



LEE COUNTY
DEPARTMENT OF TRANSPORTATION
RICHMOND AVENUE
PEDESTRIAN BRIDGE REPLACEMENT

CONTRACT PLANS COMPONENTS

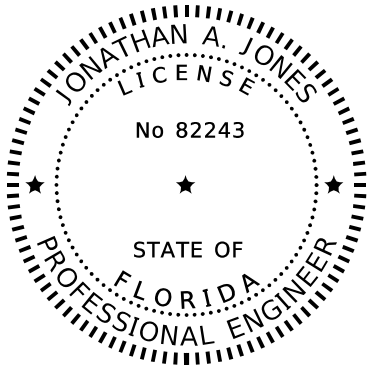
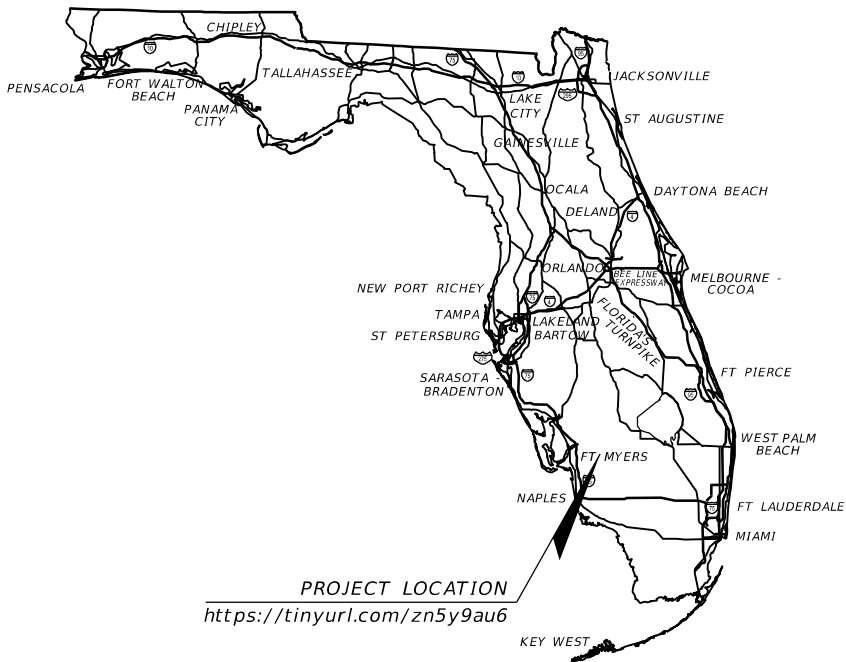
ROADWAY PLANS
STRUCTURES PLANS

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	TYPICAL SECTION DETAILS
3	PROJECT LAYOUT
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8	UTILITY ADJUSTMENTS

LEE COUNTY PROJECT NUMBER: 210248

ROADWAY 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
AND THE SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

ROADWAY PLANS
ENGINEER OF RECORD:

JONATHAN A. JONES, P.E.
P.E. LICENSE NUMBER 82243
PATEL, GREENE & ASSOCIATES, LLC
215 EAST MAIN STREET
BARTOW, FLORIDA 33830
PHONE: (863) 533-7317
CONTRACT NO.: 9889
VENDOR NO.: F452209743-001

LEE COUNTY PROJECT MANAGER:

AVELINO CANCEL, P.E.

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 2024-2025 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

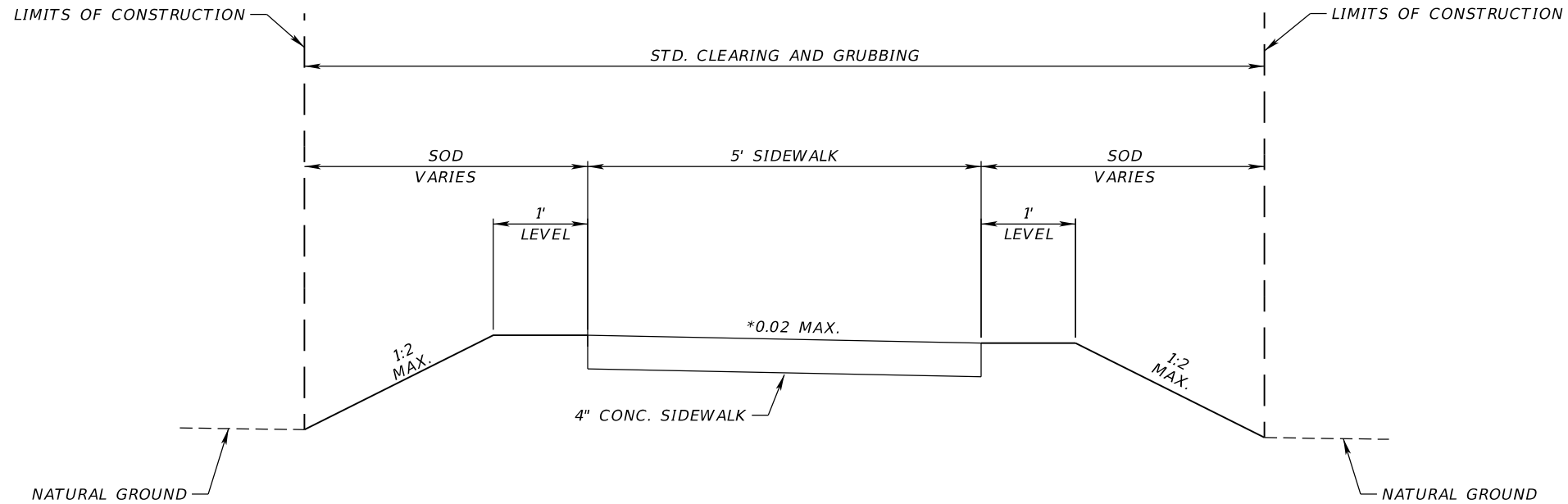
Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

Standard Plans for Bridge Construction are included in the Structures Plans Component

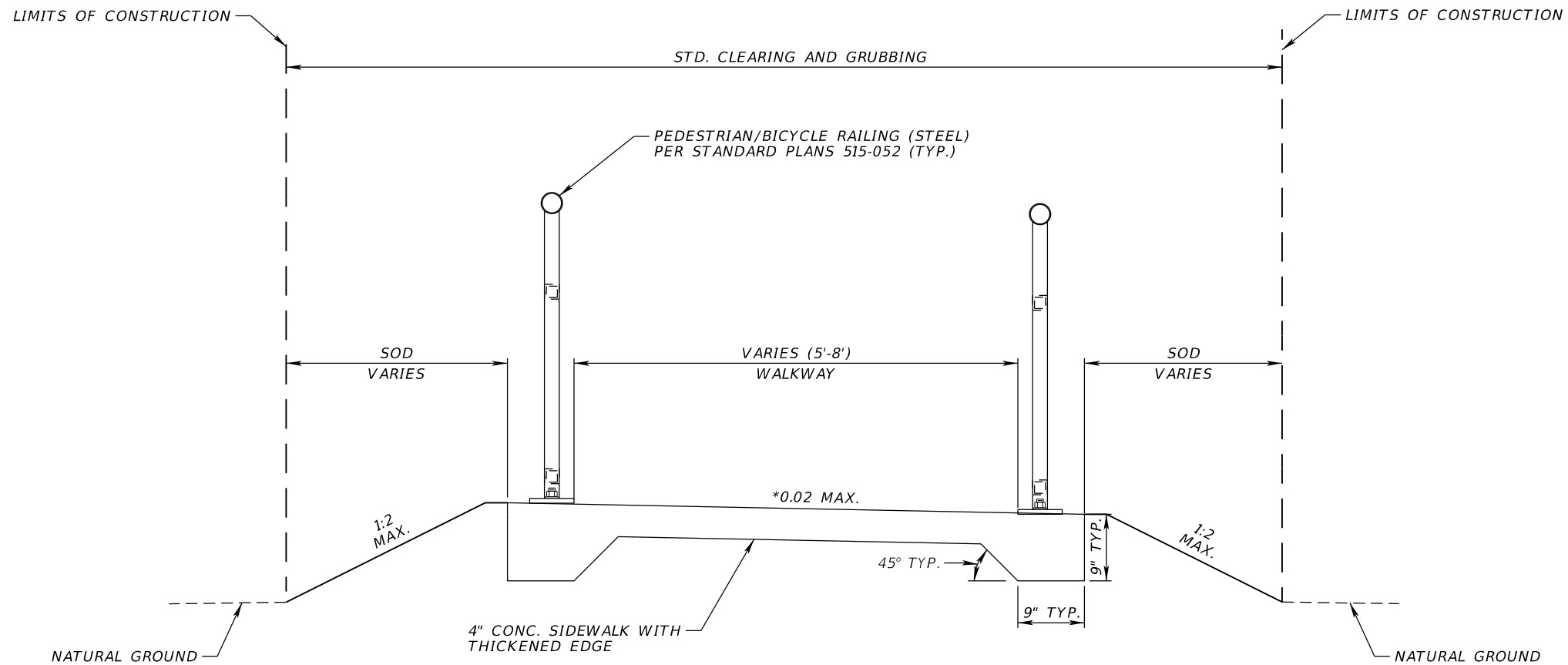
GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY 2024-2025 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

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




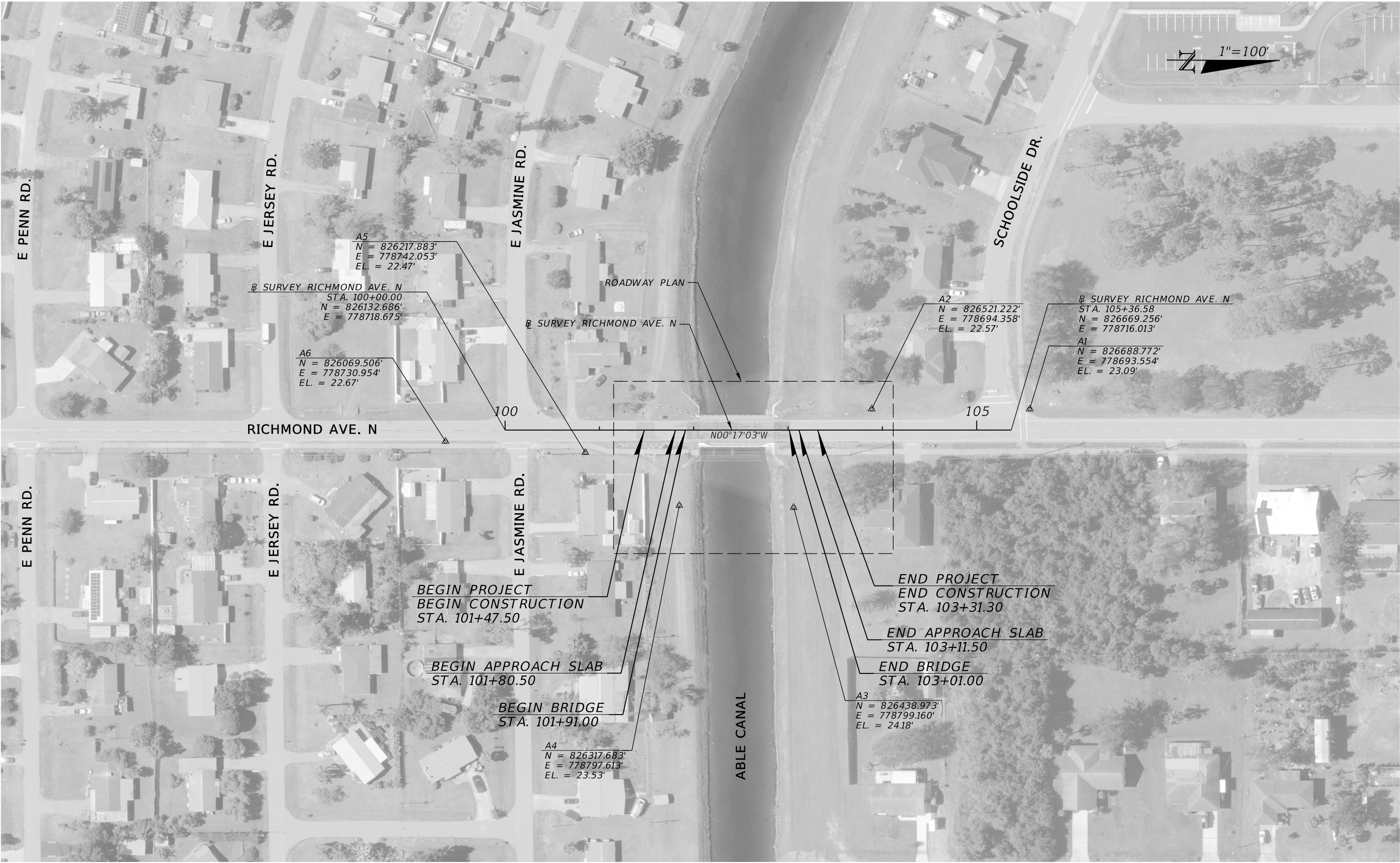
TYPICAL SECTION DETAIL 1
SIDEWALK




TYPICAL SECTION DETAIL 2
SIDEWALK WITH RAILING

NOTE:
* SEE ROADWAY PLAN FOR SIDEWALK LOCATION,
GRADING & CROSS SLOPE INFORMATION.

REVISIONS				 JONATHAN A. JONES, P.E. LICENSE NUMBER 82243 PATEL, GREENE & ASSOCIATES, LLC 215 EAST MAIN STREET BARTOW, FL 33830	LEE COUNTY DEPARTMENT OF TRANSPORTATION		TYPICAL SECTION DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		PROJECT	FINANCIAL PROJECT ID		
					RICHMOND AVE. PEDESTRIAN BRIDGE REPLACEMENT	210248		2



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



JONATHAN A. JONES, P.E.
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BARTOW, FL 33830

LEE COUNTY DEPARTMENT OF TRANSPORTATION	
PROJECT	FINANCIAL PROJECT ID
RICHMOND AVE. PEDESTRIAN BRIDGE REPLACEMENT	210248

PROJECT LAYOUT	
3	

SHEET NO.
3

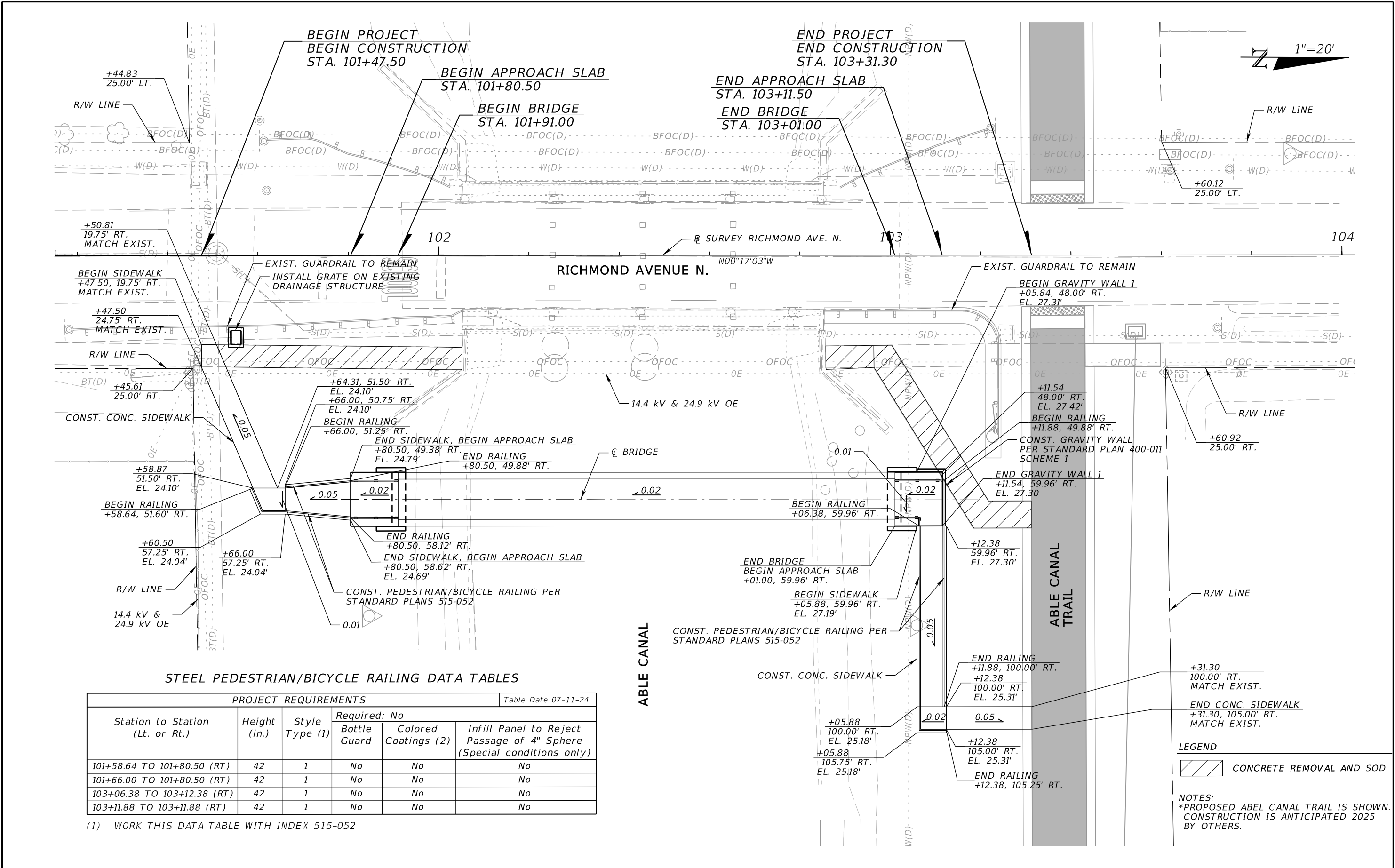
GENERAL NOTES:

1. CONTROL FOR THIS PROJECT IS FLORIDA WEST 0902 STATE PLANE COORDINATES NAD83/2011 HORIZONTAL DATUM AND 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 PRODUCT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:

ANDREW L. WISEMAN P.S.M.
P.S.M. NO.: 7326
DRMP, INC.
15310 AMBERLY DR. SUITE 310
TAMPA, FLORIDA 33647
CERTIFICATE OF AUTHORIZATION: 2648
3. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS 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. POTENTIAL OVERHEAD UTILITY CONFLICTS DUE TO CONSTRUCTION METHODS TO BE COORDINATED WITH UAOS.
5. A WORKING SPACE CLEARANCE DOCUMENT WITH LEE COUNTY ELECTRIC MUST BE COMPLETE PRIOR TO CONSTRUCTION.
6. UTILITY/AGENCY OWNERS:

COMPANY	CONTACT	TELEPHONE NUMBERS	EMAIL
CENTURY LINK	LESLIE DINGMAN	(239) 822-4986	LESLIE.DINGMAN@LUMEN.COM
LEE COUNTY ELECTRIC CO-OP (LCEC)	TOM BAILEY	(239) 656-2414	TOM.BAILEY@LCEC.NET
LEE COUNTY SIGNAL DEPARTMENT	TOMMY LEMERY	(239) 533-9500	TLEMERY@LEEGOV.COM
FLORIDA GOVERNMENTAL UTILITY AUTHORITY (FGUA)	STEVE STANTON	(727) 848-8292	SSTANTON@USWATERCORP.NET
SUMMIT BROADBAND	MICHELLE DANIELS	(407) 996-1183	MICHELLE.DANIEL@SUMMITBB.COM

REVISIONS				<div>PG&A</div> <div>JONATHAN A. JONES, P.E. LICENSE NUMBER 82243 PATEL, GREENE & ASSOCIATES, LLC 215 EAST MAIN STREET BARTOW, FL 33830</div>	LEE COUNTY DEPARTMENT OF TRANSPORTATION		GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		PROJECT	FINANCIAL PROJECT ID		
					RICHMOND AVE. PEDESTRIAN BRIDGE REPLACEMENT	210248		4



STEEL PEDESTRIAN/BICYCLE RAILING DATA TABLES

PROJECT REQUIREMENTS						Table Date 07-11-24
Station to Station (Lt. or Rt.)	Height (in.)	Style Type (1)	Required: No		Infill Panel to Reject Passage of 4" Sphere (Special conditions only)	
			Bottle Guard	Colored Coatings (2)		
101+58.64 TO 101+80.50 (RT)	42	1	No	No	No	
101+66.00 TO 101+80.50 (RT)	42	1	No	No	No	
103+06.38 TO 103+12.38 (RT)	42	1	No	No	No	
103+11.88 TO 103+11.88 (RT)	42	1	No	No	No	

(1) WORK THIS DATA TABLE WITH INDEX 515-052

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



JONATHAN A. JONES, P.E.
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PATEL, GREENE & ASSOCIATES, LLC
215 EAST MAIN STREET
BARTOW, FL 33830

LEE COUNTY DEPARTMENT OF TRANSPORTATION	
PROJECT	FINANCIAL PROJECT ID
RICHMOND AVE. PEDESTRIAN BRIDGE REPLACEMENT	210248

ROADWAY PLAN	
SHEET NO.	
5	

TEMPORARY TRAFFIC CONTROL PLAN GENERAL NOTES:

1. INSTALLATION AND USE OF ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL CONFORM TO FDOT STANDARD PLANS INDEX 102-600.
2. THE EXISTING POSTED SPEED LIMIT OF 30 MPH SHALL BE MAINTAINED DURING CONSTRUCTION.
3. ALL PCMS BOARDS SHALL BE PLACED 14 DAYS IN ADVANCE TO ADVERTISE ANY LANE CLOSURES AND COMMENCING CONSTRUCTION ACTIVITIES.
4. ARROWS ON THE TEMPORARY TCP DENOTE THE DIRECTION OF TRAFFIC ONLY AND DO NOT REFLECT PAVEMENT MARKINGS UNLESS SPECIFICALLY NOTED.
5. LANE CLOSURES ARE NOT PERMITTED WITHIN ONE HOUR OF SCHOOL DROP-OFF AND PICK-UP TIMES.
6. NO LANE CLOSURES PERMITTED DURING NON-WORK PERIODS. NON-WORK PERIODS IS DEFINED BY NO WORKERS ON-SITE AND NO ACTIVE WORK BEING COMPLETED.

PHASE I

1. INSTALL ADVANCE WARNING SIGNS PER ADVANCED WARNING DETAILS.
2. INSTALL EROSION CONTROL DEVICES.
3. CLOSE EXISTING SIDEWALK THROUGH PROJECT LIMITS.

PHASE II

1. INSTALL ADVANCED SIGNING AND CHANNELIZING DEVICES ALONG RICHMOND AVE. PER STANDARD PLANS INDEX 102-600, 102-601, 102-602, 102-603 AS APPLICABLE.
2. CONSTRUCT PEDESTRIAN BRIDGE AND SIDEWALK WITHIN THE PROJECT LIMITS.
3. UTILIZE PROPOSED ROADWAY DETOUR & CLOSE THE ABLE CANAL TRAIL ADJACENT TO WORKZONE DURING OFF-LOADING OF THE PEDESTRIAN BRIDGE SUPERSTRUCTURE.

PCMS MESSAGES

14 DAYS PRIOR TO CONSTRUCTION

ROAD WORK BEGINS	(DATE) EXPECT DELAYS
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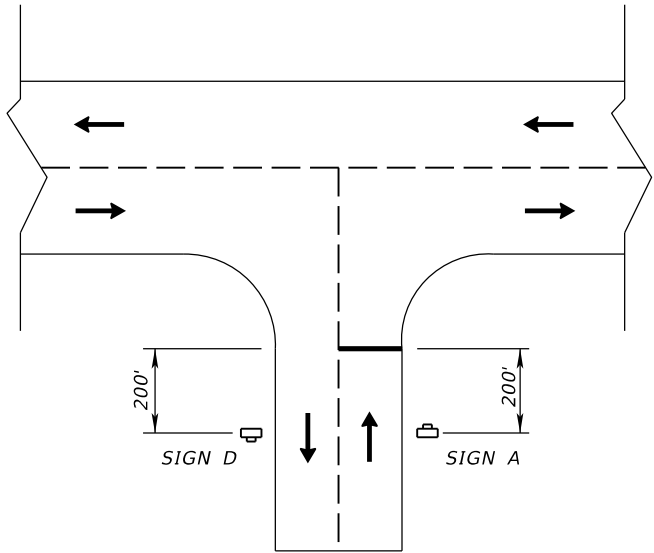
DURING CONSTRUCTION

ROAD WORK AHEAD	EXPECT DELAYS
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DURING LANE CLOSURE

LANE CLOSED AHEAD	PREPARE TO STOP
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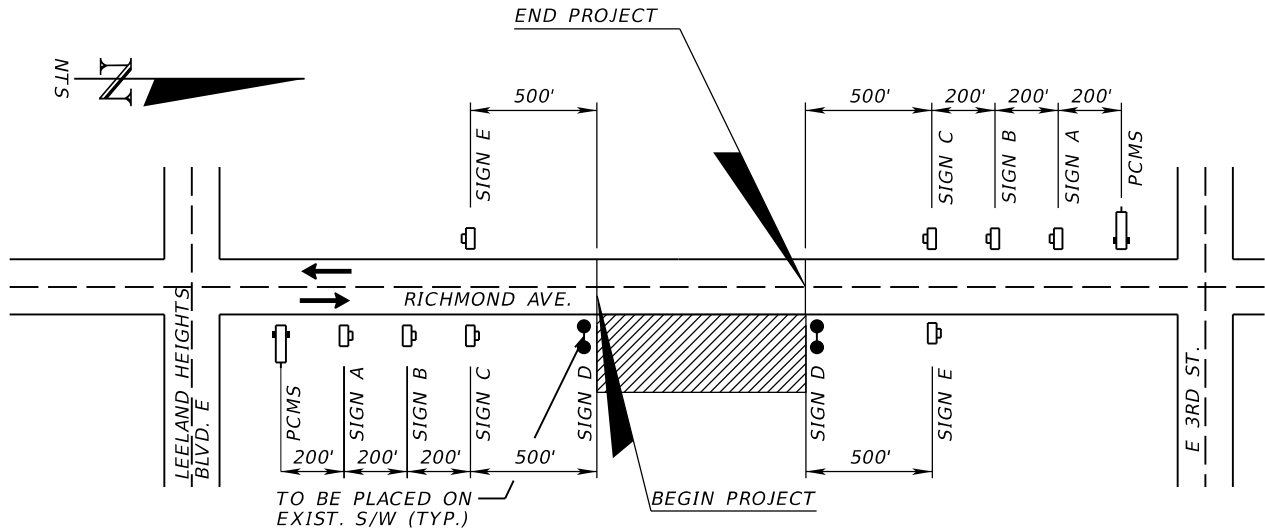
PROVIDE PORTABLE CHANGEABLE MESSAGE SIGN (PCMS), AS SHOWN IN ADVANCE WARNING LAYOUT DETAIL FOR THE DURATION OF CONSTRUCTION.



SIDESTREET DETAIL (NTS)

SIDESTREETS

- E BOUGAINVILLEA RD. (E & W)
- E PENN RD. (E & W)
- E JERSEY RD. (E & W)
- E JASMINE RD. (E & W)
- SCHOOLSIDE DR.



ADVANCED WARNING LAYOUT DETAILS (NTS)

LEGEND

WORK ZONE SIGN

LANE IDENTIFICATION AND DIRECTION OF TRAFFIC

PCMS

WORK AREA

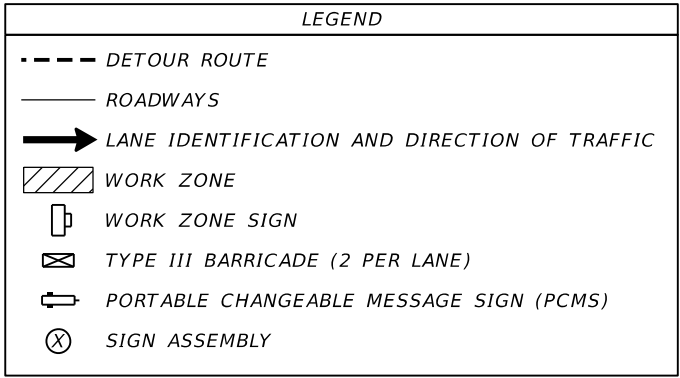
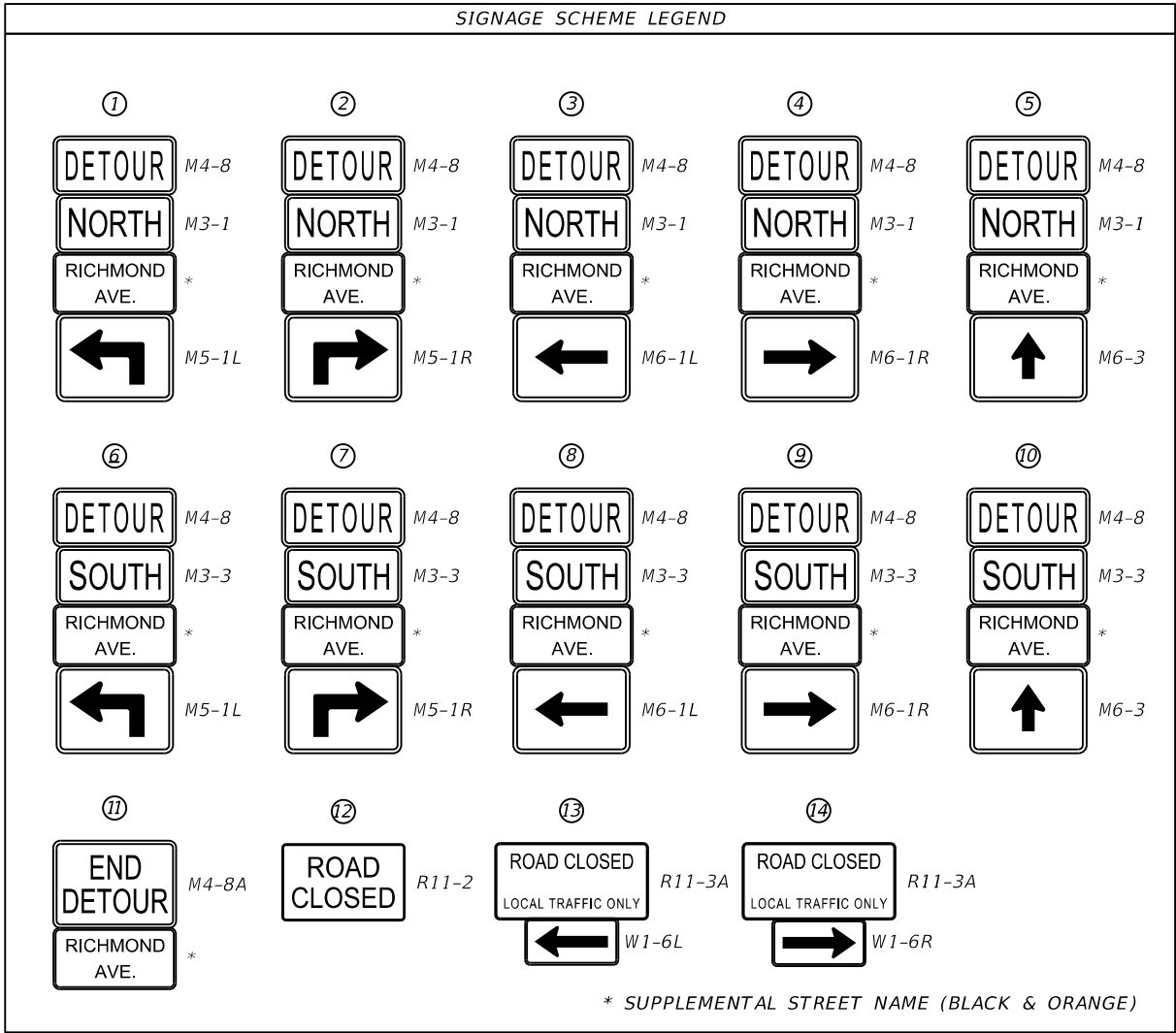
PEDESTRIAN LONGITUDINAL CHANNELIZING DEVICE (LCD)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

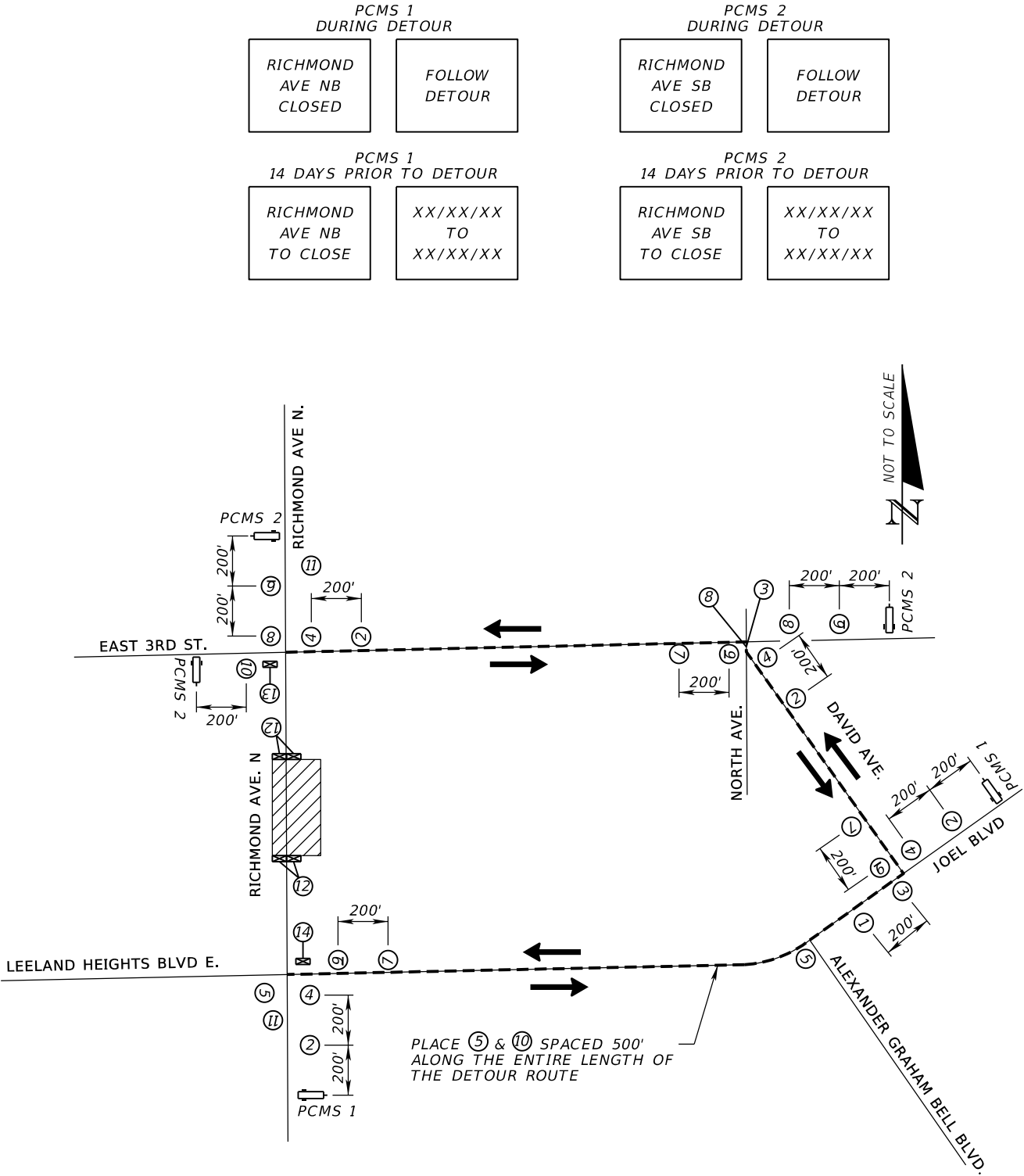
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RICHMOND AVE. PEDESTRIAN BRIDGE REPLACEMENT	210248

TEMPORARY TRAFFIC CONTROL PLAN (1)		SHEET NO.
		6

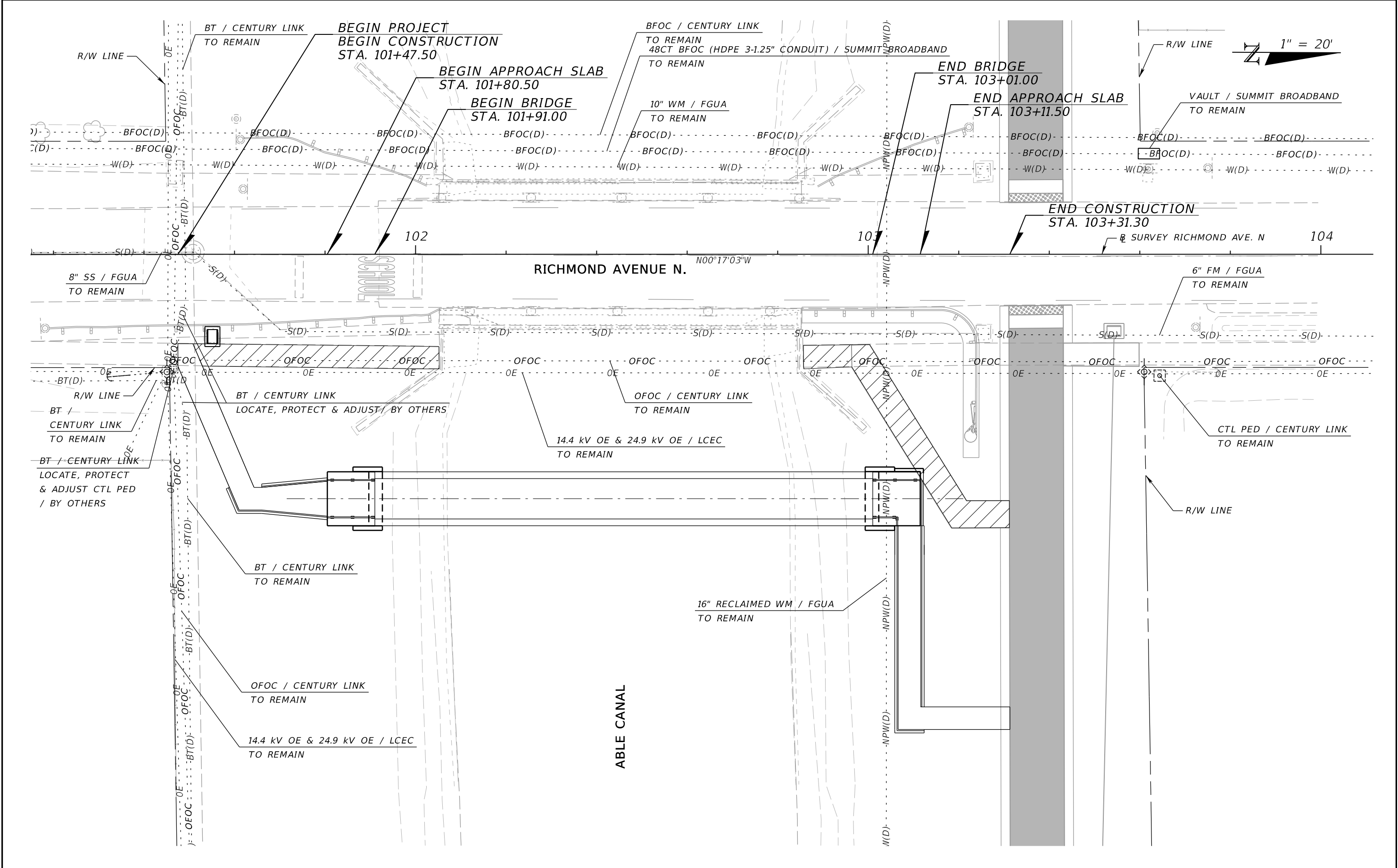


- DETOUR NOTES:**
- THE POSTED SPEEDS ALONG THE DETOUR ROUTE SHALL BE MAINTAINED FOR THE DURATION OF THE DETOUR.
 - FOR GENERAL TRAFFIC CONTROL ZONE REQUIREMENTS AND ADDITIONAL INFORMATION, REFER TO STANDARD PLANS INDEX 102-600.
 - DETOUR PCMS TO BE PLACED 14 DAYS PRIOR TO ROAD CLOSURE AND SHALL REMAIN FOR THE DURATION OF THE DETOUR.



RICHMOND AVE. N DETOUR

REVISIONS				 <div>JONATHAN A. JONES, P.E. LICENSE NUMBER 82243 PATEL, GREENE & ASSOCIATES, LLC 215 EAST MAIN STREET BARTOW, FL 33830</div>	LEE COUNTY DEPARTMENT OF TRANSPORTATION		TEMPORARY TRAFFIC CONTROL PLAN (2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		PROJECT	FINANCIAL PROJECT ID		7
					RICHMOND AVE. PEDESTRIAN BRIDGE REPLACEMENT	210248		



REVISIONS				<div><div>PG&A</div><div>JONATHAN A. JONES, P.E. LICENSE NUMBER 82243 PATEL, GREENE & ASSOCIATES, LLC 215 EAST MAIN STREET BARTOW, FL 33830</div></div>	LEE COUNTY DEPARTMENT OF TRANSPORTATION		UTILITY ADJUSTMENTS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		PROJECT	FINANCIAL PROJECT ID		
					RICHMOND AVE. PEDESTRIAN BRIDGE REPLACEMENT	210248		8