

CONTRACT PLANS COMPONENTS

ROADWAY PLANS
SIGNING AND MARKING PLANS

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROADWAY PLANS

FINANCIAL PROJECT ID 452642-1-52-01

LAKE COUNTY (11060/11170)

STATE ROAD NO. 19 (N. PALM AVE./S. PALM AVE.)

RESURFACING FROM LAKEVIEW AVENUE TO CR 48

INDEX OF ROADWAY PLANS

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5-6	PROJECT LAYOUT
7	GENERAL NOTES
8-16	SPECIAL DETAILS
17-18	TEMPORARY TRAFFIC CONTROL PLANS

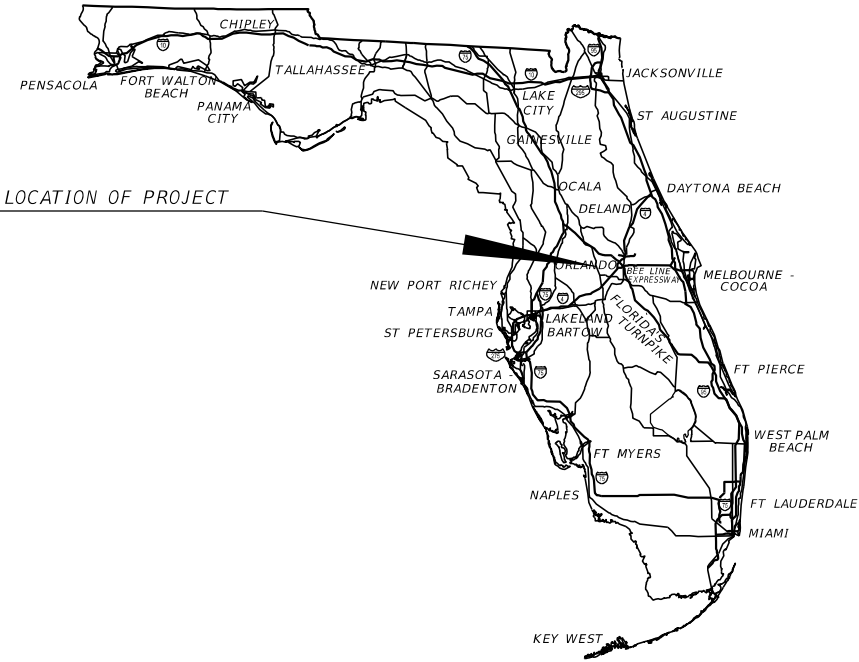
PROJECT LOCATION URL: <https://tinyurl.com/4b82b3sa>

PROJECT LIMITS: SECTION #11170
BEGIN MP 12.186 END MP 12.465
SECTION #11060
BEGIN MP 14.982 - END MP 14.150

EXCEPTIONS: NONE

BRIDGE LIMITS: NONE

RAILROAD CROSSING: NONE



PHASE III
AUGUST 2025

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: <https://www.fdot.gov/design/standardplans/current>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY2026-27 Standard Specifications for Road and Bridge Construction at the following website: <https://www.fdot.gov/programmanagement/Implemented/SpecBooks>

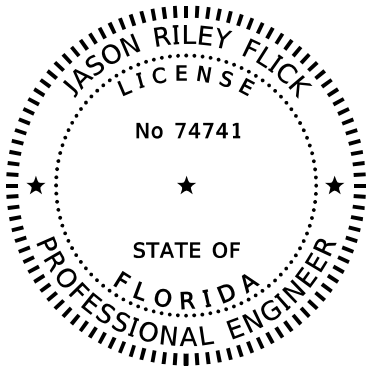
ROADWAY PLANS
ENGINEER OF RECORD:

JASON RILEY FLICK, P.E.
P.E. LICENSE NUMBER 74741
JOHNSON, MIRMIRAN & THOMPSON, INC.
400 COLONIAL CENTER PKWY, SUITE 100
LAKE MARY, FL 32746
(407) 562-4952
CONTRACT NO.: CAI27
VENDOR NO.: 52-096531

FDOT PROJECT MANAGER:

BITA HOOMAN

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
TBD	27	1



THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL

SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

JOHNSON, MIRMIRAN & THOMPSON, INC.
400 COLONIAL CENTER PARKWAY, SUITE 100
LAKE MARY, FL 32746
JASON RILEY FLICK, P.E. NO. 74741

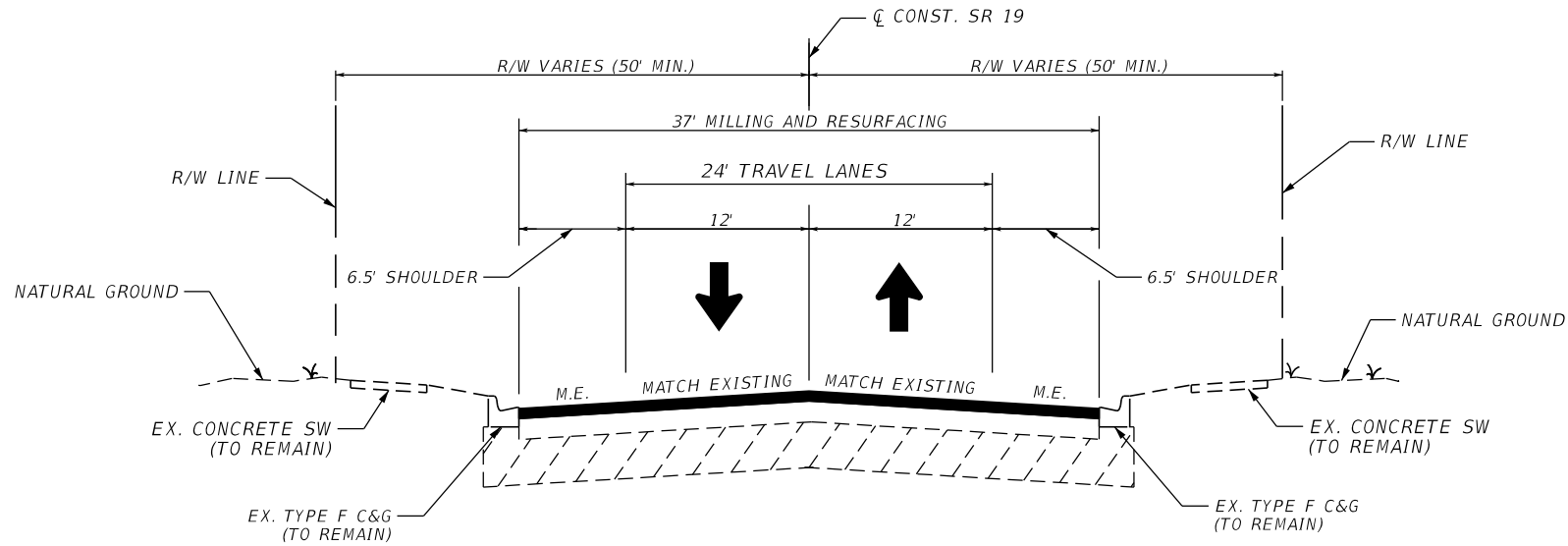
THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

ROADWAY PLANS

- 1
- 2
- 3-4
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- 8-16
- 17-18

- KEY SHEET
- SIGNATURE SHEET
- TYPICAL SECTIONS
- PROJECT LAYOUT
- GENERAL NOTES
- SPECIAL DETAILS
- TEMPORARY TRAFFIC CONTROL PLANS

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 19	LAKE		452642-1-52-01	
				JASON RILEY FLICK, P.E. LICENSE NUMBER: 74741 JOHNSON, MIRMIRAN & THOMPSON, INC. 400 COLONIAL CENTER PKWY, SUITE 100 LAKE MARY, FL 32746						



TYPICAL SECTION 1
SR 19
STA. 656+97.97 TO STA. 699+05.16

TRAVEL LANES
MILLING & RESURFACING

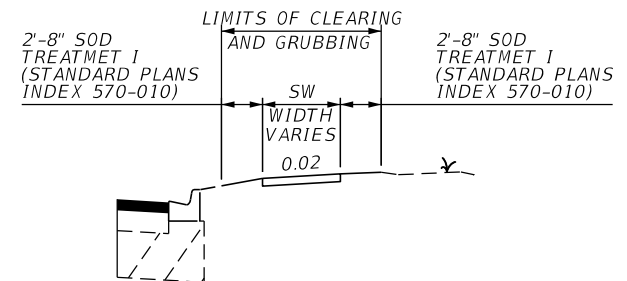
MILL EXISTING ASPHALT (3")
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (PG 76-22) (1 1/2")
FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1 1/2")

SHOULDERS & SIDE STREETS
MILLING & RESURFACING

MILL EXISTING ASPHALT (3")
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (PG 76-22) (1 1/2")
FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1 1/2")

TRAFFIC DATA

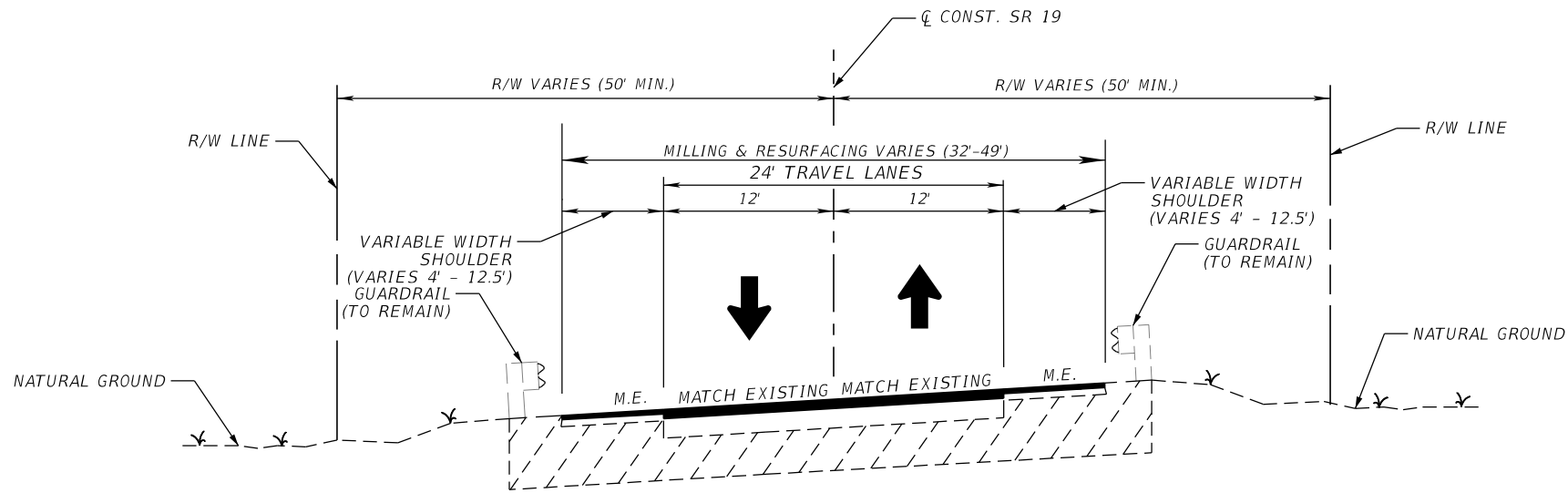
CURRENT YEAR = 2024 AADT = 10,600
ESTIMATED OPENING YEAR = 2027 AADT = 11,500
ESTIMATED DESIGN YEAR = 2047 AADT = 17,500
K = 9.0% D = 50% T = 8.6% (24 HOUR)
DESIGN HOUR T = 4.3%
DESIGN SPEED = 45 MPH
POSTED SPEED = 35 AND 40 MPH
CONTEXT CLASSIFICATION = C2T "RURAL TOWN"



SIDEWALK CONSTRUCTION

STA. 656+77.11 TO STA. 657+42.62 (LT)
STA. 677+79.95 TO STA. 678+45.99 (LT)
STA. 685+06.31 TO STA. 685+67.53 (LT)
STA. 690+01.36 TO STA. 690+87.94 (LT)
STA. 689+88.87 TO STA. 690+55.33 (RT)
STA. 693+68.12 TO STA. 694+37.39 (RT)
STA. 697+25.11 TO STA. 698+04.47 (RT)

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TYPICAL SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	JASON RILEY FLICK, P.E. LICENSE NUMBER: 74741 JOHNSON, MIRMIRAN & THOMPSON, INC. 400 COLONIAL CENTER PKWY, SUITE 100 LAKE MARY, FL 32746		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						SR 19	LAKE	452642-1-52-01		3



TYPICAL SECTION 2
SR 19
STA. 699+05.16 TO STA. 716+34.00

TRAFFIC DATA

CURRENT YEAR = 2024 AADT = 10,600
ESTIMATED OPENING YEAR = 2027 AADT = 11,500
ESTIMATED DESIGN YEAR = 2047 AADT = 17,500
K = 9.0% D = 50% T = 8.6% (24 HOUR)
DESIGN HOUR T = 4.3%
DESIGN SPEED = 45 MPH
POSTED SPEED = 35 AND 40 MPH
CONTEXT CLASSIFICATION = C2T "RURAL TOWN"

TRAVEL LANES
MILLING & RESURFACING

MILL EXISTING ASPHALT (3")
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (PG 76-22) (1 ½")
FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1 ½")

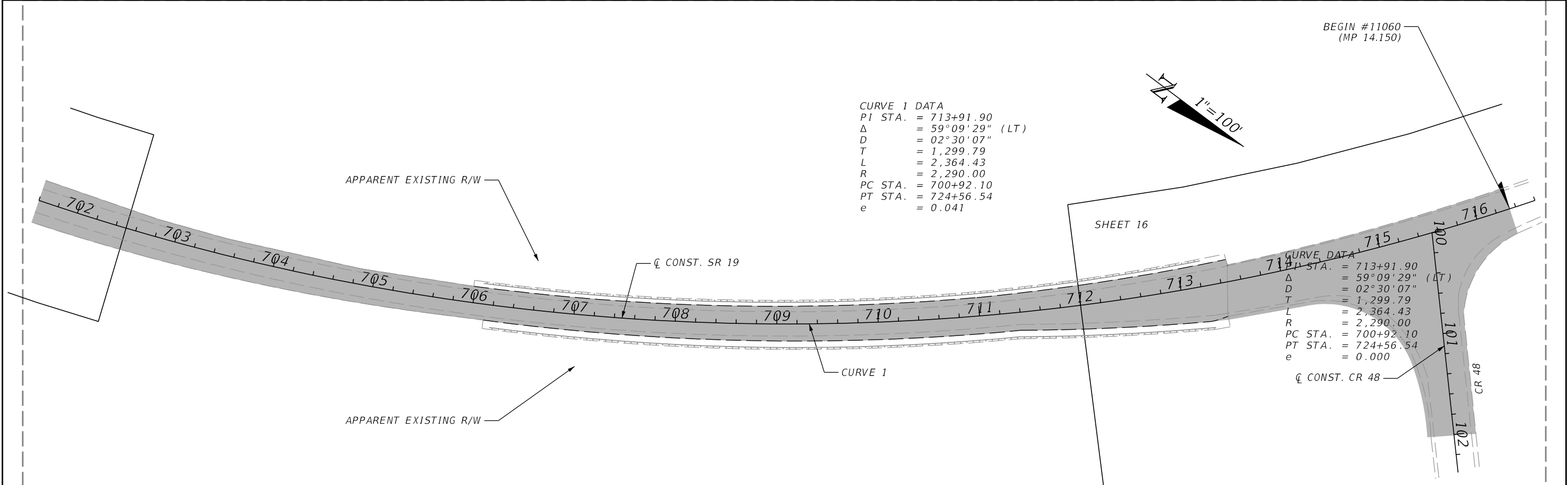
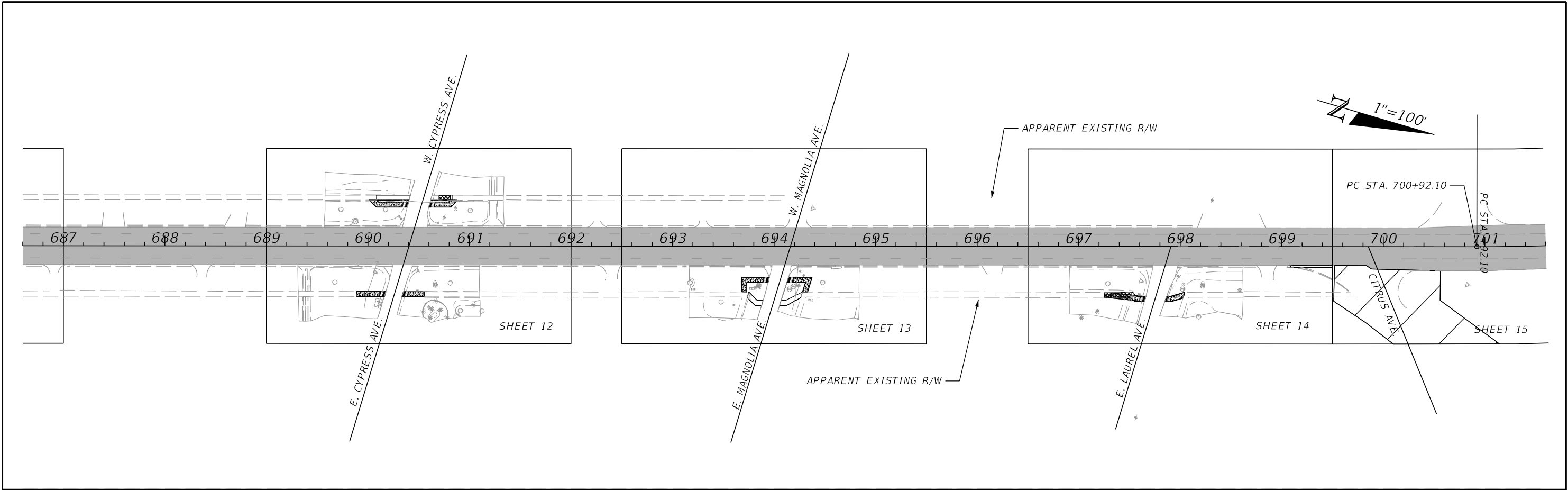
SHOULDERS
MILLING & RESURFACING
STA. 699+05.16 TO STA. 705+98.58
STA. 713+49.48 TO STA. 716+34.00

MILL EXISTING ASPHALT (3")
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (PG 76-22) (1 ½")
FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1 ½")

SHOULDERS
MILLING & RESURFACING
STA. 705+98.58 TO STA. 713+49.48

MILL EXISTING ASPHALT (1.5")
FRICTION COURSE FC-12.5 (TRAFFIC C) (PG 76-22) (1 ½")

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		TYPICAL SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	JASON RILEY FLICK, P.E. LICENSE NUMBER: 74741 JOHNSON, MIRMIRAN & THOMPSON, INC. 400 COLONIAL CENTER PKWY, SUITE 100 LAKE MARY, FL 32746		ROAD NO.	COUNTY		
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT LAYOUT	SHEET NO. 6
DATE	DESCRIPTION	DATE	DESCRIPTION	JASON RILEY FLICK, P.E. LICENSE NUMBER: 74741 JOHNSON, MIRMIRAN & THOMPSON, INC. 400 COLONIAL CENTER PKWY, SUITE 100 LAKE MARY, FL 32746		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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(1) 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:

JOSEPH C. STUKEY, PSM
P.S.M. NO: LS6514
ECHO UES, INC.
237 SW 7TH TERRACE, SUITE B
GAINESVILLE, FL 32601
CERTIFICATE OF AUTHORIZATION: # 32066

(2) 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.

(3) UTILITY/AGENCY OWNERS FOR THIS PROJECT INCLUDE:

<u>COMPANY NAME:</u>	<u>CONTACT NAME:</u>	<u>PHONE NUMBER:</u>	<u>EMAIL:</u>
CENTURYLINK LOCAL	LESLIE DINGMAN		LESLIE.DINGMAN@LUMEN.COM
COMCAST	SCOTT OSEBOLD	352-267-7620	SCOTT_OSEBOLD@COMCAST.COM
DUKE ENERGY DISTRIBUTION	ROBB BROWN	352-459-4671	ROBB.BROWN@DUKE-ENERGY.COM
DUKE ENERGY FIBER	JULIAN JORDAN	813-407-8777	JULIAN.JORDAN@DUKE-ENERGY.COM
DUKE ENERGY TRANSMISSION	ARIC ROGERS	813-909-1245	AROGER@PIKE.COM
LAKE COUNTY TRAFFIC	DANIEL FLANNERY		DANIEL.FLANNERY@LAKECOUNTYFL.GOV
OPTICAL TELEPHONE	MARIO ARAYA	352-501-9170	MARAYA@OPTICALTEL.COM
SUMMIT BROADBAND	MICHELLE DANIEL	407-996-1183	MICHELLE.DANIEL@SUMMITBB.COM
TECO PEOPLES GAS	BRUCE STOUT	407-420-2678	BSTOUT@TECOENERGY.COM
UNIT FIBER	MICHAEL CHESSER	904-522-5555	MICHAEL.CHESSER@UNITI.COM
ZAYO GROUP	KATE PETERS	815-274-7274	KATE.PETERS@COBBFENDLEY.COM

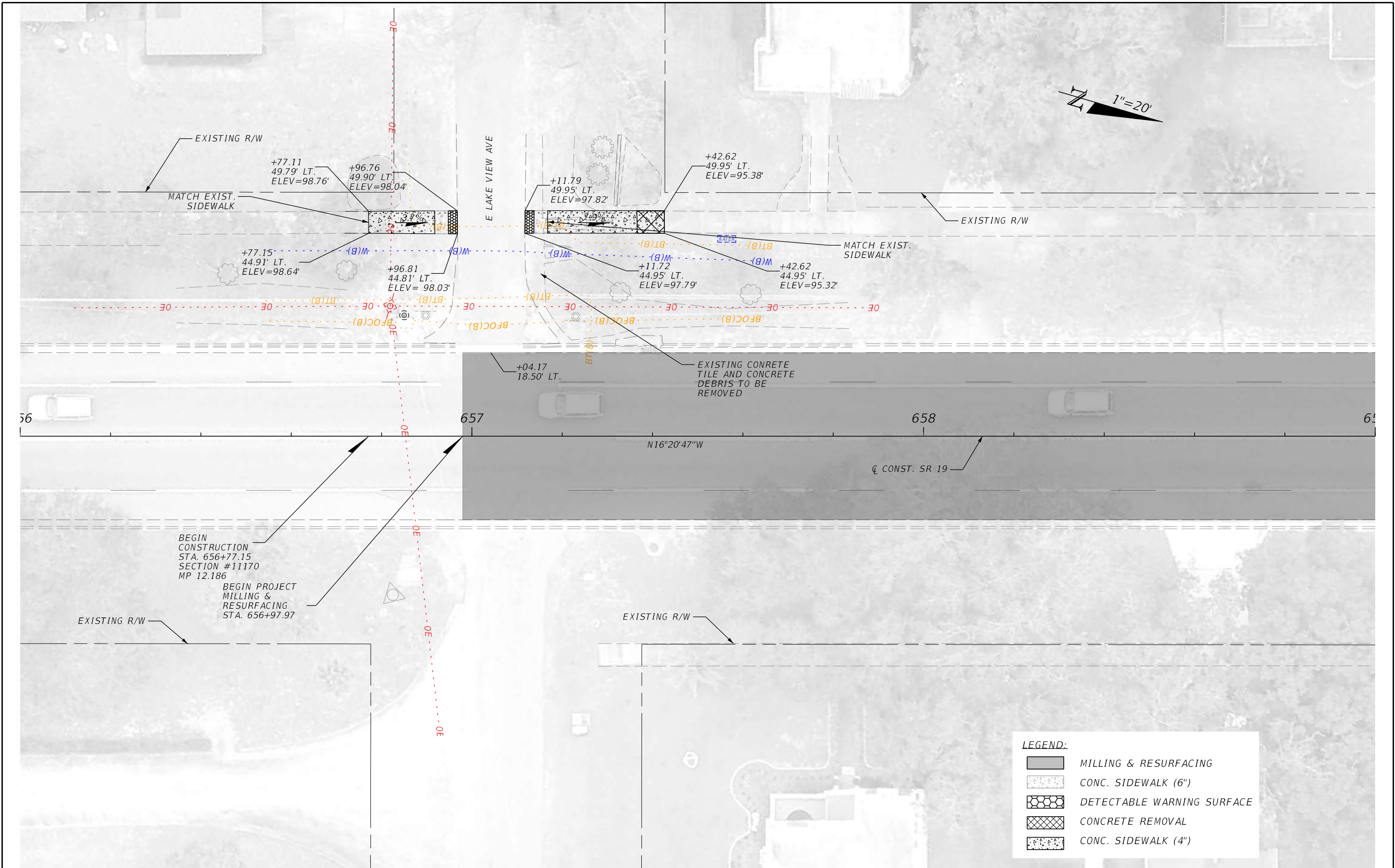
(4) USE OF STATIC ROLLING IS REQUIRED DUE TO OLD HOMES IN AREA.

(5) DURING MILLING OPERATIONS, BASE EXPOSURE WILL OCCUR THROUGHOUT THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF THE BASE AND MAINTENANCE OF THE TRAFFIC.

(6) R/W IS APPARENT AND BASED ON MAPS AND AVAILABLE DATA FROM THE LAKE COUNTY PROPERTY APPRAISER.

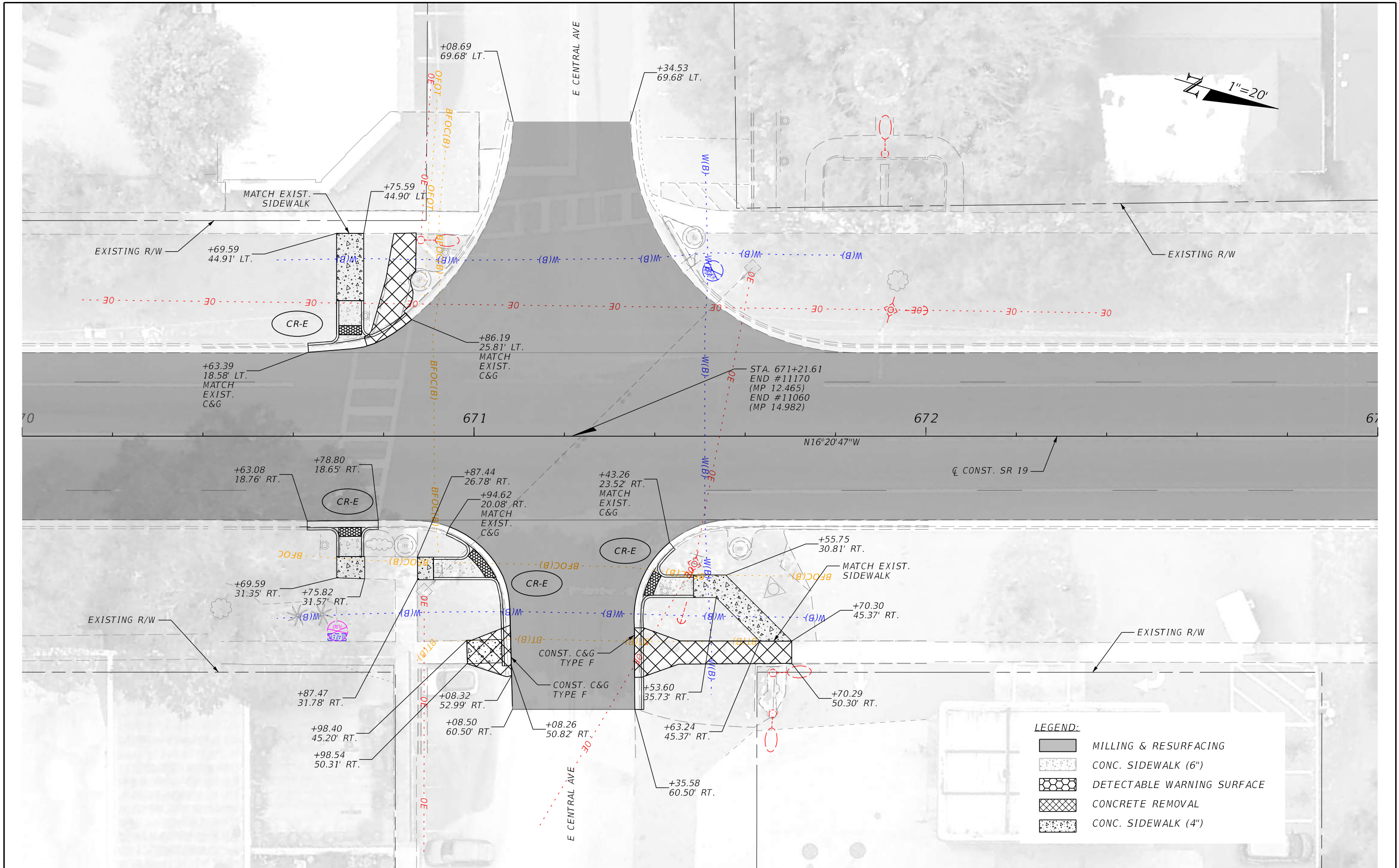
(7) THE BASE MAY BE ENCOUNTERED DURING THE MILLING AND RESURFACING OPERATIONS.

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	JASON RILEY FLICK LICENSE NUMBER: 74741 JOHNSON, MIRMIRAN & THOMPSON 400 COLONIAL CENTER PKWY, SUITE 100 LAKE MARY, FL 32746	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		7
					SR 19	LAKE	452642-1-52-01		



REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SPECIAL DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	JASON RILEY FLICK, P.E. LICENSE NUMBER: 74741 JOHNSON, MIRMIRAN & THOMPSON, INC. 400 COLONIAL CENTER PKWY, SUITE 100 LAKE MARY, FL 32746	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		8
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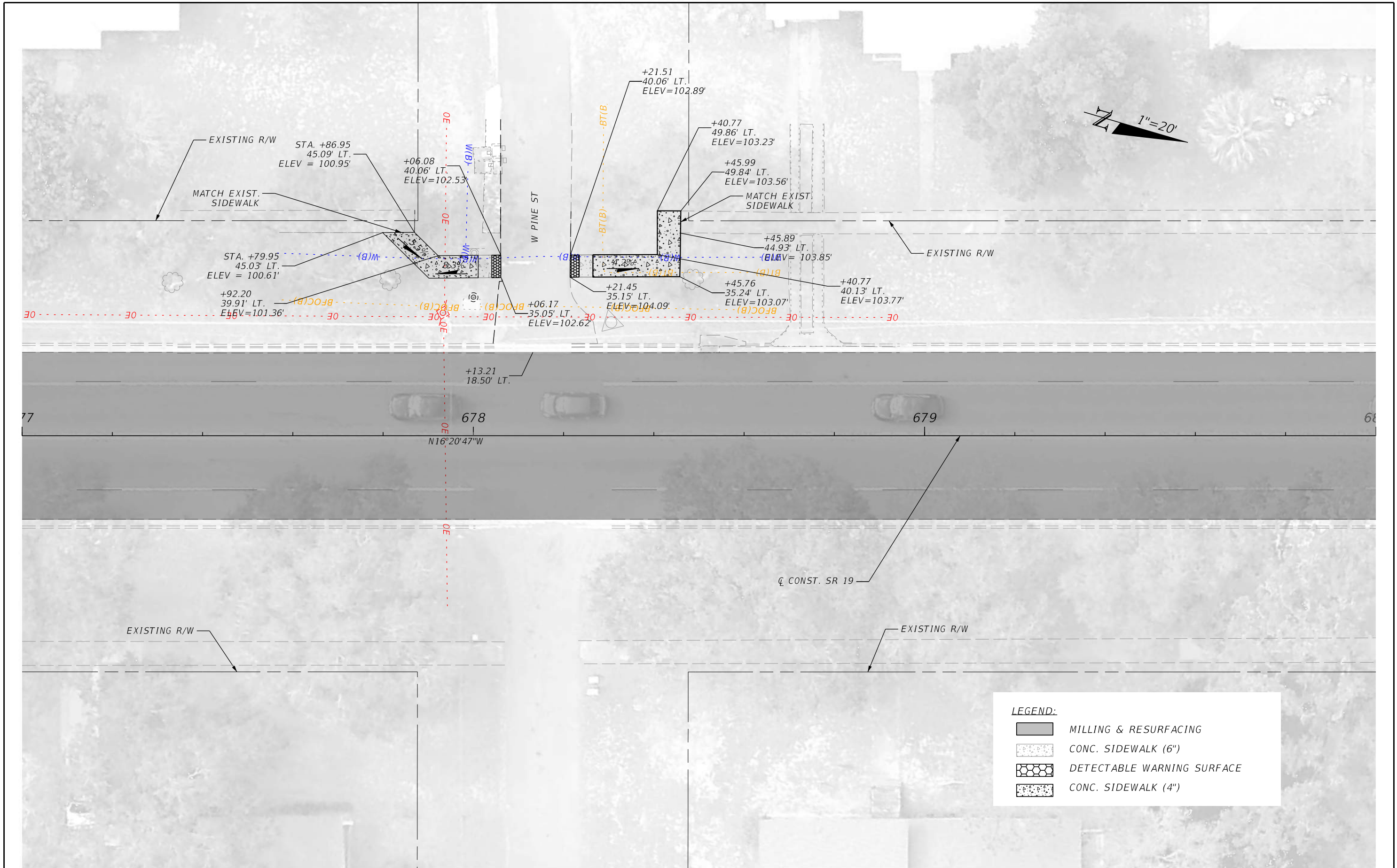
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



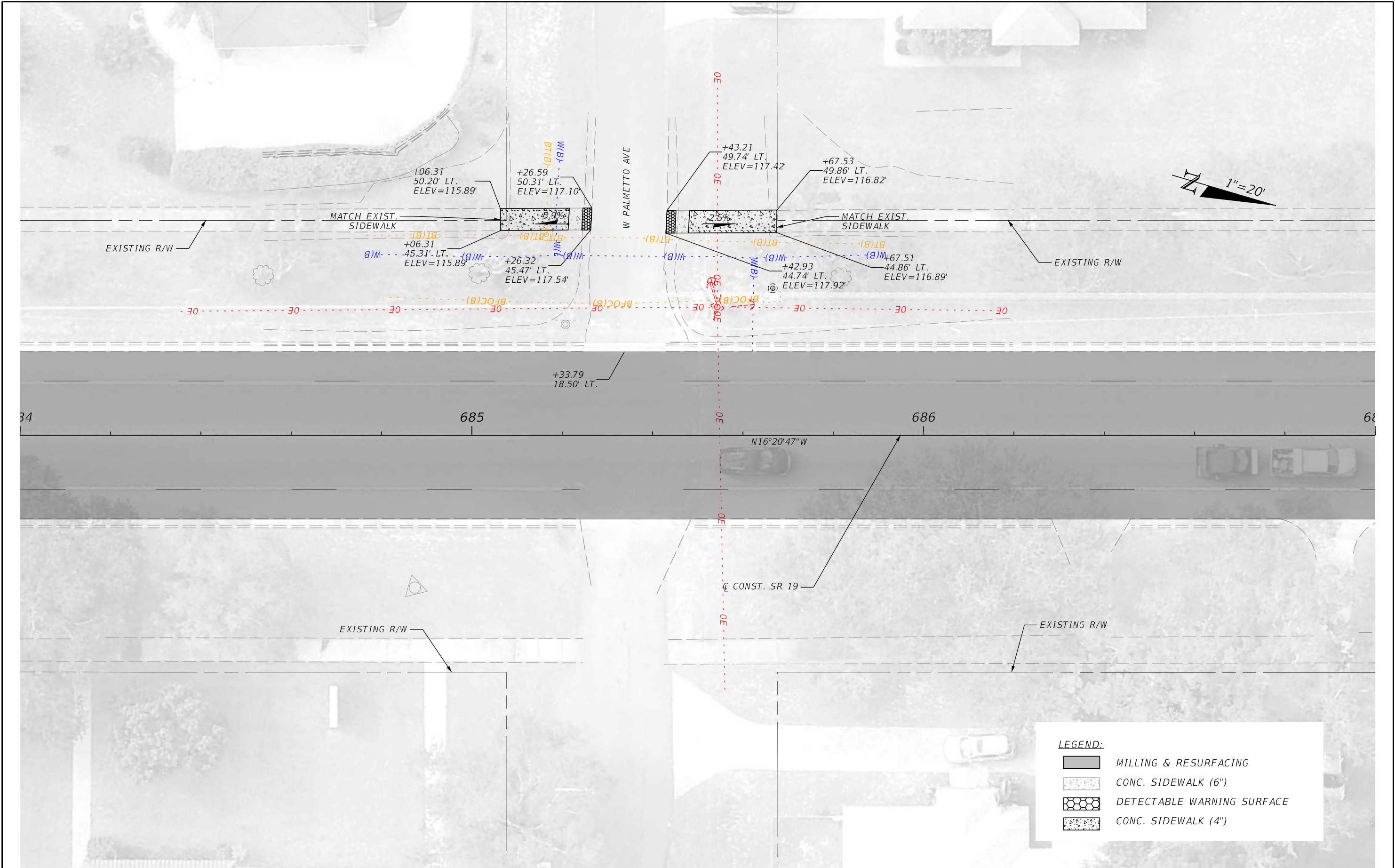
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
				JASON RILEY FLICK, P.E. LICENSE NUMBER: 74741 JOHNSON, MIRMIRAN & THOMPSON, INC. 400 COLONIAL CENTER PKWY, SUITE 100 LAKE MARY, FL 32746	SR 19	LAKE	452642-1-52-01	9

SPECIAL DETAILS

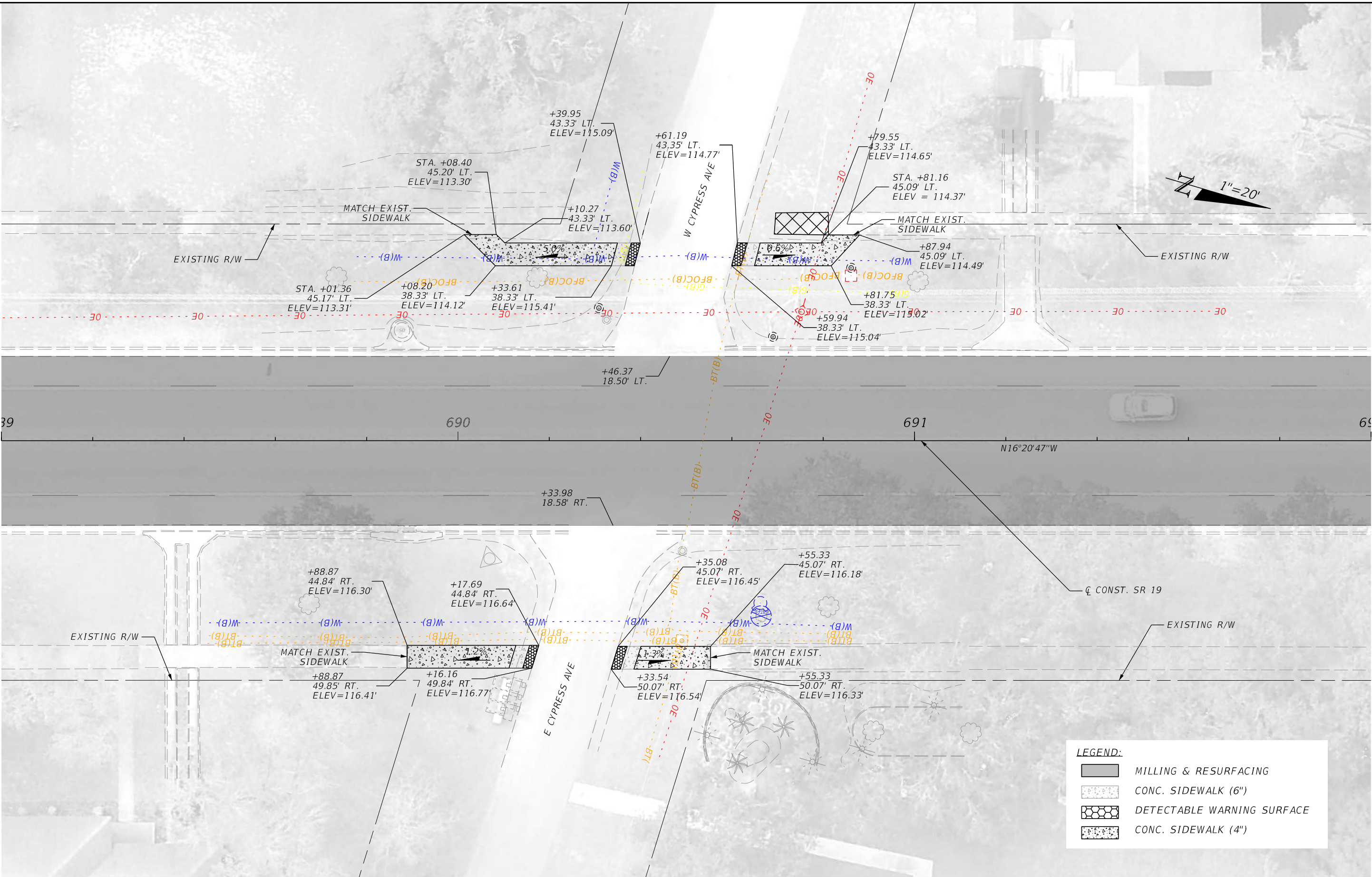
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LEGEND:

	MILLING & RESURFACING
	CONC. SIDEWALK (6")
	DETECTABLE WARNING SURFACE
	CONC. SIDEWALK (4")

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SPECIAL DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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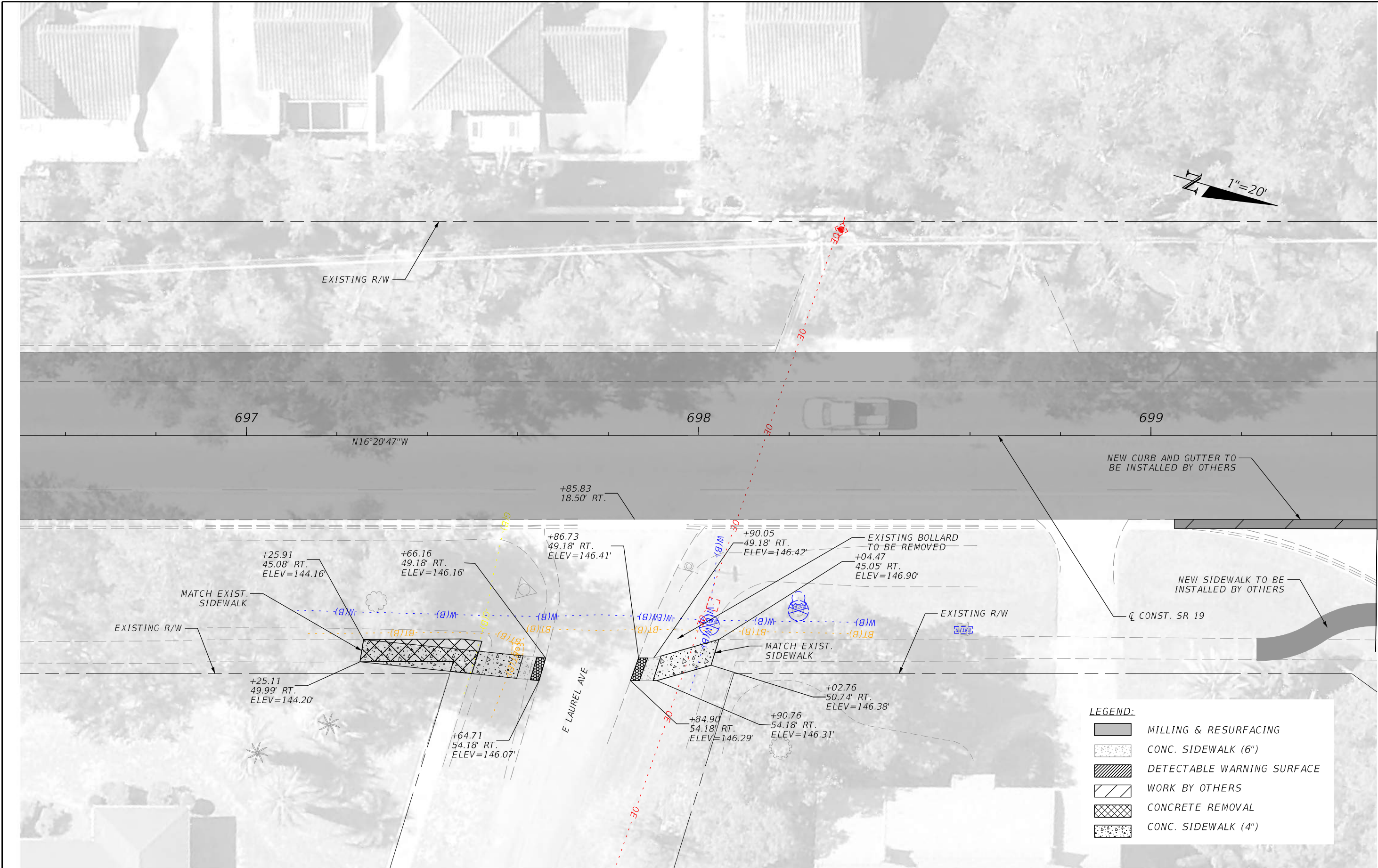
JASON RILEY FLICK, P.E.
LICENSE NUMBER: 74741
JOHNSON, MIRMIRAN & THOMPSON, INC.
400 COLONIAL CENTER PKWY, SUITE 100
LAKE MARY, FL 32746

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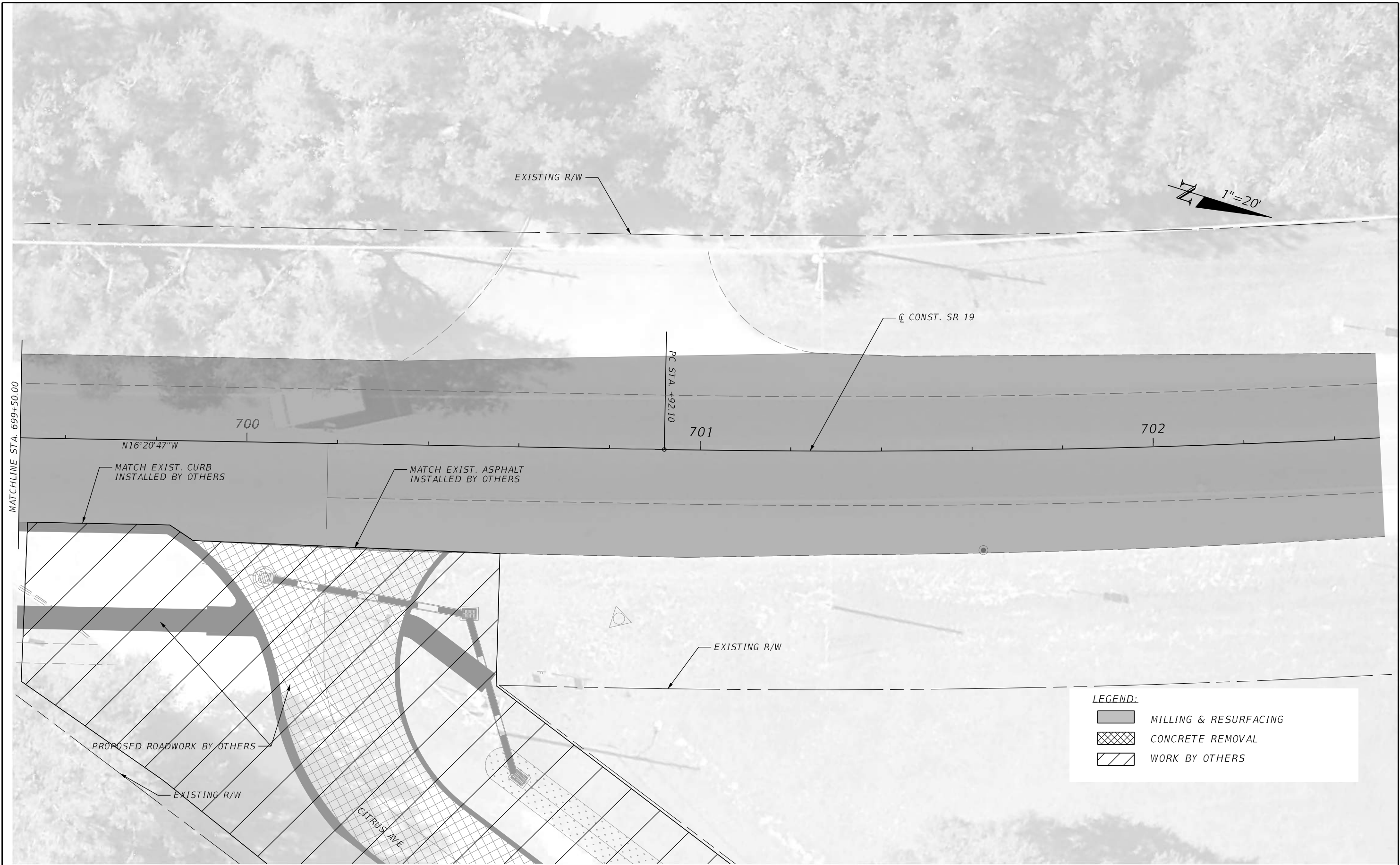
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SPECIAL DETAILS	SHEET NO.
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

TEMPORARY TRAFFIC CONTROL GENERAL NOTES:

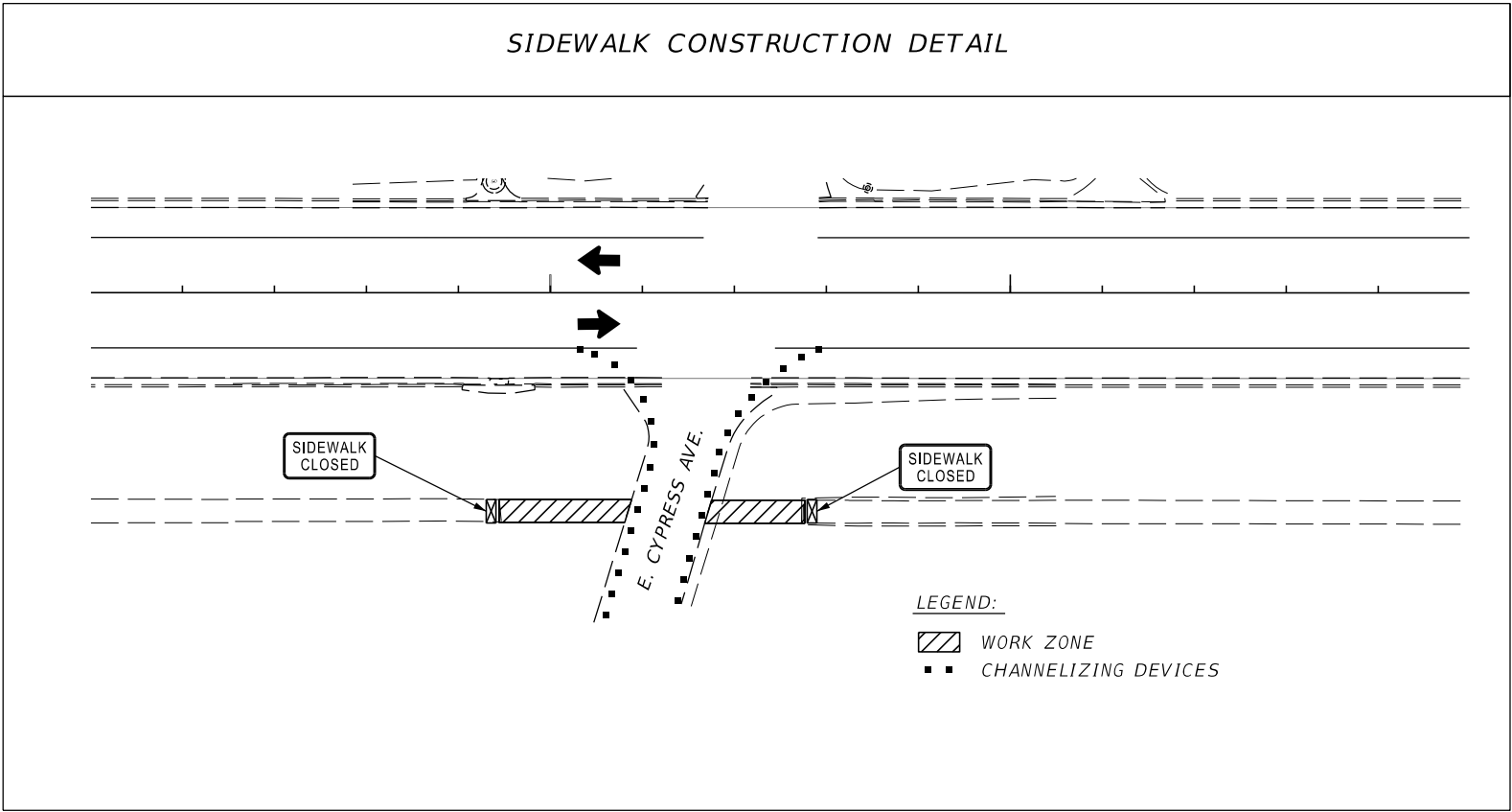
1. THE REGULATORY SPEED LIMIT ON SR 19 FOR THE PORTIONS LISTED BELOW ARE TO BE USED THROUGHOUT THE DURATION OF CONSTRUCTION
35 MPH - STA. 656+97.97 TO STA. 699+05.16 AND STA. 699+05.16 TO STA. 716+34.00.
2. RAMP CONSTRUCTION TO BE DONE BEFORE THE MILLING AND RESURFACING OPERATIONS FOR ALL CURB RAMPS.
3. LANE CLOSURES WILL ONLY BE PERMITTED DURING ACTIVE WORK. LANE CLOSURES WILL BE RESTRICTED TO 8:30 PM TO 6:00 AM WITHIN 600-FT OF A SIGNALIZED INTERSECTION. THERE IS NO RESTRICTION FOR OPEN ROAD LANE CLOSURES.
4. A PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) SHALL BE PLACED AT THE BEGINNING AND END OF THE PROJECT ONE WEEK PRIOR TO IMPLEMENTING ANY LANE CLOSURES. THE PCMS SHALL BE PLACED IN A LOCATION APPROVED BY THE ENGINEER. THE DISPLAYS ARE AS FOLLOWS:

DISPLAY 1:

EXPECT
LANE
CLOSURES

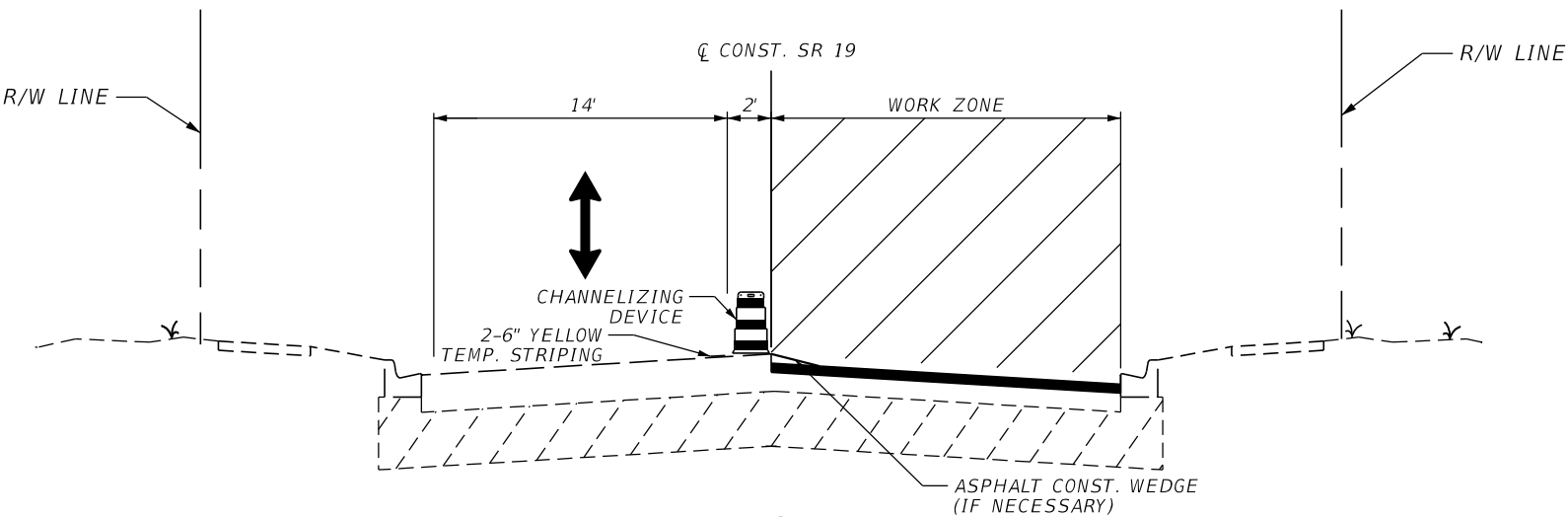
DISPLAY 2:

MM/DD
TO
MM/DD

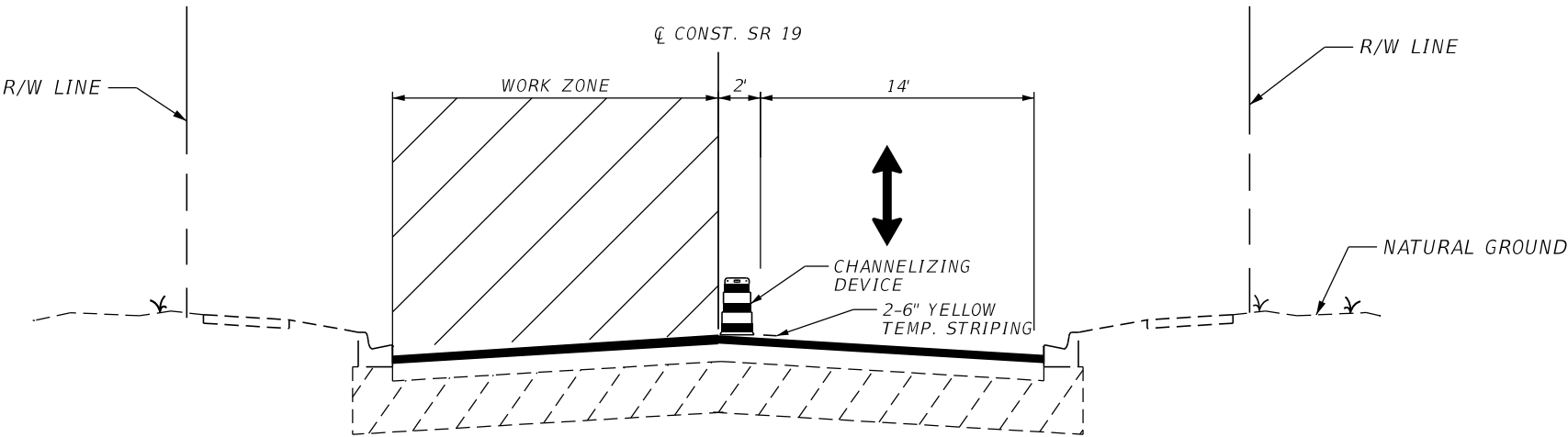


TRAFFIC CONTROL GENERAL NOTES

REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS	SHEET NO.
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PHASE I
STA. 656+97.97 TO STA 716+34.00
N.T.S.



PHASE II
STA. 656+97.97 TO STA 716+34.00
N.T.S.

- PHASE I:**
- 1. SET UP ADVANCE WARNING SIGNAGE FOR THE ENTIRE PROJECT PER ALL APPLICABLE FDOT STANDARD PLANS.
 - 2. INSTALL TEMPORARY EROSION CONTROL DEVICES FOR THE ENTIRE LENGTH PER THE PLANS.
 - 3. USE FLAGGER OPERATIONS TO PROVIDE ROAD ACCESS TO NORTHBOUND, SOUTHBOUND, AND SIDESTREET TRAFFIC DURING PHASE.
 - 4. MILL AND RESURFACE THE RIGHT TRAVEL AND OUTSIDE SHOULDER UP TO THE TOP LAYER OF STRUCTURAL COURSE.
 - 5. PHASE CONSTRUCTION THROUGH CR 48 INTERSECTION TO ALLOW ONE LANE IN EACH DIRECTION TO ALLOW FOR LEFT AND RIGHT TURNS.
- PHASE II:**
- 1. MILL AND RESURFACE THE LEFT TRAVEL LANE AND OUTSIDE SHOULDER UP TO THE TOP LAYER OF STRUCTURAL COURSE.
 - 2. ALLOW PHASE CONSTRUCTION TO ALLOW LEFT AND RIGHT TURNS.
- PHASE III (NOT SHOWN):**
- 1. PLACE FINAL LAYER OF FRICTION COURSE USING A SIMILAR FLAGGING OPERATION.
- PHASE IV (NOT SHOWN):**
- 1. PLACE FINAL STRIPING

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TEMPORARY TRAFFIC CONTROL PLANS	SHEET NO.
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						SR 19	LAKE	452642-1-52-01		18