

1112 Manatee Avenue West Bradenton, FL 34205 purchasing@mymanatee.org

Solicitation Addendum

Addendum No.:	1
Solicitation No.:	23-TA004710ED
Project No.:	6092270
Solicitation Title:	Franklin Ave & US 301 North Watermain Replacement
	Project
Addendum Date:	June 2, 2023
Procurement Contact:	Emily Diaz, Procurement Agent III

IFBC 23-TA004710ED is amended as set forth herein. Responses to questions posed by prospective bidders are provided below. This Addendum is hereby incorporated in and made a part of IFBC 23-TA004710ED.

The deadline to submit all inquiries concerning interpretation, clarification or additional information pertaining to this IFBC was May 26, 2023.

REPLACE:

SECTION B, BID FORMS, APPENDIX K BID, PRICING FORM

Replace Appendix K, Bid Pricing Form with Appendix K, Bid Pricing Form Revised issued with this Addendum No. 1 and available to download as a separate attachment.

ADD:

BID ATTACHMENT 4, FDOT PERMIT PLANS

Bid Attachment 4, FDOT Permit Plans issued with this Addendum No. 1.

QUESTIONS AND RESPONSES:

Q1. I am inquiring to ask if there is a cost estimate or budget associated with the Franklin Ave & US 301 North Watermain Replacement Project.

R1. The Engineer's opinion of probable construction cost is \$308,365.60.

Q2. What permits will the contractor be required to obtain for pay item # 31?

R2. All applicable permits to work within the FDOT Right-of-way including but not limited to Maintenance of Traffic or Dewatering discharge.

Q3. Does the County have a budget for this project?

R3. The Engineer's opinion of probable construction cost is \$308,365.60.

Q4. Will the contractor be able to close Franklin Avenue and detour traffic to complete the work on Franklin?

R4. Franklin Ave can be closed and could detour traffic. Access cannot be denied to the medical facility and must always be maintained.

Q5. Plan Sheet # 6 calls out a single long side service to be installed at station 306+86. Is open cut of the road way acceptable? Please clarify.

R5. Yes, open cut is acceptable.

Q6. Will the proposed water line tie ins be able to be completed in daytime working hours?

R6. No, a nighttime tie-in is required due to the medical facility always needing potable water.

Q7. Bid item # 20- Pole holding allowance has a quantity of 1 each. Should this be changed to LS, as there is more than 1 location called out on the plans?

R7. Appendix K – Bid Pricing Form has been revised.

Q8. Are the proposed water line improvements on plan sheet # 4 at station 206+79 within the FDOT ROW? If so, does the County have an FDOT permit for this project?

R8. Yes, the County has the FDOT permit. See Bid Attachment 4 – FDOT Permit Plans. Once awarded, County will notify FDOT of commencement of work.

Q9. Plan sheet # 9 / detail UG-12 lists all asphalt to be a marshal mix. Therefore, the contractor will not be required to factor in any FDOT-SP or FC asphalt mixes for items 23 & 24, correct? Please clarify.

R9. Per plan sheet 6, the new water main and tee will be installed under FDOT Right-of-Way. All asphalt & road restoration must be consistent with FDOT standards with 50ft of FDOT Right-of-way work, which is an approximate range from STA 305+80 to STA 306+30. All work from STA 306+30 to STA 307+20 must adhere to UG-12. The contractor must take all factors into consideration when submitting their bids, including FDOT and County details.

Q10. On plan sheet # 4 from roughly station 207+10 to station 208+10 there are brick pavers that looks like they will have to be removed and replaced during the installation of the proposed 6" water line. How is this work being paid for?

R10. This area is technically a sidewalk and will be paid under line item number 26.

Q11. There are concrete driveways that will be impacted during the proposed water line installation. Plan Sheet # 9 / detail UG-14 is listed. I do not see a 6" concrete driveway pay item or any quantities. Will one be added?

R11. The only driveway affected by the project is the asphalt driveway into the medical facility just north of the intersection of Franklin Ave & US-301N. This will be paid under line item, 22 &

23, depending on the work. No driveway restoration pay item will be added. The concrete aprons along the sidewalk on the north side of US-301 N will be paid under line item 26.

Q12. Pay item # 29 lists vegetation and tree removal. What trees are the EOR calling out to be removed? Please clarify.

R12. This is for incidental purposes only. A possible tree that could affect construction is at STA 211+08 near the watermain and new service installation.

NOTE:

Deleted items will be struck through, added or modified items will be <u>underlined</u>. All other terms and conditions remain as stated in the IFBC.

INSTRUCTIONS:

Receipt of this Addendum must be acknowledged as instructed in the solicitation document. Failure to acknowledge receipt of this Addendum may result in the response being deemed non-responsive.

END OF ADDENDUM

AUTHORIZED FOR RELEASE

IFBC 23- PROJEC	DIX K - BID PRICING FORM REVISED TA004710ED T NAME: FRANKLIN AVE & US-301 N WATERMAIN REPLA T NUMBER: 6092270	,	BID BASED ON 180 CALENDAR DAYS		BID BA 270 CALEN		
LINE NO.	DESCRIPTION	EST. QTY	U/M	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
	PIPE						
1	2" Watermain PVC	255	LF		\$ -		\$-
2	4" WatermainPVC	5	LF		\$ -		\$ -
3	4" Watermain DIP	8	LF		\$ -		\$-
4	6" Watermain DIP	596	LF		\$ -		\$-
	FITTINGS	T	1			Γ	
5	4" 45 degree DIP bends	2	EA		\$ -		\$ -
6	6" 90 degree DIP bends	2	EA		\$-		\$ -
7	DIP 6" x 6" x 6" Tee	2	EA		\$ -		\$-
8	6" x 4" Reducer	2	EA		\$ -		\$ -
9	2" FIP x 2"MIP Coupling	1	EA		\$ -		\$-
10	4" DI Tapped Cap	1	EA		\$ -		\$-
11	4" PVC Cap	1	EA		\$ -		\$-
12	4" Gate Valve	1	EA		\$ -		\$-
13	6" Gate Valve	5	EA		\$-		\$ -
	SERVICES	1	1			1	
14	Water Service - Short Single	1	EA		\$ -		\$-
15	Water Service - Short Double	1	EA		\$ -		\$ -
16	Water Service - Long Single	1	EA		\$ -		\$-
17	1" Backflow Preventer	3	EA		\$ -		\$-

	TIE-INS							
18	Connect to existing 4" Waterline	1	EA		\$ -		\$	-
19	Connect to existing 6" Waterline	1	EA		\$ -		\$	-
	SITE AND SAFETY CONTROLS		T					
20	Pole Holding Allowance	1	LS		\$ -		\$	-
21	Traffic Control	1	LS		\$ -		\$	-
	RESTORATION AND CLEAN-UP							
22	Sodding	300	SY		\$ -		\$	-
23	Asphalt Road Restoration (mill & overlay)	300	SY		\$ -		\$	-
24	Asphalt Road Restoration (Full repair including base)	203	SY		\$ -		\$	-
25	Thermoplastic Striping	1	LS		\$ -		\$	-
26	Sidewalk Demo & Repalcement	445	SY		\$ -		\$	-
27	Grout Fill Abandoned Pipe	1	CY		\$ -		\$	-
	SUB-TO	OTAL BAS	SE BID					
28	Mobilization	1	LS		\$ -		\$ -	
29	Miscellaneous Vegation and Tree Removal	1	LS		\$ -		\$-	
30	Record Drawings	1	LS		\$-		\$-	
31	Permits	1	LS		\$ -		\$-	
	Contract Contingency (Used only with C	County Ap	proval)	10%		10%		
	TOTAL CONTRACT AWARD (Including 10% Contr	ract Contin	ngency)					

Authorized Signature(s):

Name and Title of Above Signer(s):

Date:

*To be considered responsive, it is the sole responsibility of the bidder to correctly calculate and manually enter all sub-total, contingency, and total bid price fields.

applicant.

PERMIT NO: 2021-H-194-00535

STATE ROAD INFORMATION State Road No: **Beginning Mile Post: Ending Mile Post: County:** Section: 13020000 SR 43 3.083 3.083 Manatee APPLICANT INFORMATION The Utility Agency Owner (UAO) shall be identified in this Applicant Information Box. When the UAO is a City or County and desires to have the Utility Builder make a joint permit applicant, as prescribed in Section 2.1(4) of the 2017 Utility Accommodation Manual (UAM), the Utility Builder shall also be identified in this Applicant Information Box. A Utility Builder alone cannot apply for a utility permit without the City or County adding them as a joint Utility Agency/Owner (UAO) Utility Builder (only applicable when the UAO is a City or County) Manatee County Name: Name: Manatee County Contact Person: Contact Person: 1022 26th Avenue East Address: Address: Bradenton City: City: Florida State: State: 34208 Zip: Zip: (941) 708-7450 ext. Telephone: Telephone: scott.may@mymanatee.org Email: Email: WORK DESCRIPTION The Applicant(s) requests permission from the Florida Department of Transportation (FDOT) to construct, operate, and maintain the utilities as described below and as depicted in the incorporated documentation. Franklin Ave & US-301 Water Main Replace- Installation of watermain along north side of US-301 in Ellenton, FL. Will also directional drill under US-301 at approximately mile marker 2.90

Utility Work No: Additional sheets are attached and are incorporated into this permit Yes No 🗌

TRAFFIC CONTROL (TCP)

For FDEP certification, the FDOT agency report is attached in accordance with UAM Section 2.4.1 (13) Yes

■ The TCP will comply with the following 600 series			tion 2.4.2.	
MOT Technician's contact information (may be supp	lied at the two	o (2) business day notification to FDC	OT):	matt.merucci@mymanatee.org
Name: Matt Merucci	Telephone	(941) 708-7450 ext. 7342	Email:	

COMMENCEMENT OF WORK

The UAO and/or Utility Builder shall commence actual construction in good faith within sixty (60) calendar days after approval of the permit application. If the beginning date is more than sixty (60) calendar days from the date of approval, the UAO and/or Utility Builder must review the permit with the FDOT Approving Engineer listed to make sure no changes have occurred to the transportation facility that would affect the permit's continued approval. The UAO and/or Utility Builder shall make good faith efforts to expedite the work and complete the work within the calendar days indicated.

2/1/2022 Anticipated Start Date:

365 Calendar days needed to completed:

nnroved 2021-H-194-00535 urtis

No 🔽

Florida Department of Transportation **UTILITY PERMIT**

PERMIT NO: 2021-H-194-00535

APPLICANT SIGNATURE

shown in plans and incorpor instructions incorporated int aerial and underground, are declares that a letter of notif	ated documents, in compliance with the UAM, o this permit. The UAO and/or Utility Builder d accurately shown on the plans of the work areas	uct, operate, and maintain the work as noted in the above Work Description, all instructions noted in the FDOT Special Instructions Box, and special eclares, the location of all existing utilities that it owns or has an interest in, both . In accordance with UAM Section 2.8, the UAO and/or Utility Builder further lities within the work areas and that those listed below are the only facility				
Date Notified:	Name of other facility owners (attach addition	onal sheets if necessary).				
8/5/2020	Florida Power and Light					
8/5/2020	TECO					
8/5/2020	Charter Communications					
8/5/2020	Frontier					
8/5/2020	Verizon					
U	itility Agency/Owner	Utility Builder (when applicable)				
Signature: SCOTT MAY (d	ligital signature) Date: 11/12/2021	Signature:Date:				
Name (printed): SCOTT	Name (printed): SCOTT MAY Name (printed):					
Title:		Title:				

FDOT PROJECT INFORMATION

Pursuant to UAM Section 2.1(10), the utility work is within FDOT projects listed below and must have a Utility Work Schedule for each project approved prior to commencement of work within the FDOT project limits: FDOT construction is proposed or underway. Refer to Financial Project Id: *

1.) Your project falls within the limits of the Manatee County Advanced Traffic Management System (ATMS). The Manatee County ATMS is owned by the FDOT while the County operates and maintains the system as part of the Traffic Signal Mainténance and Compensation Agreement. The ATMS infrastructure within this

FDOT SPECIAL INSTRUCTIONS

In accordance with UAM Section 2.7, FDOT incorporates the below and attached special instructions into this permit. 1.) Permit shall be rendered VOID if Manatee Ops Permits is not NOTIFIED A MINIMUM OF TWO (2) BUSINESS DAYS PRIOR TO STARTING WORK. Phone: 941-708-4400. Email: curtis.vilt@dot.state.fl.us. Provide permit number and contact information.

2.) If LANE CLOSURE(S) for this Permit are required, the Permittee MUST NOTIFY THE DEPARTMENT TWO WEEKS PRIOR TO STARTING THE LANE CLOSURE. Valerie Everts, 941-

Additional FDOT Special Instructions are attached and incorporated into this permit. Yes 🗌 No 🗹

2021-H-194-00535 **Curtis Vilt** 11/29/2021

PERMIT APPROVAL

By signature below, FDOT gives permission to the UAO and /or Utility Builder to construct, operate, and maintain the utilities indicated in this Utility Permit in compliance with the UAM, all incorporated documents, and special instructions. Any changes to the approved work must be approved by the FDOT's Approving Engineer and attached and incorporated into this permit in accordance with UAM Section 2.11.

Approving Engineer: Curtis Vilt (digital signature) Name: Curtis Vilt							
Title: MAINTENANCE MA	NAGER/PER	MITS					
Notification of Utility Work to be provided to:	Telephone	(941) 708-4400 ext or Email:curtis.vilt@dot.state.fl.us					
An FDOT	Representative is r	equired to be present on the worksite prior to commencement of work. Yes 🗌 No 🗌					
Rep. Name:	_ Telephone	Email:Approved					

Rule 14-46.001 F.A.C. Page 3 of 3

Florida Department of Transportation UTILITY PERMIT

PERMIT NO: 2021-H-194-00535

CERTIFICATION

documents, and special instruct	ctions. Pursuant to UAM S	ection 2.11, all changes	have been approv	nd inspected in compliance with the UAM all incorporated ved by the FDOT's Approving Engineer and incorporated langes, as-built plans or other required documentation.
I also CERTIFY that work began.	gan on	and was completed on		_ and that the area was left in as good or better condition
U	tility Agency/Owner			Utility Builder (when applicable)
Signature:	Date		Signature:	Date
Name (printed):			Name (printed): _	
Title:			Title:	

FINAL INSPECTION OF WORK

	The work was inspected and found to be in non-compliance as noted below:	
	All issues of non-compliance listed above have been brought into compliance and/or FDOT has no outstanding issues that need to be addressed by the UAO and/or Utility Builder. However, this final inspection does not release the UAO and/or Utility Builder of their continuing responsibilities pursuate to Rule 14-46.001, the UAM, all incorporated documents, and special instructions.	
FDO	T Inspector: Date:	
	Name:	
	Title:	

Approved 2021-H-194-00535 Curtis Vilt 11/29/2021

PERMIT NO .:	2021-H-194-00535
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STATE ROAD INFORMATION:

NAME OF OTHER FACILITY OWNERS / DATE NOTIFIED:

FDOT PROJECT INFORMATION:

FDOT construction is proposed or underway. Refer to Financial Project Id: *

1.) Your project falls within the limits of the Manatee County Advanced Traffic Management System (ATMS). The Manatee County ATMS is owned by the FDOT while the County operates and maintains the system as part of the Traffic Signal Maintenance and Compensation Agreement. The ATMS infrastructure within this project's limits includes underground fiber optic communication infrastructure along US 301. I have attached the as-built plans to this comment for your information.

2.) Based on the permit plans, it appears this project will be installing underground infrastructure near the existing ATMS infrastructure. It is the responsibility of this project's contractor to avoid conflicts with the existing underground ATMS infrastructure by, at minimum, locating the facilities prior to installing the new underground infrastructure. Any impacts to the existing ATMS infrastructure that were not identified in this review are the responsibility of the permittee to resolve within this project.

3.) Item Segment Search indicates this permit falls within the limits of FDOT Project: - # 438062-1 . RESURFACE. This work is NOT related to an approved Utility Work Schedule.

THE WORK WAS INSPECTED AND FOUND TO BE IN NON-COMPLIANCE AS NOTED BELOW:

Approved 2021-H-194-0053

11/29/20

PERMIT NO.: 2021-H-194-00535

The complete special instructions could not fit in the space allotted on Page 2 of the Utility Permit so they are displayed below.

Special FDOT Instructions

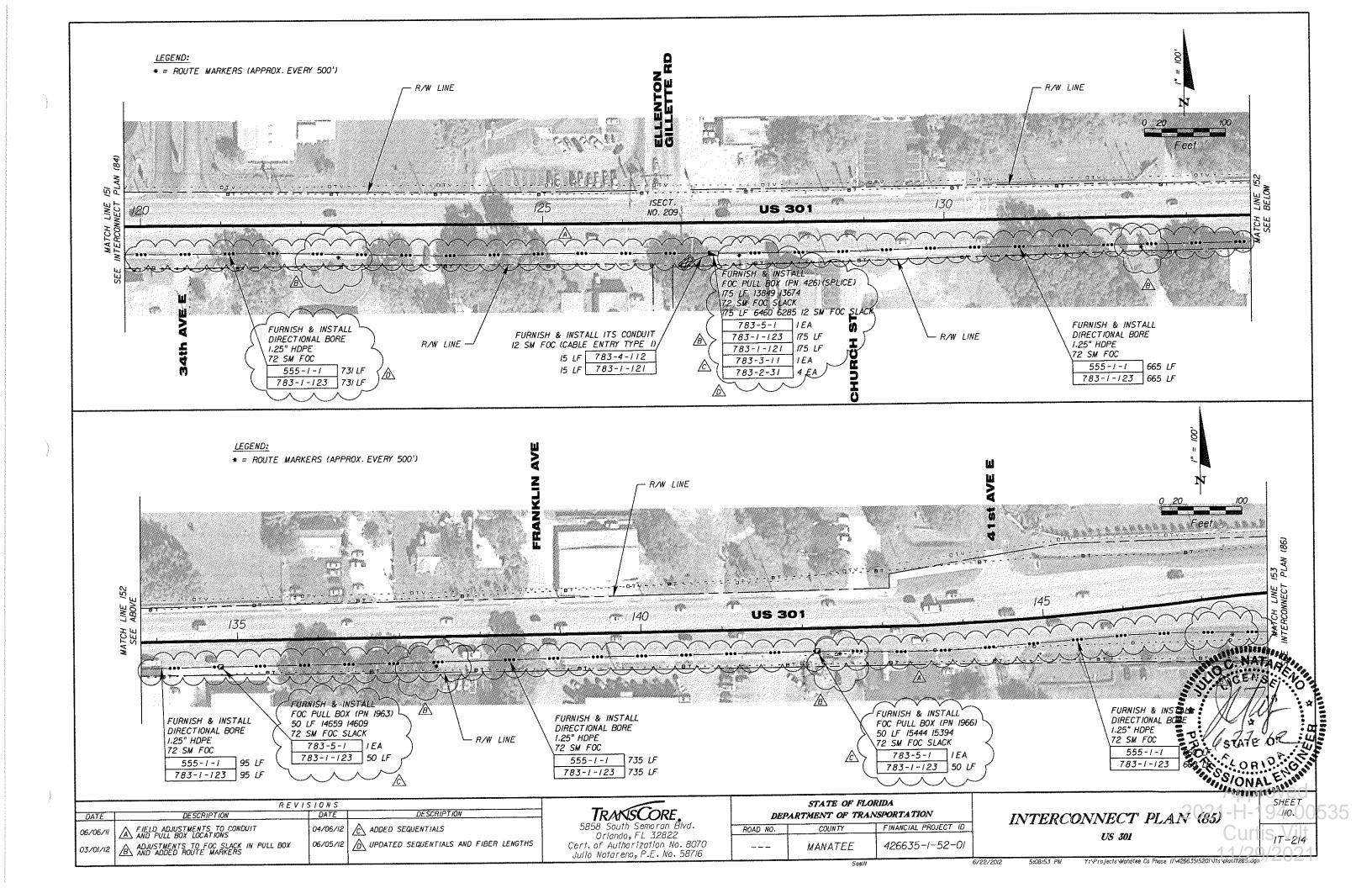
1.) Permit shall be rendered VOID if Manatee Ops Permits is not NOTIFIED A MINIMUM OF TWO (2) BUSINESS DAYS PRIOR TO STARTING WORK. Phone: 941-708-4400. Email: curtis.vilt@dot.state.fl.us. Provide permit number and contact information.

2.) If LANE CLOSURE(S) for this Permit are required, the Permittee MUST NOTIFY THE DEPARTMENT TWO WEEKS PRIOR TO STARTING THE LANE CLOSURE. Valerie Everts, 941-708-4433. Email: Valerie.everts@dot.state.fl.us . FAILURE TO COMPLY MAY RESULT IN DELAY TO START WORK

3.) If Permit work is being proposed during a FDOT Construction Project, it will be the responsibility of the Permittee to coordinate with the FDOT's Contractor.

4.) All disturbed areas within the ROW SHALL BE RESTORED with Sod within SEVENTY-TWO (72) HOURS of completion of work.

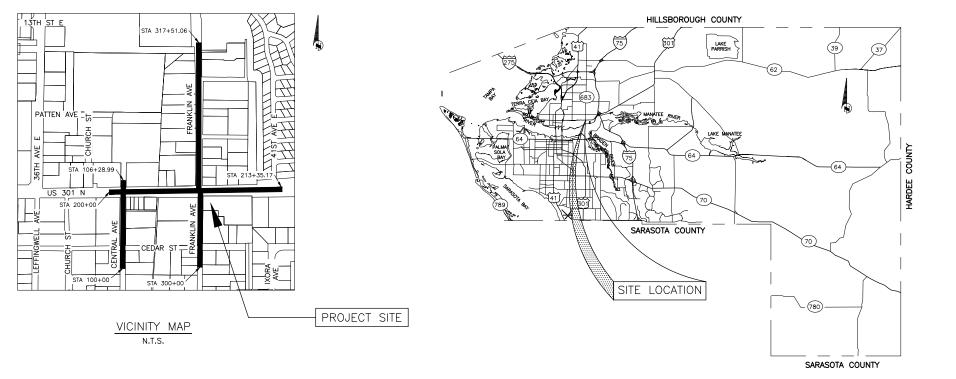
Approved 2021-H-194-00535 Curtic Vilt





FRANKLIN AVE & 301 NORTH WATERMAIN PROJECT CIP# 6092270

SEPTEMBER 2021



NO.	
1	COVER
2	NOTES
3	KEY SH
4	US 301
5	US 301
6	US 301

PROJECT DESCRIPTION

REPLACE APPROXIMATELY 2,800 FT OF 6" & 2" DIA WATERMAIN TO IMPROVE FIRE PROTECTION AND WATER QUALITY.

		ZAG		
FDOT PERMIT PLANS		FRANKLIN AVE & 301 NORTH	WATER MAIN REPLACEMENT PROJECT	FDOT COVER
	1	DATE		670 1
INDEX OF SHEETS	i	à		
S				
SHEET		NOILdia		2004 E.C.
01 CROSSING		REVISION DESCRIPTION		
01		REVISION		6092270
				50033
		PROJECT #	404	-6092270
		SURVEY #		77-0043
		SEC./TWN./F	RGE 17-	-34S-18E
		JONEL	BY	DATE
		SURVEYED DESIGNED	JTP AG	08/2018
	_	DRAWN	AG	02/2021
	C		AG	02/2021
	An	ALEJANDR	00	162, P.E. 79278
Know what's below 21	-H-	194	-00)535
Call before you dig	Cur	tis	iture & I	Date
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- Jup

GENERAL

- ALL CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH THE PROJECT MANAGEMENT DIVISION. THE PROJECT MANAGER IS: ALEX GONZALEZ AND CAN BE REACHED AT 941-708-7450.
- SITE VISITS ARE MANDATORY FOR ALL BIDDERS
- 3. ALL CONSTRUCTION ON THIS PROJECT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF MANATEE COUNTY UTILITY AND RANSPORTATION STANDARDS AND/OR FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRU EDWICE INDICATED ON THE PLANS.
- . THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL CONDITIONS AND REQUIREMENTS OF ALL PERMITS AND ALL GOVERNING FEDERAL, STATE, AND LOCAL AGENCIES. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS THAT ARE NOT PROVIDED IN THE BID DOCUMENTS, AT NO ADDITIONAL COST TO THE OWNER.
- THE INFORMATION PROVIDED IN THESE PLANS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATION THEY MAY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH THEIR BIDS WILL BE BASED.
- THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS ON THE PLANS AND REVIEW ALL FIELD CONDITIONS THAT MAY AFFECT CONSTRUCTION. SHOULD DISCREPANCIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO OBTAIN THE ENGINEER'S CLARIFICATION BEFORE COMMENCING WITH CONSTRUCTION.
- AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE CALL OF FLORIDA AT 1-800-432-4770 OR THE NATIONAL 811 ONE CALL NUMBER WHEN APPLICABLE FOR UTILITY LOCATIONS. THE CONTRACTOR SHALL RESPONSIBLE FOR COORDINATING WITH ALL UTILITIES FOR THE POSSIBLE RELOCATION OR THE TEMPORARY MOVEMENT OF ANY EXIST UTILITIES WITHIN THE RIGHTS-OF-WAY.
- NO WORK, EXCEPT FOR EMERGENCY TYPE, SHALL BE PERFORMED AFTER 7:00 PM AND BEFORE 7:00 AM. FOR ADDITIONAL PROJECT RESTRAINTS, REFER TO SECTION 01310 OF THE SPECIFICATIONS.

SAFETY

- 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE FLORIDA TRENCH SAFETY ACT, 90-96, LAWS OF FLORIDA EFFECTIVE OCTOBER 1, 1990 AND THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION EXCAVATION SAFETY STANDARDS, 29 CFR 1926.650, SUBPART P, AS AMENDED. THE CONTRACTOR SHALL INCLUDE IN THE TOTAL BID PRICE ALL COSTS FOR COMPLIANCE WITH THESE REGULATIONS
- 10. THE CONTRACTOR SHALL USE SHEET PILING, SHEETING, BRACING, ETC., AS REQUIRED IN ALL EXCAVATION AREAS AND CONFORM TO ALL OSHA REQUIREMENTS
- 1. THE CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND UTILITIES, POWER LINES, ETC.
- 12. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THIS EXCLUSION DOES NOT ALLEVIATE THE CONTRACTOR FOR PROVIDING A CONTINUOUS SAFE WORKSPACE.

ENVIRONMENTAL

- 13. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY STORM WATER, EROSION, AND SEDIMENTATION CONTROL MEASURES IN ACCORDANCE WITH THE FORP "FLORIDA STORM WATER, EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL", IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTROL AND PREVENT EROSION AND TRANSPORT OF SEDIMENT TO SURFACE DRAINS AND TO DITCHES DURING CONSTRUCTION.
- 14. STOCKPILES SHALL BE PROTECTED AT ALL TIMES BY ON-SITE DRAINAGE CONTROLS WHICH PREVENT EROSION OF THE STOCKPILED MATERIAL. CONTROL OF DUST FROM SUCH STOCKPILES IS REQUIRED, DEPENDING UPON THEIR LOCATION AND THE EXPECTED LENGTH OF TIME THE STOCKPILES WILL BE PRESENT. IN NO CASE SHALL ANY STOCKPILED MATERIAL REMAIN AFTER THIRTY (30) CALENDAR DAYS.
- 5. STORM WATER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY SEDIMENT TRAPS SUCH AS SECURED HAY BALES, SOD. STONE, ETC., WHICH SHALL BE MAINTAINED AND MODIFIED AS REQUIRED BY CONSTRUCTION PROGRESS, AND WHICH MUST BE APPROVED BY THE ENGINEER BEFORE INSTALLATION. THIS WILL BE MAINTAINED TO PREVENT DEGRADATION OF THE WATERS OF THE COUNTY AND STATE.
- 6. SEDIMENT BASINS AND TRAPS, PERIMETER BERMS, SEDIMENT BARRIERS, VEGETATIVE BUFFERS, AND OTHER MEASURES INTENDED TO TRAP SEDMENT BADY AND INFS, FERMELER BERMS, SEDMENT BARRENS, VEDERAIVE BUTCHS, AND UNDER MEASURES INTENDED TO TRAF-SEDMENT AND/OR PREVENT THE TRANSPORT OF SEDMENT ONTO ADJACENT PROPERTIES, OR INTO EXISTING BODIES OF WARER, MUST BE INSTALLED, CONSTRUCTED, OR IN THE CASE OF VEDERATIVE BUFFERS, PROTECTED FROM DISTURBANCE, AS A FIRST STEP IN THE LAND ALTERATION PROCESS. SUCH SYSTEMS SHALL BE FULLY OPERATIVE BUFFERS, PROTECTED FROM DISTURBANCE, AS A FIRST STEP IN THE LAND STRUCTURES INCLUDING BUT NOT LIMITED TO BERMS, EARTH FILTERS, DAMS OR DIKES SHALL BE STABILIZED AND PROTECTED FROM DRAIN DAMAGE OR FROSION WITHIN ONE (1) WEEK OF INSTALLATION. RAINAGE
- 17. ALL SWALES, DITCHES, AND CHANNELS LEADING FROM THE SITE SHALL BE PROTECTED FROM SILTATION AND EROSION DURING CONSTRUCTION THREE (3) DAYS OF EXCAVATIO
- 18. SOIL DISPLACED BY CONSTRUCTION WILL BE REMOVED. EROSION CONTROL SHALL BE IMPLEMENTED IN AREAS WHICH ARE CONSIDERED ENVIRONMENTALLY SENSITIVE. EROSION CONTROL SYSTEMS SHALL BE REQUIRED FOR ALL WORK WITHIN JURISDICTIONAL AREAS. THESE SYSTEMS MAY INCLUDE STAKED HAY BALES, SILT SCREENS, FILTER FABRIC, AND TURBIDITY SCREENS.
- 19. ALL EROSION AND POLLUTION CONTROL DEVICES SHALL BE CHECKED REGULARLY, ESPECIALLY AFTER EACH RAINFALL AND SHALL BE CLEANED OUT AND/OR REPAIRED AS REQUIRED
- 20. THE CONTRACTOR SHALL NOT ENTER UPON OR IN ANY WAY ALTER WETLAND AREAS THAT MAY BE ON OR NEAR THE CONSTRUCTION SITE. ALL WORK IN THE VICINITY OF OPEN WATER AND/OR WETLANDS IS TO BE PERFORMED IN COMPLIANCE WITH THE ENVIRONMENTAL REGULATIONS AND/OR PERMITS FOR THE SITE. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY FINES RESULTING FROM HIS VIOLATION OF ANY REGULATIONS OR PERMIT CONDITIONS.
- 21. FOR MORE INFORMATION. SEE THE EROSION CONTROL DETAIL SHEET INCLUDED IN THE PLANS.

RIGHT-OF-WAY

- 22. ALL CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO WITHIN THE MANATEE COUNTY/FDOT RIGHT-OF-WAY AND/OR FASEMENTS SHOWN ON THE
- 23. THE CONTRACTOR SHALL EMPLOY A LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA TO REFERENCE AND RESTORE PROPERTY CORNER MONUMENTS, PINS, AND LANDMARKS THAT MAY BE DISTURBED BY CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
- 24. THE CONTRACTOR, PRIOR TO CONSTRUCTION AND RESTRICTING ANY TRAFFIC, MUST OBTAIN A RIGHTS-OF-WAY USE PERMIT AND A TRAFFIC CONTROL PLAN. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FROM OTHER GOVERNMENTAL AGENCIES HAVING RELEVANT JURISDICTION. ALL MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF THE CURRENT FLORIDA DEPARTMENT OF TRAFFICANTION "MANUAL OF TRAFFIC CONTROL ON SAFE PRACTICES". A TRAFFIC CONTROL PLAN SHALL BE SUPPLIED BY THE CONTRACT AT THE PRE-CONSTRUCTION MEETING.
- 25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ALL DAMAGED STORM WATER STRUCTURES, PIPING, ENTRANCE PIPE AND HEADWALLS WHETHER SHOWN ON THE PLANS OR NOT. THE HEADWALLS SHALL BE REPLACED IN ACCORDANCE WITH F.D.O.T. STANDARDS.
- 26. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH IN THE FIELD THE RIGHT-OF-WAY LINES, BASE LINES, BENCH MARKS (ELEV.), CENTER LINES, AND STATIONING AS REQUIRED TO CONSTRUCT THIS PROJECT.
- 27. THE CONTRACTOR SHALL COORDINATE THE CUTTING OF DRIVEWAYS WITH THE PROPERTY OWNER PRIOR TO CUT. ALL DRIVEWAYS WILL BE IN PASSABLE CONDITION AT THE END OF THE WORK DAY AND FULLY RESTORED PER SECTION 02575.
- 28. A RIGHT OF ENTRY AGREEMENT SHALL BE OBTAINED BY THE PROJECT MANAGER FROM THE PROPERTY OWNER BEFORE ANY DRIVEWAY CONSTRUCTION WORK IS DONE OUTSIDE OF THE RIGHT-OF-WAY OR EASEMENT.

UTILITIES

- 23. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. THERE MAY BE OTHER IMPROVEMENTS, UTILITIES, ETC. WHICH ARE WITHIN THE PROJECT AREA AND WHICH HAVE NOT BEEN LOCATED OR IDENTIFIED, MAY NOT BE IN THE EXACT LOCATION SHOWN OR RELOCATED SINCE THE PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIFY, PRIOR TO CONSTRUCTION, THE LOCATIONS, ELEVATIONS AND DIMENSIONS OF ALL EXISTING UTILITIES STRUCTURES AND OTHER FRATURES (WHITHER OR NOT SHOWN ON THE LOCATIONS, ELEVATIONS AND DIMENSIONS OF ALL EXISTING UTILITIES TO BE EXTENDED, CROSSED OR CONNECTION POINTS SHALL BE EXPOSED PRIOR TO CONSTRUCTION TO VERIFY LOCATION AND ELEVATION. ANY DISCREPANCIES OR CONFLICTS FOUND SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR RESOLUTION.
- 30. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, WATER AND SEWER LINES, STORM DRAINS, UTILITIES, DRIVEWAYS, SIDEWALKS, SIGNS, MAIL BOXES, FENCES, ITREES, LANDSCAPING, AND ANY OTHER IMPROVEMENT OR FACILITY IN THE CONSTRUCTION AREA. THE CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY DAMAGED ITEM DUE TO HIS CONSTRUCTION ACTIVITIES TO EQUAL OR BETTER THAN PRE-CONSTRUCTION CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
- 31. ANY TEMPORARY SHUTDOWNS FOR MODIFICATIONS OF EXISTING UTILITY SYSTEMS THAT MUST REMAIN IN SERVICE DURING CONSTRUCTIONS SHALL BE KEPT TO A MINIMUM AND SHALL BE COORDINATED WITH AND APPROVED BY THE MANATEE COUNTY UTILITY OPERATIONS DEPARTMENT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. IT IS NOTED THAT TEMPORARY SHUTDOWNS MAY BE RESTRICTED TO CERTAIN HOURS AT ANY TIME OF THE DAY OR NIGHT AND WILL BE COMPLETED AT NO ADDITIONAL COST TO THE OWNER.
- 32. FOR WORK BEING DONE ON EXISTING SANITARY SEWER LINES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE FLOW OF ALL SEWAGE DURING CONSTRUCTION, WHICH MAY REQUIRE BY-PASS PUMPING AND/OR PUMPER TRUCKS. THE CONTRACTOR SHALL SUBMIT A DETAILED BY-PASS PUMPING PLAN PER SECTION 02720.
- 33 ALL WATER SERVICES TO BE INSTALLED OR MODIFIED ON PRIVATE PROPERTY THAT REQUIRE & PLUMBING PERMIT. L WALER SERVICES ID BE INSIALED OR MOUTED ON PRIVATE PROPERTY THAT REQUIRE A PLOMBING PERMIT; THE CONTRACTOR'S FULMMEER SHALL INSTALL A REDUCED PRESSURE (RP) TYPE BACKFLOW PREVENTION ASSEMBLIES (BPA'S) EQUIPPED WITH A PRESSURE RELIEF VALVE AT THE POTABLE WATER METER WHENEVER ANY OF THE FOLLOWING CONDITIONS EXIST AT A PROPERTY •IN-GROUND IRRIGATION SYSTEM, SECONDARY SOURCE OF WATER (I.E. RECLAIMED WATER OR WELL).
 - SWIMMING POOL

•FIRE SPRINKLER SYSTEM. FLOOD ZONE DESIGNATION •PROPERTY THAT ABUTS OR INCLUDES A BODY OF WATER (INCLUDING RIVER, BAY, LAKE OR POND), •SOLAR WATER HEATING SYSTEM,

• MULTISTORY OR MULTIFAMILY RESIDENTIAL FACILITY.

- B. A LICENSED PLUMBER SHALL INSTALL THE BPA'S IN ACCORDANCE WITH THE CURRENT FLORIDA PLUMBING CODE AND MANATEE COUNTY CODE OF ORDINANCES, AND SHALL SELECT A PRESSURE RELIEF VALVE WITH AN APPROPRIATE PRESSURE SET POINT TO PROTECT THE CUSTOMERS' PLUMBING AND NOT ALLOW EXCESSIVE LEAKAGE DUE TO SYSTEM SUPPLY PRESSURE. A PRESSURE REDUCING VALVE MAY BE NECESSARY UPSTREAM OF THE PRESSURE RELIEF VALVE, WHERE NORMAL SUPPLY PRESSURE EXCEEDS 80 PSI. CONTRACTOR SHALL CONDRIVATE WITH COUNTY CROSS CONNECTION CONTROL STAFF AS REQUIRED.
- C. IF IN-GROUND IRRIGATION SYSTEM IS CONNECTED TO THE POTABLE WATER LINE, AN ADDITIONAL RP BPA SHALL BE INSTALLED AT THE POINT OF CONNECTION
- D. VACUUM BREAKERS SHALL BE INSTALLED ON ALL HOSE BIBBS.
- E. CONTRACTOR SHALL COORDINATE WITH COUNTY CROSS CONNECTION STAFF & PRIVATE PROPERTY OWNER AS REQUIRED. RESTORATION
- 34. ALL RESTORATION WORK PERFORMED THROUGHOUT THE PROJECT SHALL CONFORM TO EXISTING LINES AND GRADES UNLESS SHOWN OTHERWISE
- 35. ALL DISTURBED GRASSED AREAS SHALL BE SODDED OR SEEDED UNLESS OTHERWISE INDICATED. THE TYPE OF SOD USED TO REPLACE OWNER MAINTAINED AREAS IN RIGHT-OF-WAY SHALL BE COORDINATED WITH THE PROPERTY OWNER.
- 36. ALL CONCRETE THRUST BLOCKS INSTALLED FOR TESTING PURPOSES AND NOT REQUIRED FOR THE OPERATION OF THE PIPELINE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR, PRIOR TO FINAL ACCEPTANCE, AT NO ADDITIONAL COST TO THE OWNER.
- 37. ASPHALT DRIVES THAT ARE CUT SHALL BE RESTORED PER SECTION 02513.
- 38. CONCRETE DRIVEWAYS OR SIDEWALKS THAT ARE CUT SHALL BE RESTORED TO MATCH EXISTING ACCORDING TO THE CURRENT EDITIONS OF THE F.D.O.T. SPECIFICATIONS FOR ROAD AND BRIDGE DESIGN, SECTION 522, AND SECTION 310 OF THE F.D.O.T. DESIGN STANDARDS.
- 39. WHENEVER A PERMANENT ROADWAY SURFACE IS NOT PLACED IMMEDIATELY AFTER BACKFILLING AND COMPACTION OF THE NEWLY INSTALLED PIPE LINE IN AREAS WHERE TRAFFIC MUST PASS, THE CONTRACTOR SHALL INSTALL A TEMPORARY SURFACE CONSISTING OF NINE INCHES OF COMPACTED LINE ROCK BASE AND A COAT OF ASPHALT EMULSION, PERMANENT ROADWAY REPAIR SHALL BE PERFORMED A MAXIMUM OF TWENTY-ONE CALENDAR DAYS AFTER THE INITIAL OPEN CUTTING.
- 40. RESTORATION OF CURBS, DRIVEWAYS, SIDEWALKS, AND PLACEMENT OF SOD SHALL BE COMPLETED WITHIN FORTY-FIVE CALENDAR DAYS OF INITIAL DISTURBANCE, OR TWENTY-ONE CALENDAR DAYS OF SUBSTANTIAL COMPLETION, WHICHEVER OCCURS FIRST. CONSTRUCTION
- 41. THE EXHAUST SYSTEM OF ALL GASOLINE AND DIESEL ENGINES SHALL BE EQUIPPED WITH MUFFLERS THAT MEET THE EQUIPMENT MANUFACTURER'S REQUIREMENTS FOR NOISE SUPPRESSION. THE CONTRACTOR SHALL INSTALL NOISE ABATEMENT BAFFLES POSITIONED TO BREAK LINE-OF-SITE FROM THE NOISE SOURCE TO AFFECTED RESIDENCES. AS APPROVED BY THE ENGINEER.
- 42. NO MATERIAL SHALL BE STOCKPILED IN ROADWAYS. ALL DIRT AND DEBRIS SHALL BE REMOVED FROM THE JOB SITE DAILY. ROADS SHALL BE SWEPT DAILY AS PART OF DAILY CLEAN UP.
- 43. THE CONTRACTOR IS TO CONTROL ALL FUGITIVE DUST ORIGINATING ON THIS PROJECT BY WATERING OR OTHER METHODS AS REQUIRED.
- 44, INGRESS AND EGRESS TO ALL THE PROPERTIES IN THE CONSTRUCTION AREA SHALL BE MAINTAINED AT ALL TIMES.
- 45. PRIOR APPROVAL WILL BE REQUIRED FOR REMOVAL OF ANY TREE WITHIN THE CONSTRUCTION AREA.
- 46. THE CONTRACTOR SHALL PROVIDE ALL DEWATERING EQUIPMENT NECESSARY TO KEEP ALL EXCAVATIONS DRY. DEWATERING IS REQUIRED TO 18" BELOW TRENCH BOTTOM

47. ALL PIPING AND FITTINGS USED ON THIS PROJECT SHALL BE AS NOTED ON THE PLANS AND IN THE CONTRACT DOCUMENT AND SHALL BE INSTALLED TO THE LINES AND GRADES SHOWN ON THE PLANS AND PROFILES, MODIFICATIONS MUST BE APPROVED BY THE ENGINEER OF RECORD.

- 48. ALL PIPE SHALL BE COLOR CODED TO CONFORM TO MANATEE COUNTY STANDARDS.
- 49. ALL PIPE AND FITTINGS SHALL BE INSTALLED AS RECOMMENDED BY THE MANUFACTURER AND ALL PIPE JOINTS SHALL BE RESTRAINED WHERE
- 50. ALL FITTINGS FOR PRESSURE CLASS-RATED PIPE SHALL BE RESTRAINED DUCTILE IRON. RESTRAINED LENGTHS OF PIPE SHALL ADHERE TO THE REQUIREMENTS AS SHOWN ON THE DETAIL SHEETS. 51. WHERE IT IS NECESSARY TO DEFLECT PIPE EITHER HORIZONTALLY OR VERTICALLY, PIPE DEFLECTION SHALL NOT EXCEED 75% OF THE
- MANUFACTURER'S MAXIMUM ALLOWABLE RECOMMENDED DEFLECTION.
- 52. ALL PIPE LENGTHS ARE PLUS OR MINUS AND MAY BE ADJUSTED IN THE FIELD AS REQUIRED. PIPE MEASUREMENTS ARE TO CENTER OF
- 53. ALL ROCKS OR STONES LARGER THAN SIX INCH DIAMETER SHALL BE REMOVED FROM THE BACKFILL MATERIAL. BACKFILL MATERIAL PLACED WITHIN ONE FOOT OF PIPING AND APPURTENANCES SHALL NOT CONTAIN ANY STONES LARGER THAN TWO INCH DIAMETER. 54. ONLY MANATEE COUNTY UTILITY OPERATIONS STAFF ARE AUTHORIZED TO OPERATE VALVES ON COUNTY OWNED AND MAINTAINED UTILITY
- 55. ALL PENETRATIONS OF EXISTING STRUCTURES SHALL BE BY MECHANICAL ROTARY CORE DRILLING METHOD. ALL CONCRETE PENETRATED OR DISTURBED SHALL BE COATED WITH TWO COATS OF EPOXY.
- 56. THE CONTRACTOR, PRIOR TO ANY TEMPORARY WATER SHUT-OFFS DURING WATER MAIN TIE-IN, ETC., SHALL NOTIFY THE AFFECTED RESIDENTS BY POSTING INFORMATIONAL SIGNS IN THE NEIGHBORHOOD AT LEAST TWO DAYS (48 HRS) PRIOR TO THE WATER SHUT-OFF, REFERENCE SECTION OITSB0, PARAGRAPH 1.03 OF THE SPECIFICATIONS, WHEN FEASIBLE, "DOOR HANCERS" SHALL BE DELIVERED TO AFFECTED RESIDENCES AT LEAST TWO DAYS (48 HRS). PRIOR TO WATER SHUT-OFF, FOR LARCE PROJECTS WITH HUNDREDS OF HOMES AFFECTED, THE CONTRACTOR SHALL ALSO MAKE EXTENSIVE USE OF THE MEDIA AND SHALL HAVE PRIOR CONTACT WITH HUNDREDS OF HOMES AFFECTED, THE NOTIFICATIONS SHALL ALSO BE FAXED TO THE TAMPA TRIBUNE, BRADENTON HERALD, SARAGOTA HERALD TRIBUNE, WBRD RADIO, EMERGENCY COMMONITY CENTERS, INSPECTIONS, WATER TREATMENT PLANT, WATER MANAGER, HELPLINE, CUSTOMER SERVICE, AND THE MANATEE COUNTY UTILITY OPERATIONS DEPARTMENT.
- 57. ALL NEW PIPE LINES SHALL BE PIG CLEANED (4" AND LARGER), FLUSHED, PRESSURE TESTED, DISINFECTED AND CERTIFIED PRIOR TO TIE-INS TO EXISTING FACILITIES. THE CONTRACTOR WILL BE ALLOWED TO USE TEMPORARY PLUGS FOR PIG CLEANING AND PRESSURE TESTING.
- 58. ALL TEST POINT PIPING SHALL BE CUT LOOSE FROM THE CORPORATION STOP AND COMPLETELY REMOVED AND DISPOSED OF BY THE CONTRACTOR PRIOR TO FINAL ACCEPTANCE. A CORPORATION STOP PLUG SHALL BE INSTALLED AND THE CORPORATION STOP SHALL REMAIN IN PLACE.
- 59. WATER MAINS CROSSING OVER OR UNDER SANITARY SEWERS, FORCE MAINS, AND RECLAIMED WATER LINES SHALL BE LAID PER CURRENT EDITION OF "10 STATE STANDARDS" AND MANATEE COUNTY UTILITY STANDARDS UNLESS NOTED OTHERWISE ON THE PLANS.
- 60. FIELD CONDITIONS MAY NECESSITATE MINOR ALIGNMENT AND GRADE DEVIATION OF THE PROPOSED UTILITIES TO AVOID OBSTACLES, AS ORDERED BY THE ENGINEER.
- 61. CONTRACTOR SHALL PROVIDE RECORD DRAWINGS IN ACCORDANCE WITH SECTION 14 IN THE CURRENT MANATEE COUNTY UTILITY STANDARDS CUNITACION SHALL PROVIDE RECORD DRAWINGS IN ACCORDANCE WITH SECTION 14 IN 114 IN 114 CORRENT MANAILE COUNT DILLIT STANDARDS AT NO COST TO THE OWNER. RECORD DRAWINGS SHALL BE SIGNED & SEALED BY A SURVEYOR CURRENTLY LICENSED BY THE STATE OF FLORIDA. ALL RECORD DRAWING INFORMATION REQUIREMENTS IN SECTION 14 SHALL BE <u>STRICTL</u>Y ENFORCED. A COPY OF SECTION 14 WILL BE PROVIDED UPON REQUEST.
- 62. THE CONTRACTOR SHALL MAINTAIN AS-BUILT DRAWINGS OF THE WORK AS CONSTRUCTED. AS-BUILT DRAWINGS SHALL INCLUDE THE LOCATION OF ABANDONED FORCE MAIN CUT AND PLUG POINTS. AS-BUILT DRAWINGS SHALL BE ANNOTATED EACH DAY AS THE WORK PROCEEDS AND SHALL BE AVAILABLE TO THE COUNTY PROJECT MANAGER AND/OR FIELD INSPECTOR FOR REVIEW ON AN ONGOING BASIS. AS-BUILT DRAWINGS SHALL PROVIDE THE HORIZONTAL MOT VERTICALI. INSTALLED LOCATION OF ALL NEW PIPELINE, FITTINGS, VALVES AND FORCE MAIN APPURTENANCES REFERENCED TO FIXED SURFACE FEATURES THAT ARE SHOWN ON THE CONSTRUCTION DRAWINGS AND/OR RIGHT-OF-WAY LINES, PROPERTY CORNERS OR OTHER SURFACE FEATURES THAT ARE SHOWN ON THE CONSTRUCTION DRAWINGS AND/OR RIGHT-OF-WAY COUNTY PROJECT MANAGER AND/OR INSPECTOR ON DEMAND AS THE WORK PROGRESSES.

EXISTING LITILITY LOCATIONS

- 63. THE FOLLOWING IDENTIFIES THE QUALITY LEVEL OF EXISTING UTILITY LINEWORK ON PLANS.
- LEVEL "A" -VISUALLY LOCATED OR SOFT DIGS (HORIZONTAL AND VERTICAL) LEVEL "B" -DESIGNATED BY GPR OR FLAGGING (HORIZONTAL)
- -SURFACE VISIBLE FEATURES SURVEY
- LEVEL "C" -SURFACE VISIBLE FLATE I FVEL "D" -EXISTING RECORDS OR
- REFERENCE 2010 EDITION OF FDOT UTILITY ACCOMODATION MANUAL (UAM)

MAINTENANCE OF TRAFFIC

64. THE CONTRACTOR IS RESPONSIBLE FOR ANY TRAFFIC CONTROL PLAN (TCP) IMPLEMENTED. THE TCP SHALL BE PREPARED BY AN INDIVIDUAL CERTIFIED TO PREPARE A TCP IN THE STATE OF FLORIDA THAT MEETS OR EXCEEDS THE REQUIREMENTS OF THE FDOT ROADWAY AND TRAFFI DESIGN STANDAROS LATEST EDITION (SERIES SOO). ANY DEVAITONS MUST BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA AND SUBMITTED TO COUNTY (AND FDOT) FOR APPROVAL AT LEAST FOURTEEN (14) DAYS PRIOR TO THE STATT OF CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN COUNTY (AND FDOT) FOR APPROVAL APPROVAL PRIOR TO IMPLEMENTATION AND FAILURE TO OBTAIN APPROVAL SHALL NOT BE GROUNDS FOR ANY DELAY CLAIM FOR TIME OR ADDITIONAL COMPENSATION

65. THE CONTRACTOR PRIOR TO CONSTRUCTION AND RESTRICTING ANY TRAFFIC, MUST OBTAIN A RIGHT-OF-WAY USE PERMIT AND A TRAFFIC

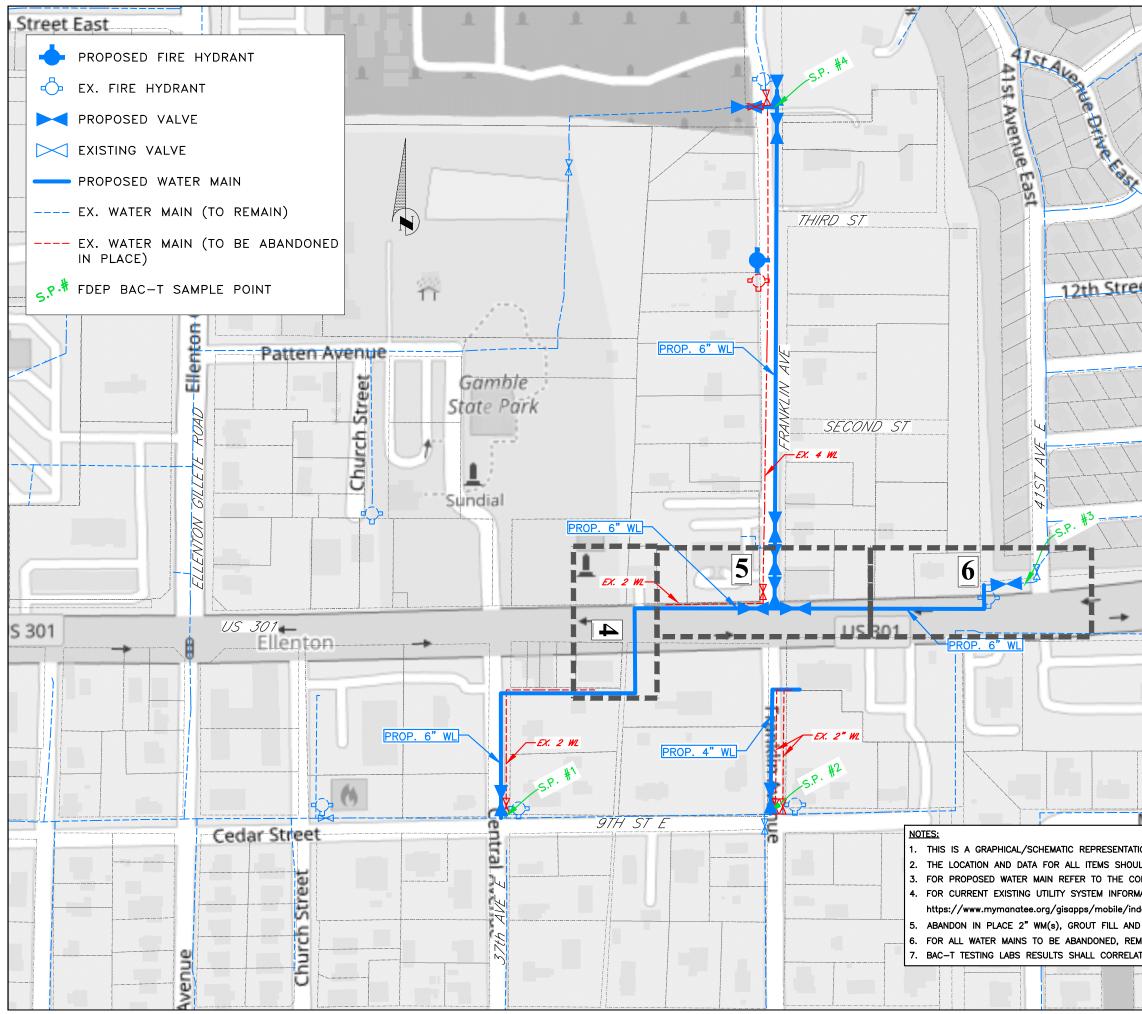
CONTROL PLAN (TCP). THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FROM OTHER GOVERNMENTAL AGENCIES HAVING RELEVANT JURISDICTION. ALL MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF THE CURRENT THE CONT

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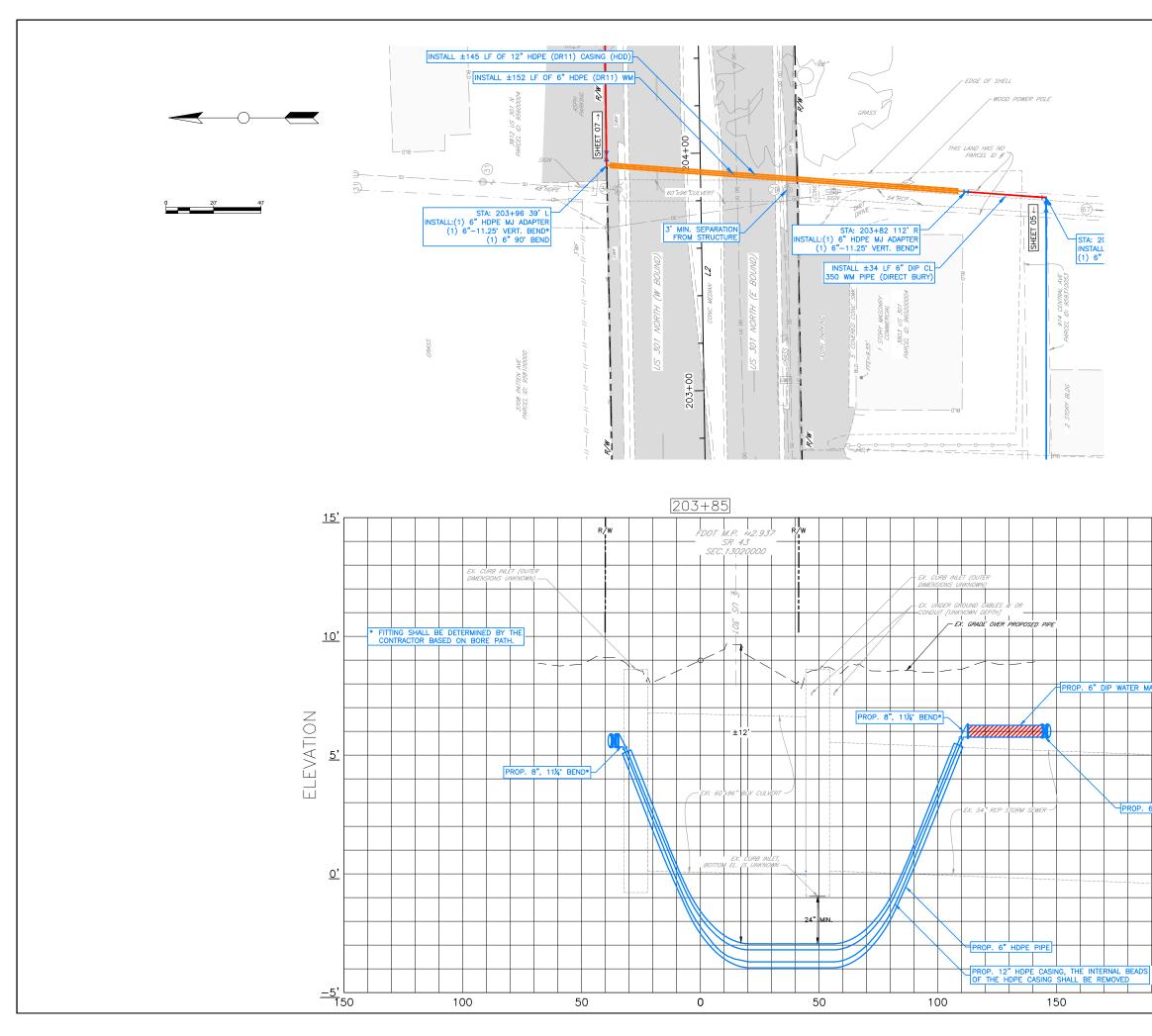
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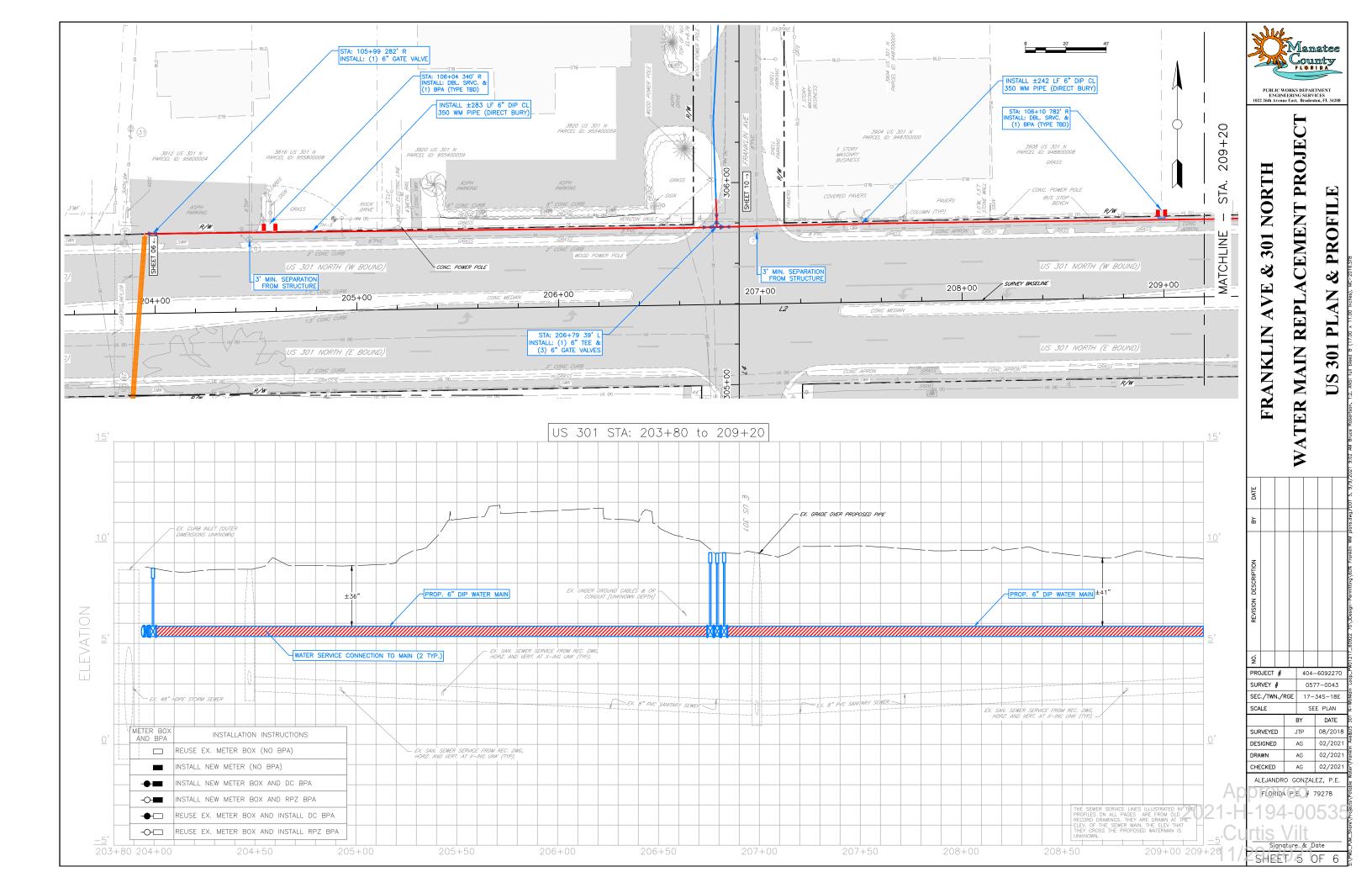
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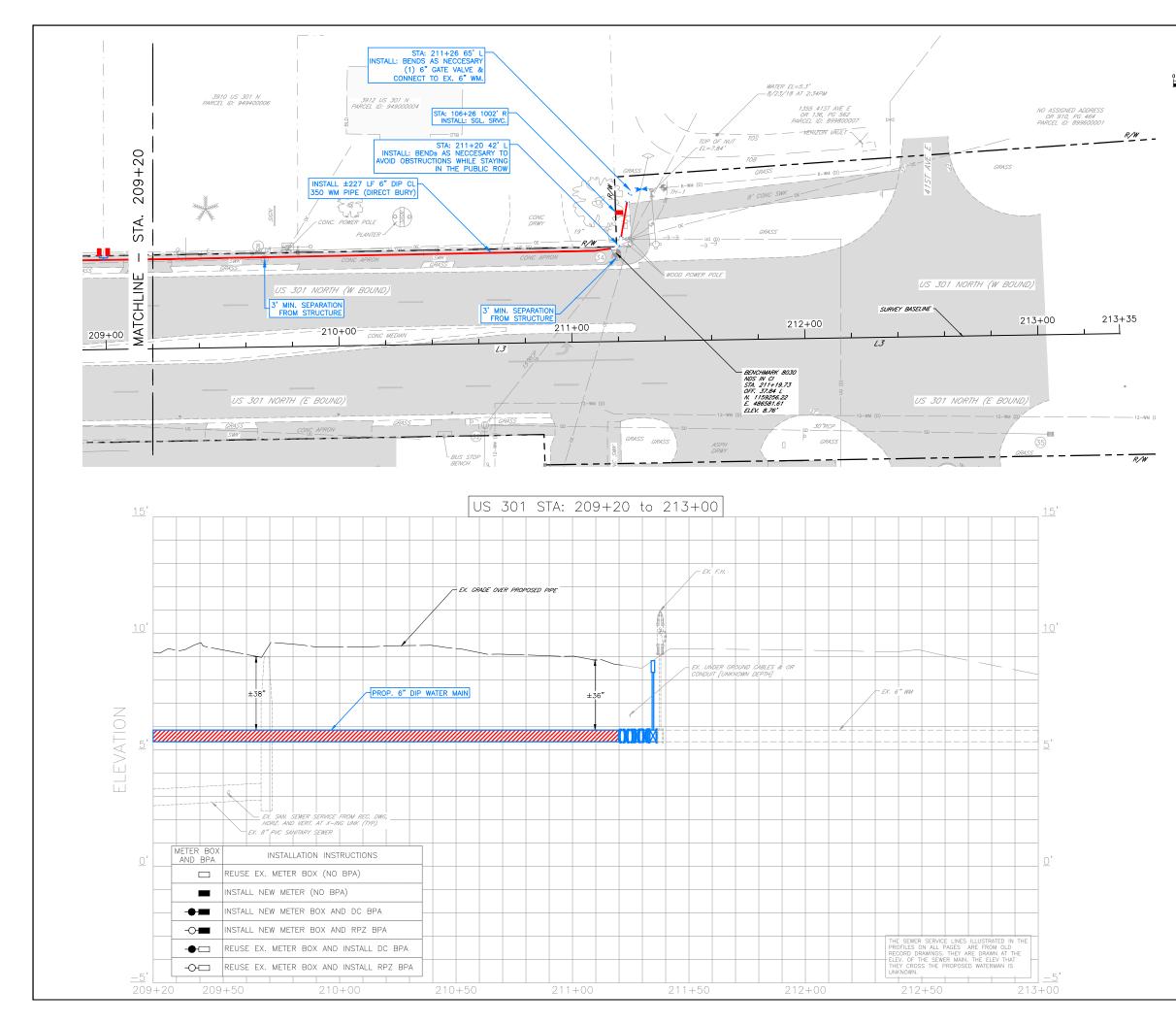


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ATE WITH THE NUMBERING PROVIDED ON THIS SHEET.	-194- I <u>rtis V</u> Signatur ZSHEET		



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<u>5'</u>		ON		
6" 90' HORZ. BEND		PROJECT # SURVEY # SEC./TWN./	05	-6092270 77-0043 -34S-18E
		SCALE	BY	EE PLAN DATE
<u> </u>		SURVEYED DESIGNED	JTP AG	08/2018
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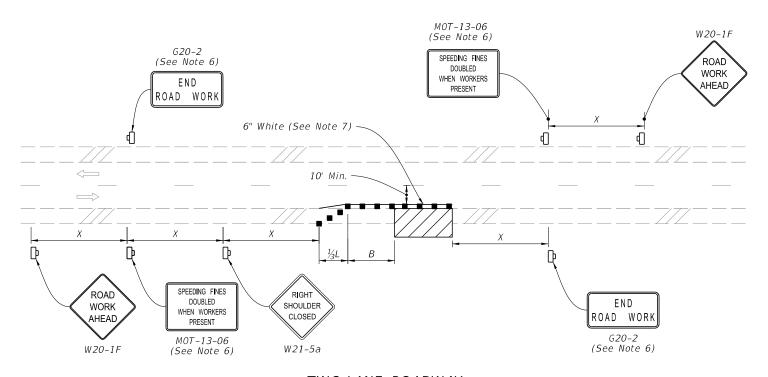
NOTES:

- 1. This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work on the shoulder.
- 2. L = Taper LengthX = Work Zone Sign Spacing B = Buffer LengthSee Index 102-600 for "L", "X", "B", and channelizing device spacing values.
- 3. For incidental work (e.g. mowing or litter removal), only the Road Work Ahead sign is required.
- 4. When four or more work vehicles enter the through traffic lanes in a one hour period (excluding establishing and terminating the work area), use a flagger or lane closure to accommodate work vehicle ingress and egress.
- 5. For work less than two feet from the traveled way and work zone speed is greater than 45 MPH, use a lane closure.
- 6. The "Speeding Fines Doubled When Workers Present"signs (MOT-13-06) and "End Road Work" Signs (G20-2) along with the associated work zone sign spacing distances may be omitted when the temporary condition is in place for 24 hours or less.
- 7. Temporary pavement markings may be omitted when the work zone is in place for 3 days or less.
- 8. If the work encroaches on a marked bicycle lane or ridable shoulder, close the lane or shoulder in accordance with the Plans.
- 9. Omit "Shoulder Closed" signs (W21-5a) along with associated work zone sign spacing distances for work on the median

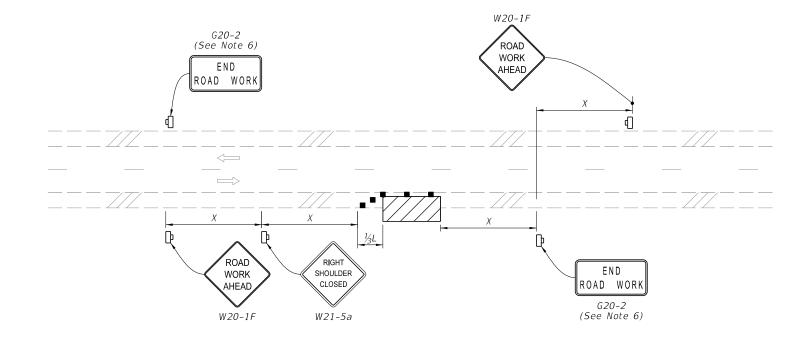
SYMBOLS:

Work Area

- Channelizing Device (See Index 102-600)
- Dp Work Zone Sign
- Lane Identification and Direction of Traffic



: TWO-LANE ROADWAY =SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY WITH WORK ZONE SPEED OF 45 MPH OR LESS



= TWO-LANE ROADWAY = SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY



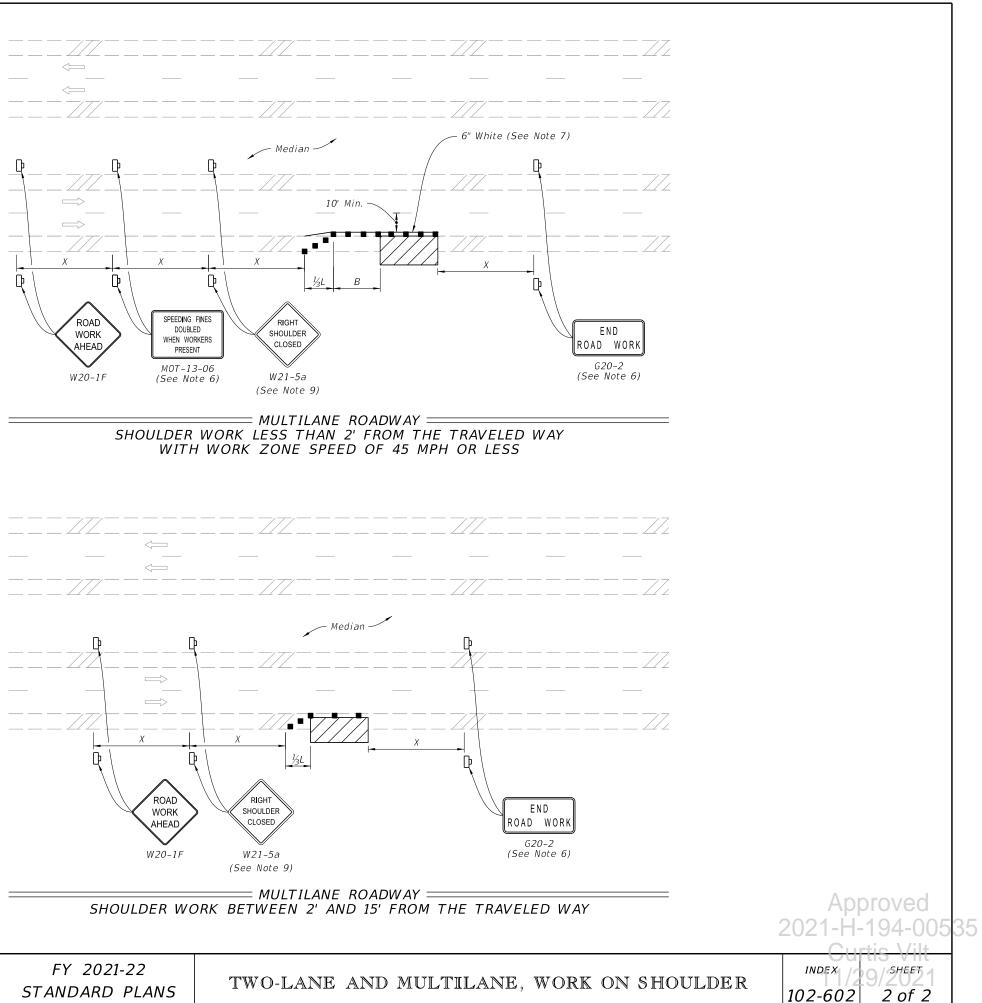


FY 2021-22 STANDARD PLANS

TWO-LANE AND MULTILANE, WORK ON

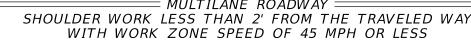


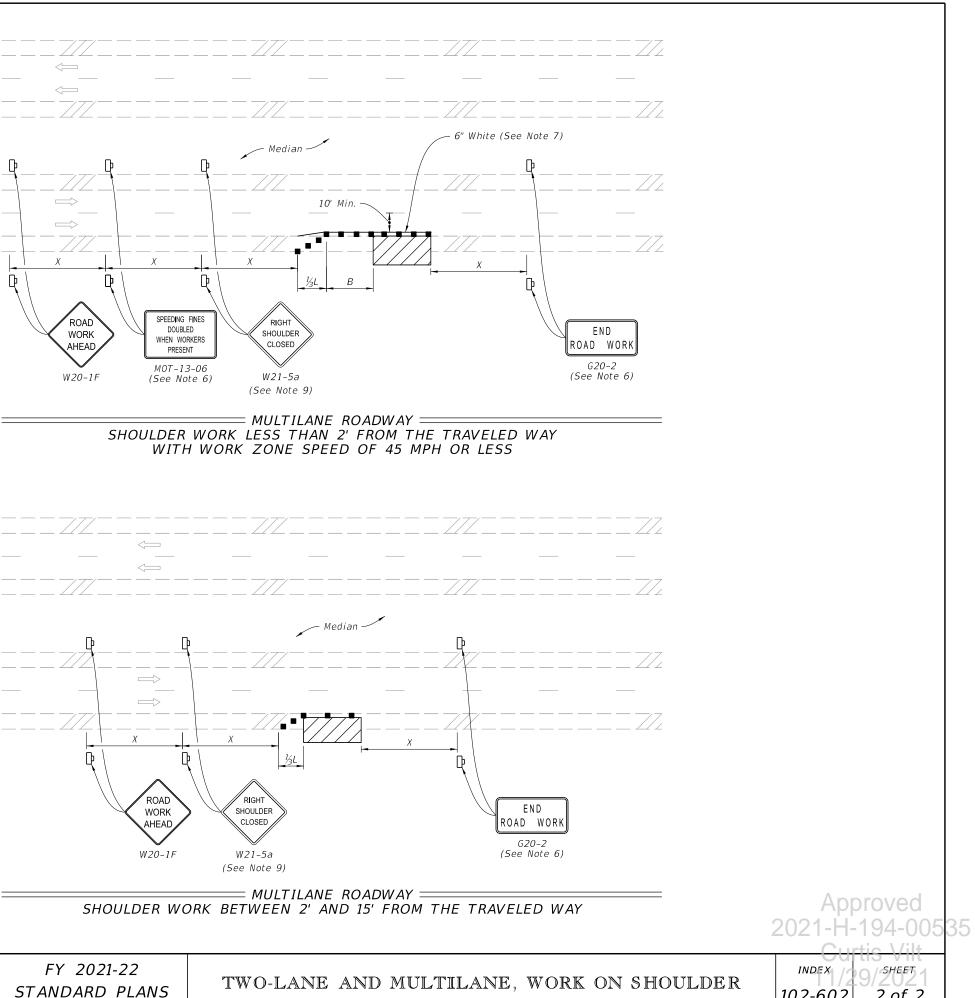
	Approved 2021-H-194-00535
N SHOULDER	INDEX 129/SHEET 1 102-602 1 of 2

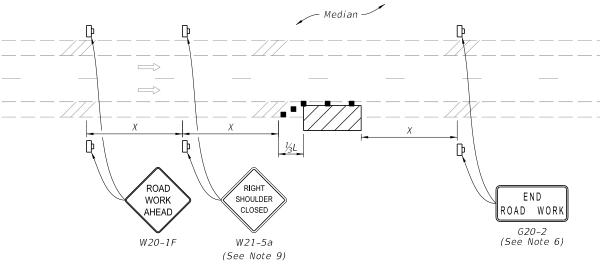


Work Area

- Channelizing Device (See Index 102–600)
- D Work Zone Sign
- Lane Identification and Direction of Traffic



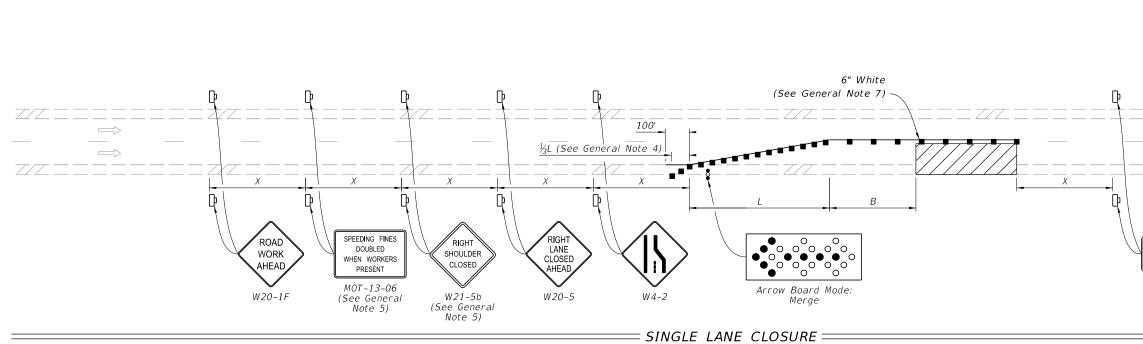




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DESCRIPTION:

FDOT



	Work	Area
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- Channelizing Device (See Index 102–600)
- D Work Zone Sign
- Lane Identification and Direction of Traffic
- Arrow Board

GENERAL NOTES:

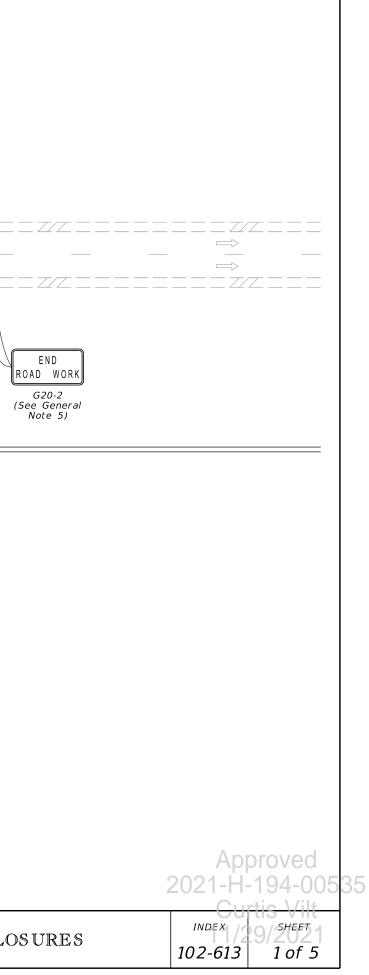
- 1. L = Taper Length
- B = Buffer Length
- X = Work Zone Sign Distance
- See Index 102-600 for "L", "B", "X", and channelizing device spacing values.
- 2. On undivided highways the median signs as shown are to be omitted.
- 3. On limited access facilities, omit "Shoulder Closed Ahead" signs (W21–5b) and associated work zone sign spacing distances.
- 4. If the paved shoulder is less than 4' in width, omit the taper and channelizing devices from the paved shoulder.
- 5. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" signs (G20-2) and "Shoulder Closed Ahead" (W21-5b), along with associated work zone sign distances, may be omitted when the work zone will be in place for 24 hours or less. For Single Lane Closures, arrow boards and buffer (B) may also be omitted when the work zone will be in place for 60 minutes or less and the speed limit is 45 mph or less.
- 6. Use inverted plan of the illustrations for work on left side of roadways.
- 7. Temporary pavement markings may be omitted when the work zone is in place for 3 days or less.
- 8. If the work encroaches on a marked bicycle lane or ridable shoulder, close the lane or shoulder in accordance with the Plans.

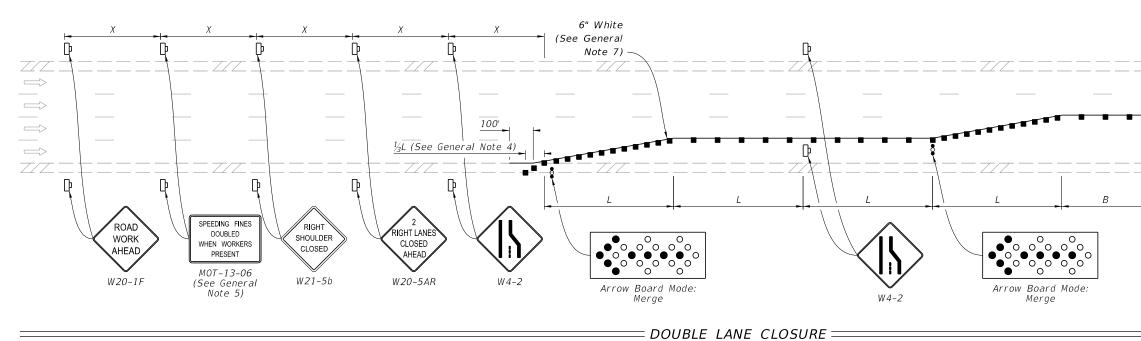




FY 2021-22 STANDARD PLANS

MULTILANE ROADWAY, LANE CLOSURES



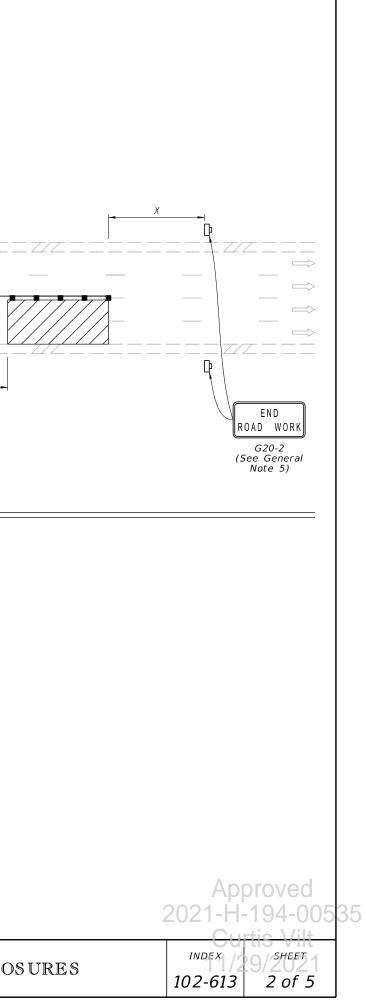


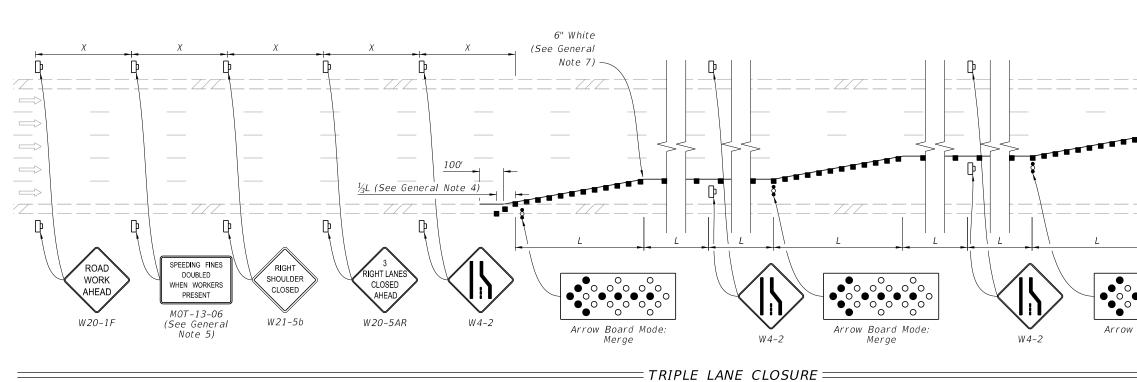
///// Work Area

- Channelizing Device (See Index 102-600)
- D Work Zone Sign
- Lane Identification and Direction of Traffic
- õ Arrow Board





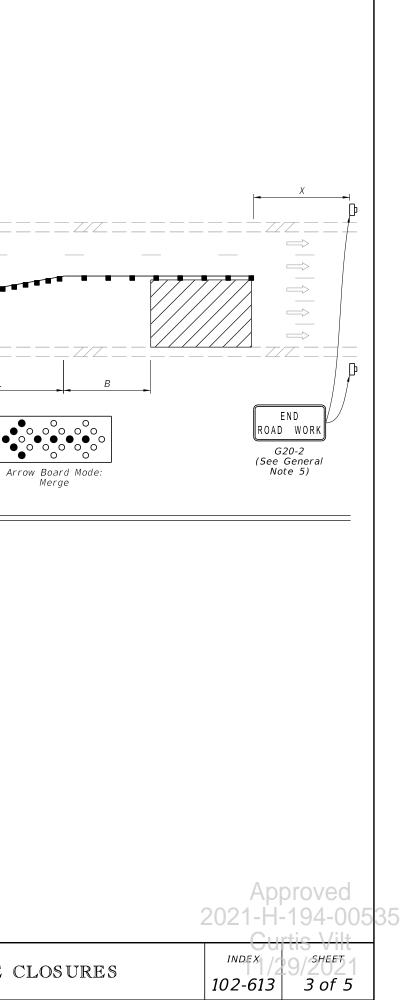


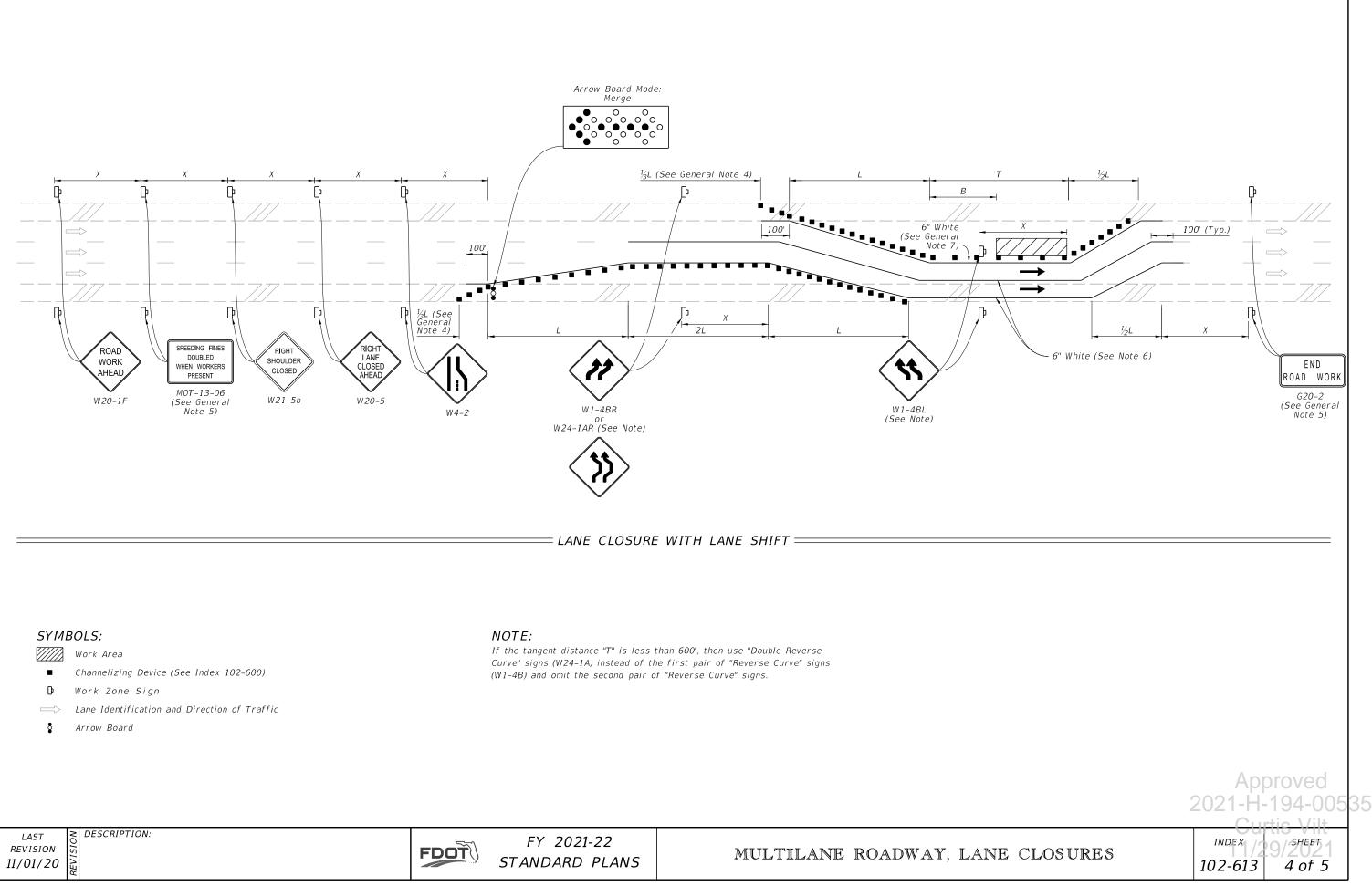


Work Area

- Channelizing Device (See Index 102-600)
- D Work Zone Sign
- Lane Identification and Direction of Traffic
- Arrow Board

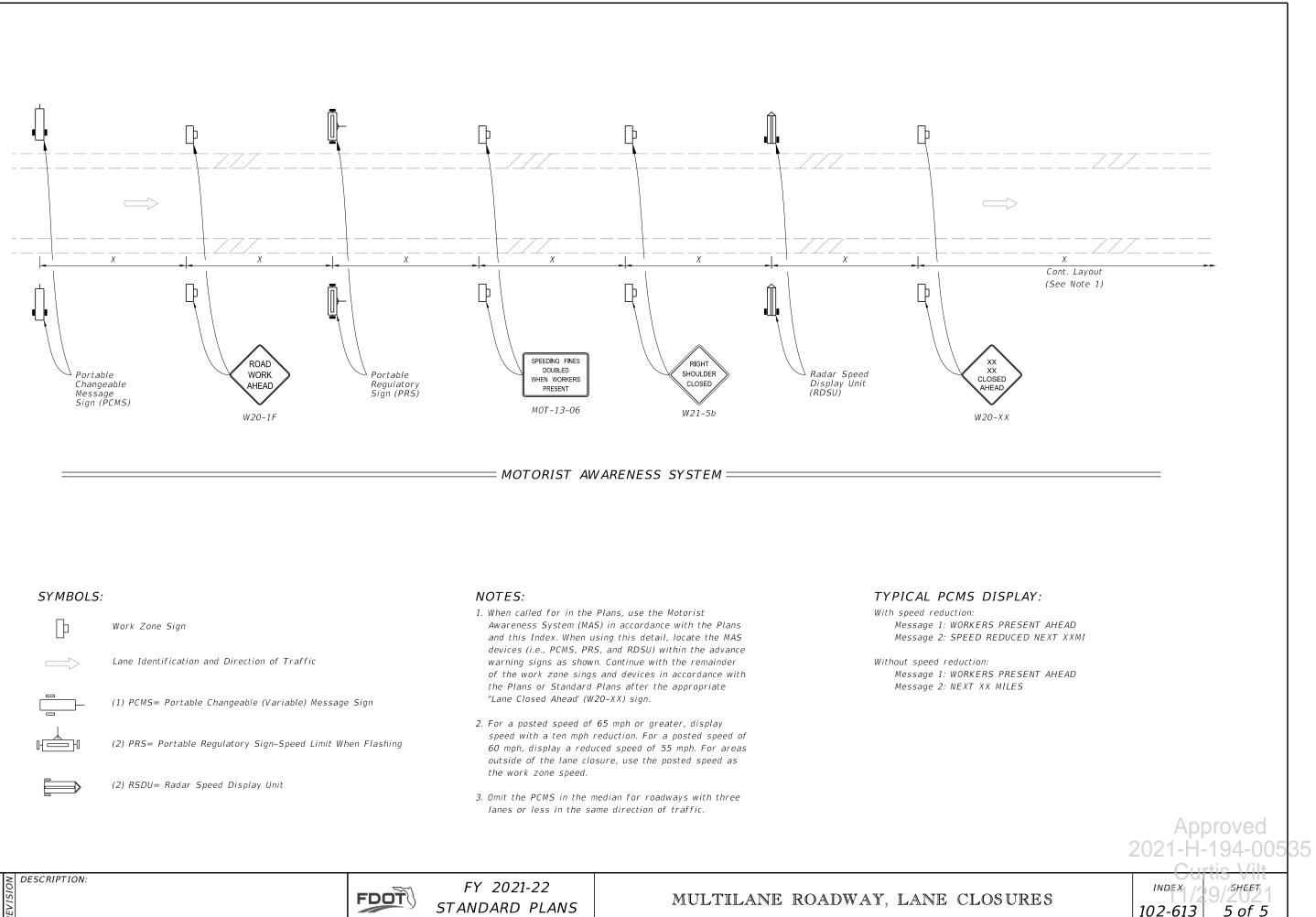


















STANDARD PLANS

NOTES:

SYMBOLS:

Work Area

Work Zone Sign

Lane Identification and Direction of Traffic

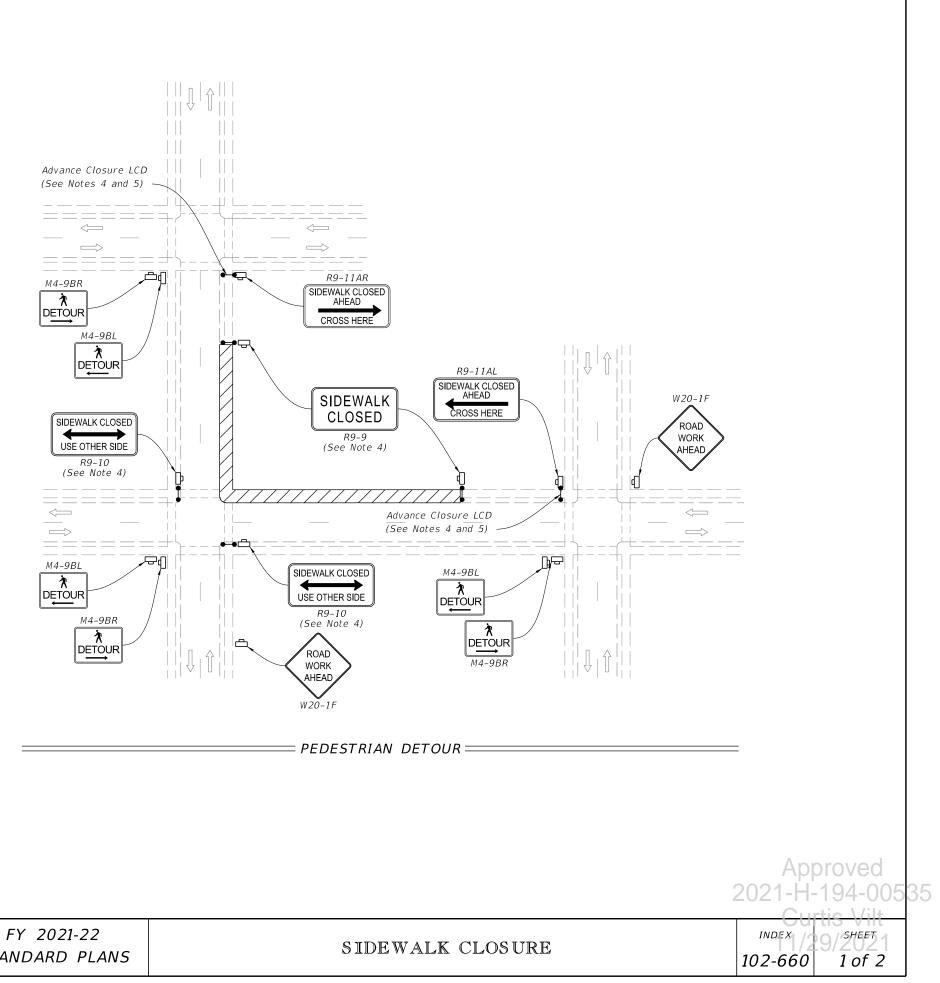
Pedestrian Longitudinal Channelizing Device (LCD)

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- 1. Cover or deactivate pedestrian traffic signal display(s) controlling closed crosswalks.
- 2. Place pedestrian LCDs across the full width of the closed sidewalk.
- 3. For post mounted signs located near or adjacent to a sidewalk, maintain a minimum 7' clearance from the bottom of the sign panel to the surface of the sidewalk.
- 4. "Sidewalk Closed" signs (R9-XX) may be mounted on pedestrian LCDs in accordance with the manufacturer's instructions.
- 5. Omit the Advance Closure LCD if it blocks access to other pedestrian facilities (e,g,, transit stops, residences, or business entrances).



LAST REVISION 11/01/20

DESCRIPTION:



FDOT

NOTES:

SYMBOLS:

Work Area

Temporary Pedestrian Way

Work Zone Sign

Arrow Board

□ Crash Cushion

Channelizing Device (See Index 102-000)

Lane Identification and Direction of Traffic

Pedestrian Longitudinal Channelizing Device (LCD)

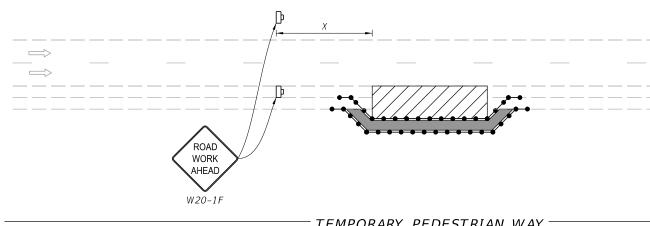
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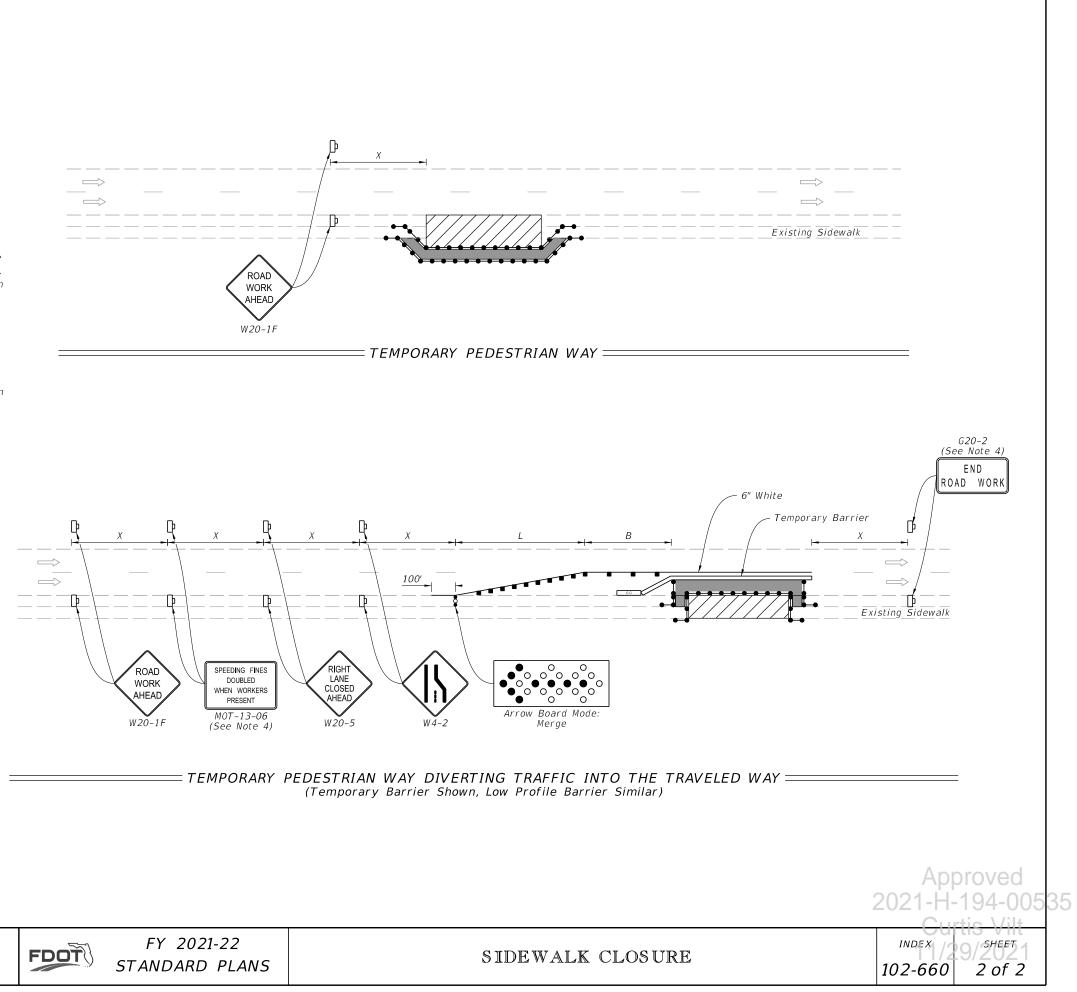
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1. L=Taper Length B=Buffer Length X=Work Zone Sign Distance See Index 102-600 for "L", "B", "X", channelizing device spacing values.

- 2. Provide a 5' wide temporary pedestrian way with a maximum cross-slope of 0.02, except where space restrictions warrant a minimum width of 4"". Provide a 5' x 5' passing space for temporary pedestrian ways less than 5' in width at intervals not to exceed 200'.
- 3. When temporary pedestrian ways require curb ramps, meet the requirements of Index 522-002. Detectable warnings are not required for curb ramps diverting pedestrian traffic into a closed lane.
- 4. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" signs (G20-2), along with associated work zone sign distances, may be omitted when the work zone will be in place for 24 hours or less.





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Alejandro Gonzalez

From:	Hallman, James C <james.hallman@charter.com></james.hallman@charter.com>					
Sent:	Thursday, August 6, 2020 7:53 AM					
То:	Alejandro Gonzalez					
Subject:	RE: [EXTERNAL] Utility mark-up Request - US 301 N in Ellenton, FL & Franklin Ave					

Alejandro,

Jim Cruzan is handling this and is aware. He has this information.

Jim



Jim Hallman | Field Engineer | 941-737-1062 5413 State Rd. 64 E | Bradenton, FL 34243

From: Alejandro Gonzalez <bounces@e-builder.net>
Sent: Wednesday, August 5, 2020 2:34 PM
To: Hallman, James C <James.Hallman@charter.com>
Subject: [EXTERNAL] Utility mark-up Request - US 301 N in Ellenton, FL & Franklin Ave

CAUTION: The e-mail below is from an external source. Please exercise caution before opening attachments, clicking links, or following guidance.

Franklin Avenue & US 301 N Loop.

From	Alejandro Gonzalez
То	Alicia.Lamothe1@ftr.com; djshanahan@tecoenergy.com; greg.coker@fpl.com; investigations@verizon.com; James.Cruzan@charter.com; James.Fleming@charter.com; James.Hallman@charter.com; jdomning@tecoenergy.com; Joel.Bray@fpl.com;
CC	bruce.robertson@mymanatee.org;

Approved 2021-H-194-00535 Curtis Vilt 11/29/2021 Utility Agency Representative:

Manatee County Utility Operations will be installing approximately 2,400 lineal feet of new watermains in portions of the 301N in Ellenton, FL as well as along Central Ave (37th Ave), and Franklin Ave (39th Ave). During the design of the project we wish to avoid all other underground utilities. The project Engineer of Record is Alex Gonzalez P.E..

We request that you mark the LINKED plans with your companies utilities and return to us by August 20, 2020.

Alternatively, the location of your existing utilities could be sent via electronic file formats such as CAD, DWG, DGN, DXF, SHP, PDF.

Our Surveyor has attempted to locate and identify underground utilities in the project area.

Please indicate which of the illustrated utilities belong to your company and that they are complete and accurate.

The markups you provide are highly valued and appreciated. We make every effort to avoid impact to other utilities from the early design phase onward.

Documents

1. Franklin WM 30 design plans.pdf

e-Builder Technical Support phone: 1-888-288-5717 fax: 1-888-576-9322 support@e-builder.net

The contents of this e-mail message and any attachments are intended solely for the addressee(s) and may contain confidential and/or legally privileged information. If you are not the intended recipient of this message or if this message has been addressed to you in error, please immediately alert the sender by reply e-mail and then delete this message and any attachments. If you are not the intended recipient, you are notified that any use, dissemination, distribution, copying, or storage of this message or any attachment is strictly prohibited.

> Approved 2021-H-194-00535 Curtis Vilt 11/29/2021

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 <u>http://www.dep.state.fl.us/water/stormwater/index.htm</u>.

HOW CAN YOU HELP STOP STORMWATER POLLUTION?

- \checkmark 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: <u>http://www.dep.state.fl.us/waste/categories/hwRegulation/</u>



Effective March 2016

 \checkmark Maintain proper sediment and erosion controls on your construction site

*Contact your Cou	nty Agricultural F	**Illicit Discharges : Report any material					
*Contact your County Agricultural Extension Office for answers to your pest and weed problems.				other than stormwater being discharged into			
pest and weed prob	a a a a a a a a a a a a a a a a a a a				a storm drain or into the street.		
County Agricultural Extension Office				County / FDOT Env	vironmental 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		
Handrey Ca	(962) 674 4002	Sarasota Co.	(0.4.1) 961 0000	Sarasota County	(941) 861-5000		
Hendry Co.	(863) 674-4092		(941) 861-9900	FDOT Right of Way	(863) 519-2762		
FDOT M	IAINTENANCE	YARDS		State Watch Office			
Arcadia O	perations	(863) 993-4634	SPILL	(Spill Report Hotline	(800) 320-0519		
Bartow Or	parations	(863) 519-4100	REPORTING	typically 25 gallons or	(800) 520-0519		
				more)			
Fort Myers (Operations	(239) 985-7800					
Labelle Operations		(863) 674-4027	For more information	ation on NPDES stormw	vater regulations,		
Manatee Operations ((941) 708-4400	please contact, F	DOT District Maintenar	nce, at (863) 519-2762		
Sebring Operations (863) 386-6104				202	21-H-194-0053		
					Curtio V/ilt		

GENERAL COMMENT STAMPS

THE FDOT MUST BE NOTIFIED TWO (2) BUSINESS DAYS IN ADVANCE OF STARTING WORK AND THAT NO LANE CLOSURES ARE REQUIRED BY CONTACTING (941)708-4400. FAILURE TO CALL MAY RESULT IN A DELAY TO BEGIN WORK.

IF A LANE CLOSURE IS WITHIN THE PROJECT LIMITS, THE PERMITTEE <u>MUST</u> NOTIFY THE FDOT TWO (2) WEEKS PRIOR TO A LANE CLOSURE TO ALLOW THE FDOT TO INFORM THE MOTORING PUBLIC. FAILURE TO CALL MAY RESULT IN A DELAY TO BEGIN WORK.

LANE CLOSURES AND/OR WORK ACTIVITIES MAY BE RESTRICTED BY THE FDOT DUE TO HEAVY TRAFFIC AND THE POTENTIAL FOR BACKUPS CAUSED BY THESE ACTIVITIES. NIGHT WORK WILL BE REQUIRED AS THE ALTERNATE TIME FOR THESE ACTIVITIES.

THE PERMITTEE IS RESPONSIBLE FOR NOTIFYING OWNERS OF ALL EXISTING AERIAL AND UNDERGROUND UTILITIES OF A PROPOSED DRIVEWAY AND RESOLVING ANY CONFLICTS BEFORE CONSTRUCTION BEGINS.

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

ALL LANE CLOSURES, CONSTRUCTION AND MAINTENANCE ACTIVITIES IN FDOT'S RIGHT-OF-WAY SHALL CONFORM TO THE CURRENT FHWA'S MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE CURRENT FDOT'S STANDARD PLANS FOR ROAD CONSTRUCTION.

THE PERMITTEE MUST WAIT FOURTEEN (14) DAYS TO ALLOW ASPHALT FRICTION COURSE TO CURE BEFORE PLACING THERMOPLASTIC PAVEMENT MARKINGS.

ALL CONTRACTORS/SUBCONTRACTORS OF THE PERMITTEE SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE PERMITTED M.O.T. PLAN.

ALL PORTIONS OF DISTURBED RIGHT-OF-WAY WILL BE SODDED WITHIN SEVENTY-TWO (72) HOURS OF COMPLETION OF WORK. ALL ABOVE GROUND APPURTENANCES ARE TO BE LOCATED AT FDOT'S RIGHT-OF-WAY LINE.

COMPACTION, DENSITY TESTING AND THEIR <u>REPORTS</u> ARE TO BE COMPLETED AND SUBMITTED PRIOR TO PLACEMENT OF <u>ANY</u> PAVEMENT.

PRIOR TO EXCAVATING, CONTACT THE CLERK OF THE CIRCUIT COURT FOR POSSIBLE GASOLINE CONFLICTS.

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 FDOT'S RIGHT-OF-WAY OR EASEMENT. ANY DISCHARGE SHALL BE IN VOILATION OF THIS PERMIT.

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

IT IS THE RESPONSIBILITY OF THE PERMITTEE TO DETERMINE AND COMPLY, IN ADDITION TO FDOT REQUIREMENTS, WITH ALL COUNTY AND MUNICIPAL ORDINANCES THAT ARE RELATIVE TO THE ACTIVITIES DESCRIBED ON THIS PERMIT.

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 THE CURRENT FDOT STANDARD PLANS FOR ROAD CONSTRUCTION.

IF A CONSTRUCTION, RECONSTRUCTION, REPAIR OR MAINTENANCE ACTIVITY NECESSITATES THE CLOSING OF ONE (1) OR MORE TRAVEL LANES OF ANY ROAD ON THE STATE, COUNTY OR CITY ROAD SYSTEMS, FOR A PERIOD OF TIME EXCEEDING TWO (2) HOURS, THE PERMITTEE PERFORMING SUCH WORK WILL BE RESPONSIBLE TO GIVE NOTICE TO THE APPROPRIATE LOCAL LAW ENFORCEMENT AGENCY WITH JURISDICTION OVER SAID ROAD PRIOR TO COMMENCING WORK ON THIS PROJECT.

ADHERE TO <u>ALL</u> INSTRUCTIONS/REQUIREMENTS IN THE CURRENT UTILITY ACCOMODATIONS MANUAL.

> Approved 48 HOURS BEFORE YOU DIG H-194-00535 1-800-432-4770 urtis Vilt 11/29/2021