



MANATEE COUNTY FLORIDA

April 22, 2013

TO: All Interested Bidders
SUBJECT: Invitation for Bids #13-1198CD
Tara 20 Force main Replacement

ADDENDUM #1

Bidders are hereby notified that this Addendum shall be acknowledged on page 00300-1 of the Bid Form and made a part of the above named bidding and contract documents. Bids submitted without acknowledgment of the Addendum will be considered incomplete.

The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding and contract documents, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

1. **DELETE** Bid Form pages 00300-2 thru 00300-5, and **INSERT** the REVISED Bid Form pages 00300-2 thru 00300-5 that are attached to this Addendum #1.
2. **ADD** the Florida Department of Transportation (FDOT) and Florida Department of Environmental Protection (FDEP) permits that are attached to this Addendum #1, to the Bid Documents.

The following question has been asked regarding this IFB:

QUESTION #1: Reference plan sheet 8 of 10, under the profile view of the jack and bore there is a note that tells us to refer to F.D.O.T. Permit for details, I do not find the permit in the specifications, please provide.

RESPONSE #1: See item #2 of above.

QUESTION #2: Reference plan sheet 5 of 10, top right hand corner of this sheet, NOTE: "Extend 15" storm drain 5' as required and install new headwall to enable force main installation and dewatering", what if we determine we can install the force main pipe at this location and not need to add the extra pipe and new headwall, do we still have to do what this note is asking?

RESPONSE #2: If the Contractor can install the force main without extending this storm drain and without damaging the storm drain and headwall, or violating any state regulations or County standards, then the Contractor need not extend this storm drain nor replace the headwall.

Financial Management Department – Purchasing Division
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941.749.3014 * FAX: 941.749.3034

www.mymanatee.org

QUESTION #3: Reference plan sheet 7 of 10, top left hand corner, NOTE: "Contractor to TV sewer before and after construction from manhole at 35+48 to manhole at 31+57", how do we get paid for this scope of work? There is no bid item for this scope of work. Please clarify.

RESPONSE #3: This work is considered part of Bid item #22 Miscellaneous Work and Cleanup and is payable as part of this item.

QUESTION #4: Reference plan sheet 5 of 10, station 32+50, the drawing shows installing 20LF of ductile iron pipe at approximately station 32+50, what preference for connecting the ductile iron pipe to the PVC pipe does the engineer have, using MJ sleeves or just belling the ductile iron pipe into the PVC pipe and then belling the PVC pipe into the ductile iron pipe? Please clarify. Will MJ sleeves be paid in bid item for fittings?

RESPONSE #4: Belling is acceptable at joints where restraint is not required, which depends on the distance to fittings, pipe type, thrust blocks, and other factors; otherwise MJ sleeves with mechanical restraints are required. MJ sleeves will be paid in the bid item for fittings.

QUESTION #5: Reference bid item number 7, DI Fittings, Wastewater; it appears the quantity of 9,000 pounds is not enough. I have taken the fittings off, not including MJ sleeves, and using the weight for C-153 fittings, I am over the bid quantity, can this be looked into?

RESPONSE #5: The Contractor will be paid for actual quantity (weight) of fittings installed at the unit price bid for fittings, whether over the bid quantity or under. The bid quantity for bid item # 7 DI Fittings, Wastewater, is hereby revised to 13,500lb.

QUESTION #6: The existing 36 inch force main was installed over twenty years ago and there is concern about the condition of this pipe, particularly at the proposed connection, due to corrosion from the methane gases. Can the County provide thickness readings for the existing 36 inch diameter force main at the proposed connection for the 24 inch force main from Tara 20 lift station?

RESPONSE #6: We excavated to expose the existing 36 inch diameter force main at the proposed connection for the 24 inch force main from Tara 20 lift station and measured the wall thickness using an ultrasonic gage. The measurements indicate a wall thickness from 0.49 to 0.53 inches of Ductile Iron. We took measurements at 10 locations along the top half of the 36" DIP, which is probably Class 52 and the specs for class 52 are 0.53" thick brand new, so it is likely that there is very little corrosion at the proposed connection (tapping sleeve & valve) location.

END OF ADDENDUM #1

Bids will be received at Manatee County Purchasing, 1112 Manatee Avenue West, Bradenton, Florida 34205 until **Wednesday, May 8, 2013 at 3:30 PM.**

Sincerely,



Melissa M. Wendel, CPPO
Purchasing Official

Financial Management Department –Purchasing Division
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
PHONE: 941.749.3014 * FAX: 941.749.3034

www.mymanatee.org

BID FORM

(Submit in Triplicate) Section 00300

TARA 20 FORCE MAIN REPLACEMENT

Bid "A" Based on Completion Time of 300 Calendar Days

ITEM NO.	DESCRIPTION	UNITS	QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
1	24" PVC Force Main C905 (Direct Bury) DR18	LF	2,550		
2	36" Steel Casing, Jack & Bore 0.500" wall	LF	480		
3	24" DI Force Main Class 350 (Direct Bury)	LF	50		
4	24" Fusible PVC Force Main C905 DR 18	LF	515		
5	24" Pipe Restraints	EA	50		
6	24" Tapping Valve & Sleeve	EA	1		
7	DI Fittings, Wastewater	LB	13,500		
8	Connect to Exist. Force Main	EA	2		
9	Traffic Control to FDOT Standards	LS	1		
10	Sodding	SY	3,200		
11	Seeding	SY	3,000		
12	Air Release Valve incl. manhole	EA	2		
13	Asphalt Road Restoration (Base & Resurface)	SY	150		
14	Asphalt Road Restoration (Mill & Resurface)	SY	550		
15	Concrete Sidewalk Replacement	SY	130		
16	Curb & Gutter Replacement	LF	300		
17	Remove and Install/Replace Storm Drains	LS	1		
18	Miscellaneous Concrete	CY	30		

Bidder Name: _____

Authorized Signature: _____

BID FORM

(Submit in Triplicate) Section 00300
TARA 20 FORCE MAIN REPLACEMENT
Bid "A" Based on Completion Time of 300 Calendar Days

ITEM NO.	DESCRIPTION	UNITS	QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
19	Concrete Driveway Restoration	SY	20		
20	Silt Fence and Erosion Control	LS	1		
21	Mobilization (maximum 10% of total bid)	LS	1		
22	Miscellaneous Work & Clean Up	LS	1		
23	DISCRETIONARY WORK (USED ONLY WITH COUNTY APPROVAL)	LS	1		\$ 96,920.00
TOTAL PRICE FOR BID "A" - Based on Completion Time of <u>300</u> Calendar Days					

Bidder Name: _____

Authorized Signature: _____

BID FORM

(Submit in Triplicate) Section 00300
TARA 20 FORCE MAIN REPLACEMENT
Bid "B" Based on Completion Time of 240 Calendar Days

ITEM NO.	DESCRIPTION	UNITS	QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
1	24" PVC Force Main C905 (Direct Bury) DR18	LF	2,550		
2	36" Steel Casing, Jack & Bore 0.500" wall	LF	480		
3	24" DI Force Main Class 350 (Direct Bury)	LF	50		
4	24" Fusible PVC Force Main C905 DR 18	LF	515		
5	24" Pipe Restraints	EA	50		
6	24" Tapping Valve & Sleeve	EA	1		
7	DI Fittings, Wastewater	LB	13,500		
8	Connect to Exist. Force Main	EA	2		
9	Traffic Control to FDOT Standards	LS	1		
10	Sodding	SY	3,200		
11	Seeding	SY	3,000		
12	Air Release Valve incl. manhole	EA	2		
13	Asphalt Road Restoration (Base & Resurface)	SY	150		
14	Asphalt Road Restoration (Mill & Resurface)	SY	550		
15	Concrete Sidewalk Replacement	SY	130		
16	Curb & Gutter Replacement	LF	300		
17	Remove and Install/Replace Storm Drains	LS	1		
18	Miscellaneous Concrete	CY	30		

Bidder Name: _____

Authorized Signature: _____

BID FORM

(Submit in Triplicate) Section 00300

TARA 20 FORCE MAIN REPLACEMENT

Bid "B" Based on Completion Time of 240 Calendar Days

ITEM NO.	DESCRIPTION	UNITS	QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
19	Concrete Driveway Restoration	SY	20		
20	Silt Fence and Erosion Control	LS	1		
21	Mobilization (maximum 10% of total bid)	LS	1		
22	Miscellaneous Work & Clean Up	LS	1		
23	DISCRETIONARY WORK (USED ONLY WITH COUNTY APPROVAL)	LS	1		\$ 96,920.00
TOTAL PRICE FOR BID "B" - Based on Completion Time of <u>240</u> Calendar Days					

Bidder Name: _____

Authorized Signature: _____

PERMIT VOID UNLESS DOT OPERATIONS **Sod & Seeding** Portions of Disturbed
 CENTER IS NOTIFIED 48 HRS IN
 ADVANCE OF STARTING WORK
 PHONE (941) 359-730 STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
 VERIFICATION NO. UTILITY PERMIT
 ALL CONTRACTORS AND SUBCONTRACTORS SHALL BE AVAILABLE FOR VISITATION AND OR PHOTOGRAPHING FROM 8:00 AM TO 4:00 PM. THIS PLAN IS VOID

PERMIT NO.: 2012-H-194-102	SECTION NO.: 13190000	STATE ROAD 70	COUNTY Manatee
<input type="checkbox"/> FDOT construction is proposed or underway.	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Financial Project ID:
<input type="checkbox"/> Is this work related to an approved Utility Work Schedule?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	If yes, Document Number:
PERMITTEE: Manatee County Utility Operations Department	TELEPHONE NUMBER: (941) 792-8811		
ADDRESS: 4410 66th Street West Bradenton, FL 34210	TO: M.P. 5.182		
The above PERMITTEE requests permission from the State of Florida Department of Transportation, hereinafter called the FDOT, to construct, operate and maintain the following: 24" dia. PVC 600' Gas-Emergency Main to cross SR70 Right of Way inside 36' dia. steel casing installed by jack and bore under paved surfaces. Approximate location near interstate 75 shown on attached sheet.			
Submitted for the PERMITTEE by: James Stockwell, PE Manatee County	Contact Information Address/Telephone/E-Mail (if applicable)	Signature James Stockwell	Date 7/20/12
	1022 26th Ave. E., Bradenton, FL 34208		


- The Permittee declares that prior to filing this application, the location of all existing utilities that it owns or has an interest in, both aerial and underground, are accurately shown on the Plan and a letter of notification was mailed on 8/21/2011 to the following utilities known to be involved or potentially impacted in the area of the construction: **Verizon, Brightline, EPL, TECO gas, Manatee County Electric, (unaffiliated), Pasco River Gas.**
- The local Maintenance or Resident Engineer, hereinafter referred to as the FDOT Engineer, shall be notified a minimum of forty eight (48) hours in advance prior to starting work and again immediately upon completion of work. The FDOT Engineer is **Larisa Guice, PE** located at **Sarasota, FL**. The Permittee's employee responsible for MOT is **Dick Fischer**, Telephone Number **813-359-7300**.
- All work, materials, and equipment shall be subject to inspection and approval by the FDOT Engineer.
- All signs and installations shall conform to the requirements of the FDOT's UAM in effect as of the date this permit is approved by FDOT, and shall be made up by the permittee. This provision shall not limit the authority of the FDOT under Paragraph 8 of this Permit.
- The Permittee shall commence and complete construction in good faith within **180** days after issuance of permit, and shall be completed within **180** days after the permit is issued. If the beginning date is more than sixty (60) days from the date of permit approval, the Permittee must review the permit with the FDOT Engineer to make sure no changes have occurred to the transportation facility that would affect the permitted construction.
- The construction and maintenance of such utility shall not interfere with the property and rights of a prior Permittee.
- It is expressly stipulated that this permit is a license for permissive use only and that the placing of utilities upon public property pursuant to this permit shall not operate to create or vest any property right in said holder, except as provided in executed subordination and Railroad Utility Agreements. Pursuant to Section 337.403, Florida Statutes, any utility placed upon, under, over, or along any public road or publicly owned rail corridor that is found by FDOT to be unnecessarily interfering in any way with the convenient, safe, or continuous use, or maintenance, improvement, extension, or expansion, of such public road or publicly owned rail corridor shall, upon thirty (30) days written notice to the utility or its agent by FDOT, be removed or relocated by such utility at its own expense except as provided in Section 337.403(1), Florida Statutes, and except for reimbursement rights set forth in previously executed subordination and Railroad Utility Agreements, and shall apply to all successors and assigns for the permitted facility.
- It is agreed that in the event the relocation of said utilities are scheduled to be done simultaneously with the FDOT's construction work, the Permittee will coordinate with the FDOT before proceeding and shall cooperate with the FDOT contractor to arrange the sequence of work so as not to delay the work of the FDOT. In the event of any legal claims of the FDOT's contractor due to delays caused by the Permittee's failure to comply with the approved schedule and shall not, in any way, be held responsible for any delays beyond its control. In the event of non-compliance with the FDOT's requirements in effect as of the date this permit is issued, the Permittee shall be responsible for being brought into compliance or removed from the RW at no cost to the FDOT, except for reimbursement rights set forth in previously executed subordination and Railroad Utility Agreements. This provision shall not limit the authority of the FDOT under Paragraph 8 of this Permit.
- It is understood and agreed that the rights and privileges herein set out are granted only to the extent of the State's right, title and interest in the land to be entered upon and used by the Permittee, and the Permittee will, at all times, and to the extent permitted by law, assume all risk of and indemnify, defend, and save harmless the State of Florida and the FDOT from and against any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercise by said Permittee of the FDOT from and against any and all loss, damage, cost or expense arising in any manner on account of the devices that may be necessary in order to safely conduct the public through the project area in accordance with the Federal MUTCD, as amended by the FDOT.
- Should the Permittee be desirous of keeping its utilities in place and out of service, the Permittee, by execution of this permit acknowledges its present and continuing ownership of its utilities located between **_____** and **_____** within the FDOT's RW as set forth above. Whenever the Permittee removes its facilities, it shall be at the Permittee's sole cost and expense. The Permittee, at its sole expense, shall promptly remove said out of service utilities whenever the FDOT determines said removal is in the public interest.
- In the event contaminated soil is encountered by the Permittee or anyone within the permitted construction limits, the Permittee shall immediately cease work and notify the FDOT. The FDOT shall notify the Permittee of any suspension or revocation of the permit to allow contamination assessment and remediation. Said suspension or revocation shall remain in effect until otherwise notified by FDOT.
- For any excavation, construction, maintenance, or support activities performed by or on behalf of the FDOT, within its RW, the Permittee may be required by the FDOT or its agents to perform the following activities with respect to a Permittee's facilities: physically expose or direct exposure of underground facilities, provide any necessary support to facilities and/or cover, de-energize or alter aerial facilities as deemed necessary for protection and safety.

UTILITY PERMIT

16. Pursuant to Section 337.401(2), Florida Statutes, the permit holder to be responsible for damage resulting from the issuance of the permit. The FDOT may initiate injunctive proceedings as provided in s. 120.69 to enforce provisions of this subsection or any rule or order issued or entered into pursuant thereto.
17. Pursuant to Section 337.402, Florida Statutes, when any public road or publicly owned rail corridor is damaged or impaired in any way because of the installation, inspection, or repair of a utility located on such road or publicly owned rail corridor, the owner of the utility shall, at his or her own expense, restore the road or publicly owned rail corridor to its original condition before such damage. If the owner fails to make such restoration, the authority is authorized to do so and charge the cost thereof against the owner under the provisions of s. 337.404.
18. The Permittee shall comply with all provisions of Chapter 556, Florida Statutes, Underground Facilities Damage Prevention and Safety Act.
19. Special FDOT instructions:

I, the undersigned, understand and agree that commencement by the Permittee is acknowledgment and acceptance of the binding nature of all the above listed permit conditions and special instructions.

20. By receipt of this permit, the Permittee acknowledges responsibility to comply with Section 119.07, Florida Statutes.
 21. By the below signature, the Permittee hereby represents that no change to the FDOT's standard Utility Permit form, as incorporated by reference into Rule 14-46.001, for this Utility Permit has been made, which has not been previously called to the attention of the FDOT (and signified to by checking the appropriate box below) by a separate attached written document showing all changes and the written and dated approval of the FDOT Engineer. Are there attachments reflecting changes to the standard form? NO YES. If Yes, _____ pages are attached

PERMITTEE	Sia Mullanbazar, PE, Deputy Dir. Engrg. Services	SIGNATURE		DATE	7-24-12
APPROVED BY:	<i>Albert Chantrea</i>	Name & Title of Authorized Permittee or Agent (Typed or Printed Legibly)	District Maintenance Engineer or Designee	ISSUE DATE:	8-1-12

UTILITY PERMIT FINAL INSPECTION CERTIFICATION

DATE:	
DATE WORK STARTED:	
DATE WORK COMPLETED:	
INSPECTED BY:	(Permittee or Agent)
CHANGE APPROVED BY:	District Maintenance Engineer or Designee
DATE:	

I, the undersigned Permittee do hereby CERTIFY that the utility construction approved by the above numbered permit was inspected and installed in accordance with the approved plans made a part of this permit and in accordance with the FDOT's current UAM. All plan changes have been approved by the FDOT's Engineer and are attached to this permit. I also certify that the work area has been left in as good or better condition than when the work was begun.

PERMITTEE:	Name & Title of Authorized Permittee or Agent (Typed or Printed Legibly)	SIGNATURE:	DATE:
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CC: District Permit Office
Permittee



**MANATEE COUNTY
FLORIDA**

JUL 25 2012

LETTER OF TRANSMITTAL

DATE: July 20, 2012
TO: Ed Giddens, FDOT Permits Office, 1840 - 61st St., Sarasota, FL 34243
SUBJECT: Tara 20 Force Main Project - SR 70 at I-75
PROJECT #: 404-6079980

COPIES	DESCRIPTION
4	Utility Permit Application - signed

COPIES ARE TRANSMITTED FOR REASON(S) CHECKED BELOW:

For Your Records	For Your Information
As Per Your Request	Sign & Return
For Your Review & Comment	X For Your Approval

REMARKS:

Please call me if you require additional information.

Thank You

J Stockwell

Jim Stockwell, PE, Sr. Project Engineer
 Infrastructure Engineering Division, Ext. 7651

Cc: Wayne Troxler, PE, Utility Engineering Div. Mgr.
 Valerie Everts, FDOT Permits Office (By email)

S:\FWD_Engineering_Share\Util Eng Design\PROP-SAN SWR Proj\Tara_20_projects\DOC\Giddens\LOT01\permit.doc

FLORIDA DEPARTMENT OF TRANSPORTATION
Stormwater Pollution Control Reminder

- *Stormwater Management*

Contact your local municipality and/or the Southwest Florida Management District.

Bartow	(863) 534-1448
Venice (Sarasota)	(941) 278-7396
Fort Myers (Sarasota)	(941) 278-7396

- Fort Myers is also part of South Florida Water Management District (800) 432-2045.

- *Used Oil recycling*

Contact the Florida Department of Environmental Protection at (813) 744-6100 or your local automotive parts store.

- *Hazardous Waste Disposal*

Contact the Florida Department of Environmental Protection at (813) 744-6100.

- *Spill Reporting*

State Warning Point	(800) 320-0519
Federal Response Center	(800) 424-8802

- *Pesticides & Fertilizers*

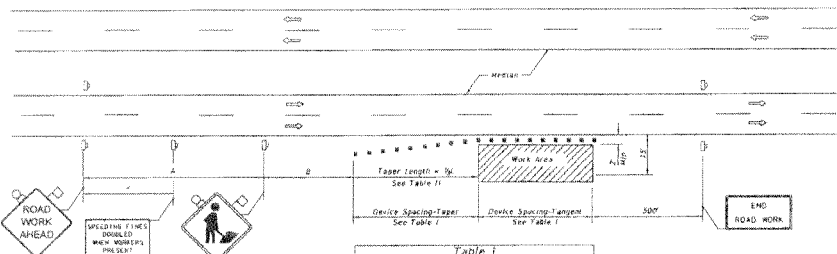
Contact your Local County Agricultural Extension Service.

Charlotte	(941) 764-4340
Collier	(239) 353-4244
Desoto	(863) 993-4846
Glades	(863) 946-0244
Hardee	(863) 773-2164
Hendry	(863) 674-4094
Highlands	(863) 402-6540
Lee	(239) 461-7500
Manatee	(941) 722-4524
Okeechobee	(863) 763-6469
Polk	(863) 519-8677
Sarasota	(941) 316-1000

LET'S WORK TOGETHER TO KEEP OUR ENVIRONMENT CLEAN...

AND INVEST IN FLORIDA'S FUTURE





Speed	Spacing (ft.)	
	A	B
40 mph or less	200	300
43 mph	250	350
50 mph or greater	500	500

*500' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less

Speed (mph)	Max. Distance Between Devices (ft.)			
	Type I or Type II Cones or Tubular Markers		Type I or Type II Barreled or Vertical Posts or Orbits	
	Taper	Taper	Taper	Taper
25	25	50	25	50
30 to 45	25	50	30	50
50 to 75	25	50	50	100

Speed (mph)	L (ft.)				Notes
	8'	10'	12'	Shor.	
25	28	35	47		* ESI 60'
30	40	50	67		
35	55	68	87		* LWS
40	72	90	120		
45	120	150	180		
50	120	150	200		
55	140	180	220		
60	160	200	240		
65	170	210	250		
70	180	220	260		

L = maximum shoulder width
 W = width of shoulder taper in feet
 W = width of total shoulder in feet (combined open and unopened work)
 S = posted speed limit (mph)

GENERAL NOTES

- If the work operation encroaches on the through traffic lanes or when four or more work vehicles enter the through traffic lanes in a one hour period, temporary rechanneling and re-forming the work area, a Taper shall be provided and a FLAGGER sign shall be substituted for the WORKER sign. The flagger shall be positioned at the point of vehicle entry or departure from the work area.
- This TCZ also applies to work performed in the median more than 7' but less than 12' from the edge of the roadway.
- When work is being performed on a multilane undivided roadway the signs remain installed in the median (as shown) shall be omitted.
- WORKER signs to be removed or fully covered when no work is being performed.
- SHOULDER WORK sign may be used as an alternate to the WORKER sign.
- When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TTC indexes.
- For general TTC requirements and additional information, refer to Index No. 600.

DURATION NOTES

- Signs and channelizing devices may be omitted if all of the following conditions are met:
 - Work operations are 60 minutes or less.
 - Vehicles in the work area have high-intensity rotating flashing, oscillating, or strobe light operation.

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRUSH THE AREA CLOSER THAN 15' BUT NOT CLOSER THAN 7' TO THE EDGE OF TRAVEL WAY

11/10/10

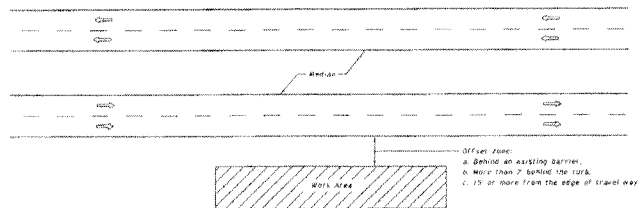
LAST REVISION	DESCRIPTION
07/01/07	



FDOT DESIGN STANDARDS
FY 2012/2013

MULTILANE, WORK ON SHOULDER

INDEX NO	SHEET NO
612	1



GENERAL NOTES

1. If the work operation (excluding establishing and terminating the work area), requires that two or more work vehicles cross the officer zone in any one hour, traffic control will be in accordance with Index No. 812.
2. No special signing is required.
3. This index also applies when work is being performed on a multi-lane undivided highway.
4. This index also applies to work performed in the median behind an existing barrier or more than 15' from the edge of travel way, both roadways. Work performed in the median behind curb and gutter shall be in accordance with Index No. 512.
5. When a side road intersects the highway within the work area, additional traffic control devices shall be placed in accordance with other applicable TCZ indexes.
6. When construction activities encroach on a sidewalk, refer to Index No. 660.
7. For general TCZ requirements and additional information, refer to Index No. 600.

SYMBOLS

Work Area

Lane Identification + Direction of Traffic

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS AND THEIR ACTIVITIES ARE BEHIND AN EXISTING BARRIER, MORE THAN 2' BEHIND THE CURB OR 15' OR MORE FROM THE EDGE OF TRAVEL WAY.

10-2023
 (11-23) 10-2023
 (11-23) 10-2023
 (11-23) 10-2023

LAST REVISION
07/01/05

DESCRIPTION

FDOT DESIGN STANDARDS
FY 2012/2013

MULTILANE WORK OUTSIDE SHOULDER

INDEX NO.
611

SHEET NO.
1

PERMIT VOID UNLESS DOT SARASOTA OPERATIONS OFFICE NOTIFIED 48 HOURS IN ADVANCE OF STARTING WORK. PHONE: (941) 552-7200

IF A LANE CLOSURE IS WITHIN THE PROJECT LIMITS, THE PERMITTEE MUST NOTIFY THE DEPARTMENT 7 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 PDOT 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 STATUTE 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. PDOT DESIGN CRITERIA OR SOUND ENGINEERING PRACTICE. THE CONSULTANT/ENGINEER IS SOLELY RESPONSIBLE FOR THE TECHNICAL ACCURACY, ENGINEERING JUDGEMENT, AND QUALITY OF HIS WORK

ALL CONTRACTORS AND SUBCONTRACTORS 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 CASUALTY 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 P.D.O. 1 STANDARD DESIGN INDEX DRAWING NUMBERS 102, 103 AND 104

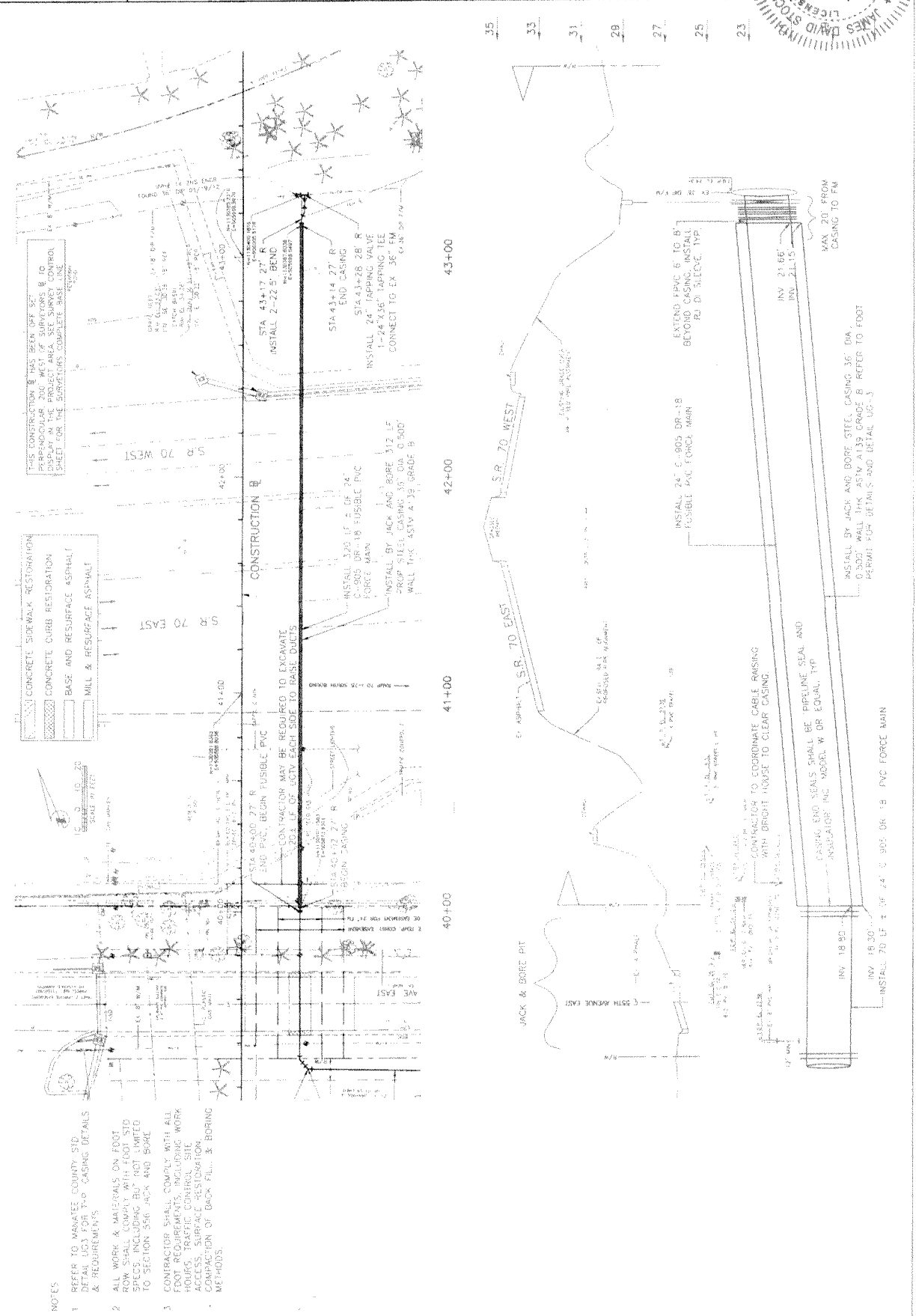
"IF CONSTRUCTION, RECONSTRUCTION, REPAIR OR MAINTENANCE ACTIVITY NECESSITATES THE CLOSING OF ONE OR MORE TRAVEL LANES OF ANY ROAD ON THE STATE, PRIMARY, COUNTY ROAD OR CITY STREET SYSTEM FOR A PERIOD OF TIME EXCEEDING TWO HOURS, THE PARTY PERFORMING SUCH WORK WILL BE RESPONSIBLE TO GIVE NOTICE TO THE 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

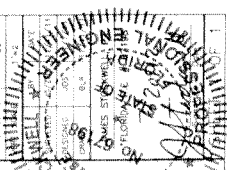




**PROPOSED 24" FORCE MAIN CROSSING
LOCATED ON SR 70 JUST WEST OF I-75
SECTION 13160, ROADWAY ID 13160000,
SR 70, MILE POST ≈ 5.162**



NO.	DESCRIPTION
1	REFER TO MANATEE COUNTY STD DETAIL UG-3 FOR T-P CASING DETAILS & REQUIREMENTS
2	ALL WORK & MATERIALS ON FOOT ROW SHALL COMPLY WITH FOOT ROW SPECS INCLUDING BUT NOT LIMITED TO SECTION 556 JACK AND BORE
3	CONTRACTOR SHALL COMPLY WITH ALL LOCAL REGULATIONS CONCERNING WORK METHODS, TRAFFIC CONTROL, ACCESS, SURFACE RESTORATION, COMPACTON OF BACK FILL, & BORING METHODS.



STATION	DESCRIPTION
40+00	INSTALL 24" C-905 DR-18 PVC FORCE MAIN
41+00	INSTALL 24" C-905 DR-18 PVC FORCE MAIN
42+00	INSTALL 24" C-905 DR-18 PVC FORCE MAIN
43+00	INSTALL 24" C-905 DR-18 PVC FORCE MAIN



FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

July 30, 2012

Herschel J. Vinyard Jr.
Secretary

Sia Mollanazar, Deputy Director Engineering
Manatee County Public Works Department
1022 26th Avenue East
Bradenton, FL 34308
sia.mollanazar@mymanatee.org

Re: General Permit for Construction of a Domestic Wastewater Collection/Transmission System
Project: Force Main Replacement- Lift Station Tara 20
Permit No.: CS41-0182518-375-DWC/CG
County: Manatee

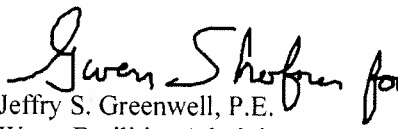
Dear Mr. Mollanazar:

The Department has received your Notice of Intent to Use the General Permit to construct a domestic wastewater collection/transmission system to serve an existing collection/transmission system. This project consists of approximately 3,300 linear feet of 24" PVC force main to supplement an existing 18" force main. No additional flow will be treated at the MC Southeast Regional Wastewater Treatment Facility. The Department received this Notice on July 5, 2012.

The Department has no objection to your use of a General Permit for the construction of a collection/transmission system that has been designed in accordance with the standards and criteria set forth in Rule 62-604.400, Florida Administrative Code (FAC). In accordance with Rules 62-4.530(1) and 62-604.600(6)(a)1., FAC, construction of this project shall not begin until at least 30 days after the receipt date (referenced above) of Application Form 62-604.300(8)(a). All General Permits are subject to the general conditions of Rule 62-4.540, FAC, (attached), and Rules 62-604.600 and 62-604.700, FAC. The construction activity must conform to the description contained in your Notice of Intent to Use the General Permit. Any deviation will subject the permittee to enforcement action and possible penalties.

If you have any questions, you may contact Bryant Facey at (813) 632-7600, extension 316 or via email at bryant.facey@dep.state.fl.us.

Sincerely,


Jeffery S. Greenwell, P.E.
Water Facilities Administrator
Southwest District

JG/bjf

Attachments: General Conditions
Location of Public Water System Mains

cc: James D. Stockwell, P.E., Manatee County Public Works Dept., jim.stockwell@mymanatee.org
Andy Fischer, Manatee County Public Works Dept., andy.fischer@mymanatee.org

62-4.540 General Conditions for All General Permits.

(1) The terms, conditions, requirements, limitations, and restrictions set forth in this Part are "general permit conditions" and are binding upon the permittee. The conditions are enforceable under Chapter 403, F.S.

(2) The general permit is valid only for the specific activity indicated. Any deviation from the specified activity and the conditions for undertaking that activity shall constitute a violation of the permit. The permittee is placed on notice that violation of the permit may result in suspension or revocation of the permittee's use of the general permit and may cause the Department to begin legal proceedings.

(3) The general permit does not convey any vested rights or any exclusive privileges. It does not authorize any injury to public or private property nor any invasion of personal rights. It does not authorize any infringement of federal, state or local laws or regulations. It does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent standards established by federal or local law.

(4) The general permit does not relieve the permittee from liability and penalties when the construction or operation of the permitted activity causes harm or injury to human health or welfare; causes harm or injury to animal, plant or aquatic life; or causes harm or injury to property. It does not allow the permittee to cause pollution in contravention of Florida Statutes and Department rules.

(5) The general permit conveys no title to land or water, nor does it constitute State recognition or acknowledgment of title. It does not constitute authority for reclamation of submerged lands. Only the Board of Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

(6) No general permit shall authorize the use of state owned land without the prior consent of the Board of Trustees of the Internal Improvement Trust Fund pursuant to Section 253.77, F.S.

(7) The general permit may be modified, suspended or revoked in accordance with Chapter 120, Florida Statutes, if the Secretary determines that there has been a violation of any of the terms or conditions of the permit, there has been a violation of state water quality standards or state air quality standards, or the permittee has submitted false, incomplete or inaccurate data or information.

(8) The general permit shall not be transferred to a third party except pursuant to Fla. Admin. Code Rule 62-4.120.

(9) The general permit authorizes construction and where applicable operation of the permitted facility.

(10) The permittee agrees in using the general permit to make every reasonable effort to conduct the specific activity or construction authorized by the general permit in a manner that will minimize any adverse effects on adjacent property or on public use of the adjacent property, where applicable, and on the environment, including fish, wildlife, natural resources of the area, water quality or air quality.

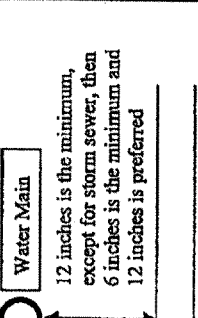
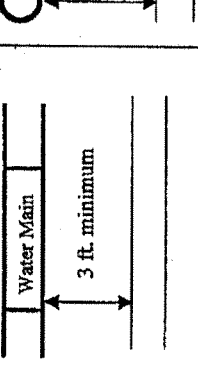

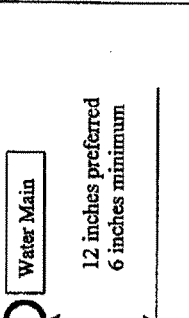
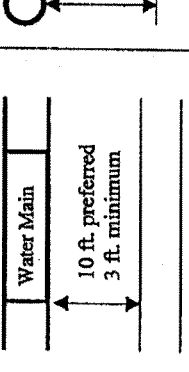

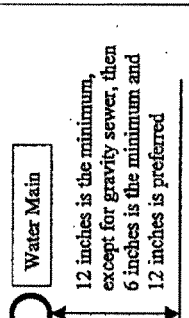
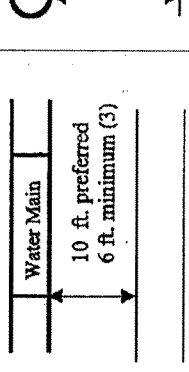

(11) The permittee agrees in using the general permit to allow a duly authorized representative of the Department access to the permitted facility or activity at reasonable times to inspect and test upon presentation of credentials or other documents as may be required by law to determine compliance with the permit and the Department rules.

(12) The permittee agrees to maintain any permitted facility, or activity in good condition and in accordance with the plans submitted to the department under Rule 62-4.530(1).

(13) A permittee's use of a general permit is limited to five years. However, the permittee may request continued use of the general permit by notifying the Department pursuant to Rule 62-4.530(1). However, the permittee shall give notice of continued use of a general permit thirty days before it expires.

Specific Authority 403.814(1) FS. Law Implemented 253.123, 253.124, 403.061, 403.087, 403.088, 403.702-403.73, 403.814, 403.851-403.864 FS. History - New 7-8-82, Formerly 17-5.54, Amended 8-31-88, Formerly 17-4.540.

LOCATION OF PUBLIC WATER SYSTEM MAINS IN ACCORDANCE WITH F.A.C. RULE 62-555.314

Other Pipe	Horizontal Separation	Crossings (1)	Joint Spacing @ Crossings (Full Joint Centered)
Storm Sewer, Stormwater Force Main, Reclaimed Water (2)	 <p>Water Main 3 ft. minimum</p>	 <p>Water Main 12 inches is the minimum, except for storm sewer, then 6 inches is the minimum and 12 inches is preferred</p>	 <p>Water Main Alternate 3 ft. minimum</p>
Vacuum Sanitary Sewer	 <p>Water Main 10 ft. preferred 3 ft. minimum</p>	 <p>Water Main 12 inches preferred 6 inches minimum</p>	 <p>Water Main Alternate 3 ft. minimum</p>
Gravity or Pressure Sanitary Sewer, Sanitary Sewer Force Main, Reclaimed Water (4)	 <p>Water Main 10 ft. preferred 6 ft. minimum (3)</p>	 <p>Water Main 12 inches is the minimum, except for gravity sewer, then 6 inches is the minimum and 12 inches is preferred</p>	 <p>Water Main Alternate 6 ft. minimum</p>
On-Site Sewage Treatment & Disposal System	10 ft. minimum	---	---

(1) Water main should cross above other pipe. When water main must be below other pipes, the minimum separation is 12 inches.
 (2) Reclaimed water regulated under Part III of Chapter 62-610, F.A.C.
 (3) 3 ft. for gravity sanitary sewer where the bottom of the water main is laid at least 6 inches above the top of the gravity sanitary sewer.
 (4) Reclaimed water not regulated under Part III of Chapter 62-610, F.A.C.