

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
**DRIVEWAY CONNECTION PERMIT
FOR ALL CATEGORIES**

PART 1: PERMIT INFORMATION

APPLICATION NUMBER: 2020-A-194-00007

Permit Category: J - Government Entity Access Classification: _____

Project: 15th street east and US 301

Permittee: DAREN CARRIERE

Section/Mile Post: / State Road: _____

Section/Mile Post: / State Road: _____

PART 2: PERMITTEE INFORMATION

Permittee Name: DAREN CARRIERE

Permittee Mailing Address: 7650 West Courtney Campbell Causeway

City, State, Zip: Tampa, Florida 33607

Telephone: (813) 636-2462 ext. _____

Engineer/Consultant/or Project Manager: _____

Engineer responsible for construction inspection: _____

NAME P.E. #

Mailing Address: _____

City, State, Zip: _____

Telephone: _____ FAX, Mobile Phone, etc. Fax: / Mobile: _____

PART 3: PERMIT APPROVAL

The above application has been reviewed and is hereby approved subject to all Provisions as attached.

Permit Number: 2020-A-194-00007
Department of Transportation

Signature: Curtis Vilt Title: MAINTENANCE MANAGER/PERMITS

Department Representative's Printed Name Curtis Vilt

Temporary Permit YES NO (If temporary, this permit is only valid for 6 months)

Special provisions attached YES NO

Date of Issuance: 11/18/2020

If this is a normal (non-temporary) permit it authorizes construction for one year from the date of issuance. This can only be extended by the Department as specified in 14-96.007(6).

See following pages for General and Special Provisions

Approved
2020-A-194-00007
Curtis Vilt
11/18/2020

PART 4: GENERAL PROVISIONS

1. Notify the Department of Transportation Maintenance Office at least 48 hours in advance of starting proposed work.
Phone: 9417084436 , Attention: Curtis Vilt
2. A copy of the approved permit must be displayed in a prominent location in the immediate vicinity of the connection construction.
3. Comply with Rule 14-96.008(1), F.A.C., Disruption of Traffic.
4. Comply with Rule 14-96.008(7), F.A.C., on Utility Notification Requirements.
5. All work performed in the Department's right of way shall be done in accordance with the most current Department standards, specifications and the permit provisions.
6. The permittee shall not commence use of the connection prior to a final inspection and acceptance by the Department.
7. Comply with Rule 14-96.003(3)(a), F.A.C., Cost of Construction.
8. If a Significant Change of the permittee's land use, as defined in Section 335.182, Florida Statutes, occurs, the Permittee must contact the Department.
9. Medians may be added and median openings may be changed by the Department as part of a Construction Project or Safety Project. The provision for a median might change the operation of the connection to be for right turns only.
10. All conditions in NOTICE OF INTENT WILL APPLY unless specifically changed by the Department.
11. All approved connection(s) and turning movements are subject to the Department's continuing authority to modify such connection(s) or turning movements in order to protect safety and traffic operations on the state highway or State Highway System.
12. **Transportation Control Features and Devices in the State Right of Way.** Transportation control features and devices in the Department's right of way, including, but not limited to, traffic signals, medians, median openings, or any other transportation control features or devices in the state right of way, are operational and safety characteristics of the State Highway and are not means of access. The Department may install, remove or modify any present or future transportation control feature or device in the state right of way to make changes to promote safety in the right of way or efficient traffic operations on the highway.
13. The Permittee for him/herself, his/her heirs, his/her assigns and successors in interest, binds and is bound and obligated to save and hold the State of Florida, and the Department, its agents and employees harmless from any and all damages, claims, expense, or injuries arising out of any act, neglect, or omission by the applicant, his/her heirs, assigns and successors in interest that may occur by reason of this facility design, construction, maintenance, or continuing existence of the connection facility, except that the applicant shall not be liable under this provision for damages arising from the sole negligence of the Department.
14. The Permittee shall be responsible for determining and notify all other users of the right of way.
15. Starting work on the State Right of Way means that I am accepting all conditions on the Permit.

Approved
2020-A-194-00007
Curtis Vilt
11/18/2020

PART 5: SPECIAL PROVISIONS

NON-CONFORMING CONNECTIONS: YES NO

If this is a non-conforming connection permit, as defined in Rule Chapters 14-96 and 14-97, then the following shall be a part of this permit.

1. The non-conforming connection(s) described in this permit is (are) not permitted for traffic volumes exceeding the Permit Category on page 1 of this permit, or as specified in "Other Special Provisions" below.
2. All non-conforming connections will be subject to closure or relocation when reasonable access becomes available in the future.

OTHER SPECIAL PROVISIONS:

- 1 Permit void unless Manatee Operations is notified 48 hours in advance of starting work. Phone number to call is 941-708-4400.
2. If a lane closure is with in the project limits, the Permittee must submit the Lane closure Request to Manatee Operations Permit Office two weeks prior to starting work. Failure to comply may result in a delay of work.
3. Sod all portions of disturbed right-of-way.

PART 6: APPEAL PROCEDURES

You may petition for an administrative hearing pursuant to sections 120.569 and 120.57, Florida Statutes. If you dispute the facts stated in the foregoing Notice of Intended Department Action (hereinafter Notice), you may petition for a formal administrative hearing pursuant to section 120.57 (1), Florida Statutes. If you agree with the facts stated in the Notice, you may petition for an informal administrative hearing pursuant to section 120.57(2), Florida Statutes. You must file the petition with:

Clerk of Agency Proceedings
Department of Transportation
Haydon Burns Building
605 Suwannee Street, M.S. 58
Tallahassee, Florida 32399-0458

The petition for an administrative hearing must conform to the requirements of Rule 28-106.201(2) or Rule 28-106.301(2), Florida Administrative Code, and be filed with the Clerk of Agency Proceedings by 5:00 p.m. no later than 21 days after you received the Notice. The petition must include a copy of the Notice, be legible, on 8 1/2 by 11 inch white paper, and contain:

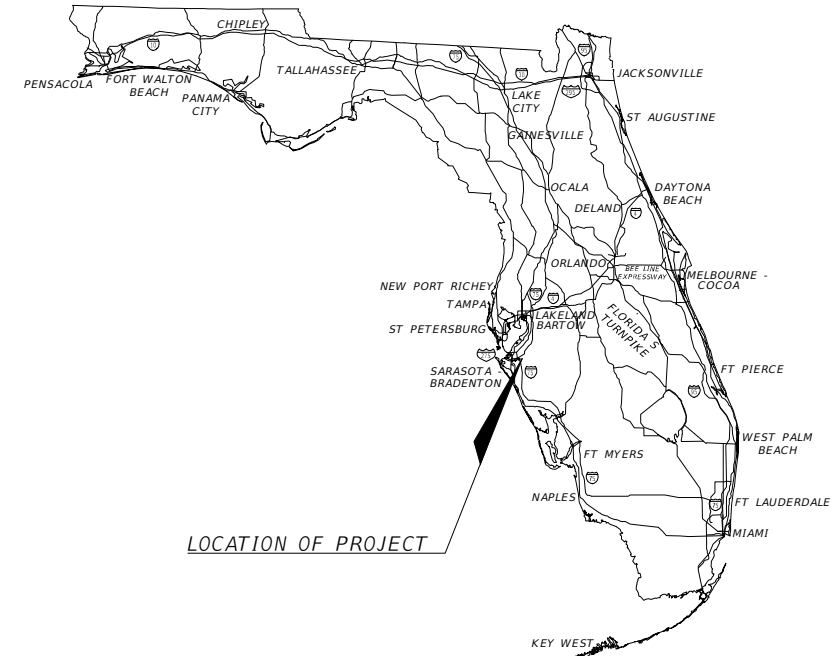
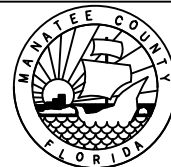
1. Your name, address, telephone number, any Department of Transportation identifying number on the Notice, if known, the name and identification number of each agency affected, if known, and the name, address, and telephone number of your representative, if any, which shall be the address for service purposes during the course of the proceeding.
2. An explanation of how your substantial interests will be affected by the action described in the Notice;
3. A statement of when and how you received the Notice;
4. A statement of all disputed issues of material fact. If there are none, you must so indicate;
5. A concise statement of the ultimate facts alleged, including the specific facts you contend warrant reversal or modification of the agency's proposed action, as well as an explanation of how the alleged facts relate to the specific rules and statutes you contend require reversal or modification of the agency's proposed action;
6. A statement of the relief sought, stating precisely the desired action you wish the agency to take in respect to the agency's proposed action.

If there are disputed issues of material fact a formal hearing will be held, where you may present evidence and argument on all issues involved and conduct cross-examination. If there are no disputed issues of material fact an informal hearing will be held, where you may present evidence or a written statement for consideration by the Department.

Mediation, pursuant to section 120.573, Florida Statutes, may be available if agreed to by all parties, and on such terms as may be agreed upon by all parties. The right to an administrative hearing is not affected when mediation does not result in a settlement.

Your petition for an administrative hearing shall be dismissed if it is not in substantial compliance with the above requirements of Rule 28-106.201(2) or Rule 28-106.301(2), Florida Administrative Code. If you fail to timely file your petition in accordance with the above requirements, you will have waived your right to have the intended action reviewed pursuant to chapter 120, Florida Statutes, and the action set forth in the Notice shall be conclusive and final.

Approved
11/18/2020
Curtis Vilt
11/18/2020

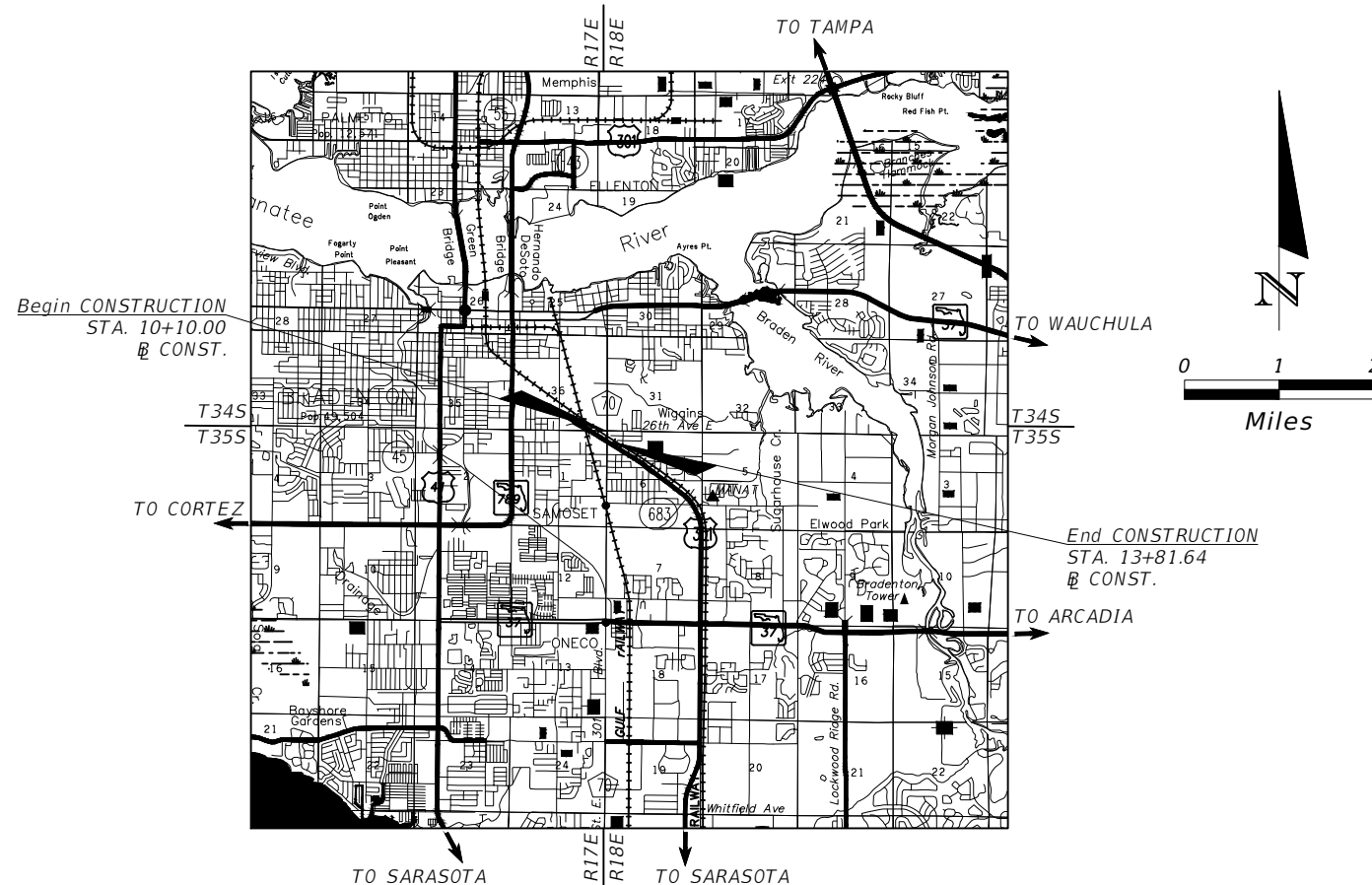


LOCATION OF PROJECT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4	TYPICAL SECTION
4A	EXISTING CONDITIONS
5	ROADWAY PLAN SHEET
6-7	CROSS SECTIONS
8	SIGNING & MARKING PLAN
9	SIGNALIZATION PLAN
10	TEMPORARY TRAFFIC CONTROL PLAN

CONTRACT PLANS
COUNTY PROJECT NUMBER 6096460
MANATEE COUNTY
15TH STREET EAST AT US HIGHWAY 301 (SR 683) AND SR 64
FDOT SEGMENT (13120000) MILEPOSTS 1.620 - 1.710
PERMIT NOS. 2020-A-194-00007 & 2020-D-194-00009
NOVEMBER 2020



ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:

AECOM
ATTN: DAREN CARRIERE
7650 W COURTNEY CAMPBELL CAUSEWAY
TAMPA, FLORIDA 33607
(813) 286-1711

PLANS PREPARED BY:

AECOM TECHNICAL SERVICES, INC.
7650 W. COURTNEY CAMPBELL CAUSEWAY
TAMPA, FL 33607-1462
(813) 286-1711

VENDOR NO. F952661922
CERTIFICATE OF AUTHORIZATION NO. 00008115

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

FINAL SUBMITTAL
DATED: XX/XX/2020

GOVERNING DESIGN STANDARDS:

Florida Department of Transportation FY 2020-21 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 web site: <http://www.fdot.gov/design/standardplans>
Applicable IRs: IR536-001-01, IR521-001-01
For Manatee County Design Standards click on the "Highway & Traffic Manual with Complete Streets", "Stormwater Design Standards", and 2015 Pt. 1 Utility Standards. MCPW Standards" links at the following web site: https://www.mymanatee.org/departments/public_works/infrastructure_engineering
For the standard specifications for Road and Bridge Construction click on the "Specifications" link at the following web site: <http://www.fdot.gov/programmanagement/implemented/specbooks>

PROJECT LENGTH IS BASED ON \mathbb{B} OF CONSTRUCTION

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	371.64	0.070
BRIDGES	0.00	0.000
NET LENGTH OF PROJECT	371.64	0.070
EXCEPTIONS	0.00	0.000
GROSS LENGTH OF PROJECT	371.64	0.070

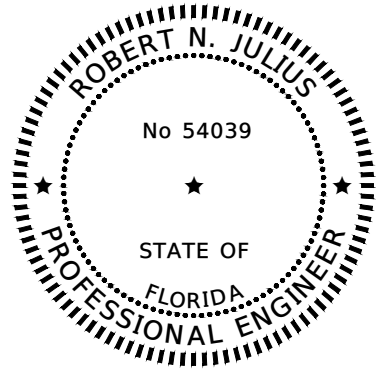
MANATEE COUNTY PROJECT MANAGER: DANIEL GARNER, P.E.

ROADWAY PLANS
ENGINEER OF RECORD: ROBERT JULIUS, P.E.

P.E. NO.: 54039

Approved
2020-11-18
FISCAL YEAR 2020
SHEET NO. 0007
Curtis Vilt
11/18/2020

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



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:



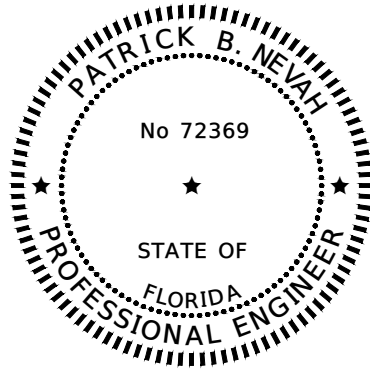
ON THE DATE ADJACENT TO THE SEAL PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

AECOM TECHNICAL SERVICES, INC.
7650 WEST COURTNEY
CAMPBELL CAUSEWAY
TAMPA, FL 33607-1462
C.A. NO. 8115
ROBERT N. JULIUS, P.E. NO. 54039
PHONE: 813-286-1711

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

ROADWAY PLANS

<u>SHEET NUMBER</u>	<u>SHEET DESCRIPTION</u>
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4	TYPICAL SECTIONS
5	ROADWAY PLAN SHEET
6-7	CROSS SECTIONS
10	TEMPORARY TRAFFIC CONTROL PLAN



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AECOM TECHNICAL SERVICES, INC.
7650 WEST COURTNEY
CAMPBELL CAUSEWAY
TAMPA, FL 33607-1462
C.A. NO. 8115
PATRICK B. NEVAH, P.E. NO. 72369
PHONE: 813-286-1711

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

ROADWAY PLANS

<u>SHEET NUMBER</u>	<u>SHEET DESCRIPTION</u>
2	SIGNATURE SHEET
8	SIGNING & MARKING PLAN
9	SIGNALIZATION PLAN

SCALE AS NOTED		DESIGNED BY RNJ		DRAWN BY PSF		CHECKED BY		DATE 04/2019		PROJECT NO. 6096460		DESIGN ENGINEER ROBERT N. JULIUS, P.E. FL. LICENSE NO. 54039		15TH STREET AND US 301 SIGNATURE SHEET 2		Approved 2020-A-194-0007 Curtis Vitt 11/18/2020	
No.		REVISIONS		DATE		BY		ROBERT N. JULIUS, P.E. P.E. NO. 54039 AECOM TECHNICAL SERVICES, INC. 7650 WEST COURTNEY CAMPBELL CAUSEWAY TAMPA, FL 33607-1462 (813) 286-1711 CERTIFICATE OF AUTHORIZATION: 8115				SHEET NO. 2		SHEET NO. 2		SHEET NO. 2	

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	
			P	F
101-1	MOBILIZATION	LS	1	
102-1	MAINTENANCE OF TRAFFIC	LS	1	
104-10-3	SEDIMENT BARRIER	LF	310	
110-1-1	CLEARING AND GRUBBING	LS	1	
110-4-10	REMOVAL OF EXISTING CONCRETE	SY	2	
120-1	REGULAR EXCAVATION	CY	238	
120-6	EMBANKMENT	CY	120	
160-4	STABILIZATION TYPE B	SY	950	
285-701	BASE OPTIONAL GROUP 1	SY	248	
285-711	BASE OPTIONAL GROUP 11	SY	596	
334-1-14	SUPERPAVE (TRAFFIC D)	TN	72.4	
337-7-83	FRICTION COURSE FC-12.5 (1 1/2") (PG 76-22)	TN	73.7	
522-1	SIDEWALK CONCRETE (4" THICK)	SY	163	
527-2	DETECTABLE WARNING	SF	10	
570-1-2	PERFORMANCE TURF (SODDING)	SY	802	
630-2-11	CONDUIT (F&I) (OPEN TRENCH)	AS	106	
630-2-12	CONDUIT (F&I) (DIRECTIONAL BORE)	AS	323	
630-2-14	CONDUIT (F&I) (ABOVEGROUND)	EA	80	
635-2-11	PULL & SPLICE BOX (F&I) (17X30)	EA	4	
660-1-600	LOOP DETECTOR INDUCTIVE (REMOVE- CABINET TO REMAIN)	GM	6	
660-3-11	VDS- MICROWAVE, FURNISH & INSTALL, CABINET EQUIPMENT	LF	1	
660-3-12	VDS- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	LF	4	
670-5-400	TRAFFIC CONTROLLER ASSEMBLY (MODIFY)	AS	1	
700-1-11	SINGLE SIGN POST (<12SF)	AS	3	
700-1-50	SINGLE SIGN POST (RELOCATE)	AS	3	
700-1-60	SINGLE SIGN POST (REMOVE)	AS	1	
706-3	REFLECTIVE PAVEMENT MARKERS	EA	26	
711-11-102	THERMO, STD, WHITE, SOLID, 8"	GM	0.020	
711-11-124	THERMO, STD, WHITE, SOLID, 18"	LF	119	
711-11-170	THERMO, STD, WHITE, ARROW	EA	3	
711-11-101	THERMO, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK	LF	61	
711-11-101	THERMO, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	40	
711-11-101	THERMO, OTHER SUFACES, WHITE, SOLID, 6"	GM	0.134	

PAY ITEM NOTES

- 102-1 INCLUDES TEMPORARY PAVEMENT, TEMPORARY FENCING, AND RELOCATING FENCE. ALSO INCLUDES ALL INCIDENTAL ITEMS NECESSARY FOR IMPLEMENTING AND MAINTAINING THE TRAFFIC CONTROL PLAN NOT ITEMIZED UNDER INDIVIDUAL PAY ITEMS.
- 110-1-1 CONTRACTOR TO CLEAR AND GRUB ALL AREAS THAT WILL BE DISTURBED WITHIN THE RIGHT OF WAY.
- 570-1-2 ALL DISTURBED AREAS WITHIN THE RIGHT OF WAY SHALL BE SODDED.

GENERAL NOTES

- UNLESS OTHERWISE NOTED, ALL FINISH GRADE ELEVATIONS REFER TO THE TOP OF FINISHED ASPHALT, CONCRETE, OR GRADED EARTHWORK.
- ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED THE CONTRACTOR SHALL NOTIFY THE COUNTY SURVEYOR WITHOUT DELAY BY TELEPHONE.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE SPECIAL PROVISIONS OF THIS CONTRACT WHICH REQUIRES THE PREPARATION AND APPROVAL OF AN EROSION CONTROL PLAN THAT ADDRESSES THE PREVENTION, CONTROL, AND ABATEMENT OF WATER POLLUTION.
- THE CONTRACTOR IS TO VERIFY ALL UTILITIES WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL NOTIFY ALL UTILITY OWNERS AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION ACTIVITIES. SUNSHINE ONE CALL (1-800-432-4770)
- UTILITY OWNERS:


COMPANY	TELEPHONE NUMBER
FRONTIER	DENISE HUTTON (941) 906-6722
CITY OF BRADENTON	KIM CLAYBACK (941) 708-6300 EXT 224
FLORIDA POWER & LIGHT	GREG COKER (941) 723-4430
TECO PEOPLES GAS	DAN SHANAHAN (941) 342-4006
MANATEE COUNTY UTILITIES	KATHY MCMAHON (941) 792-8811 EXT 5002
CHARTER COMMUNICATIONS	JAMES FLEMING (941) 213-0877
- THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT), STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION AND THE FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) 2009 EDITION, WITH REVISIONS 1 & 2.
- PAVEMENT MARKINGS SHALL BE PLACED AS SHOWN IN THE PLANS AND THE APPROPRIATE FDOT STANDARD PLANS.
- PAVEMENT MARKING DIRECTIONAL ARROWS SHALL BE SPACED AS PER FDOT PLANS INDEX 711-001.
- REFER TO FDOT STANDARD PLANS INDEX 706-001 FOR RAISED PAVEMENT MARKER PLACEMENT DETAILS.
- ALL CROSSWALK MARKINGS SHALL BE PREFORMED THERMOPLASTIC (PFTP).
- ALL PERMANENT PAVEMENT MARKINGS PLACED WITHIN THE FDOT RIGHT OF WAY SHALL BE THERMOPLASTIC.
- ALL PERMANENT PAVEMENT MARKINGS PLACED WITHIN THE MANATEE COUNTY RIGHT OF WAY SHALL BE THERMOPLASTIC EXCEPT WHEN OTHERWISE NOTED IN PLANS WHERE PAINT OR PERMANENT TAPE IS SPECIFIED.
- ALL THERMOPLASTIC PAVEMENT MARKINGS SHALL BE CERTIFIED LEAD FREE.

TRAFFIC CONTROL GENERAL NOTES

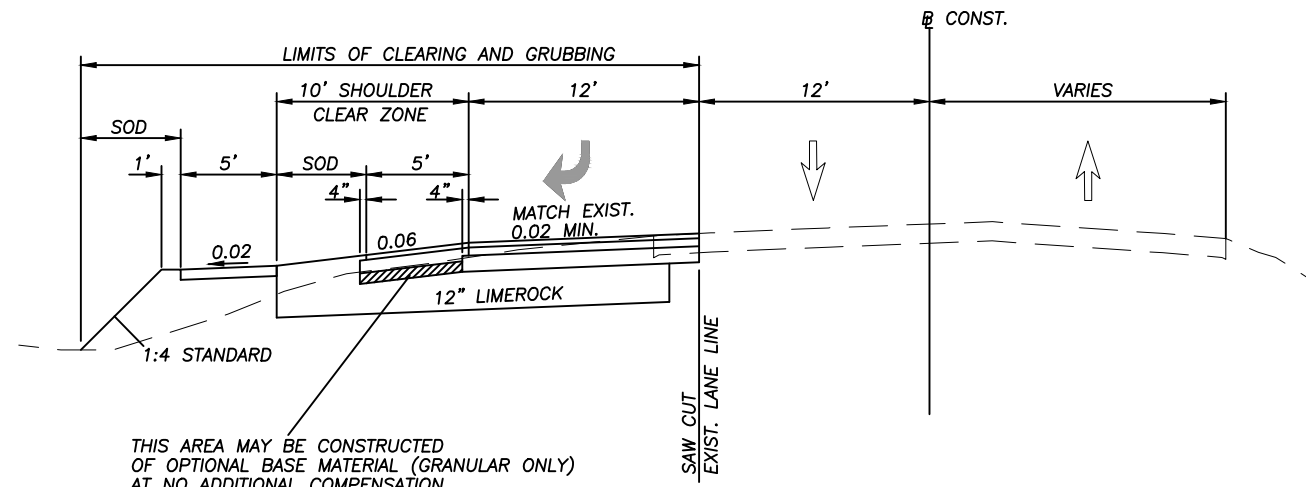
TEMPORARY TRAFFIC CONTROL SHALL CONFORM TO THE LATEST FDOT STANDARD PLANS 102 SERIES.

CONTRACTOR SHALL SUBMIT TTC PLAN TO MATT MERUCCI (matt.merucci@mymanatee.org) (941) 708-7450 ext. 7342 AT MANATEE COUNTY FOR APPROVAL.

NO ROAD CLOSURES OR DETOURS WILL BE ALLOWED UNLESS ACCEPTED BY MANATEE COUNTY.

SCALE	AS NOTED	DESIGNED BY	RNJ	DATE	04/2019	 PUBLIC WORKS DEPARTMENT ENGINEERING SERVICES 1022 26th Avenue East, Bradenton, FL 34208	DESIGN ENGINEER	ROBERT N. JULIUS, P.E.	Approved 2020-A-194-SHEET 007 15TH STREET AND US 301 SUMMARY OF PAY ITEMS Curtis Vitt 11/18/2020 3
DRAWN BY	PSF	CHECKED BY		PROJECT NO.	6096460		FL. LICENSE NO.	54039	
No.	REVISIONS	DATE	BY						

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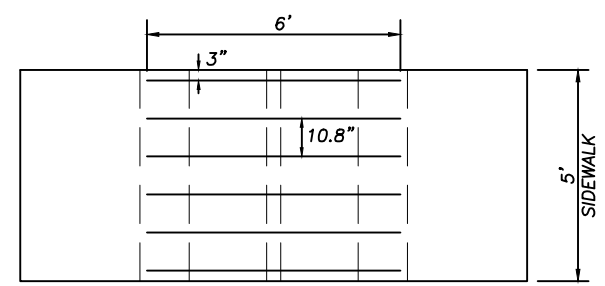


ROADWAY CONSTRUCTION
 1.5" FC 12.5 (PG 76-22)
 2" TYPE SP STRUCTURAL 12.5 (TRAFFIC D)
 OPTION BASE GROUP 11 (12" LIMEROCK)
 12" TYPE B STABILIZATION (LBR 40)

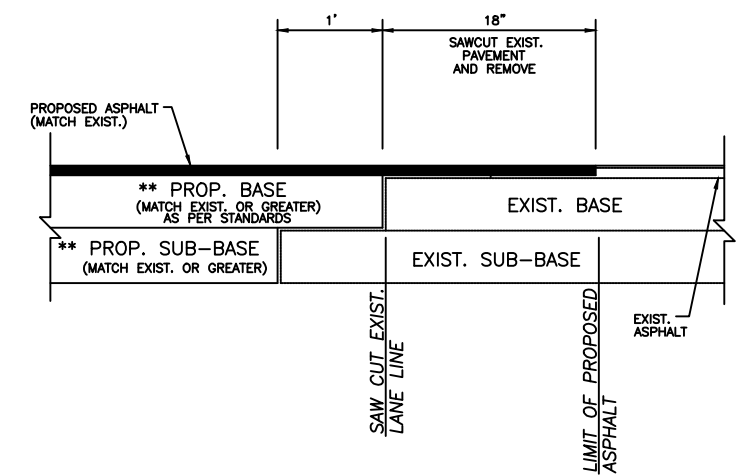
SHOULDER CONSTRUCTION
 1.5" FC 12.5 (PG 76-22)
 OPTION BASE GROUP 1 (4" LIMEROCK)
 12" TYPE B STABILIZATION (LBR 40)

THIS AREA MAY BE CONSTRUCTED OF OPTIONAL BASE MATERIAL (GRANULAR ONLY) AT NO ADDITIONAL COMPENSATION

15TH STREET EAST
 STA. 10+10.00 - STA. 13+81.64
 TYPICAL SECTION
 DESIGN SPEED 40 MPH
 NTS



(6) #4 REBAR
 2.25" COVER
 6" COLUMNS
 4" THICK BOTTOM
 1.3" MAX
 USE A MINIMUM OF 60,000 PSI REBAR, 3,000 PSI CONCRETE
 COST TO CONSTRUCT SIDE DRAIN TO BE INCLUDED IN SIDEWALK CONC. 4" THICK.
SIDE DRAIN DETAIL
 N.T.S.



** NOTE: CONNECTION TO OLDER (SUBSTANDARD THICKNESS) ROADS MAY REQUIRE THICKER PROPOSED BASE AND SUB-BASE TO MEET CURRENT STANDARDS.
 SIGNAGE AND MARKING PLAN SHALL ACCOMPANY CONSTRUCTION PLAN.
MODIFIED ROAD CONNECTION DETAIL
 N.T.S.

SCALE		AS NOTED		ROBERT N. JULIUS, P.E. P.E. NO. 54039		DATE 04/2019				DESIGN ENGINEER ROBERT N. JULIUS, P.E.		Approved 2020-A-194-SHEET 0007 Curtis Vilt 11/18/2020	
DESIGNED BY		RNJ		AECOM TECHNICAL SERVICES, INC. 7650 WEST COURTNEY CAMPBELL CAUSEWAY TAMPA, FL 33607-1462 (813) 286-1711 CERTIFICATE OF AUTHORIZATION: 8115		PROJECT NO. 6096460				FL. LICENSE NO. 54039			
DRAWN BY		PSF											
CHECKED BY													
No.		REVISIONS		DATE		BY							

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1" = 40'

STA. 20+00.00 BL SURVEY
S N&D
LB 7860
N 1142428.2031
E 478968.5709

21+00
SURVEY

150.00'
122'00"00"

S IRC 5/8" REF.
LB 7860

S IRC 5/8" REF.
LB 7860

STA. 25+49.93 BL SURVEY
F N&D
CIVIL SURV
N 1142978.1296
E 478969.4252

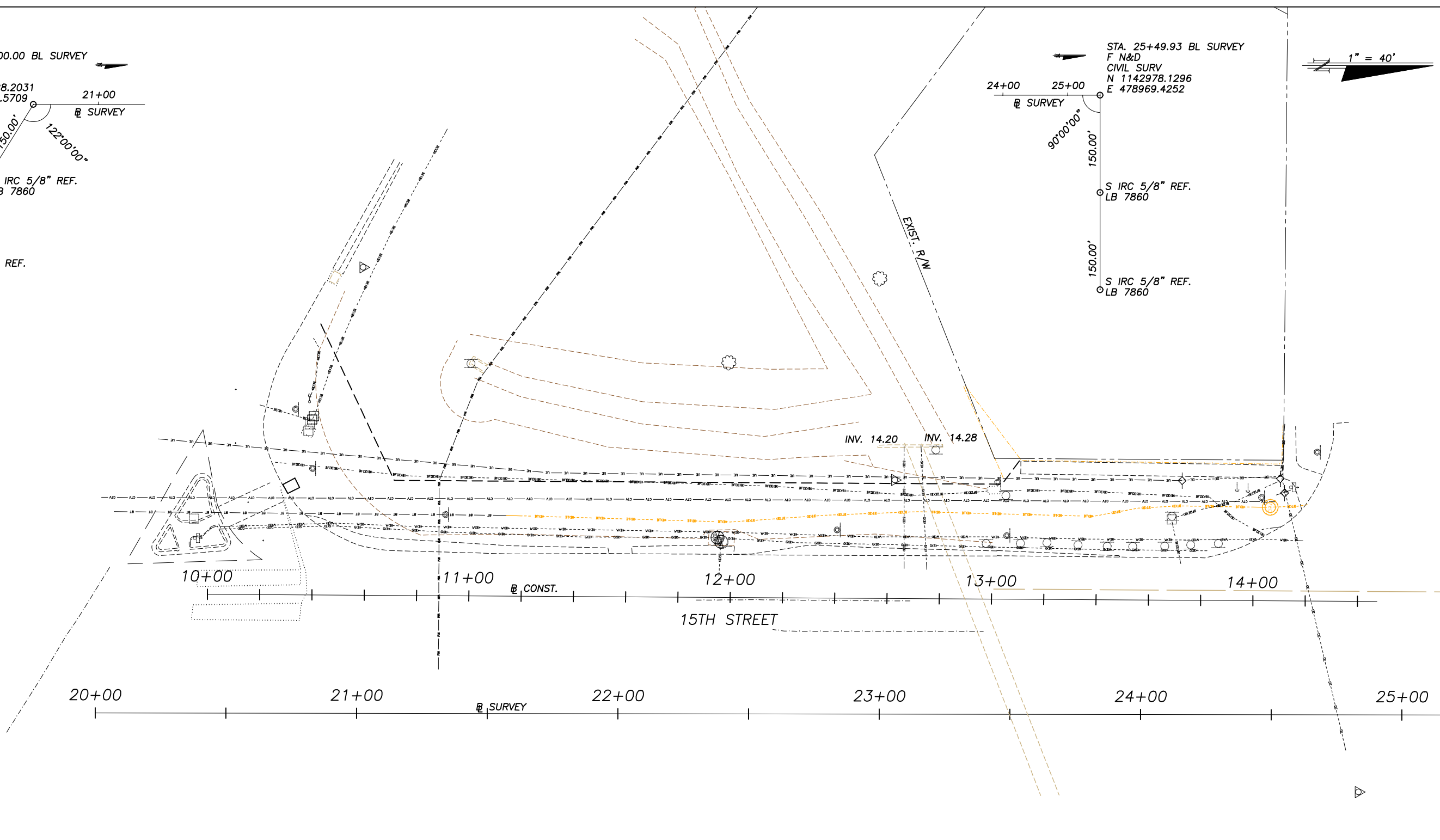
24+00 25+00
SURVEY

90'00"00"

150.00'

S IRC 5/8" REF.
LB 7860

S IRC 5/8" REF.
LB 7860




MANATEE COUNTY
VERTICAL CONTROL

102-88-11	102-88-10
N 1142980.5336	N 1142242.3185
E 479011.6907	E 478959.2636
ELEV. 19.98	ELEV. 26.36

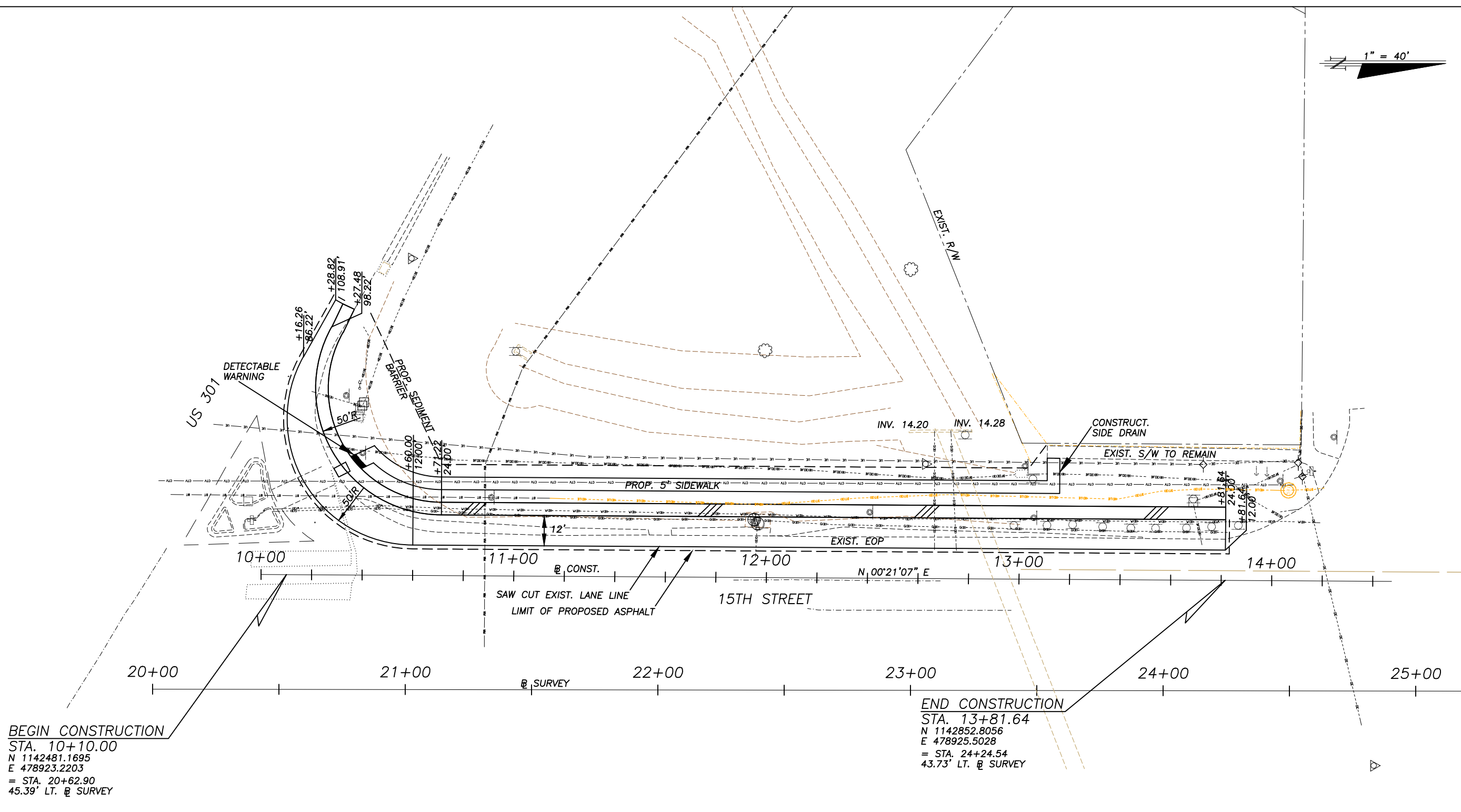
SURVEY IS IN FLORIDA STATE PLANE, WEST ZONE.
VERTICAL DATUM IS NAVD 1988.
DATE OF SURVEY IS APRIL 2019.

NAVD 1988 + 0.981 = NGVD 1929

SCALE AS NOTED		DESIGNED BY RNJ		DRAWN BY RNJ		CHECKED BY		ROBERT N. JULIUS, P.E. P.E. NO. 54039 AECOM TECHNICAL SERVICES, INC. 7650 WEST COURTNEY CAMPBELL CAUSEWAY TAMPA, FL 33607-1462 (813) 286-1711 CERTIFICATE OF AUTHORIZATION: 8115		DATE 04/2019		 PUBLIC WORKS DEPARTMENT ENGINEERING SERVICES 1022 26th Avenue East, Bradenton, FL 34208		DESIGN ENGINEER ROBERT N. JULIUS, P.E. FL. LICENSE NO. 54039		Approved 2020-A-194 SHEET NO. 0007 15TH STREET AND US 301 EXISTING CONDITIONS Curtis Viti 11/18/2020 4A	
No.	REVISIONS		DATE	BY													

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1" = 40'



BEGIN CONSTRUCTION
 STA. 10+10.00
 N 1142481.1695
 E 478923.2203
 = STA. 20+62.90
 45.39' LT. @ SURVEY

END CONSTRUCTION
 STA. 13+81.64
 N 1142852.8056
 E 478925.5028
 = STA. 24+24.54
 43.73' LT. @ SURVEY

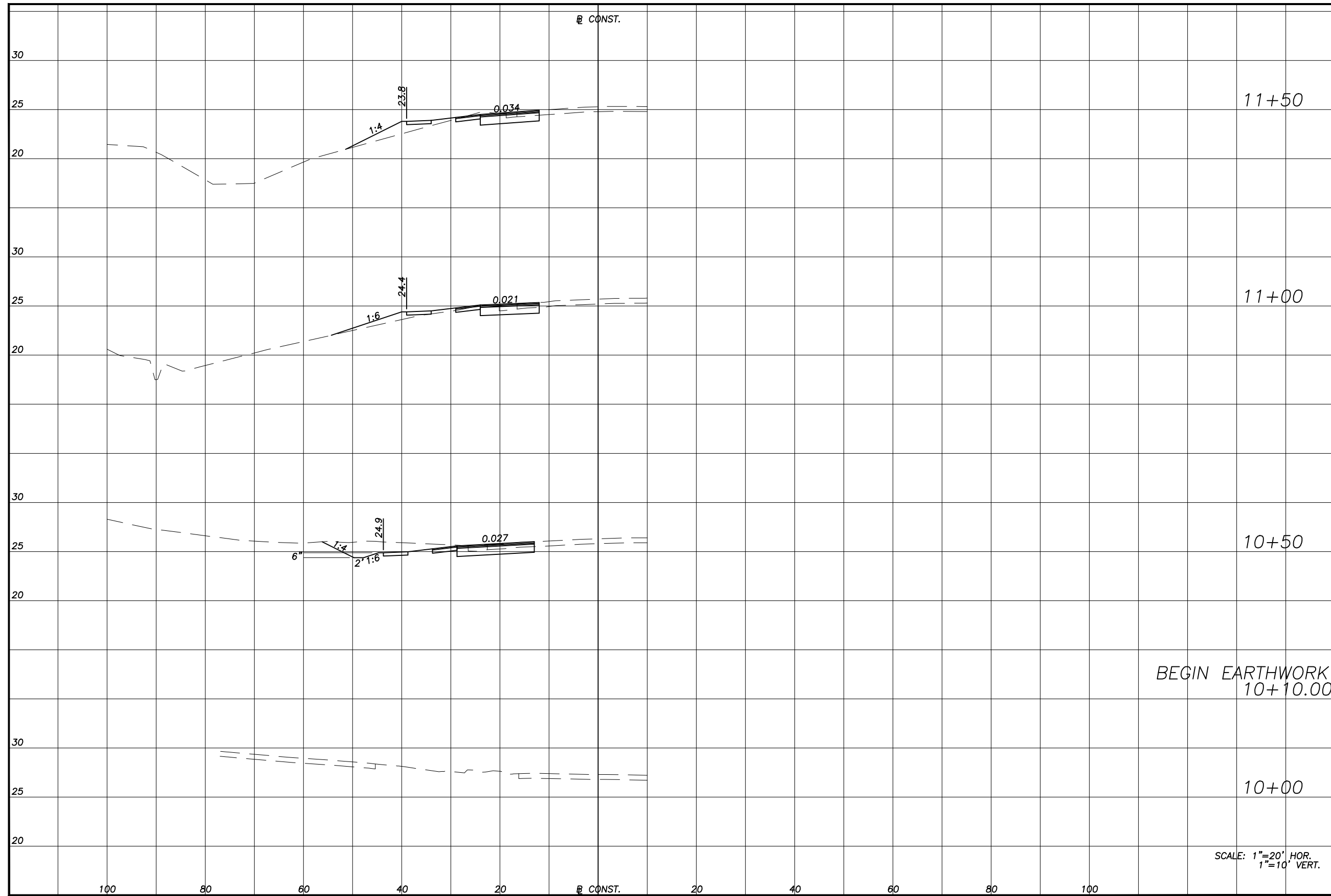
EXIST. R/W

PAVED SHOULDER

ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS TO REMAIN EXCEPT;
 GAS VALVES AT STA. 11+95+/- LT. : EXISTING VALVE BOX TO BE REPLACED WITH A TRAFFIC LOAD BEARING BOX BY OTHERS.

SCALE		AS NOTED		DESIGNED BY		ROBERT N. JULIUS, P.E. P.E. NO. 54039		DATE		04/2019		 PUBLIC WORKS DEPARTMENT ENGINEERING SERVICES 1022 26th Avenue East, Bradenton, FL 34208		DESIGN ENGINEER		ROBERT N. JULIUS, P.E.		Approved 2020-A-194-SHEET 0007 Curtis Vitt 11/18/2020	
DRAWN BY		RNJ		CHECKED BY		RNJ		PROJECT NO.		6096460				FL. LICENSE NO.		54039			
REVISIONS		DATE		BY		AECOM TECHNICAL SERVICES, INC. 7650 WEST COURTNEY CAMPBELL CAUSEWAY TAMPA, FL 33607-1462 (813) 286-1711 CERTIFICATE OF AUTHORIZATION: 8115													

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



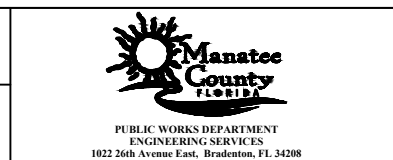
EARTHWORK			
RDWY EXC		FILL	
A	V	A	V
16		13	
	27		20
13		9	
	53		8
44		0	
	33		0
0		0	

SCALE: 1"=20' HOR.
1"=10' VERT.

No.	REVISIONS	DATE	BY

SCALE AS NOTED
 DESIGNED BY RNJ
 DRAWN BY RNJ
 CHECKED BY
 ROBERT N. JULIUS, P.E.
 P.E. NO. 54039
 AECOM TECHNICAL SERVICES, INC.
 7650 WEST COURTNEY CAMPBELL CAUSEWAY
 TAMPA, FL 33607-1462
 (813) 286-1711
 CERTIFICATE OF AUTHORIZATION: 8115

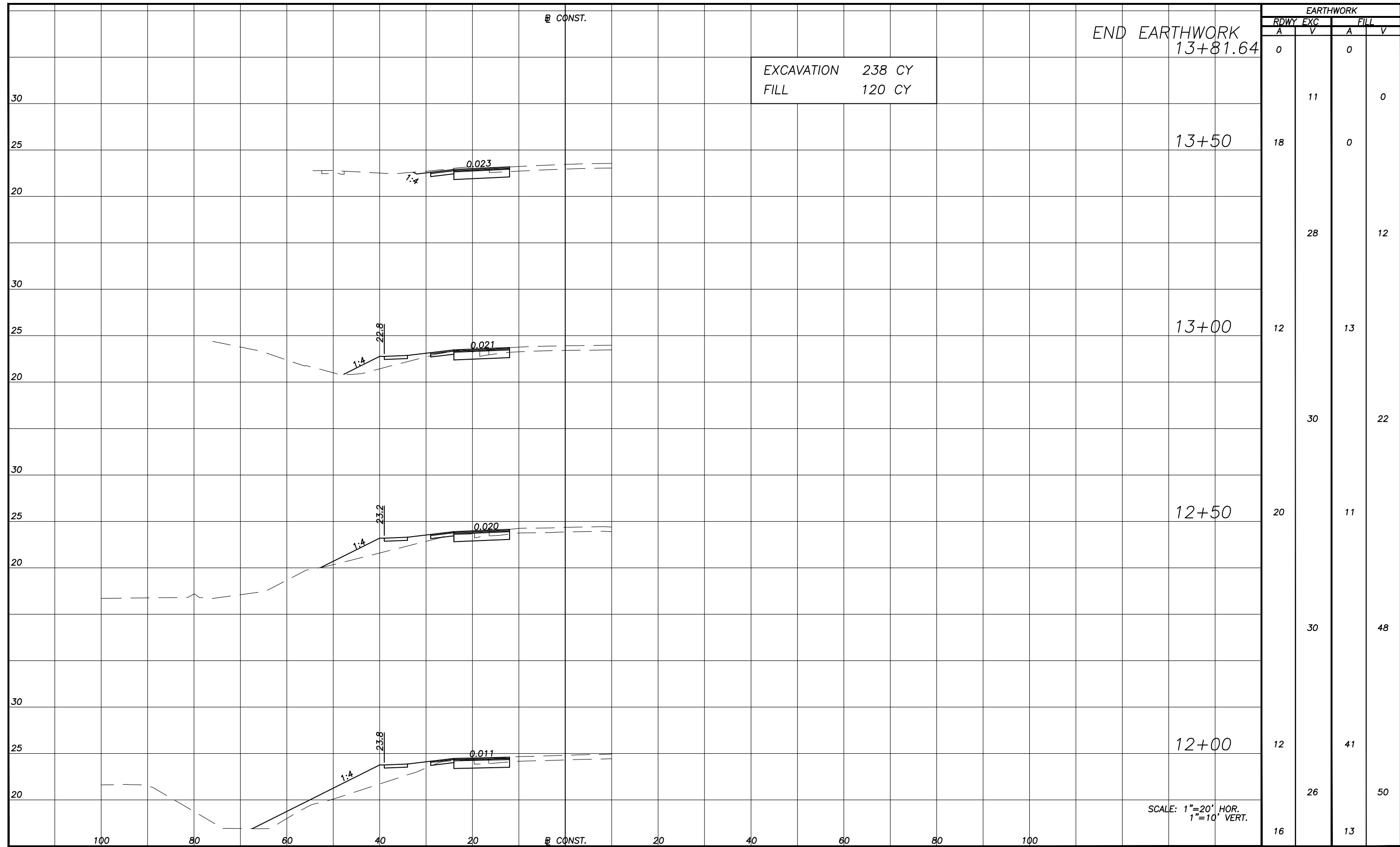
DATE 04/2019
 PROJECT NO. 6096460



DESIGN ENGINEER
 ROBERT N. JULIUS, P.E.
 FL. LICENSE NO. 54039

15TH STREET AND US 301
 CROSS SECTIONS (1)
 Approved 2020-A-19470007
 Curtis Vilt
 11/18/2020
 SHEET NO. 6

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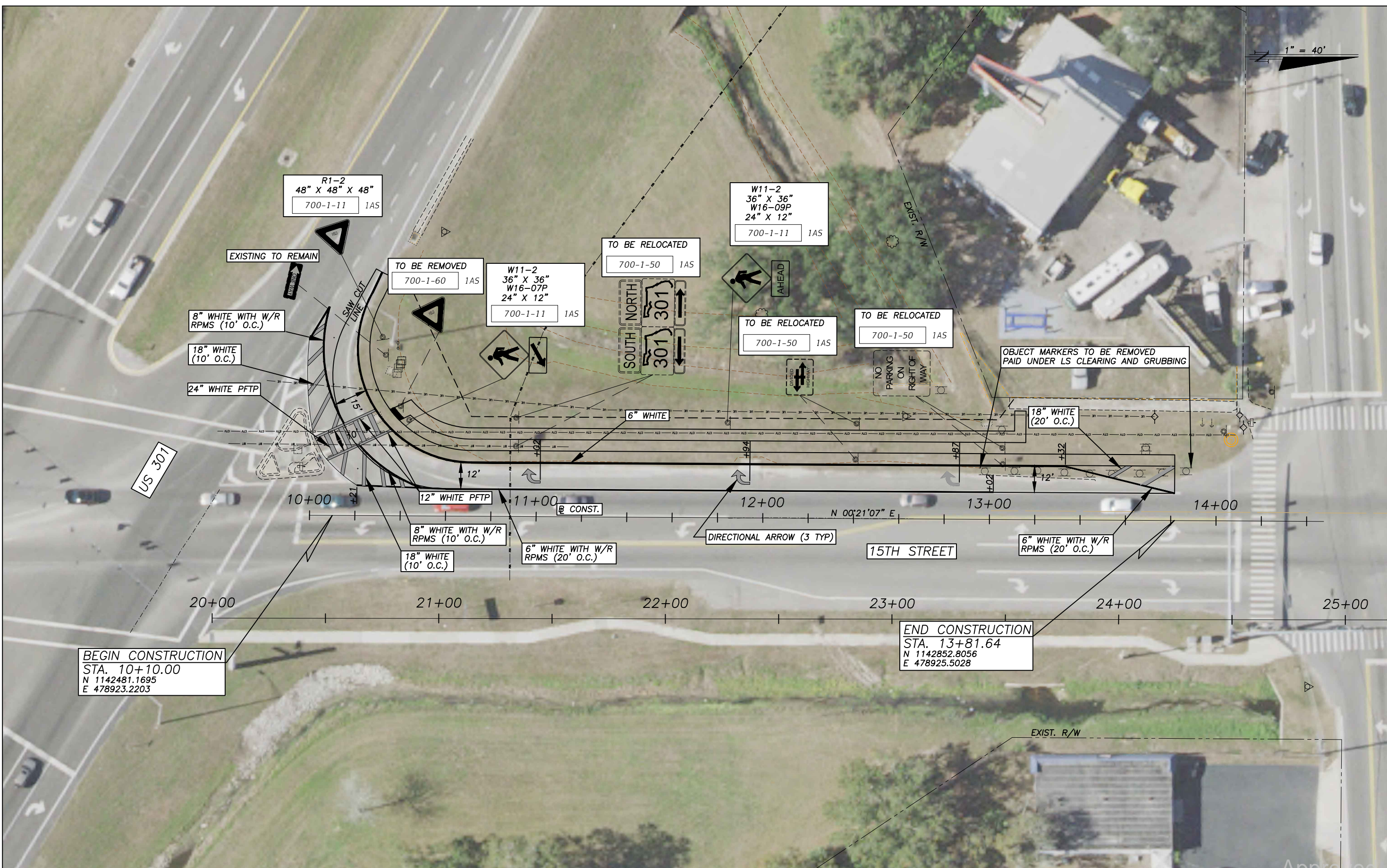


SCALE: 1"=20' HOR.
1"=10' VERT.

SCALE: AS NOTED		ROBERT N. JULIUS, P.E. P.E. NO. 54039		DATE: 04/2019	 PUBLIC WORKS DEPARTMENT ENGINEERING SERVICES 1022 26th Avenue East, Bradenton, FL 34208	DESIGN ENGINEER: ROBERT N. JULIUS, P.E.	
DRAWN BY: RNJ		AECOM TECHNICAL SERVICES, INC. 7650 WEST COURTNEY CAMPBELL CAUSEWAY TAMPA, FL 33607-1462 (813) 286-1711		PROJECT NO.: 6096460		FL. LICENSE NO.: 54039	
CHECKED BY: RNJ		CERTIFICATE OF AUTHORIZATION: 8115			15TH STREET AND US 301 CROSS SECTIONS (2)		
No.	REVISIONS	DATE	BY		Approved 2020-A-19470007 Curtis Vitt 11/18/2020		

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1" = 40'



BEGIN CONSTRUCTION
 STA. 10+10.00
 N 1142481.1695
 E 478923.2203

END CONSTRUCTION
 STA. 13+81.64
 N 1142852.8056
 E 478925.5028

No.	REVISIONS	DATE	BY

SCALE	AS NOTED
DESIGNED BY	PATRICK B. NEVAH, P.E. P.E. NO. 72369
DRAWN BY	AECOM TECHNICAL SERVICES, INC. 7650 WEST COURTNEY CAMPBELL CAUSEWAY TAMPA, FL 33607-1462
CHECKED BY	ZMH (813) 286-1711
	CERTIFICATE OF AUTHORIZATION: 8115

DATE	07/2019
PROJECT NO.	6096460



DESIGN ENGINEER	PATRICK B. NEVAH, P.E.
FL. LICENSE NO.	72369

Approved
 2020-A-194-SHEET 007
 15TH STREET AND US 301
 SIGNING AND MARKING PLAN
 11/18/2020

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

1. THE MAJOR STREET IS US 301 (MOVEMENTS 2 & 6).
2. THE MINOR STREET IS 15TH STREET (MOVEMENTS 4 & 8).
3. EXISTING SIGNAL OPERATING PLAN SHALL REMAIN

MICROWAVE VEHICLE DETECTION ASSIGNMENT		
MICROWAVE DETECTION	DETECTION ZONE	TURN DELAY TIME (SECS.)
D 1	DZ-1, DZ-6	--
	DZ-6R	5
D 2	DZ-2, DZ-5	--
	DZ-2R	5
D 3	DZ-3, DZ-8	3 (DZ-3)
D 4	DZ-4, DZ-7	3 (DZ-7)

EXIST. CONTROLLER CABINETS TO REMAIN

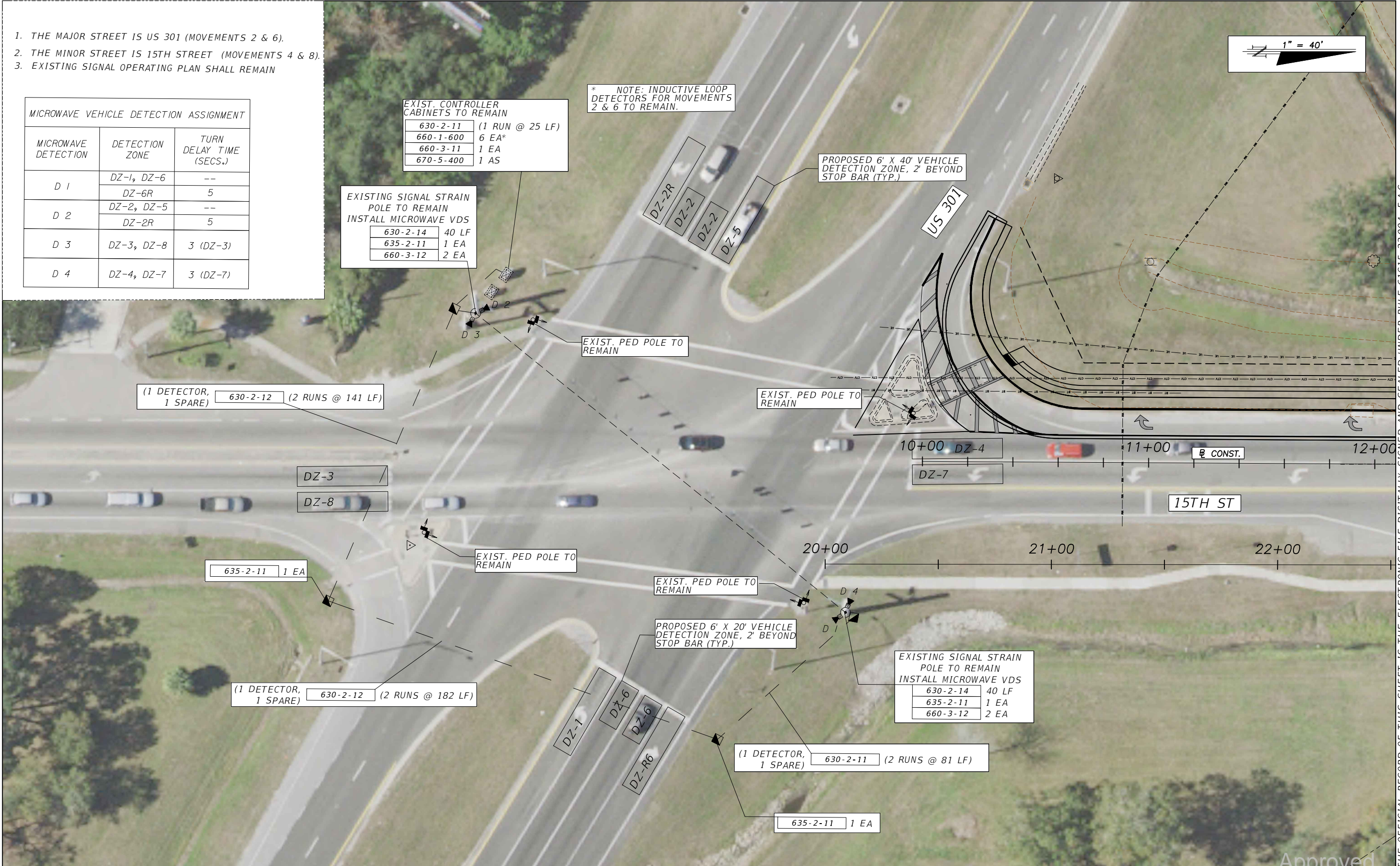
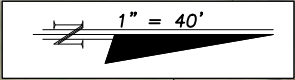
630-2-11	(1 RUN @ 25 LF)
660-1-600	6 EA*
660-3-11	1 EA
670-5-400	1 AS

* NOTE: INDUCTIVE LOOP DETECTORS FOR MOVEMENTS 2 & 6 TO REMAIN.

EXISTING SIGNAL STRAIN POLE TO REMAIN
INSTALL MICROWAVE VDS

630-2-14	40 LF
635-2-11	1 EA
660-3-12	2 EA

PROPOSED 6' X 40' VEHICLE DETECTION ZONE, 2' BEYOND STOP BAR (TYP.)



SCALE: AS NOTED		DESIGNED BY: PATRICK B. NEVAH, P.E. P.E. NO. 72369	DATE: 07/2019	 PUBLIC WORKS DEPARTMENT ENGINEERING SERVICES 1022 26th Avenue East, Bradenton, FL 34208	DESIGN ENGINEER: PATRICK B. NEVAH, P.E.	Approved 2020-A-194-SHEET 0007 15TH STREET AND US 301 SIGNALIZATION PLAN Curtis Vitt 11/18/2020
DRAWN BY: PBN		AECOM TECHNICAL SERVICES, INC. 7650 WEST COURTNEY CAMPBELL CAUSEWAY TAMPA, FL 33607-1462 (813) 286-1711 CERTIFICATE OF AUTHORIZATION: 8115	PROJECT NO.: 6096460		FL. LICENSE NO.: 72369	
CHECKED BY: ZMH						9
No.	REVISIONS	DATE	BY			

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FLORIDA DEPARTMENT OF TRANSPORTATION STORMWATER POLLUTION PREVENTION



The Law

The Federal Clean Water Act was established in 1972 to protect our waterways. As a result, the National Pollutant Discharge Elimination System (NPDES) program was developed. The NPDES permit program addresses water pollution by regulating point sources that discharge pollutants to surface waters. The Florida Department of Environmental Protection (FDEP) administers the NPDES program for Municipal Separate Storm Sewer Systems (MS4) and Construction activities.

CONSTRUCTION ACTIVITIES

➤ **Is your construction site regulated?**

Yes, if your construction activity will ultimately disturb one acre or more and has the potential to discharge stormwater to surface waters or into a MS4. Disturbance includes clearing, grading, excavation, and demolition.

➤ **What are you required to do?**

- ✓ Prepare and implement a Stormwater Pollution Prevention Plan (SWPPP)
- ✓ Submit a Notice of Intent (NOI or application) and the appropriate fee to FDEP
- ✓ Submit a Notice of Termination (NOT) to FDEP and to the local MS4 once the site meets the eligibility requirements for termination

For more information on NPDES Stormwater Construction Activities, contact FDEP for more information at (866) 336-6312 or visit <http://www.dep.state.fl.us/water/stormwater/index.htm>.

HOW CAN YOU HELP STOP STORMWATER POLLUTION?

- ✓ Do not pour oil or any chemicals down any storm drain or in the street
- ✓ Use fertilizers and herbicides carefully and only use the recommended amount*
- ✓ Report illicit discharges**
- ✓ Recycle used oil and dispose of chemicals properly. For more information on the proper disposal of wastes contact FDEP at (850) 245-8707 or visit: <http://www.dep.state.fl.us/waste/categories/hwRegulation/>
- ✓ Maintain proper sediment and erosion controls on your construction site



*Contact your County Agricultural Extension Office for answers to your pest and weed problems.				** Illicit Discharges: Report any material other than stormwater being discharged into a storm drain or into the street.	
County Agricultural Extension Office				County / FDOT Environmental Contacts	
Charlotte Co.	(941) 764-4340	Highlands Co.	(863) 402-6540	Charlotte Co.	(941) 575-3632
Collier Co.	(239) 252-4800	Lee Co.	(239) 533-7505	Highlands Co.	(863) 402-6500
DeSoto Co.	(863) 993-4846	Manatee Co.	(941) 722-4524	Lee County	(239) 533-9400
Glades Co.	(863) 946-0244	Okeechobee Co.	(863) 763-6469	Manatee County	(941) 748-4501
Hardee Co.	(863) 773-2164	Polk Co.	(863) 519-8677	Polk County	(863) 534-7377
Hendry Co.	(863) 674-4092	Sarasota Co.	(941) 861-9900	Sarasota County	(941) 861-5000
				FDOT Right of Way	(863) 519-2762
FDOT MAINTENANCE YARDS			SPILL REPORTING	State Watch Office (Spill Report Hotline typically 25 gallons or more)	(800) 320-0519
Arcadia Operations		(863) 993-4634			
Bartow Operations		(863) 519-4100			
Fort Myers Operations		(239) 985-7800			
Labelle Operations		(863) 674-4027			
Manatee Operations		(941) 708-4400			
Sebring Operations		(863) 386-6104			
For more information on NPDES stormwater regulations, please contact, FDOT District Maintenance, at (863) 519-2762					

PERMIT VOID UNLESS DOT MANATEE OPERATIONS OFFICE NOTIFIED 48 HOURS IN ADVANCE OF STARTING WORK. PHONE: (941) 708-4400

IF A LANE CLOSURE IS WITHIN THE PROJECT LIMITS, THE PERMITTEE MUST NOTIFY THE DEPARTMENT 14 DAYS PRIOR TO A LANE CLOSURE TO ALLOW THE DEPARTMENT TO INFORM THE MOTORING PUBLIC. FAILURE TO CALL MAY RESULT IN A DELAY TO BEGIN WORK.

IF NO CLOSURES ARE REQUIRED THE SARASOTA OPERATIONS OFFICE MUST BE NOTIFIED 48 HOURS IN ADVANCE OF STARTING WORK. FAILURE TO CALL MAY RESULT IN A DELAY TO BEGIN WORK.

LANE CLOSURES AND OTHER WORK MAY BE RESTRICTED BY THE FDOT DUE TO HEAVY TRAFFIC AND POTENTIAL BACKUPS CAUSED BY THIS CONSTRUCTION. NIGHT WORK MAY BE REQUIRED.

DISTRICT ONE LANE CLOSURE POLICY MAY REQUIRE WORK TO BE PERFORMED DURING NIGHT TIME HOURS DUE TO LANE ANALYSIS AND/OR LANE RESTRICTIONS.

APPLICANT IS RESPONSIBLE FOR NOTIFYING OWNERS OF ALL EXISTING AERIAL AND BURIED UTILITIES OF PROPOSED DRIVEWAY AND RESOLVING ANY CONFLICTS BEFORE CONSTRUCTION BEGINS.

IN ACCORDANCE WITH FLORIDA STATUS 335.18 PERMITTEE SHALL BE REQUIRED TO BEAR THE COST OF FUTURE ACCESS MODIFICATIONS, TRAFFIC CONTROL DEVICES OR OTHER IMPROVEMENTS, WHEN DETERMINED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION TO BE IN CONJUNCTION WITH ACCEPTED ENGINEERING PRACTICES.

ALL CONSTRUCTION AND/OR MAINTENANCE ON THE DEPARTMENT'S RIGHT-OF-WAY SHALL CONFORM TO THE FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) THE DEPARTMENT'S ROADWAY AND TRAFFIC DESIGN STANDARDS AND BRIDGE CONSTRUCTION.

PERMITTEE/CONTRACTOR MUST WAIT 30 DAYS TO ALLOW ASPHALT FRICTION COURSE TO CURE BEFORE PLACING THERMOPLASTIC STRIPING.

OUR REVIEW COMMENTS ARE NOT INCLUDED TO BE INCLUSIVE OF ALL ERRORS AND OMISSIONS. OUR COMMENTS ARE ALSO NOT INTENDED TO AFFECT THE SCOPE OF WORK OR TO BE CONTRARY TO FHWA POLICY, FDOT DESIGN CRITERIA OR SOUND ENGINEERING PRACTICE. THE CONSULTANT/ENGINEER IS SOLELY RESPONSIBLE FOR THE TECHNICAL ACCURACY, ENGINEERING JUDGEMENT, AND QUALITY OF HIS WORK.

SHALL BE RESPONSIBLE FOR COMPLIANCE WITH PERMITTED M.O.T. PLAN.

SOD ALL PORTIONS OF DISTURBED RIGHT-OF-WAY.

NOTE: ALL ABOVE GROUND APPURTENANCES TO BE LOCATED AT RIGHT-OF-WAY LINE.

DENSITY REPORTS ARE TO BE SUBMITTED PRIOR TO PLACEMENT OF PAVEMENT.

"PRIOR TO EXCAVATING CONTACT THE CLERK OF THE CIRCUIT COURT FOR POSSIBLE GASOLINE CONFLICT."

THE APPLICANT SHALL NOT, DURING AND AFTER COMPLETION OF PERMITTED CONSTRUCTION, INTRODUCE ANY FORM OR METHOD OF SITE DRAINAGE DISCHARGE INTO THE DRAINAGE FACILITIES ON THE DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY OR EASEMENT. ANY DISCHARGE SHALL BE IN VIOLATION OF THIS PERMIT.

"PERMITTEE IS CAUTIONED THAT UTILITIES MAY BE LOCATED WITHIN THE CONSTRUCTION AREA."

IT IS THE RESPONSIBILITY OF THE PERMITTEE TO DETERMINE AND COMPLY WITH ALL COUNTY AND MUNICIPAL ORDINANCES THAT ARE RELATIVE TO THE CONSTRUCTION OR OTHER ACTIVITY DESCRIBED ON THIS PERMIT AND ARE MORE STRINGENT THAN DEPARTMENT OF TRANSPORTATION REQUIREMENTS.

N.P.D.E.S. REQUIRES THAT STORM WATER CONTROL MEASURES BE IMPLEMENTED ON ANY PROJECT ON PUBLIC TRANSPORTATION FACILITY RIGHTS-OF-WAY INCLUDING, BUT NOT LIMITED TO MEASURES DESCRIBED IN F.D.O.T. STANDARD DESIGN INDEX DRAWING NUMBERS 102, 103 AND 104.

"IF CONSTRUCTION, RECONSTRUCTION, REPAIR OR MAINTENANCE ACTIVITY NECESSITATES THE CLOSING OF ONE OR MORE TRAVEL LANES OF ANY ROAD ON THE STATE PRIMARY, COUNTY ROAD OR CITY STREET SYSTEM, FOR A PERIOD OF TIME EXCEEDING TWO HOURS, THE PARTY PERFORMING SUCH WORK WILL BE RESPONSIBLE TO GIVE NOTICE TO THE APPROPRIATE LOCAL LAW ENFORCEMENT AGENCY WHICH HAS JURISDICTION WHERE SUCH ROAD IS LOCATED PRIOR TO COMMENCING WORK ON THIS PROJECT"
335.15 F.S.91, 336.048 F.S.91



Approved
2020-A-194-00007
Curtis Vilt
11/18/2020