIFICATIONS

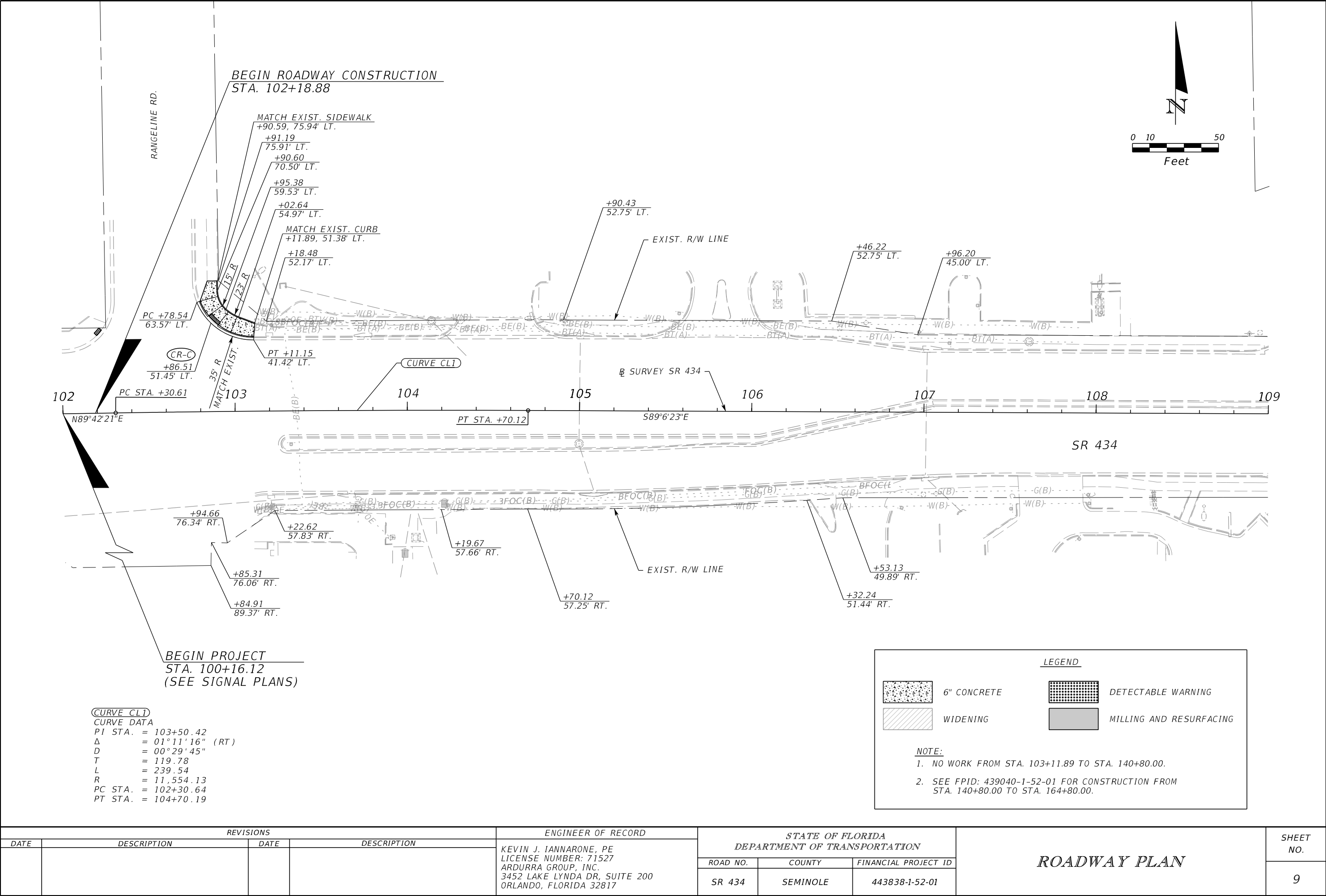
JEFFERY PEARSALL, MANAGER OF TRANSPORTATION	(407) 254-6108	JPEARSALL@GOLYNX.COM
REY QUINONES, MANAGER OF TRANSPORTATION	(407) 254-6223	RQUINONES@GOLYNX.COM
BRUCE DETWEILER, MANAGER OF SERVICE PLANNING	(407) 254-6136	BDETWEILER@GOLYNX.COM

6. IF EXISTING ITS FACILITIES ARE IMPACTED BY CONSTRUCTION ACTIVITIES, CONTACT THE FDOT TRAFFIC OPERATIONS MANAGER AT (386) 943-5000.
7. APPLY FOR A NO FEE RIGHT OF WAY PERMIT FROM THE CITY OF LONGWOOD PRIOR TO CONSTRUCTION.
8. ALL CURB AND GUTTER CONSTRUCTION WILL BE TYPE F UNLESS OTHERWISE NOTED.

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	KEVIN J. IANNARONE P.E. LICENSE NUMBER 71527 ARDURRA GROUP, INC. 3452 LAKE LYNDA DRIVE, SUITE 200 ORLANDO, FLORIDA 32817	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		8
					SR 434	SEMINOLE	443838-1-52-01		

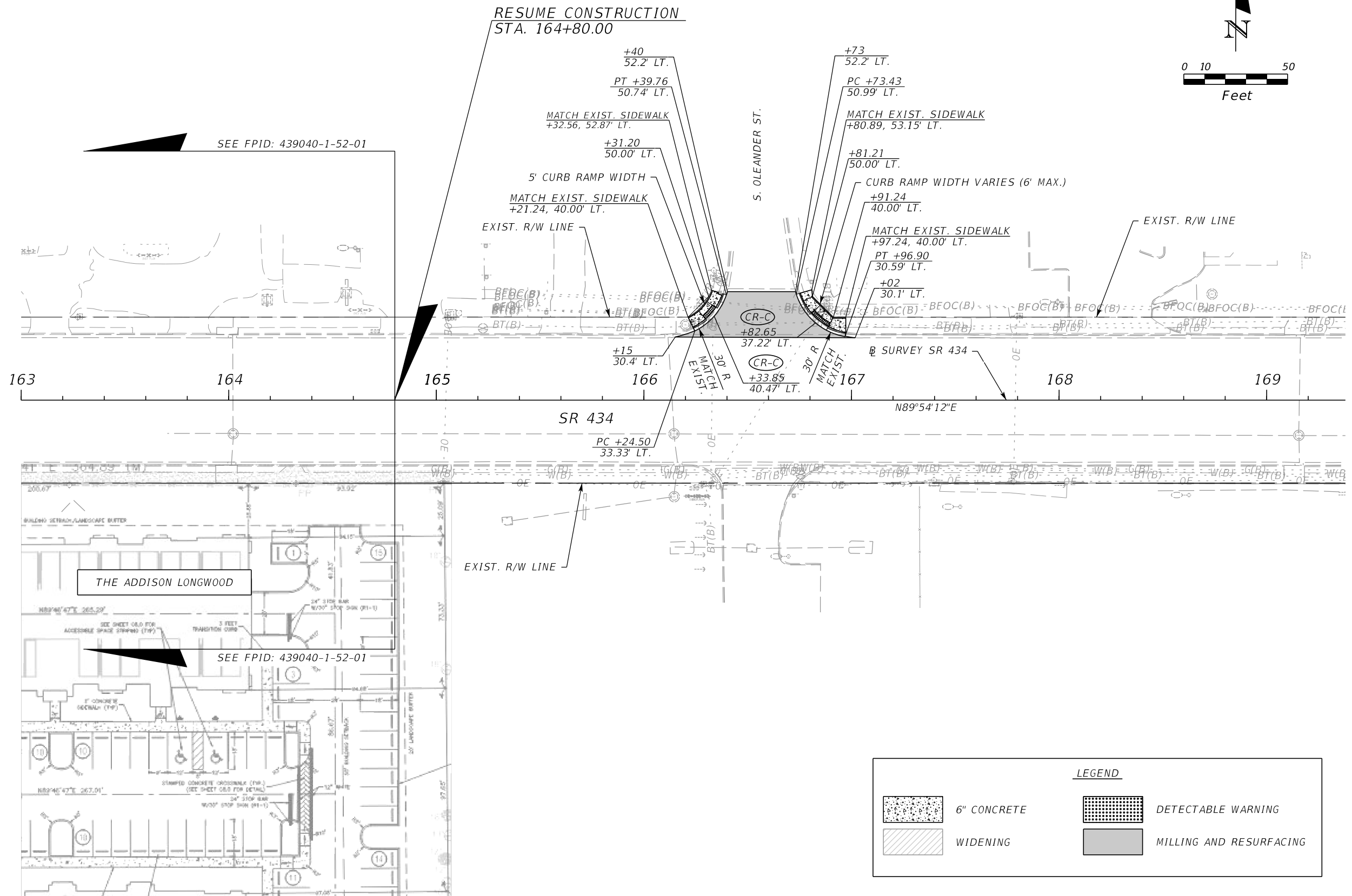
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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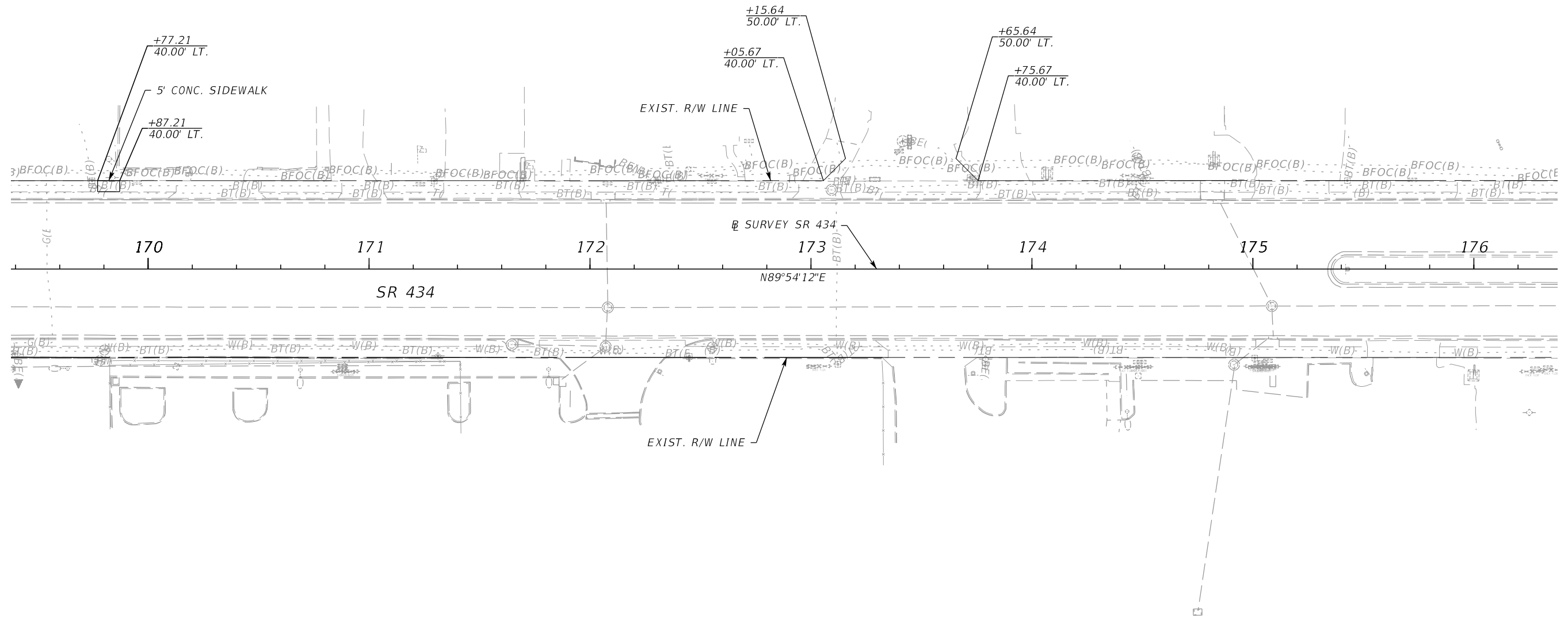
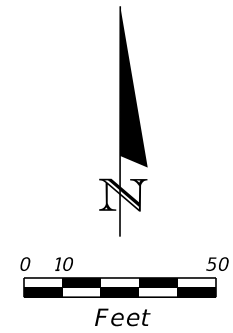
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					SR 434	SEMINOLE	443838-1-52-01		10

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LEGEND

6" CONCRETE

WIDENING

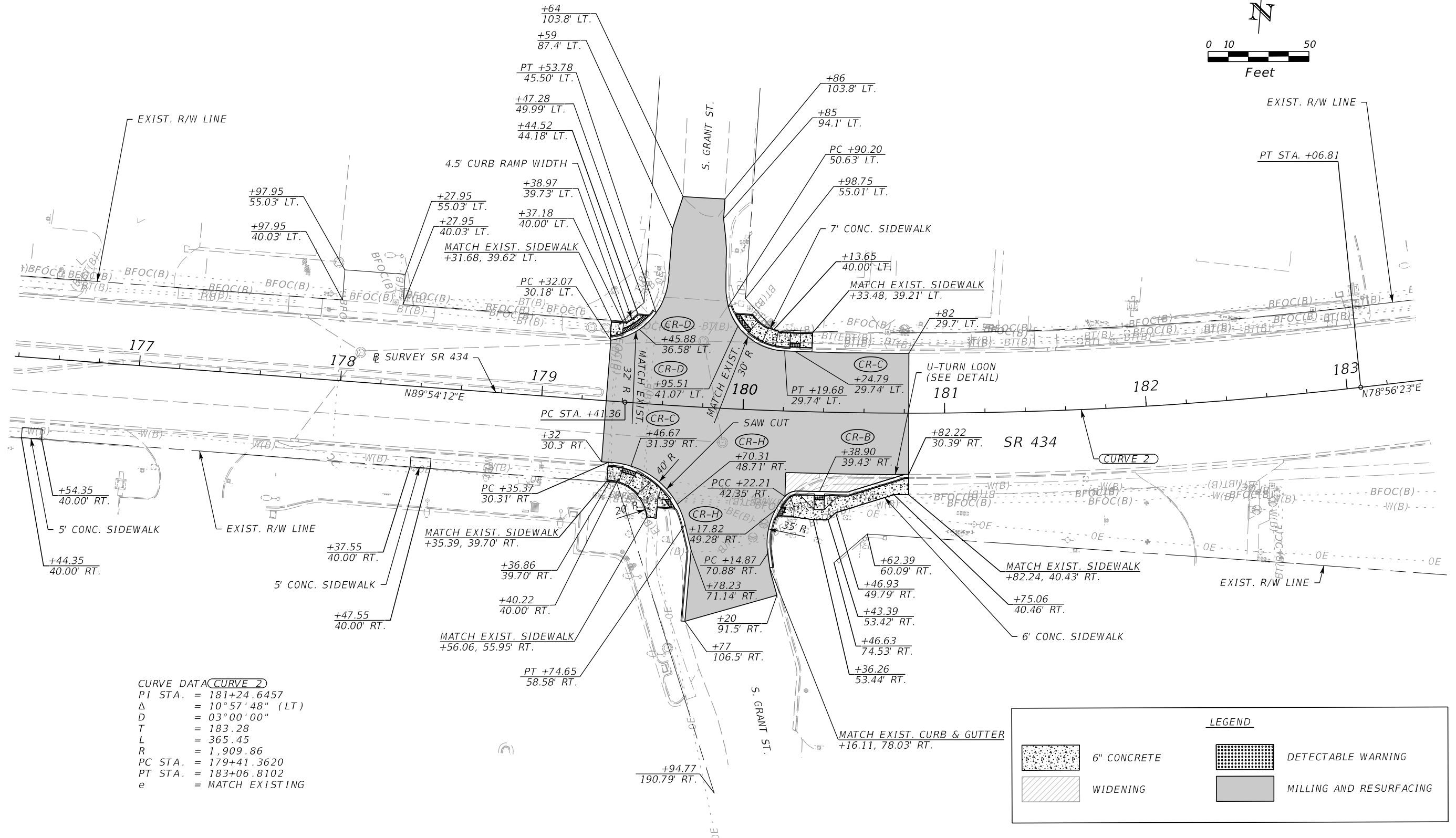
DETECTABLE WARNING

MILLING AND RESURFACING

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						
					ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				KEVIN J. IANNARONE P.E. LICENSE NUMBER 71527 ARDURRA GROUP, INC. 3452 LAKE LYNDY DRIVE, SUITE 200 ORLANDO, FLORIDA 32817	SR 434	SEMINOLE	443838-1-52-01		11

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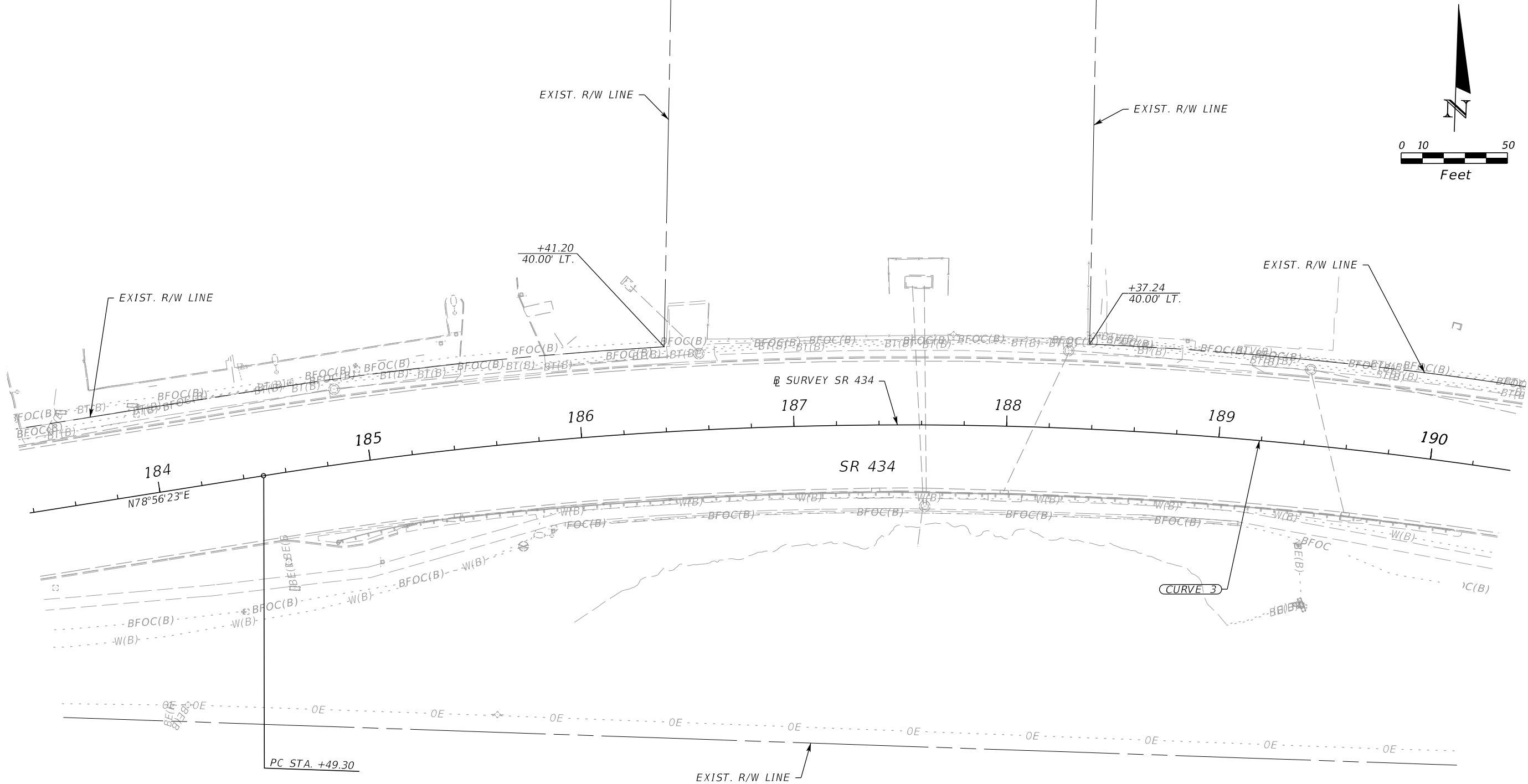
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	KEVIN J. IANNARONE P.E. LICENSE NUMBER 71527 ARDURRA GROUP, INC. 3452 LAKE LYNDA DRIVE, SUITE 200 ORLANDO, FLORIDA 32817	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		12
					SR 434	SEMINOLE	443838-1-52-01		

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CURVE DATA (CURVE 3)  
PI STA. = 188+18.6233  
 $\Delta$  = 21°53'21" (RT)  
D = 03°00'00"  
T = 369.32  
L = 729.64  
R = 1,909.86  
PC STA. = 184+49.3014  
PT STA. = 191+78.9393  
e = MATCH EXISTING

LEGEND

6" CONCRETE

WIDENING

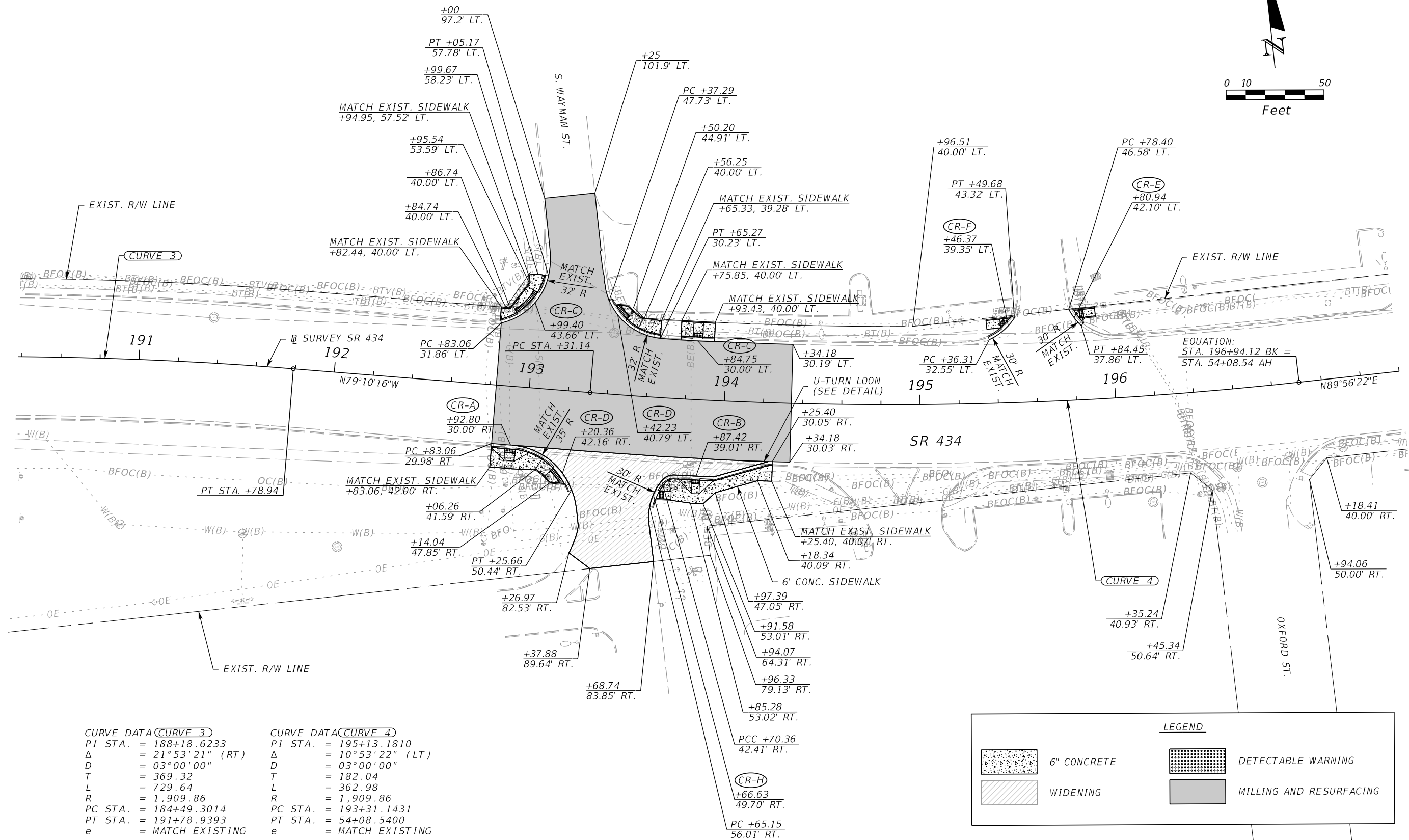
DETECTABLE WARNING

MILLING AND RESURFACING

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	KEVIN J. IANNARONE P.E. LICENSE NUMBER 71527 ARDURRA GROUP, INC. 3452 LAKE LYNDA DRIVE, SUITE 200 ORLANDO, FLORIDA 32817	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		13
					SR 434	SEMINOLE	443838-1-52-01		

KEVIN J. IANNARONE P.E.  
LICENSE NUMBER 71527  
ARDURRA GROUP, INC.  
3452 LAKE LYNDY DRIVE, SUITE 200  
ORLANDO, FLORIDA 32817

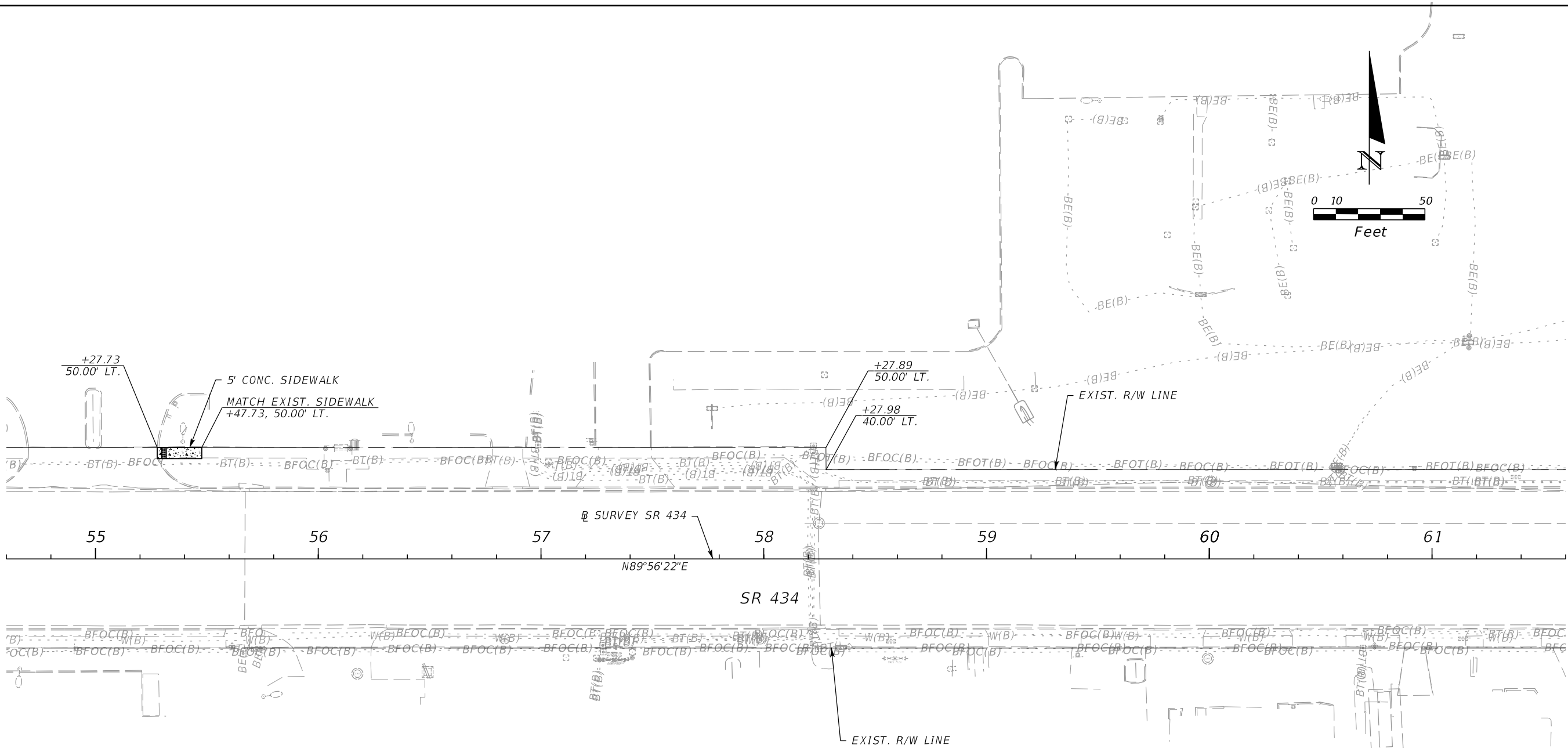
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.  14
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				KEVIN J. IANNARONE P.E. LICENSE NUMBER 71527 ARDURRA GROUP, INC. 3452 LAKE LYNDY DRIVE, SUITE 200 ORLANDO, FLORIDA 32817	SR 434	SEMINOLE	443838-1-52-01		

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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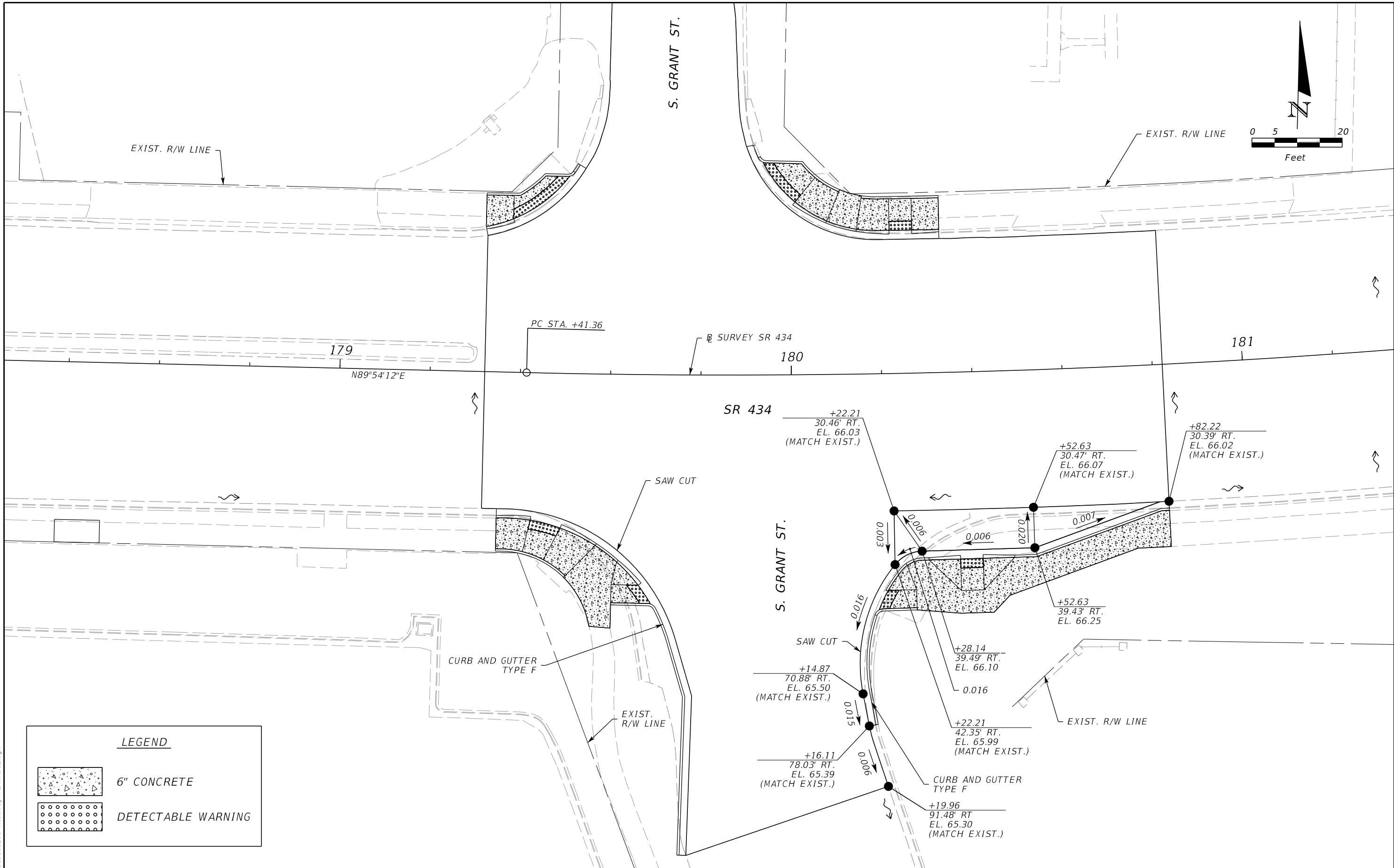
LEGEND			
	6" CONCRETE		DETECTABLE WARNING
	WIDENING		MILLING AND RESURFACING

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ROADWAY PLAN	SHEET NO.	
DATE	DESCRIPTION		DATE	DESCRIPTION		ROAD NO.	COUNTY		FINANCIAL PROJECT ID	15
				KEVIN J. IANNARONE P.E. LICENSE NUMBER 71527 ARDURRA GROUP, INC. 3452 LAKE LYNDA DRIVE, SUITE 200 ORLANDO, FLORIDA 32817		SR 434	SEMINOLE		443838-1-52-01	

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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GRADING DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	KEVIN J. IANNARONE P.E. LICENSE NUMBER 71527 ARDURRA GROUP, INC. 3452 LAKE LYNDA DRIVE SUITE 200 ORLANDO, FLORIDA 32817	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		17
					SR 434	SEMINOLE	443838-1-52-01		

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TEMPORARY TRAFFIC CONTROL GENERAL NOTES

1.

THE EXISTING POSTED SPEED LIMIT ON SR 434 WILL BE MAINTAINED.
2.

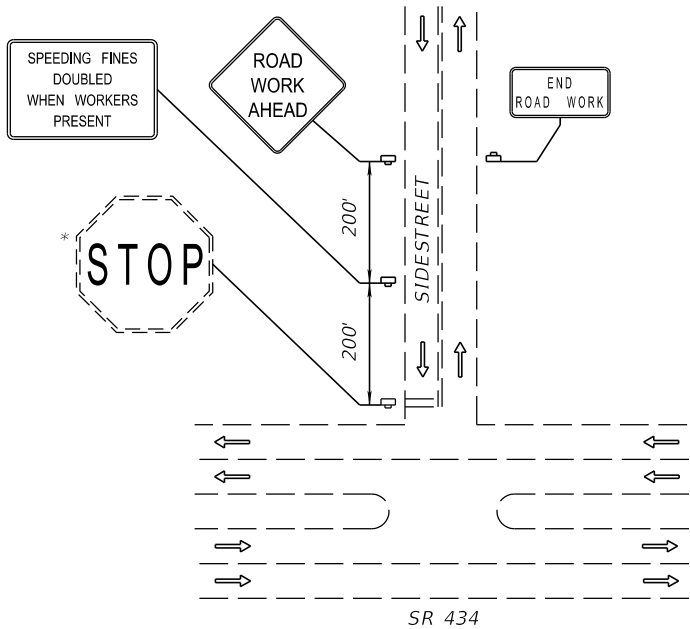
LANE CLOSURES MAY ONLY BE USED DURING ACTIVE WORK PERIODS. THE LANE CLOSURE RESTRICTIONS FOR THIS PROJECT ARE AS FOLLOWS:  
  
OPEN ROAD:  
- NO LANE CLOSURES PERMITTED FROM 7:30 AM TO 7:00 PM  
  
WITHIN 600' OF A SIGNALIZED INTERSECTION:  
- NO LANE CLOSURES PERMITTED FROM 6:00 AM TO 9:30 PM
3.

A PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) IS REQUIRED AS NOTED BELOW.  
  
14 DAYS PRIOR TO CONSTRUCTION, THE PCMS WILL READ:  
  
CONST  
BEGINS  
MM/DD  
  
24 HOURS IN ADVANCE OF LANE CLOSURE, THE PCMS WILL READ:  
  
LANE  
CLOSURE  
MM/DD  
  
DURING LANE CLOSURE, THE PCMS WILL READ:  
  
PART 1 - CAUTION  
PART 2 - LANE  
CLOSED  
AHEAD
4.

PLACE ADVANCE WARNING SIGNS AT THE BEGINNING AND END OF THE WORK ZONE PER THE SR 434 ADVANCE WARNING DETAIL.
5.

CONSTRUCT CURB AND SIDEWALKS PER THE SIDEWALK PHASING DETAIL. CONTROL TRAFFIC PER INDEX 102-613, 102-615, AND 102-660.
6.

MILL AND RESURFACE PER THE TTCP PHASE TYPICAL SECTION.

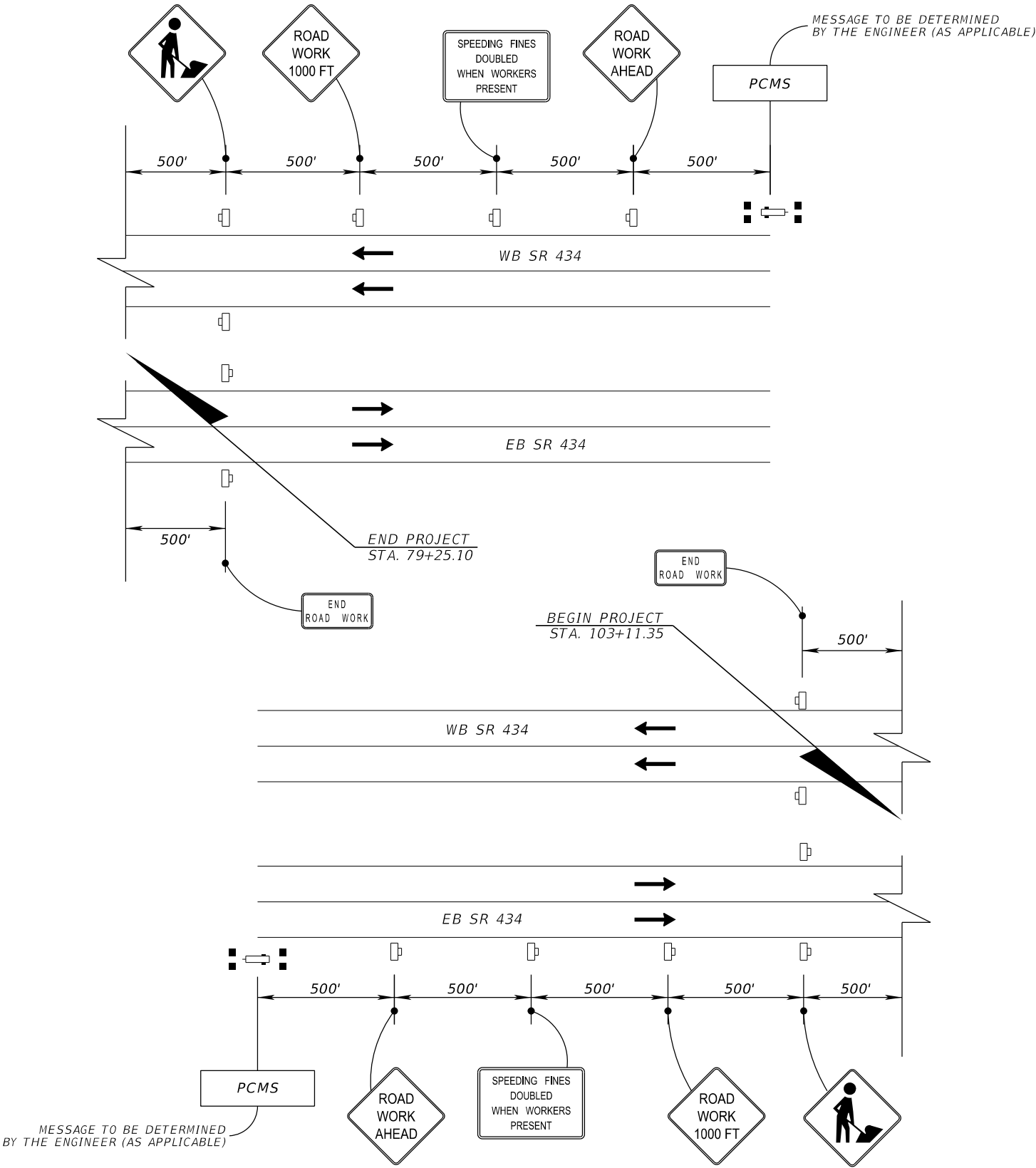


SIDE STREET ADVANCE WARNING DETAIL

N.T.S.

SIDE STREET ADVANCED WARNING SIGN DETAIL TO BE INSTALLED AT ALL SIDE STREETS.

\*: MAINTAIN SIGNAL AS APPLICABLE.



SR 434 ADVANCE WARNING DETAIL

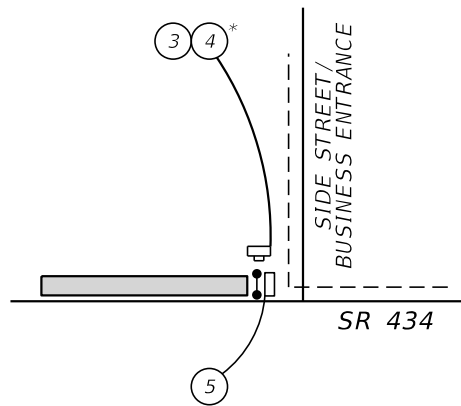
N.T.S.

ADVANCE WARNING SIGN DETAIL TO BE INSTALLED AT BOTH PROJECT TERMINI.

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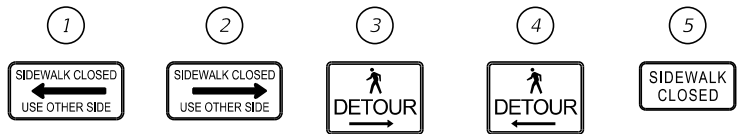
REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	KEVIN J. IANNARONE P.E. LICENSE NUMBER 71527 ARDURRA GROUP, INC. 3452 LAKE LYNDA DRIVE, SUITE 200 ORLANDO, FLORIDA 32817		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 434	SEMINOLE	443838-1-52-01		19

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UNSIGNALIZED SIDEWALK  
CONNECTION DETAIL

- 1. USE IN CONJUNCTION WITH THE SIDEWALK PHASING DETAILS TO GUIDE PEDESTRIANS UTILIZING THE SIDEWALK ON THE SIDESTREETS.
  - 2. ENSURE UNINTERRUPTED PATH FROM SIDE STREET SIDEWALK CONNECTION TO SIGNALIZED INTERSECTION.
  - 3. USE FOR SIDE STREETS, BUSINESSES, AND ANY UNSIGNALIZED SIDEWALK CONNECTION POINT.
- \* SELECT APPROPRIATE DETOUR SIGN ARROW AS NECESSARY TO FACILITATE DETOUR AND DIRECT THE PEDESTRIANS TO THE NEAREST SIGNALIZED INTERSECTION.



LEGEND

---

PEDESTRIAN DETOUR ROUTE

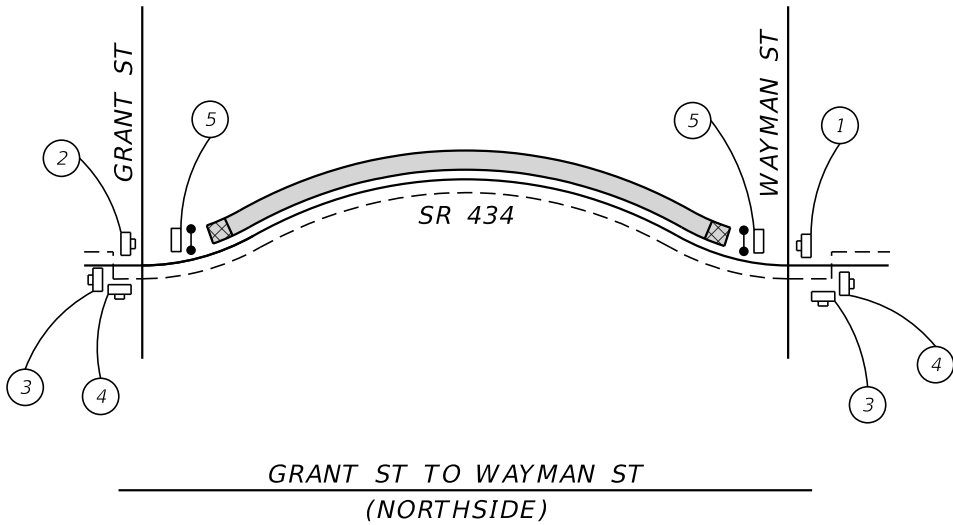
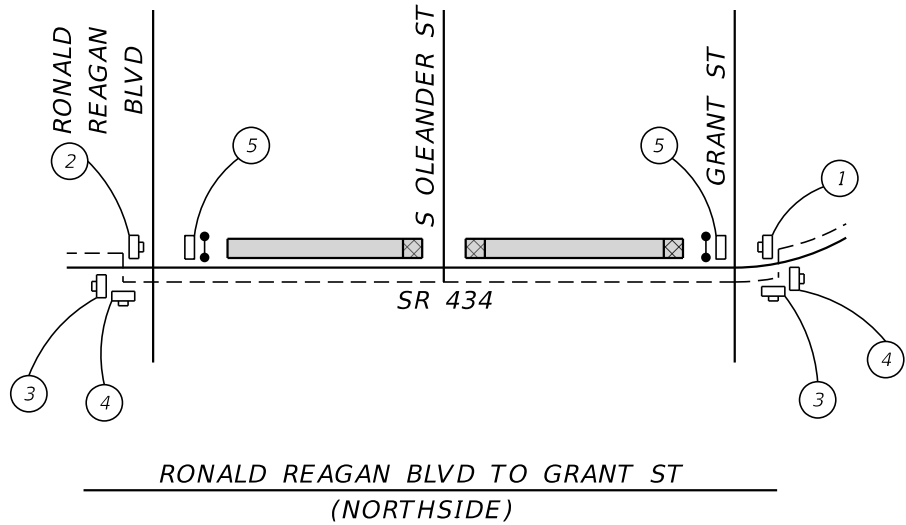
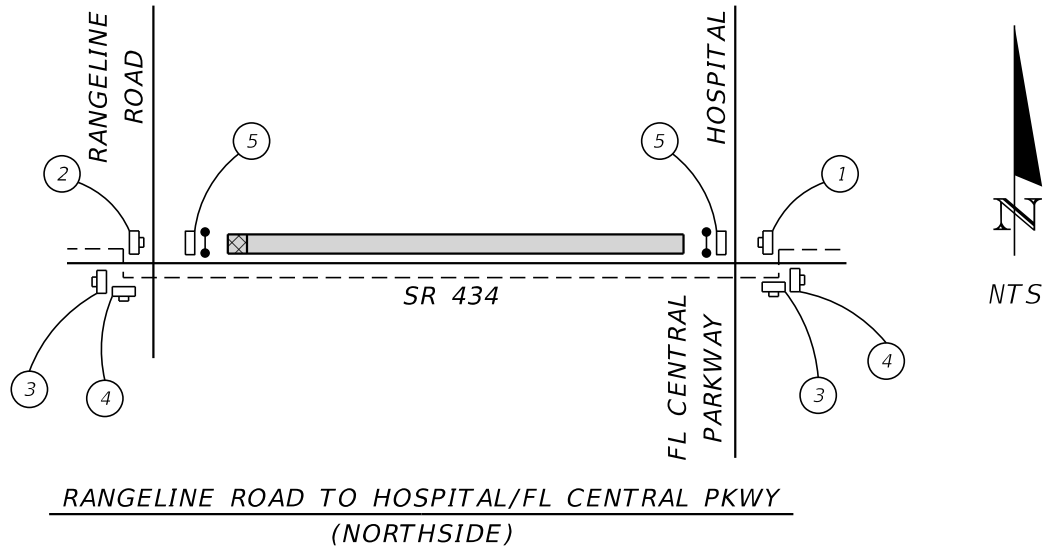
WORK ZONE

CURB RAMP RECONSTRUCTION

PEDESTRIAN LCD

WORK ZONE SIGN

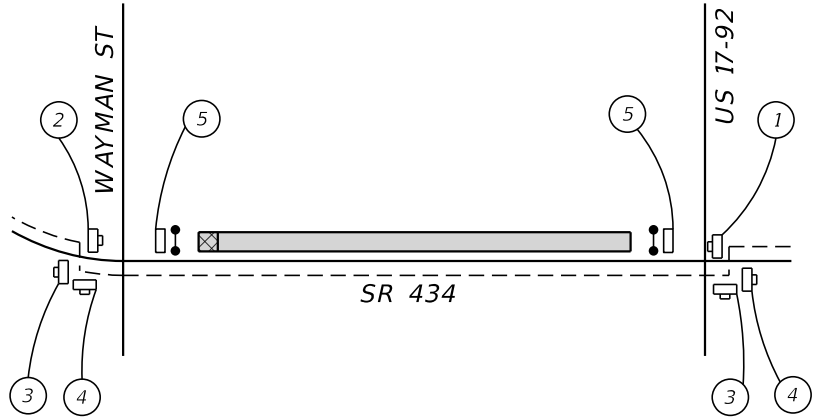
- NOTES:
- 1. CONTROL PEDESTRIAN TRAFFIC PER DETOUR PLAN AND INDEX 102-660.
  - 2. ONLY CLOSE THE PEDESTRIAN RAMPS ON ONE QUADRANT OF THE SIGNALIZED INTERSECTIONS AT A TIME TO ENSURE PEDESTRIANS CAN NAVIGATE THE INTERSECTION.
  - 3. PHASE CONSTRUCTION SUCH THAT THERE IS ALWAYS A CONTINUOUS PEDESTRIAN PATH THROUGHOUT THE PROJECT CORRIDOR.
  - 4. CONSTRUCT TEMPORARY SIDEWALK AND CURB RAMPS AS NECESSARY TO MAINTAIN PEDESTRIAN ACCESS AT SIGNALIZED INTERSECTIONS.



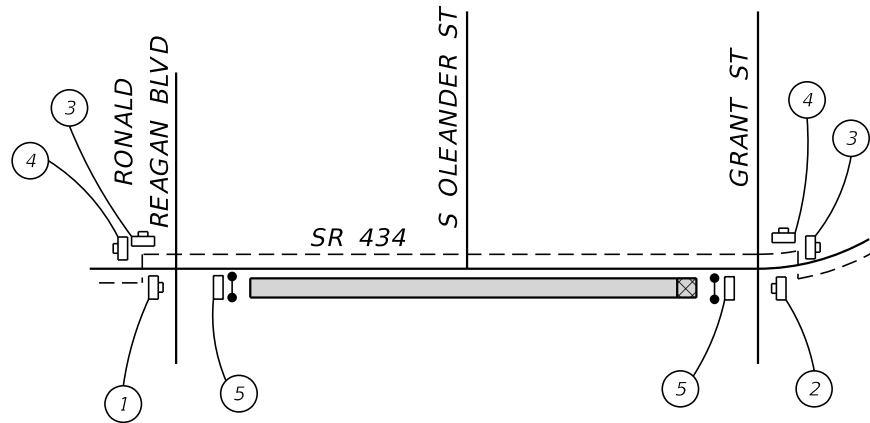
SIDEWALK PHASING DETAIL (1 OF 2)

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	KEVIN J. IANNARONE P.E. LICENSE NUMBER 71527 ARDURRA GROUP, INC. 3452 LAKE LYNDA DRIVE, SUITE 200 ORLANDO, FLORIDA 32817	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		20
					SR 434	SEMINOLE	443838-1-52-01		

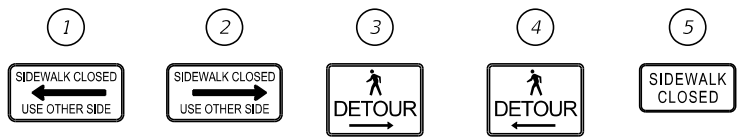
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WAYMAN ST TO US 17-92  
(NORTHSIDE)



RONALD REAGAN BLVD TO GRANT ST  
(SOUTHSIDE)

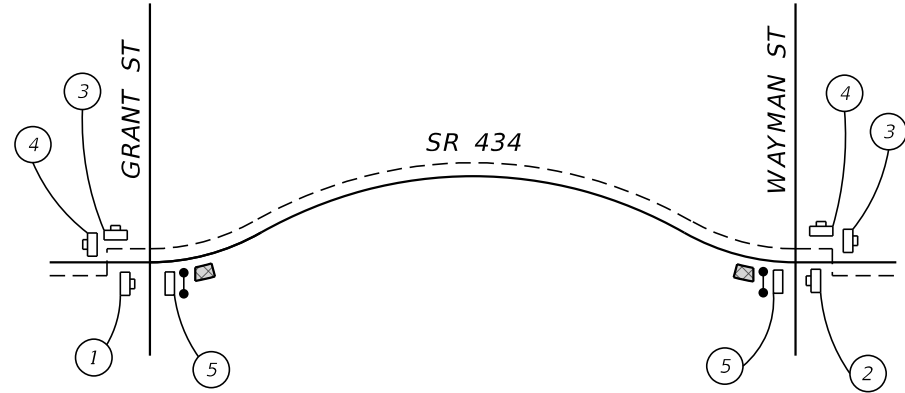


LEGEND

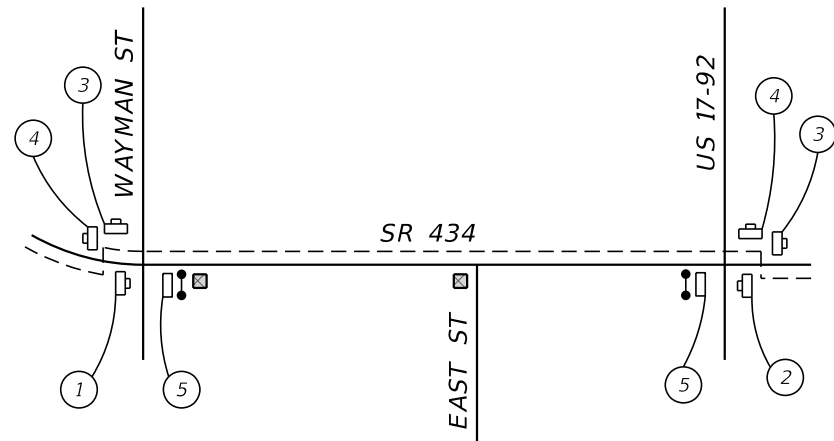
- PEDESTRIAN DETOUR ROUTE
- WORK ZONE
- CURB RAMP RECONSTRUCTION
- PEDESTRIAN LCD
- WORK ZONE SIGN

NOTES:

1. CONTROL PEDESTRIAN TRAFFIC PER DETOUR PLAN AND INDEX 102-660.
2. ONLY CLOSE THE PEDESTRIAN RAMPS ON ONE QUADRANT OF THE SIGNALIZED INTERSECTIONS AT A TIME TO ENSURE PEDESTRIANS CAN NAVIGATE THE INTERSECTION.
3. PHASE CONSTRUCTION SUCH THAT THERE IS ALWAYS A CONTINUOUS PEDESTRIAN PATH THROUGHOUT THE PROJECT CORRIDOR.
4. CONSTRUCT TEMPORARY SIDEWALK AND CURB RAMPS AS NECESSARY TO MAINTAIN PEDESTRIAN ACCESS AT SIGNALIZED INTERSECTIONS.



GRANT ST TO WAYMAN ST  
(SOUTHSIDE)

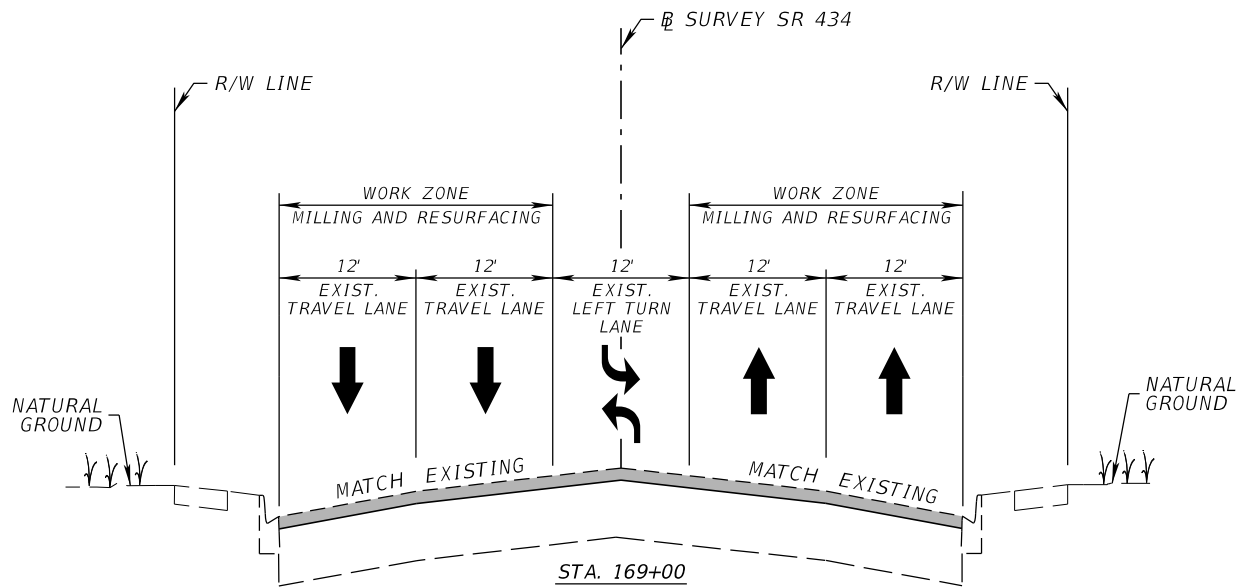


WAYMAN ST TO US 17-92  
(SOUTHSIDE)



*SIDEWALK PHASING DETAIL (2 OF 2)*

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	KEVIN J. IANNARONE P.E. LICENSE NUMBER 71527 ARDURRA GROUP, INC. 3452 LAKE LYNDA DRIVE, SUITE 200 ORLANDO, FLORIDA 32817	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		21
					SR 434	SEMINOLE	443838-1-52-01		

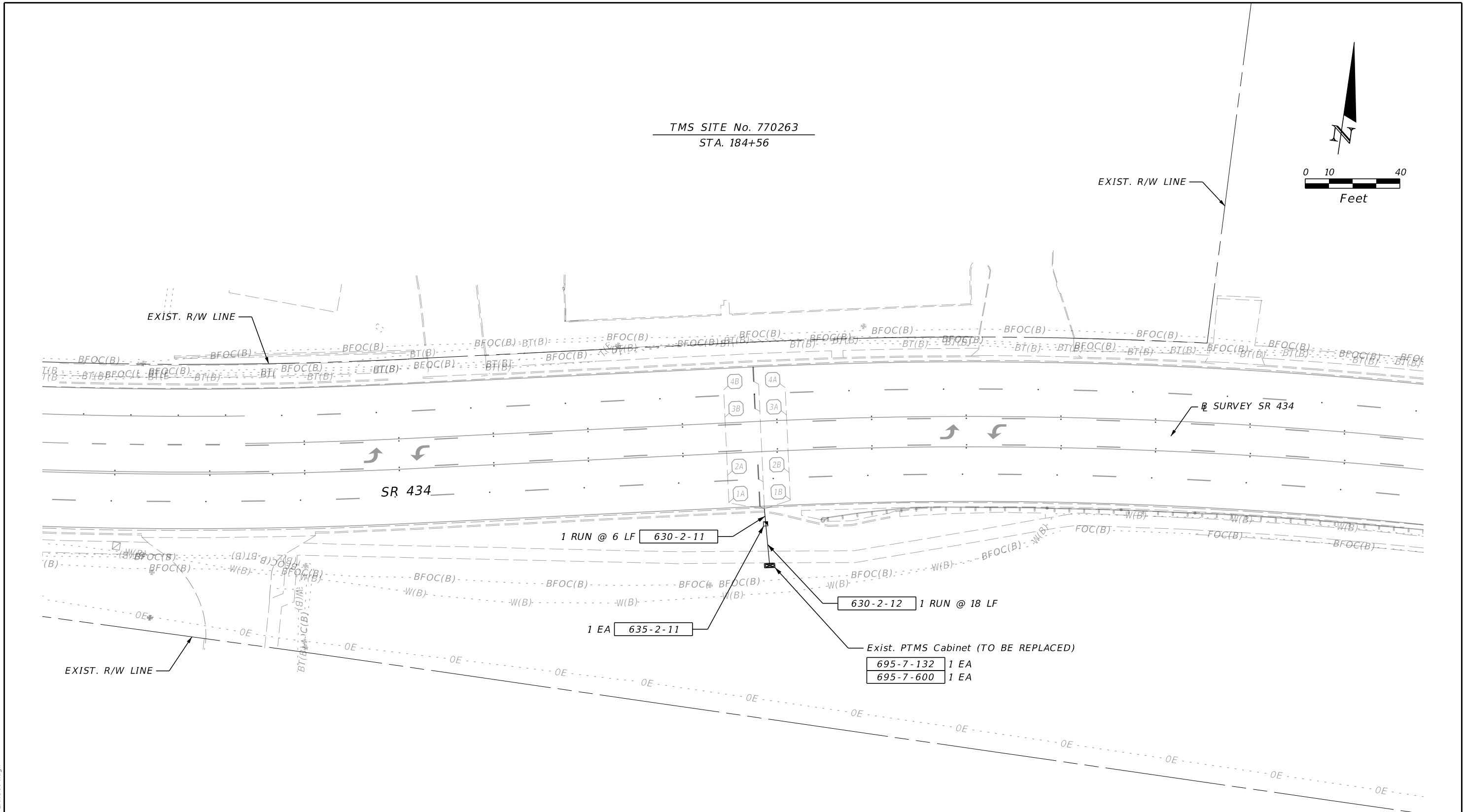


PHASE I

1. CONSTRUCT PAVEMENT WIDENING. CONTROL TRAFFIC PER INDEX 102-613 AND 102-615.
2. MILL AND RESURFACE THE EXISTING TRAVEL LANES AND SIDE STREETS PER THE PLANS. CONTROL TRAFFIC PER INDEX 102-613 AND 102-615.
3. PLACE PAINTED PAVEMENT MARKINGS PER THE SIGNING AND PAVEMENT MARKING PLANS. CONTROL TRAFFIC PER INDEX 102-607.
4. AFTER THE ASPHALT CURING PERIOD, PLACE FINAL THERMOPLASTIC PAVEMENT MARKINGS. CONTROL TRAFFIC PER INDEX 102-607.

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS	SHEET NO.		
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.					COUNTY	FINANCIAL PROJECT ID	
				KEVIN J. IANNARONE P.E. LICENSE NUMBER 71527 ARDURRA GROUP, INC. 3452 LAKE LYNDA DRIVE, SUITE 200 ORLANDO, FLORIDA 32817			SR 434		SEMINOLE	443838-1-52-01	22

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NOTES:

- CONTACT CHERYL BURKE AT (386) 943-5380 A MINIMUM OF 10 WORKING DAYS PRIOR TO PERFORMING ANY WORK AT TMS NO. 770263, INCLUDING THE SCHEDULING OF DOWNTIME.
- TRAFFIC SIGNAL COMPONENTS SHOWN IN GRAYSCALE ARE SHOWN FOR REFERENCE PURPOSES ONLY. SEE FPID 441015-1-52-01 ROADWAY PLANS FOR ADDITIONAL DETAILS.

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TRAFFIC MONITORING SITE	SHEET NO.	
DATE	DESCRIPTION		DATE	DESCRIPTION		ROAD NO.	COUNTY		FINANCIAL PROJECT ID	23
				ALEX W. HINKLE, P.E. LICENSE NUMBER: 82354 PROTEAN DESIGN GROUP 100 EAST PINE STREET, SUITE 600 ORLANDO, FL 32801		SR 434	SEMINOLE		443838-1-52-01	

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ROADWAY SOILS SURVEY  
REPORT OF TESTS



TOWNSHIP: 20, 21 SOUTH  
RANGE: 30 EAST  
SECTION: 33, 5

PROJECT NO.: 441015-1-32-01, 443838-1-32-01  
ROAD NO.: SR 434 IMPROVEMENTS FROM OLEANDER ST. TO US 17-92  
SUBMITTED BY: ANTILLIAN ENGINEERING ASSOCIATES, INC.

DATE OF SURVEY: 11/04/2021  
SURVEYED BY: ANTILLIAN ENGINEERING ASSOCIATES, INC.  
SURVEY BEGINS STA. NO.: MM 8.45  
SURVEY ENDS STA. NO.: MM 8.90  
DATE REPORTED: 11/22/2021

STRATUM NO.	ORGANIC CONTENT			SIEVE ANALYSIS RESULTS (% PASSING)						ATTERBERG LIMITS (%)			AASHTO GROUP	DESCRIPTION	CORROSION TEST RESULTS				ENVIRONMENTAL CLASSIFICATION (SUBSTRUCTURE)	
	NO. OF TESTS	% ORGANIC	MOISTURE CONTENT %	NO. OF TESTS	#10 MESH	#40 MESH	#60 MESH	#100 MESH	#200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTICITY INDEX			RESISTIVITY ohm-cm	CHLORIDES ppm	SULFATES ppm	pH	CONCRETE	STEEL
1	--	--	--	3	100	98-99	85-87	19-22	3-7	--	--	--	A-3	LIGHT GRAY, VERY PALE BROWN, WHITE, LIGHT YELLOWISH BROWN, BROWNISH YELLOW, AND LIGHT GRAYISH BROWN SAND	11,000-24,000	<20	20-25	6.9-7.2	SLIGHTLY AGGRESSIVE	MODERATELY AGGRESSIVE
2	--	--	--	5	100	98-99	87-90	24-33	11-21	--	--	--	A-2-4	LIGHT YELLOWISH BROWN, BROWNISH YELLOW, LIGHT BROWNISH GRAY, GRAYISH BROWN, AND BROWN SILTY SAND AND CLAYEY SAND	12,000-18,000	<40	25-33	6.3-6.9	SLIGHTLY AGGRESSIVE	MODERATELY AGGRESSIVE

NOTES

1. THE SYMBOL "--", IF PRESENT, REPRESENTS UNMEASURED SOIL PARAMETERS.
2. STRATA BOUNDARIES ARE APPROXIMATE AND REPRESENT SOIL STRATA AT EACH BORING LOCATION ONLY. ANY STRATA CONNECTION LINES SHOWN ARE FOR ESTIMATING EARTHWORK ONLY AND DO NOT INDICATE ACTUAL STRATUM LIMITS. SUBSURFACE VARIATIONS BETWEEN BORINGS SHALL BE ANTICIPATED AS INDICATED IN SECTION 2-4 OF THE FDOT STANDARD SPECIFICATIONS.
3.  - ENCOUNTERED GROUNDWATER LEVEL
4.  - ESTIMATED SEASONAL HIGH GROUNDWATER LEVEL
5. GNE - GROUNDWATER NOT ENCOUNTERED
6. STRATUM 1 (A-3) AND STRATUM 2 (A-2-4) SHALL BE TREATED AS SELECT (S) MATERIAL IN ACCORDANCE WITH FDOT STANDARD PLAN 120-001 AND STANDARD PLAN 120-002.
7. PLASTIC, HIGHLY PLASTIC, AND ORGANIC MATERIAL ENCOUNTERED WITHIN THE ROADWAY SHALL BE REMOVED IN ACCORDANCE WITH FDOT STANDARD PLAN 120-002. MATERIAL USED IN EMBANKMENT CONSTRUCTION SHALL BE IN ACCORDANCE WITH FDOT STANDARD PLAN 120-001.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

PETER G. SUAH, P.E.  
P.E. LICENSE NO. 46910  
ANTILLIAN ENGINEERING ASSOCIATES, INC.  
3309 BARTLETT BOULEVARD  
ORLANDO, FLORIDA 32811  
CERTIFICATE OF AUTHORIZATION 6685

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 434	SEMINOLE	443838-1-52-01

ROADWAY SOIL SURVEY	SHEET NO.
	GR-1