

Meeting Date
July 11, 2017



AGENDA	
Section	Consent
Item No.	<i>II. A. 7</i>

AGENDA REPORT
BREVARD COUNTY BOARD OF COUNTY COMMISSIONERS

SUBJECT:	Approval Re: Interlocal Agreement with the City of Melbourne Pertaining to the Utility Deactivation and Installation at Pineda Causeway Overpass at FEC Crossing – District 4 (Fiscal Impact: Estimated \$734,039.52 FDOT Grant Eligible Expense)
DEPT/OFFICE:	Public Works Department – Finance and Contracts Administration

Requested Action:

It is requested that the Board of County Commissioners approve and authorize the Chairman to execute the Interlocal Agreement with the City of Melbourne pertaining to the utility abandonment and installation (water main) at the Pineda Causeway Overpass at FEC Crossing.

Summary Explanation & Background:

Public Works plans to construct an overpass at Pineda Causeway at the FEC crossing near U.S. 1 in Melbourne. The City of Melbourne has notified the County that they desire to have a new utility (water main) installed and deactivate the existing water main in the County right-of-way of Pineda Causeway during the County's construction of the Pineda Causeway Overpass.

The cost estimate to install and deactivate the City's utilities is \$734,039.52 as depicted in Exhibit "A" prepared by DRMP, Inc. (Engineer of Record). As indicated in the Joint Participation Agreement with Florida Department of Transportation (FDOT) Scope of Services, utility relocation is a grant eligible expense. The Interlocal Agreement outlines the terms and conditions of the utility abandonment and installation. The City shall only compensate the County for the costs of the deactivation and/or installation of the water main if any of the following occur:

- (a) The County does not receive reimbursement from FDOT for the deactivation and/or installation of the City's utilities.
- (b) The County exceeds the maximum limiting amount provided by FDOT for the construction of the Pineda Causeway Overpass.

Performing the utilities work in conjunction with the overpass construction will help to alleviate inconvenience to citizens traveling in the project area. Additionally, this coordination between the City and the County will prevent unnecessary duplication of work effort and promote efficiency.

Fiscal Impact: FY 2017/2018 - There is no cost to Brevard County for this action. Utility installation and deactivation of the City's water main estimated at \$734,039.52 is a grant eligible expense.

Clerk to the Board Instructions: Please return Interlocal Agreement (3 originals) to Public Works for further action by the City.

Exhibits Attached: Interlocal Agreement (3 originals)

Contract /Agreement (If attached): Reviewed by County Attorney Yes No PR

Interim County Manager	Assistant County Manager Venetta Valdengo	Department Director / Extension
Frank Abbate <i>[Signature]</i>	Interim Assistant County Manager John P. Denninghoff <i>[Signature]</i>	<i>[Signature]</i> Andrew J. Holmes, P.E., Interim Director / 57202



Tammy Rowe, Clerk to the Board, 400 South Street • P.O. Box 999, Titusville, Florida 32781-0999

Telephone: (321) 637-2001
Fax: (321) 264-6972
Tammy.Rowe@brevardclerk.us

July 12, 2017

MEMORANDUM

TO: Andrew Holmes, Interim Public Works Director

RE: Item II.A.7., Interlocal Agreement with City of Melbourne Pertaining to the Utility Deactivation and Installation at Pineda Causeway Overpass at FEC Crossing

The Board of County Commissioners, in regular session on July 11, 2017, executed Interlocal Agreement with City of Melbourne pertaining to the utility abandonment and installation (water main) at the Pineda Causeway Overpass at FEC Crossing. Enclosed are three executed Interlocal Agreements.

Upon execution by the City of Melbourne, please return a fully-executed Interlocal Agreement to this office for inclusion in the official minutes.

Your continued cooperation is always appreciated.

Sincerely,

BOARD OF COUNTY COMMISSIONERS
SCOTT ELLIS, CLERK

Tammy Rowe

Tammy Rowe, Deputy Clerk

Encls. (3)

cc: Contracts Administration

**BREVARD COUNTY
BOARD OF COUNTY COMMISSIONERS**

INITIAL CONTRACT FORM

SECTION I - The following information must be completed on all new contracts submitted to the Board.

1. Contractor:	
2. Fund/Account #:	Department Name: Public Works
4. Contract Description: Interlocal Agreement with City of Melbourne re: Utility Installation & Abandonment at Pineda	
5. Contract Monitor: Jeanette Scott	6. Mail Stop #: EXT 52853
7. Dept./Office Director: Andrew J. Holmes, P.E., Interim Public Works Director	8. Contract Type: Intergov. Local
ACTION DATE: 30 days from entry	ACTION REQUIREMENT: Need complete data

SECTION II - The following departments must approve all contracts submitted to the Board:

<u>COUNTY OFFICE</u>	<u>APPROVAL</u>		<u>INITIALS</u>	<u>DATE</u>
	<u>YES</u>	<u>NO</u>		
User Agency	_____	_____	_____	_____
Risk Management	_____	_____	_____	_____
County Attorney	✓	_____	DEG	6/19/2017

If any office denies approval, the package will be returned immediately to the User Agency.

SECTION III - CONTRACT MANAGEMENT DATABASE CHECKLIST

DATABASE REQUIRED FIELDS	Complete ✓
Department Information	<input type="checkbox"/>
Department	<input type="checkbox"/>
Program	<input type="checkbox"/>
Contact Name	<input type="checkbox"/>
Cost Center, Fund and GL Account	<input type="checkbox"/>
Vendor Information (SAP Vendor #)	<input type="checkbox"/>
Contract Status	<input type="checkbox"/>
Contract Title	<input type="checkbox"/>
Contract Type	<input type="checkbox"/>
Contract Amount	<input type="checkbox"/>
Storage Location (SAP)	<input type="checkbox"/>
Contract Approval Date	<input type="checkbox"/>
Contract Effective Date	<input type="checkbox"/>
Contract Expiration Date	<input type="checkbox"/>
Contract Absolute End Data (No Additional renewals/extensions)	<input type="checkbox"/>
Material Group	<input type="checkbox"/>
Contract Documents Uploaded in database (Initial Contract Form with County Attorney/Risk Management Approval; Signed/Executed Contract)	<input type="checkbox"/>
Monitored items: Uploaded to database (Insurance, Bonds, etc.)	<input type="checkbox"/>
Note: Insurance Certificates uploaded under collapsible/expandable <u>Monitor Bar Section</u> Change Order/Task Order uploaded under collapsible/expandable <u>Monitor Bar Section</u> Contract Renewal documents uploaded under collapsible/expandable <u>Renewal /Bar Section</u>	

NOTE: This form should be attached to all new contracts being submitted to the Board for approval. After the contract has been approved, the contract package, including this form, will go to the Clerk to the Board. The Clerk's office will return the Initial Contract Form, Executed/Attested Contract to department for contract to be entered and uploaded into the Contract Management System. See AO-29 for additional information.

INTERLOCAL AGREEMENT
CITY OF MELBOURNE WATER MAIN
PINEDA CAUSEWAY

THIS INTERLOCAL AGREEMENT, made and entered into 11 day of July, 2017, by and between the City of Melbourne, Brevard County, Florida, a political subdivision of the State of Florida, hereinafter referred to as "CITY" and the Board of County Commissioners of Brevard County, Florida, a political subdivision of the State of Florida, hereinafter referred to as "COUNTY".

WITNESSETH:

WHEREAS, a portion of Pineda Causeway is located in the unincorporated area of Brevard County, Florida (hereinafter referred to as the "PUBLIC RIGHT-OF-WAY"); and

WHEREAS, the COUNTY owns the PUBLIC RIGHT-OF-WAY; and

WHEREAS, the COUNTY will be constructing an overpass at the Florida East Coast (FEC) railway crossing on Pineda Causeway; and

WHEREAS, this construction will require the relocation of the CITY'S water main within the project limits; and

WHEREAS, the CITY has an existing utility in the PUBLIC RIGHT OF WAY that will be deactivated, and

WHEREAS, the CITY desires to leave those deactivated utilities, specifically a water main, in the PUBLIC RIGHT-OF-WAY; and

WHEREAS, the CITY desires to install a new water main in the PUBLIC RIGHT-OF-WAY; and

WHEREAS, the COUNTY and Florida Department of Transportation (FDOT) entered into Joint Participation Agreement on December 29, 2011; and

WHEREAS, FDOT agreed in the Joint Participation Agreement to reimburse the COUNTY a maximum participating amount of \$18,520,000.00 for construction and construction management expenses; and

WHEREAS, the deactivation of existing utilities (water valves, sewer valves, utility markers, etc.) and installation of new utilities is an expense eligible for reimbursement by FDOT, per the Joint Participation Agreement.

NOW THEREFORE, the COUNTY and CITY covenant and agree that they have full power and authority to enter into this Agreement and bind their respective governmental entities as follows:

- (1) The above recitals are true and correct and by this reference are hereby incorporated into and made an integral part of this Agreement.
- (2) Statutory Authority: This Agreement shall be considered an Interlocal Agreement pursuant to authority of Florida Statutes, Chapter 163 Part 1, 2013.
- (3) CITY Shall Be Responsible for the Following Deactivation Conditions:
 - (a) Full grouting of the deactivated water main.
 - (b) The COUNTY'S contractor of the Pineda Causeway Overpass at the FEC crossing shall provide the COUNTY and CITY As-Built Survey Drawings of the deactivated and new water main which the CITY shall maintain.
 - (c) Maintain record location of the deactivated and new water main.
 - (d) Provide locates when needed, similarly as with active water mains.
 - (e) CITY maintains ownership of the deactivated utilities. The COUNTY agrees to use all reasonable efforts to design and construct future projects to avoid and work around the CITY'S abandoned water main. In the event a future project designed by the COUNTY conflicts with the CITY'S abandoned water main, the COUNTY agrees to provide the CITY with notice of such design and the CITY shall be provided a reasonable opportunity to participate in the redesign of the conflict.
- (4) Approval of Plans: The CITY has had the opportunity to review and approve plans and specifications related to the CITY'S water main as prepared by DRMP, Inc., the Engineer of Record. As the maintenance authority of the Public Right-Of-Way of this PROJECT, the design intent shall conform to COUNTY standards, notwithstanding other approvals.
- (5) Construction Review Meetings: The CITY shall have the right to have a representative present at any construction site meetings or construction progress meetings which shall be set at such time and place as the COUNTY deems appropriate. The COUNTY shall provide five (5) days advance notice of date, time, and location of meeting, unless an emergency

meeting is required, in which case all best efforts shall be made to contact the CITY'S designated representative.

(6) CITY'S Financial Contribution: The CITY shall only compensate the COUNTY for the construction costs of the deactivation of the existing water main and installation of the water main estimated at \$734,039.52 as prepared by DRMP, Inc. (Engineer of Record) and indicated in Exhibit "A", attached hereto, if any and/or all of the following occur:

- (a) The COUNTY does not receive reimbursement from FDOT for the deactivation and/or installation of the CITY'S water mains.
- (b) The COUNTY exceeds the maximum limiting amount provided by FDOT for the construction of the Pineda Causeway Overpass.

In the event of (6) (a) or (b), the CITY shall reimburse the COUNTY for the amount owed to cover any outstanding costs associated with the deactivation and/or installation of the CITY'S water main with 45 days of notice by the COUNTY to the CITY.

(7) Notices: All notices required under the Agreement shall be in writing and delivered to the parties by United States mail, as follows:

- (a) CITY Representative
Ralph Reigelsperger
Public Works Director
900 East Strawbridge Avenue
Melbourne, FL 32901
- (b) COUNTY Representative
Tammy Thomas-Wood
Public Works Support Services Manager
2725 Judge Fran Jamieson Way, Building A
Viera, Florida 32940

(8) Term: The term of this Agreement shall begin upon signature by the last party. The term of the Agreement shall continue for ten (10) years, automatically renewing each year thereafter in regards to the deactivated water main, Paragraph 3. All other terms of this Agreement shall expire upon final reimbursement to the COUNTY for the deactivation and installation of the CITY'S water mains either by FDOT and/or the CITY.

(9) Indemnification: The CITY agrees that it will indemnify and hold harmless the COUNTY, to the extent permitted by law, from any and all liability, claims, damages, expenses, proceedings, and causes of action of any kind

and/or nature arising out of or connected with the deactivated utilities being left in the PUBLIC RIGHT-OF-WAY. In the event the CITY is required to remove the deactivated utilities and repair the PUBLIC RIGHT-OF-WAY, the CITY shall indemnify and hold harmless the COUNTY, to the extent allowed by law, from any and all liability, claims, damages, expenses, proceedings, and causes of action of every kind and nature arising directly and solely out of the CITY'S removal of those utilities and restoration of the PUBLIC RIGHT-OF-WAY.

The CITY agrees that it will, at its own expense, defend any and all actions, writs, or proceedings which are brought against the COUNTY and which arise out of circumstances set out previously in this paragraph; and that it will satisfy, pay and discharge any and all judgments that may be entered against the COUNTY in any such actions or proceedings.

Nothing in the Agreement, express or implied, is intended to be nor shall be construed as a waiver or limitation of the CITY's or COUNTY'S right to sovereign immunity under Section 768.28, Florida Statutes or other applicable provision of law.

- (10) Default: Either party to this Agreement, in the event of any act of default by the other, shall have all remedies available to it under the laws of the State of Florida.
- (11) Severability: If any part of this Agreement is found invalid or unenforceable by any court, such invalidity or unenforceability shall not affect the other parts of this Agreement if the rights and obligations of the parties contained herein are not materially prejudiced and if the intentions of the parties can still be accomplished.
- (12) Effective Date: The effective date of this Agreement shall be the date on which the last signature required to execute this Agreement is affixed.
- (13) Recording: Upon execution of this Agreement, the CITY shall record a fully executed original of this Agreement in the Public Records of Brevard County, Florida, and shall return a recorded original of the Agreement to the COUNTY REPRESENTATIVE listed in Paragraph (4).
- (14) Partnership: By entering into this Agreement, the COUNTY shall not be or become a partner or joint venture with CITY in the installation of the new utility and the deactivation of the existing utilities. The COUNTY is merely allowing the installation of new utilities and deactivated existing utilities to remain in the PUBLIC RIGHT-OF-WAY. The COUNTY shall not be deemed to take ownership of or responsibility for the utilities unless expressly provided in writing.

- (15) Ownership: CITY maintains ownership of the deactivated utilities. If the deactivated utilities are required to be removed or relocated in the future, the CITY shall be responsible for the expense to remove or relocate said utilities and to restore the PUBLIC RIGHT-OF-WAY to its original condition. The COUNTY does not assume ownership of the deactivated utilities unless expressly provided in writing.
- (16) Termination Clause: This Agreement shall be enforceable until terminated in writing by either party as provided in paragraph (14). The COUNTY or the CITY shall have the right to terminate this Agreement with or without cause by furnishing 45 days written notice as provided in Paragraph (4).

If either party terminates this agreement the CITY shall remove all deactivated utilities from the PUBLIC RIGHT-OF-WAY and restore the road to its previous condition or the CITY shall reimburse the COUNTY for the cost of such removal and restoration.

- (17) Breach: In the event the COUNTY determines that the CITY has breached any term or provision of this Agreement, the COUNTY shall provide written notice of such breach to the CITY and the CITY shall have forty-five (45) days after receipt of such notice to cure such breach or, if such breach is of a nature that it cannot be reasonably cured within such forty-five (45) day period, then the CITY shall have a longer period to cure the breach as is reasonably necessary provided, however, that the CITY commences reasonable action to cure within the forty-five (45) day period and diligently and continuously pursues such cure to completion.
- (18) Attorney's Fees: In the event of any legal action to enforce the terms of this contract, each party shall bear its own attorney's fees and costs. This provision shall not be interpreted to be a pledge of ad valorem tax revenues.
- (19) Venue and Non-Jury Trial: Any legal action to enforce, interpret, or construe the terms of this contract, shall be in a court of competent jurisdiction in and for Brevard County, Florida and **any trial shall be a non-jury trial.**

Compliance with Statutes: It shall be the CITY's responsibility to be aware of and comply with all federal, state, and local laws.

- (20) Entirety: This Agreement represents the understanding and agreement of the parties in its entirety. There shall be no amendments to the Agreement unless such amendments are in writing and signed by both parties.

IN WITNESS WHEREOF, the parties hereto have set their hands and seals.

ATTEST:

BOARD OF COUNTY COMMISSIONERS
OF BREVARD COUNTY, FLORIDA

City Clerk



(Name, Title) CURT SMITH CHAIRMAN
Date: 7/11/17
As approved by Board July 11, 2017

ATTEST:

CITY OF MELBOURNE:



Scott Ellis, Clerk

(Name, Title)
Date: _____

APPROVED AS TO LEGAL FORM:



Assistant County Attorney

Exhibit "A"

ENGINEER'S COST ESTIMATE					
PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	UNIT COST	QTY.	TOTAL COST
1050 11222	UTILITY PIPE, F&I,PVC,WATER/SEWER,2-4.9" (2")	LF	\$ 51.65	307	\$ 15,856.55
1050 11223	UTILITY PIPE, F&I,PVC,WATER/SEWER,5-7.9" (6")	LF	\$ 51.65	18	\$ 929.70
1050 11224	UTILITY PIPE, F&I,PVC,WATER/SEWER,8-19.9" (8")	LF	\$ 98.73	231	\$ 22,806.63
1050 11424	UTILITY PIPE, F&I, DI/CI, WATER / SEWER, 8 - 19.9" (8")	LF	\$ 117.96	299	\$ 35,270.04
1050 11424	UTILITY PIPE, F&I, DI/CI, WATER / SEWER, 8 - 19.9" (16")	LF	\$ 117.96	1412	\$ 166,559.52
1050 16002	UTILITY PIPE,REMOVE & DISPOSE, 2-4.9" (2" PVC WTR SRV)	LF	\$ 13.94	350	\$ 4,879.00
1050 16004	UTILITY PIPE,REMOVE & DISPOSE, 8-19.9" (8" PVC WM)	LF	\$ 24.71	185	\$ 4,571.35
1050 16004	UTILITY PIPE,REMOVE & DISPOSE, 8-19.9" (16" DIP WM)	LF	\$ 24.71	50	\$ 1,235.50
1050 16004	UTILITY PIPE,REMOVE & DISPOSE, 8-19.9" (8" DIP WM)	LF	\$ 24.71	145	\$ 3,582.95
1050 18004	UTILITY PIPE,PLUG & PLACE OUT OF SERVICE, 8-19.9" (GROUT FILL EXISTING 8" WM)	LF	\$ 36.77	200	\$ 7,354.00
1050 18004	UTILITY PIPE,PLUG & PLACE OUT OF SERVICE, 8-19.9" (GROUT FILL EXISTING 12" WM)	LF	\$ 36.77	200	\$ 7,354.00
1050 18004	UTILITY PIPE,PLUG & PLACE OUT OF SERVICE, 8-19.9" (GROUT FILL EXISTING 16" WM)	LF	\$ 36.77	1835	\$ 67,472.95
1050 42218	UTILITY PIPE- HIGH DENSITY POLYETHYLENE, FURNISH & INSTALL, WATER/SEWER, (18" DIRECT BURY)	LF	\$ 117.96	600	\$ 70,776.00
1050 61130	UTILITY PIPE- STEEL, FURNISH & INSTALL, CASING, 30"	LF	\$ 262.00	321	\$ 84,102.00
1055 11414	UTILITY FITTINGS, F&I, DI/CI, ELBOW, 8 - 19.9" (8")	EA	\$ 1,160.59	19	\$ 22,051.21
1055 11414	UTILITY FITTINGS, F&I, DI/CI, ELBOW, 8 - 19.9" (16")	EA	\$ 1,160.59	28	\$ 32,496.52
1055 11424	UTILITY FITTINGS, F&I, DI/CI, TEE, 8 - 19.9" (8"X4" TEE)	EA	\$ 1,241.87	2	\$ 2,483.74
1055 11424	UTILITY FITTINGS, F&I, DI/CI, TEE, 8 - 19.9" (8"X6" TEE)	EA	\$ 1,241.87	1	\$ 1,241.87
1055 11424	UTILITY FITTINGS, F&I, DI/CI, TEE, 8 - 19.9" (16" TEE)	EA	\$ 1,241.87	7	\$ 8,693.09
1055 11434	UTILITY FITTINGS, F&I, DI/CI, REDUCER, 8 - 19.9" (16" X 12" REDUCER)	EA	\$ 653.62	1	\$ 653.62
1055 11444	UTILITY FITTINGS, F&I,DI/CI, UNION,8-19.9" (18" HDPE ADAPTER)	EA	\$ 1,104.69	6	\$ 6,628.14
1055 11454	UTILITY FITTINGS, F&I, DI/CI, CAP/PLUG, 8 - 19.9" (8" CAP)	EA	\$ 766.10	5	\$ 3,830.50
1055 11454	UTILITY FITTINGS, F&I, DI/CI, CAP/PLUG, 8 - 19.9" (12" CAP)	EA	\$ 766.10	3	\$ 2,298.30
1055 11454	UTILITY FITTINGS, F&I, DI/CI, CAP/PLUG, 8 - 19.9" (16" CAP)	EA	\$ 766.10	9	\$ 6,894.90
1080 15	UTILITY FIXTURE, ADJUST / MODIFY (ADJUST EXISTING VALVE BOX TO PROP GRADE)	EA	\$ 909.18	1	\$ 909.18
1080 16	UTILITY FIXTURES, REMOVE (6" DDCV)	EA	\$ 520.22	1	\$ 520.22
1080 16	UTILITY FIXTURES, REMOVE (8" METER, BACKFLOW PREVENTER)	EA	\$ 520.22	3	\$ 1,560.66
1080 16	UTILITY FIXTURES, REMOVE (2" METER, BACKFLOW PREVENTER)	EA	\$ 520.22	4	\$ 2,080.88
1080 11 201	UTILITY FIXTURES, F&I, 2-4.9" METER (2" METER)	EA	\$ 1,371.28	2	\$ 2,742.56
1080 11 202	UTILITY FIXTURES, F&I, 2-4.9" BACKFLOW ASSEMBLY (2" BFP)	EA	\$ 2,510.00	2	\$ 5,020.00
1080 11 402	UTILITY FIXTURES, F&I, 8-19.9" BACKFLOW ASSEMBLY (8" DDCV)	EA	\$ 10,185.00	2	\$ 20,370.00
1080 11 203	UTILITY FIXTURES, F&I, 2.0-4.9" TAPPING SADDLE/SLEEVE (2"X2" WET-TAP)	EA	\$ 2,516.63	2	\$ 5,033.26
1080 11 302	UTILITY FIXTURES, F&I, 5-7.9" BACKFLOW ASSEMBLY (6" DDCV)	EA	\$ 3,019.96	1	\$ 3,019.96
1080 11403	UTILITY FIXTURES, F&I, 8.0-19.9" TAPPING SADDLE/SLEEVE (8"X8" WET-TAP)	EA	\$ 5,035.59	2	\$ 10,071.18
1080 11403	UTILITY FIXTURES, F&I, 8.0-19.9" TAPPING SADDLE/SLEEVE (12"X12" WET-TAP)	EA	\$ 5,035.59	1	\$ 5,035.59
1080 11403	UTILITY FIXTURES, F&I, 8.0-19.9" TAPPING SADDLE/SLEEVE (16"X16" WET-TAP)	EA	\$ 5,035.59	2	\$ 10,071.18
1080 11304	UTILITY FIXTURES, F&I, 5.0-7.9", VALVE ASSEMBLY (6" GV)	EA	\$ 1,359.08	2	\$ 2,718.16
1080 11404	UTILITY FIXTURES, F&I, 8.0-19.9", VALVE ASSEMBLY (8" GV)	EA	\$ 2,802.62	3	\$ 8,407.86
1080 11404	UTILITY FIXTURES, F&I, 8.0-19.9", VALVE ASSEMBLY (12" GV)	EA	\$ 2,802.62	1	\$ 2,802.62
1080 11404	UTILITY FIXTURES, F&I, 8.0-19.9", VALVE ASSEMBLY (16" GV)	EA	\$ 2,802.62	2	\$ 5,605.24
1080 11404	UTILITY FIXTURES, F&I, 8.0-19.9", VALVE ASSEMBLY (16" GV SIDE ACTUATED)	EA	\$ 2,802.62	4	\$ 11,210.48
1080 11 207	UTILITY FIXTURE- LINE STOP ASSEMBLY, FURNISH AND INSTALL, 2.0-4.9" (2")	EA	\$ 2,740.00	2	\$ 5,480.00
1080 11407	UTILITY FIXTURE- LINE STOP ASSEMBLY, FURNISH AND INSTALL, 8-19.9" (8")	EA	\$ 5,646.08	2	\$ 11,292.16
1080 11407	UTILITY FIXTURE- LINE STOP ASSEMBLY, FURNISH AND INSTALL, 8-19.9" (12")	EA	\$ 5,646.08	1	\$ 5,646.08
1080 11407	UTILITY FIXTURE- LINE STOP ASSEMBLY, FURNISH AND INSTALL, 8-19.9" (16")	EA	\$ 5,646.08	1	\$ 5,646.08
1080 11106	UTILITY FIXTURE, VAC/AIR ASSEMBLY, FURNISH & INSTALL 2"	EA	\$ 1,575.00	2	\$ 3,150.00
1080 11112	UTILITY FIXTURE- SAMPLE POINT, FURNISH & INSTALL	EA	\$ 553.10	12	\$ 6,637.20
1644116 08	FIRE HYDRANT, STANDARD, F&I, 3 WAY, 2 HOSE, 1 PUMPER, 6"	EA	\$ 3,100.00	2	\$ 6,200.00
1644900	FIRE HYDRANT, REMOVE	EA	\$ 983.11	2	\$ 1,966.22
0350 3 5	PLAIN CEMENT CONCRETE PAVEMENT, 8" (DITCH CROSSING A-108)	SY	\$ 53.11	15	\$ 796.65
425 2 92	MANHOLE J-8 >10 (ACCESS VAULT)	EA	\$ 10,018.02	1	\$ 10,018.02
	Subtotal Water Main Component				\$ 734,039.52