

**RELOCATION OF WATER LINES
ALONG FM 969 FROM Decker Lane (FM 3177) TO FM 973
INTERLOCAL AGREEMENT
CITY OF AUSTIN AND TRAVIS COUNTY**

This Interlocal Agreement (this "Agreement") is made and entered into by and between the City of Austin, Texas (the "City") and Travis County, Texas (the "County"), hereinafter collectively referred to as the "Parties," upon the premises and for the consideration stated herein.

Recitals

1. The County and the Texas Department of Transportation ("TxDOT") have entered into an Interlocal agreement, Contract No. PT2011-003-01, that authorizes the County to construct FM 969 from Decker Lane (FM 3177) to FM 973 to a four-lane roadway with a continuous turn lane and associated improvements (the "Roadway Project").
2. Under the Interlocal agreement between the County and TxDOT, the County is responsible for providing engineering services for the Roadway Project, and TxDOT is responsible for construction of the Roadway Project
3. The Roadway Project consists of Phase 1 for FM 969 from Decker Lane (FM 3177) to FM 973.
4. The Interlocal agreement between the County and TxDOT provides that, if the Roadway Project requires the adjustment, removal, or relocation of existing utilities, the County would be responsible for:
 - (a) notifying the appropriate utility company to schedule adjustments; and
 - (b) all costs associated with adjustment, removal, or relocation of utilities during the construction of the Roadway Project unless this work is provided by the owners of the utility facilities at the owners' expense.
5. The City owns water lines (the "City Utility Lines") located within the existing ROW of the limits of Phase 1 of the Roadway Project.
6. The City Utility Lines conflict with driveways and culverts for Phase 1 of the Roadway Project and need to be relocated.
7. As the owner of the City Utility Lines within TxDOT ROW, the City is responsible for costs associated with adjusting, removing, and relocating them.

8. The Travis County Commissioners Court and the Austin City Council each finds that the Project will provide increased safety for persons using FM 969, facilitate the movement of people, goods, and services in the City of Austin and Travis County, and benefit the residents of the City of Austin and the residents of Travis County.
9. For purposes of cost efficiency, scheduling, and transportation planning, the Parties desire to cooperate to adjust and relocate the City Utility Lines (the "Waterline Improvements") so that the Roadway Project can proceed without delay or disruption.
10. The City will use City staff to perform the design of the relocation of the City Utility Lines.
11. The County will work with TxDOT to include relocation of the City Utility Lines in TxDOT's solicitation for construction bids for the Roadway Project.
12. The Parties intend to conform this Agreement in all respects with the Interlocal Cooperation Act, Texas Government Code Section 791.001 et seq.

NOW, THEREFORE, the Parties agree as follows:

1. Project Management.
 - (a) The Director of Public Works of the Travis County Transportation and Natural Resources Department (the "County's Director") will act on behalf of the County with respect to the Roadway Project and the Waterline Improvements (which are more particularly described in **Exhibit A** and **Exhibit B**, respectively), coordinate with the City and TxDOT, receive and transmit information and instructions, and will have complete authority to interpret and define the County's policies and decisions with respect to the Waterline Improvements and the Roadway Project. The County's Director will designate a County Project Manager and may designate other representatives to act on behalf of the County with respect to the Waterline Improvements.
 - (b) The Austin Water Utility Director (the "City's Director") will act on behalf of the City with respect to the Waterline Improvements and Roadway Project, coordinate with the County and TxDOT, receive and transmit information and instructions, and will have complete authority to interpret and define the City's policies and decisions with respect to the Waterline Improvements and Roadway Project. The City's Director may designate a City Project Manager and may designate other representatives to act on behalf of the City with respect to the Waterline Improvements and the Roadway Project.

- (c) If a disagreement between the Parties arises regarding engineering design, design and construction standards, plans and specifications, inspection and testing, deficiencies and remedial action, change orders, or any other requirement or provision of this Agreement, and the disagreement is not resolved by the Parties' Project Managers, it shall be referred as soon as possible to the Parties' Directors for resolution. If the Directors do not resolve the issue, it shall be referred as soon as possible to the Assistant City Manager responsible for Austin Water Utility and the County Executive of the Travis County Transportation and Natural Resources Department for resolution.

2. Project Development.

- (a) The City will be responsible for the development of the design, plans, specifications, construction inspection, and testing for the Waterline Improvements. The plans and specifications for the Waterline Improvements shall be in accordance with the design and construction standards of the City. The City will be responsible for any required modifications to the engineering design, plans, and specifications for the Waterline Improvements, during the development and construction of the Roadway Project.
- (b) The City has provided the County the engineering design, plans, specifications, and final construction cost estimate for the Waterline Improvements.
- (c) The City will be responsible for any required modifications to the engineering design, plans, and specifications for the Waterline Improvements during the development and construction of the Waterline Improvements.
- (d) The City will ensure that its design engineer provides professional liability, automobile liability, and general liability insurance in accordance with the standard requirements of the City for such projects, during the term of the design and construction of the Waterline Improvements and will have the County named as an additional insured with respect to general liability and automobile liability coverage or in the alternative, the City may design the Waterline Improvements with its in-house professional engineering.
- (e) The City and, to the extent set forth herein, the County will be responsible for the review and approval of the engineering design, plans and specifications and for construction inspection and testing

for the Waterline Improvements. In addition, the City and, to the extent set forth herein, the County will be responsible for the review and approval of any modifications to the engineering design, plans, and specifications for the Waterline Improvements, during the development and construction of the Waterline Improvements.

- (f) The City will provide approved sealed plans and specifications to be included with the Roadway Project design plans..
- (g) The County will urge TxDOT to require the contractor to immediately take any appropriate remedial action to correct any deficiencies in the Waterline Improvements identified by the City.
- (h) The Parties will participate in joint review meetings with representatives from all affected City and County Departments and TxDOT as necessary to avoid and resolve conflicts in review comments. The City design engineer will coordinate the design of the water lines for inclusion into the Roadway Project design work plans.

3. Project Integration; Design, Bidding, & Award of Construction Contract.

- (a) Prior to approval and execution of this Agreement by both the County and the City, the County shall submit a proposal from county consultant's engineering firm to modify its contract with its engineering consulting firm for the Roadway Project to include the integration of the Waterline Improvements engineering design and construction documents ("PS&E") into the Roadway Project at the City's cost. The fee for the professional services required to integrate the Waterline Improvements PS&E documents into the Roadway Project is \$15,955.00. The engineering fee proposal and scope of services is set forth in **Exhibit C**, attached hereto. The County shall submit any proposed revisions to the Waterline Improvements PS&E documents to the City for its review and approval.
- (b) Upon receipt of the City's PS&E for the Waterline Improvements, the County will submit the PS&E to TxDOT for review and approval. The County shall submit any proposed revisions to the PS&E for the Waterline Improvements to the City for its review and approval.
- (b) After the City approves any revisions or informs the County that no further revisions to the PS&E documents are necessary, the County will work with TxDOT to include bid items for the Waterline Improvements in TxDOT's bid documents for the Roadway Project, so that each contractor submitting a bid on the Roadway Project

will be required to include within the bid those costs, itemized by line item number, attributable to the Waterline Improvements, so that each contractor submitting a bid on Phase 1 of the Roadway Project will be required to include within the bid those costs, itemized by line item number, attributable to the Waterline Improvements. The County will work with TxDOT for TxDOT to solicit bids for the construction of the Roadway Project and Waterline Improvements based on the combined plans and specifications and in accordance with applicable state and local bidding laws, practices, and procedures. The County will notify the City of the lowest responsible bid and the amount of the bid component for the Waterline Improvements and, upon written agreement of the City, TxDOT will enter into a firm unit-price contract with the successful bidder.

4. Management Duties of the County. County hereby covenants and agrees to provide to the City:
 - (a) written notice of the schedule for integration of the Waterline Improvements PS&E documents into the Project and TxDOT's schedule for the advertisement for bids, award of contract, and construction of the Roadway Project;
 - (b) written notice of the bid tabs for the Waterline Improvements within two working days after the County receives the information from TxDOT;
 - (c) a copy of all contracts affecting the Waterline Improvements;
 - (d) a monthly itemized statement of all disbursements made and debts incurred during the preceding month relating to the Waterline Improvements, including copies of invoices, statements, vouchers, or any other evidence of payment of debt;
 - (e) a written copy of all field changes, supplemental agreements, or revisions to the design plans for Phase 1 of the Roadway Project that are proposed after the construction contract for Phase 1 of the Roadway Project has been awarded;
 - (f) executed change orders, jointly approved by the City, the County, and TxDOT relating to the Waterline Improvements;
 - (g) a copy to the City's Project Manager of any change order request related to the Waterline Improvements within two working days of the County receiving them from the TxDOT;

- (h) sufficient notice, documentation, and opportunity for the City to assist in the final review of the construction services performed by the construction contractor with respect to the Waterline Improvements; and
 - (i) upon satisfactory completion of construction and any applicable warranty or construction performance period, the County will recommend that the City accept the Waterline Improvements and furnish the City a copy of the record as-built drawings of the Waterline Improvements for the City's records.
- 5. Additional Management Duties of the City. The City hereby covenants and agrees to:
 - (a) submit to County for review the Waterline Improvements PS&E documents;
 - (b) review and address the County's initial review comments within Ten (10) working days, and work in good faith to resolve any outstanding issues;
 - (c) review any change order proposal for the Waterline Improvements by returning the change order request to the County Project Manager within five working days of its receipt by the City's Project Manager, or within any response period required by TxDOT or the County, whichever is sooner, with a written recommendation for its disposition; respond to requests for information within three working days and requests for approval of shop drawings within ten working days;
 - (d) at the option and expense of the City, perform independent inspection and testing on the Waterline Improvements in coordination with TxDOT's inspectors and as agreed to by the City and County Project Managers. Any testing by the City must be scheduled to avoid delaying the construction of the Roadway Project to the maximum extent practical. In connection therewith, the City will designate inspectors to make any such inspections, including any joint final inspection of the completed Waterline Improvements with the County; the City's inspectors shall communicate any issues to the County Inspector only, and the County Project Manager will in turn communicate those issues to TxDOT;

- (e) report any deficiencies observed in the construction of the Waterline Improvements immediately to the County's Project Manager;
 - (f) attend meetings at the request of the County's Project Manager; and
 - (g) Upon satisfactory substantial completion of the Waterline Improvements, conditionally accept the Waterline Improvements and finally accept the Waterline Improvements upon completion of any applicable warranty or construction performance period.
- 5. Liability. To the extent allowed by Texas law, the City and the County agree that each entity is responsible for its own proportionate share of any liability for its negligent acts or omissions.
- 6. Financial Obligations.
 - (a) The City agrees to pay all costs for the Waterline Improvements, including the cost of surveying, design, integration of the Waterline Improvements PS&E documents into the Roadway Project, construction, inspection, testing, and the cost of any change orders related to the construction of the Waterline Improvements made necessary by field changes to address unanticipated conditions under the terms and conditions in this Agreement. It is acknowledged that the services for the integration of the City's PS&E will include the review of the plans for any conflicts with the design of the Roadway Project. The City shall pay project integration and construction costs through an escrow account with Travis County, unless otherwise agreed to by the City and the County in writing. The City's cost estimate for integration and construction costs of the Waterline Improvements is \$ 3,610,861.59 and is set forth in **Exhibit D**, attached hereto.
 - (b) The City shall deposit in a County-approved escrow account \$ 15,955.00, the estimated amount for proposed project integration fees for the Waterline Improvements upon receiving of the invoice from the County and within 30 days after this Agreement is fully executed by the City and the County of this Agreement.
 - (c) The City shall deposit in a County-approved escrow account the bid price for the Waterline Improvements within 30 days of receipt of bids and submission of an invoice to the City.

- (d) The County shall obtain the written approval of the City for all change order requests for the Waterline Improvements prior to the County asking TxDOT to issue the approved change order to the contractor, such approval not to be unreasonably withheld or delayed. The City's Project Manager shall meet with the County's Project Manager to review the contractor's progress reports and invoices for the Waterline Improvements before approval by the County. The County shall return to the Austin Water Utility ("AWU") Financial Manager any and all unused portion of the escrow account within 60 days of acceptance of the Waterline Improvements.
- (e) For any change orders that are the responsibility of the City, as described above, and that cause the actual costs of construction of specific elements of the Waterline Improvements to exceed the City's funding, the City shall make its funds available to the County within 60 days after receipt of invoice by the County, such invoice to be accompanied by the change order request from the construction contractor.
- (f) The City agrees to pay to the County any costs incurred by the County by reason of the City's non-payment of any acceptable change order which has not been paid within 60 days of the date of submittal by the County.
- (g) The County Treasurer shall act as Escrow Agent for the management of the City's funds and shall deposit the funds in an interest bearing escrow account. The County shall invest the funds in accordance with the Public Funds Investment Act, and any other applicable laws or bond covenants. The interest and any unused portion of the public funds provided by the City under this Agreement shall be returned to the AWU within 60 calendar days after the completion of the Project. The County shall provide the City with an accounting of the deposits to and disbursements from the County's escrow account. The County will make its records available, at reasonable times, to the City's auditors, or its independent financial advisors or other professionals who provide arbitrage rebate calculations to the City.
- (h) The County Treasurer shall timely pay approved invoices by the City for the Waterline Improvements. The invoices for the construction of the Waterline Improvements will be paid based on work completed in accordance with the approved plans and specifications. The County Project Manager shall submit monthly invoices to the City inspector and the City Project Manager.

7. City Inspection and Testing.

The City shall be responsible for the inspection of the Waterline Improvements, the testing of the construction of the Waterline Improvements, and the final acceptance of the Waterline Improvements. The City shall designate inspectors to make interim and final inspections of the Waterline Improvements. The City's inspectors shall coordinate with the City Project Manager, the County Project Managers, TxDOT's inspectors, and the County's inspectors, as reasonable and necessary, in making inspection(s). Notwithstanding any provision to the contrary, the City will promptly perform inspection and testing of the Waterline Improvements and agrees to pay for delay damages resulting from the City's failure to promptly perform inspection and testing of the Waterline Improvements. Any deficiencies in the construction of the Waterline Improvements identified by the City shall be immediately reported to the County inspector by the City inspector followed by a written notice to the TxDOT County's Project Manager by the City Project Manager if resolution has not been within two days of the identification of any such deficiencies. The TxDOT Project Manager shall work with the contractor to immediately take any appropriate remedial action to correct any deficiencies identified by the City.

8. Miscellaneous.

- (a) Force Majeure. In the event that the performance by the City or the County of any of its obligations or undertakings hereunder shall be interrupted or delayed by any occurrence not occasioned by its own conduct, whether such occurrence be an act of God, or the common enemy, or the result of war, riot, civil commotion, sovereign conduct, or the act or conduct of any person or persons not a party or privy hereto, then it shall be excused from such performance for such period of time as is reasonably necessary after such occurrence to remedy the effects hereto.
- (b) Notice. Any notice given hereunder by either party to the other shall be in writing and may be effected by personal delivery in writing or by registered or certified mail, return receipt requested when mailed to the proper party, at the following addresses:

CITY: Greg Meszaros
City of Austin
Austin Water Utility
625 E. 10th Street
Austin, Texas 78701

WITH COPY TO: City of Austin Law Department
301 W. 2nd Street
Austin, Texas 78701

COUNTY: Steven M. Manilla, P.E. (or successor)
County Executive, TNR
P. O. Box 1748
Austin, Texas 78767

AND: Cyd Grimes, C.P.M., CPPO (or successor)
Travis County Purchasing Agent
P.O. Box 1748
Austin, Texas 78767

WITH A COPY TO: David Escamilla (or successor)
Travis County Attorney
P. O. Box 1748
Austin, Texas 78767
File No. 291.468

- (c) Number and Gender Defined. As used in this Agreement, whenever the context so indicates, the masculine, feminine, or neuter gender and the singular or plural number shall each be deemed to include the others.
- (d) Entire Agreement. This Agreement contains the complete and entire Agreement between the Parties respecting the matters addressed herein, and supersedes all prior negotiations, agreements, representations, and understanding, if any, between the parties respecting the construction of the Waterline Improvements and the Roadway Project. This Agreement may not be modified, discharged, or changed in any respect whatsoever except by a further agreement in writing duly executed by authorized representatives of the Parties. No official, representative, agent, or employee of Travis County, Texas has any authority to modify this Agreement, except pursuant to such express authority as may be granted by the Commissioners Court of Travis County, Texas. The recitals set forth above and the attached exhibits are incorporated herein.
- (e) Effective Date. This Agreement takes effect upon the last date of execution of the Agreement by the City and the County. This Agreement will automatically renew from year to year until the completion of the warranty period for the Roadway Project and any litigation or other matters surviving the completion of the Roadway Project, unless terminated earlier by the Parties.

- (f) Other Instruments. The Parties covenant and agree that they will execute other and further instruments and documents as may become necessary or convenient to effectuate and carry out the purposes of this Agreement.
- (g) Invalid Provision. Any clause, sentence, provision, paragraph, or article of this agreement held by a court of competent jurisdiction to be invalid, illegal, or ineffective shall not impair, invalidate, or nullify the remainder of this Agreement, but the effect thereof shall be confined to the clause, sentence, provision, paragraph, or article so held to be invalid, illegal, or ineffective.
- (h) Current Funds. The party or parties paying for the performance of governmental functions or services shall make payments therefor from current revenues available to the paying party.

CITY OF AUSTIN, TEXAS

By: _____

Name: _____

Title: _____
Authorized Representative

Date: _____

Approved as to Form:

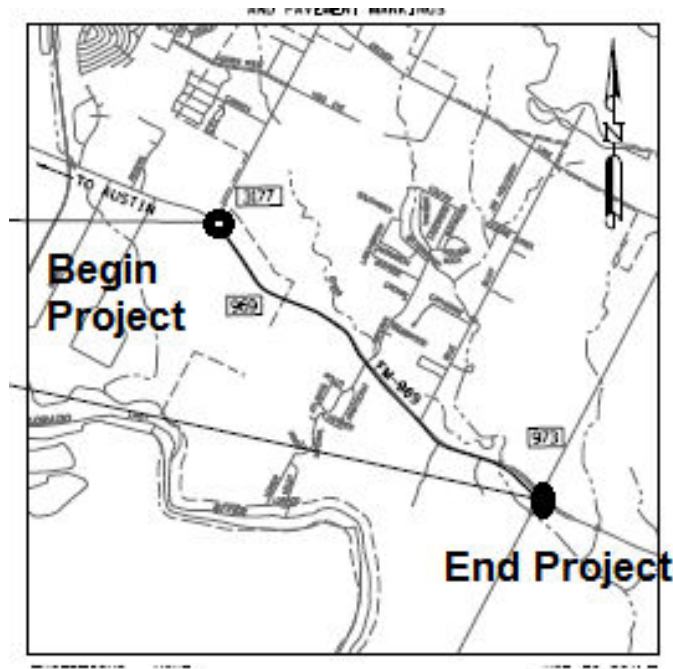
Assistant City Attorney

TRAVIS COUNTY, TEXAS

By: _____
Sarah Eckhardt, County Judge

Date: _____

EXHIBIT A
DESCRIPTION OF ROADWAY PROJECT

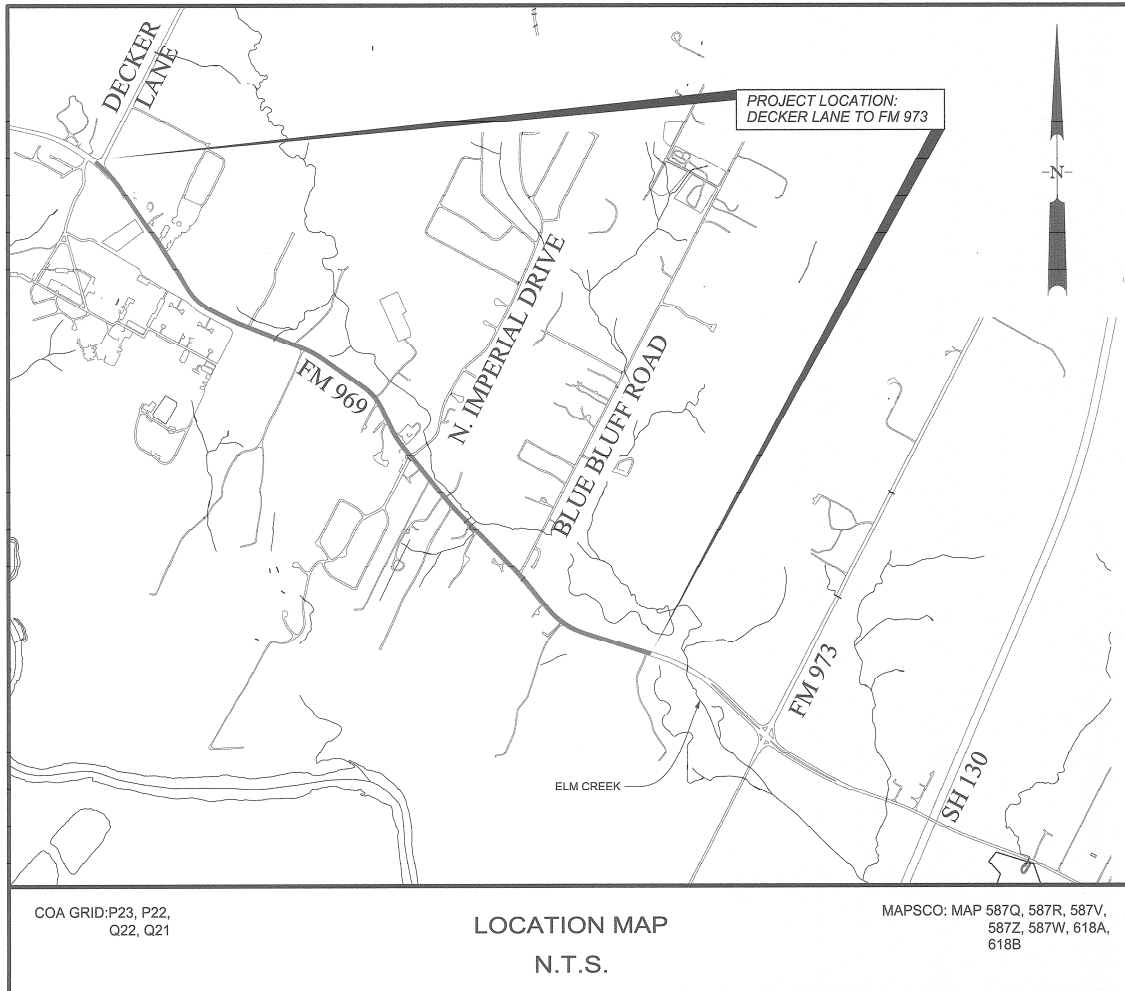


Location Map
Not to Scale

FM 969 Phase I : From FM 3177 (Decker Lane) to FM 973

EXHIBIT B

DESCRIPTION OF CITY'S WATERLINE IMPROVEMENTS



Waterline utility improvements on FM 969 from Decker Lane to FM 973

EXHIBIT C

WATERLINE IMPROVEMENTS INTEGRATION COSTS

TRAVIS COUNTY

FM 969 COA Waterline Integration Cost by Work Product		
Work Product 1 (Env & Inv)	LJA	\$0.00
	SUBS	\$0.00
	Work Product Total:	\$0.00
Work Product 2 (Public Inv 90%)	LJA	\$14,359.50
	SUBS	
	Work Product Total:	\$14,359.50
Work Product 3 (Final Plans)	LJA	\$1,595.50
	SUBS	
	Work Product Total:	\$1,595.50
Work Product 4 (Construction Phase Services)	LJA	
	SUBS	
	Work Product Total:	\$0.00
Work Product 5 (Final Work Inv & As-Built)	LJA	
	SUBS	
	Work Product Total:	\$0.00
LJA Labor Total:		\$15,955.00
Reimbursables		
Sub Consultants Total:		\$0.00
Total:		\$15,955.00

SUB CONSULTANT	Work Product Labor					
	1	2	3	4	5	TOTAL
Altura Solutions	0.00	0.00	0.00	0.00	0.00	0.00
Cox/McLain (Environmental)	0.00	0.00	0.00	0.00	0.00	0.00
McGray & McGray (Surveying)	0.00	0.00	0.00	0.00	0.00	0.00
McGray & McGray (ROW)	0.00	0.00	0.00	0.00	0.00	0.00
Gorronzona & Associates, Inc. (Flight)	0.00	0.00	0.00	0.00	0.00	0.00
Rodriguez Engineering Laboratories (Geotechnical)	0.00	0.00	0.00	0.00	0.00	0.00
Adisa (Public Involvement)	0.00	0.00	0.00	0.00	0.00	0.00
Cobb Fendely & Associates	0.00	0.00	0.00	0.00	0.00	0.00
Total:	0.00	0.00	0.00	0.00	0.00	0.00

EXHIBIT D

CITY'S WATERLINE IMPROVEMENTS COST ESTIMATE

Project: Travis County Utility Relocation FM 969 (Phase I) Decker Lane to FM 973

Subproject ID: 3212.133

FDU: 3920 2207 6468

Prepared By: Shirin S. Helmi, P.E.

This document is released for the purpose of interim review under the authority of Shirin S. Helmi, P.E. Lic. # 92597 on September 1, 2015. It is not to be used for construction, bidding or permit purposes. Any opinion of construction costs prepared by ESD-PWD-COA is supplied for the general guidance only. The engineer who prepared this document has no control over competitive bidding or market conditions and hence the engineer or ESD-PWD-COA cannot guarantee the accuracy of such opinions as compared to contract bids or actual costs to the sponsor.

Bid Item	Quantity	Unit	Item Description	Unit Price	Amount
<u>501S:</u>	130	<u>LF</u>	<u>Jacking or Boring 16 In. Pipe, Class 250</u>	\$ 450.00	\$ 58,500.00
<u>504S-1WM:</u>	51	<u>EA</u>	<u>Adjusting Water Meters</u>	\$ 100.00	\$ 5,100.00
<u>505S-B:</u>	2,150	<u>LF</u>	<u>Encasement Pipe 32" Dia., Type Steel</u>	\$ 200.00	\$ 430,000.00
<u>510-AW2Dia.</u>	170	<u>LF</u>	<u>Pipe, 2" Dia. HDPE (all depths), including Excavation and Backfill</u>	\$ 100.00	\$ 17,000.00
<u>510-AW6Dia.</u>	350	<u>LF</u>	<u>Pipe, 6" Dia. Ductile Iron (all depths), including Excavation and Backfill</u>	\$ 70.00	\$ 24,500.00
<u>510-AW8Dia.</u>	110	<u>LF</u>	<u>Pipe, 8" Dia. DI (all depths), including Excavation and Backfill</u>	\$ 80.00	\$ 8,800.00
<u>510-AW12Dia.</u>	30	<u>LF</u>	<u>Pipe, 12" Dia. DI (all depths), including Excavation and Backfill</u>	\$ 90.00	\$ 2,700.00
<u>510-AW16Dia.</u>	9,500	<u>LF</u>	<u>Pipe, 16" Dia. Ductile Iron (all depths), including Excavation and Backfill</u>	\$ 110.00	\$ 1,045,000.00
<u>510-JW 6X6Dia.</u>	2	<u>EA</u>	<u>Wet Connections, 6" Dia. X 6" Dia.</u>	\$ 1,200.00	\$ 2,400.00
<u>510-JW 8X8Dia.</u>	3	<u>EA</u>	<u>Wet Connections, 8" Dia. X 8" Dia.</u>	\$ 2,500.00	\$ 7,500.00
<u>510-JW 16X16Dia.</u>	1	<u>EA</u>	<u>Wet Connections, 16" Dia. X 16" Dia.</u>	\$ 3,500.00	\$ 3,500.00
<u>510-KW</u>	7.5	<u>TON</u>	<u>Ductile Iron Fittings 4 inch through 24 inch</u>	\$ 9,500.00	\$ 71,250.00
<u>511S-A6</u>	23	<u>EA</u>	<u>Valves, Gate Type, 6" Dia.</u>	\$ 800.00	\$ 18,400.00
<u>511S-A8</u>	1	<u>EA</u>	<u>Valves, Gate Type, 8" Dia.</u>	\$ 2,000.00	\$ 2,000.00
<u>511S-A12</u>	1	<u>EA</u>	<u>Valves, Gate Type, 12" Dia.</u>	\$ 3,000.00	\$ 3,000.00
<u>511S-A16</u>	12	<u>EA</u>	<u>Valves, Gate Type, 16" Dia.</u>	\$ 5,000.00	\$ 60,000.00
<u>511S-B</u>	18	<u>EA</u>	<u>Fire Hydrants (See Standard No. 511S-17)</u>	\$ 4,500.00	\$ 81,000.00
<u>511S-D</u>	5	<u>EA</u>	<u>Drain Valve Assemblies (See Standard No. 511S-9A)</u>	\$ 5,000.00	\$ 25,000.00
<u>511S-F</u>	7	<u>EA</u>	<u>Automatic Combination Air/Vacuum Release Valve Assembly, 2" Diameter</u>	\$ 5,000.00	\$ 35,000.00
<u>511S-G</u>	110	<u>VF</u>	<u>Additional Bury Depth</u>	\$ 100.00	\$ 11,000.00
<u>511S-H</u>	65	<u>VF</u>	<u>Fire Hydrant Barrel Extensions</u>	\$ 150.00	\$ 9,750.00
<u>863S-4</u>	18	<u>EA</u>	<u>Reflectorized Pavement Markers (Type II-B-B)</u>	\$ 20.00	\$ 360.00

Bid Item	Quantity	Unit	Item Description	Unit Price	Amount
<u>SP510-LWD</u>	1	EA	<u>Connecting Existing Double Lateral Service to New 16" Dia. Ductile Iron Pipe (Double 1-1/2 Inch Dia. Water Service Connection) - Complete in Place</u>	\$ 1,200.00	\$ 1,200.00
<u>SP510-LWS1</u>	41	EA	<u>Connecting Existing Single Lateral Service to New 16" Dia. Ductile Iron Pipe (Single 1-1/2 Inch Dia. Water Service Connection) - Complete in Place</u>	\$ 1,000.00	\$ 41,000.00
<u>SP510-LWS2</u>	8	EA	<u>Connecting Existing Single Lateral Service to New 16" Dia. Ductile Iron Pipe (Single 2-Inch Dia. Water Service Connection) - Complete in Place</u>	\$ 1,000.00	\$ 8,000.00
<u>SP510-LWS3</u>	1	EA	<u>Connecting Existing Single Lateral Service to New 16" Dia. Ductile Iron Pipe (Single 3-Inch Dia. Water Service Connection) - Complete in Place</u>	\$ 1,200.00	\$ 1,200.00
<u>SP510-TW2</u>	2,000	LF	<u>Temporary HDPE Waterline, 2-Inch Dia. - Complete in Place</u>	\$ 100.00	\$ 200,000.00
<u>SP510-TW6</u>	6,000	LF	<u>Temporary HDPE Waterline, 6-Inch Dia. - Complete in Place</u>	\$ 150.00	\$ 900,000.00
<u>SP511S-RS</u>	7	EA	<u>Remove & Salvage of Existing Fire Hydrants</u>	\$ 2,000.00	\$ 14,000.00
<u>SP511S-RS2:</u>	10	EA	<u>Remove & Salvage of Existing Gate Valves - All Sizes</u>	\$ 500.00	\$ 5,000.00
<u>SP511S-I</u>	1	EA	<u>Temporary Line Stop All Sizes, Complete in Place</u>	\$ 25,000.00	\$ 25,000.00
<u>160 6003*</u>	3,620	SY	<u>FURNISHING AND PLACING TOPSOIL (4")</u>	\$1.50	\$ 5,430.00
<u>164 6023*</u>	3,620	SY	<u>CELL FBR MLCH SEED(PERM)(RURAL)(CLAY)</u>	\$0.35	\$ 1,267.00
<u>164 6029*</u>	910	SY	<u>CELL FBR MLCH SEED(TEMP)(WARM)</u>	\$0.34	\$ 309.40
<u>164 6031*</u>	910	SY	<u>CELL FBR MLCH SEED(TEMP)(COOL)</u>	\$0.34	\$ 309.40
<u>168 6001*</u>	73.0	MG	<u>VEGETATIVE WATERING</u>	\$16.50	\$ 1,204.50
<u>169 6006*</u>	3,620	SY	<u>SOIL RETENTION BLANKETS (CL 2) (TY F)</u>	\$2.43	\$ 8,796.60
<u>402 *</u>	10,200	LF	<u>TRENCH EXCAVATION PROTECTION</u>	\$ 5.00	\$ 51,000.00
<u>460 6002*</u>	280	LF	<u>CMP (GAL STL 18 IN)</u>	\$ 60.00	\$ 16,800.00
<u>500 *</u>	1	LS	<u>MOBILIZATION</u>	\$ 326,809.69	\$ 326,809.69
<u>502 6001*</u>	12	MO	<u>BARRICADES, SIGNS AND TRAFFIC HANDLING</u>	\$ 5,100.00	\$ 61,200.00
<u>506 6038*</u>	1,650	LF	<u>TEMPORARY SEDIMENT CONTROL FENCE INSTL</u>	\$ 2.30	\$ 3,795.00
<u>506 6039*</u>	1,650	LF	<u>TEMPORARY SEDIMENT CONTROL FENCE REMOV</u>	\$ 0.50	\$ 825.00
Engineer's Opinion of Probable Cost @ 100%:					\$ 3,594,906.59
* TxDOT Item					