



Standard Utility Agreement

Form WILCO-U-SUA

(Rev. 3/25)
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Project Name: FM 971 (Granger)
Project Letting Date: 05/13/2025
Utility ID (TxDOT LUP): **U00024481**

Roadway: FM 971
From: 300' east of CR 348
To: 840' west of CR 349

This Standard Utility Agreement ("Agreement") by and between Williamson County, Texas ("County"), and City of Granger, ("Utility"), acting by and through its duly authorized representative, shall be effective on the date of approval and execution by and on behalf of the County.

WHEREAS, the County has deemed it necessary to make certain infrastructure improvements as designated by the County and, if applicable, approved by the Federal Roadway Administration and/or the State of Texas, within the limits of the project as indicated above;

WHEREAS, the proposed Project will necessitate the adjustment, removal, and/or relocation of certain facilities of the Utility as indicated in the following statement of work: City of Granger's existing longitudinal waterline (from approximately STA 7+98 to approximately STA 15+00) and existing waterline crossing (at approximately STA 7+95) are in conflict with the proposed roadway, ditch cuts and driveways. City of Granger will abandon their existing facilities to alleviate these conflicts, relocating their waterlines out of the existing ROW and into easements on the north and south side of the roadway. The proposed waterlines will be located within 10 foot wide water easements, from approximately STA 8+00 to STA 16+50 and STA 6+12 to STA 8+60.; and more specifically as shown in the Utility's plans, specifications and estimated costs, which are attached hereto as Attachment "A".

WHEREAS, the County will participate in the costs of the adjustment, removal, and relocation of certain facilities to the extent as may be eligible for the County participation.

WHEREAS, the County, upon receipt of evidence it deems sufficient, acknowledges the Utility's interest in certain lands and facilities that entitle it to reimbursement for the adjustment, removal, and relocation of certain of its facilities located upon the lands as indicated in the statement of work above.

NOW, THEREFORE, BE IT AGREED:

The County will pay to the Utility the costs incurred in adjustment, removal, and relocation of the Utility's facilities up to the amount said costs may be eligible for County participation.

All conduct under this Agreement, including but not limited to the adjustment, removal, and relocation of the facility, the development and reimbursement of costs, any environmental requirements, and retention of records will be in accordance with all applicable federal, state, and county laws, rules and regulations, including, without limitation, the Federal Uniform Relocation Assistance and Real Property Acquisition Policies Act, 42 U.S.C. §§ 4601, et seq., the National Environmental Policy Act, 42 U.S.C. §§ 4321, et seq., the Buy America provisions of 23 U.S.C. § 313 and 23 CFR 635.410, as amended, Texas Transportation Code § 223.045, the Utility Relocations, Adjustments, and Reimbursements provisions of 23 CFR 645, Subpart A, and the Utility Accommodation provisions of 23 CFR 645, Subpart B.

The Utility shall supply, upon request by the County, proof of compliance with the aforementioned laws, rules, regulations, and guidelines prior to the commencement of the adjustment, removal, and relocation of the facility.

The Utility shall not commence any physical work, including without limitation site preparation, on the County's right of way or future right of way, until the County provides the Utility with written authorization to proceed with the physical work upon the County's completion and clearance of its environmental review of the Project. Any such work by the Utility prior to the County's written authorization to proceed will not be eligible for reimbursement and the Utility is responsible for entering any property within the proposed limits of the Project that has not yet been

Initial Date
County

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Utility

acquired by the County. This written authorization to proceed with the physical work is in addition to the authorization to commence work outlined below. Notwithstanding the foregoing, the provisions of this paragraph are required only when the County has not obtained completion and clearance of its environmental review of the Project prior to the execution of this Agreement by the County and the Utility.

If State and/or Federal funding applies to the Project, the Utility shall comply with the Buy America provisions of 23 U.S.C. § 313, 23 CFR 635.410, as amended, and the Steel and Iron Preference provisions of Texas Transportation Code § 223.045 and, when products that are composed predominately of steel and/or iron are incorporated into the permanent installation of the utility facility, use domestically manufactured products. If State and/or Federal funding applies to the Project, TxDOT Form 1818 (Material statement), along with all required attachments, must be submitted, prior to the commencement of the adjustment, removal, and relocation of the facility, as evidence of compliance with the aforementioned provisions. Failure to submit the required documentation or to comply with the Buy America, and Steel and Iron Preference requirements shall result in: (1) the Utility becoming ineligible to receive any contract or subcontract made with funds authorized under the Intermodal Surface Transportation Efficiency Act of 1991; (2) the County withholding reimbursement for the costs incurred by the Utility in the adjustment, removal, and relocation of the Utility's facilities; and (3) removal and replacement of the non-compliant products.

The Utility agrees to develop relocation or adjustment costs by accumulating actual direct and related indirect costs in accordance with a work order accounting procedure prescribed by the County, or may, with the County's approval, accumulate actual direct and related indirect costs in accordance with an established accounting procedure developed by the Utility. Bills for work hereunder are to be submitted to the County not later than six (6) months after completion of the field work. Failure to submit the request for final payment, in addition to all supporting documentation, within six (6) months after completion of the field work may result in forfeiture of payment for said work.

When requested, the County will make intermediate payments at not less than monthly intervals to the Utility when properly billed. Such payments will not exceed 90 percent (90%) of the eligible cost as shown in each such billing. Intermediate payments shall not be construed as final payment for any items included in the intermediate payment.

Alternatively, if the approved accounting method is a lump sum, the County agrees to pay the Utility an agreed lump sum of \$N/A as supported by the attached estimated costs. The County will, upon satisfactory completion of the adjustments, removals, and relocations and upon receipt of a final billing, make payment to the Utility in the agreed amount.

Upon execution of this Agreement by both parties hereto, the County will, by written notice, authorize the Utility to perform such work diligently and to conclude said adjustment, removal, and relocation by the stated completion date which is attached hereto in Attachment "C". The completion date shall be extended for delays caused by events outside the Utility's control, including an event of Force Majeure, which shall include a strike, war or act of war (whether an actual declaration of war is made or not), insurrection, riot, act of public enemy, accident, fire, flood or other act of God, sabotage, or other events, interference by the County or any other party with the Utility's ability to proceed with the work, or any other event in which the Utility has exercised all due care in the prevention thereof so that the causes of other events are beyond the control and without the fault or negligence of the Utility.

This Agreement in its entirety consists of the following elements:

Standard Utility Agreement – WILCO-U-SUA:

- Plans, Specifications, and Estimated Costs (Attachment "A");
- Accounting Method (Attachment "B");
- Schedule of Work (Attachment "C");
- Statement Covering Contract Work – WILCO-U-JB (Attachment "D");
- Utility Joint Use Agreement – WILCO-U-JUA (Attachment "E");
- Eligibility Ratio Calculation (Attachment "F");
- Comparative Betterment Calculation and Estimate (Attachment "G"); and
- Proof of Property Interest – WILCO-U-Affidavit (Attachment "H").

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County

YMS 4-24-25
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Utility

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All attachments are included herein as if fully set forth. In the event it is determined that a substantial change from the statement of work contained in this Agreement is required, reimbursement therefore shall be limited to costs covered by a modification or amendment of this Agreement or a written change or extra work order approved by the County and the Utility.

This Agreement is subject to termination, without cause and for convenience, by the County at any time up to the date that work under this Agreement has been authorized, and such cancellation will not create any liability on the part of the County. However, the County will review and reimburse the Utility for eligible costs incurred by the Utility in preparation of this Agreement.

The County Auditor may conduct an audit or investigation of any entity receiving funds from the County directly under this Agreement or indirectly through a subcontract under this Agreement. Acceptance of funds directly under this Agreement or indirectly through a subcontract under this Agreement acts as acceptance of the authority of the County Auditor, under the direction of the Legislative Audit Committee, to conduct an audit or investigation in connection with those funds. An entity that is the subject of an audit or investigation must provide the County Auditor with access to any information the County Auditor considers relevant to the investigation or audit.

The Utility by execution of this Agreement does not waive any of the rights that the Utility may have within the limits of the law.

It is expressly understood that the Utility conducts the adjustment, removal, and relocation at its own risk, and that the County makes no warranties or representations regarding the existence or location of utilities currently within its right of way.

The signatories to this Agreement warrant that each has the authority to enter into this Agreement on behalf of the party represented.

UTILITY

Utility:

City of Granger

By:

Print Name: Monica Stojanik

Title:

Mayor of Granger, TX

Date:

April 24, 2025

THE COUNTY OF WILLIAMSON

Executed and approved for the County of Williamson Texas for the purpose and effect of activating and/or carrying out the orders, established policies or work programs heretofore approved and authorized by Williamson County, Texas.

By:

County Judge

Date:

Initial

County

Date

MS
Initial

Utility

4-24-25
Date

APPROVED

By Christen Eschberger at 1:57 pm, May 05, 2025

REVIEWED

By Keith Taylor at 4:51 pm, May 01, 2025

REVIEWED

By Eddie Church, P.E. at 4:20 pm, May 01, 2025

Received

April 30, 2025
HNTB Corporation
Round Rock

Attachment "A"

Plans, Specifications, and Estimated Costs

Funding Sources

Select all that apply

- ☐ City of _____
- ☒ Williamson County, Texas
- ☐ State of Texas *
- ☐ Federal *

*Buy America Compliance only applies when State or Federal funding is present.

All material items within the cost estimate that must meet Buy America or Steel and Iron Preference Provision requirements must be indicated with an asterisk (*) on the attached estimate.

- ☐ Currently, **this Project does not plan to use** iron and steel subject to Buy America requirements. In the event that Buy America regulated materials are used during the construction of this Project, compliance documentation will be provided.
- ☐ There are non-domestic iron and steel materials in this Project that fall under the De Minimis equation. Calculations showing the total cost does not exceed one-tenth of one percent (0.1%) of the individual utility agreement amount or \$2,500.00, whichever is greater is required.
- ☐ We understand the Buy America Compliance Requirements for iron and steel and will supply the required documentation to the County indicating compliance with this provision. The following documents will be supplied prior to the installation of the materials:

- 1) Form 1818 - Material Statement
- 2) Material Test Reports or Certifications

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Utility



OWNER INFORMATION

OWNER:
CITY OF GRANGER, TEXAS
214 E. DAVILLA ST.
GRANGER, TEXAS 76530

CONTACT:
SCOTT MURRAH, PE
CITY ENGINEER
254-760-9085

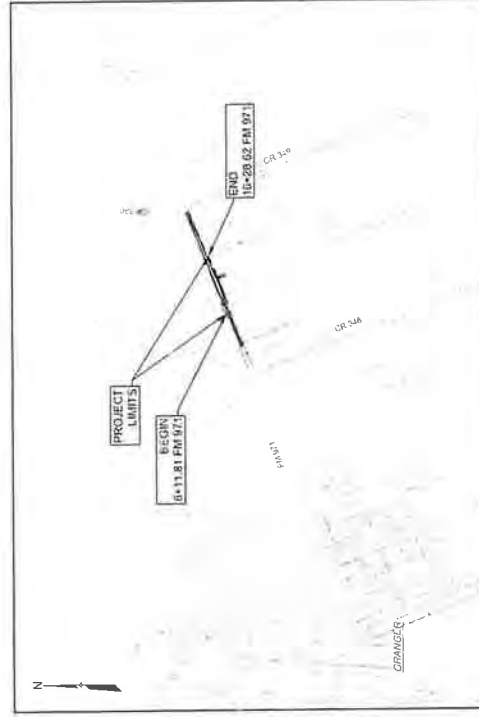
DESIGNER:
COBBFENDLEY
9600 N. MOPAC EXPRESSWAY, SUITE 800
AUSTIN, TEXAS 78758

CONTACT:
ANTONIO TERRAZAS, P.E.
512-834-9798

CITY OF GRANGER
FM 971
WATER SERVICE RELOCATIONS
100% SUBMITTAL

TOTAL LENGTH OF PROJECT: 1083 LF
PROJECT LIMITS:
ALONG FM 971 FROM CR 348 TO CR 349

CONSTRUCTION OF 1" WATER SERVICE LINES, REQUIRED APPURTENANCES,
AND CONNECTIONS TO THE EXISTING WATER MAINS.



DATE	REVISION OR EPOCH	REVISION OR EPOCH NUMBER	APPROVED BY	DATE



SUBMITTED FOR APPROVAL:

APRIL 25, 2025
DATE
ANTONIO TERRAZAS, P.E.
COBBFENDLEY, INC.

APPROVALS:

APRIL 30, 2025
DATE
SCOTT MURRAH, P.E.
CITY OF GRANGER, TEXAS

CobbFendley
TYPE NO. 214 / TEMPL NO. 10046701
9600 N. MOPAC EXPY., SUITE 800
AUSTIN, TEXAS 78759
512.834.9796 | FAX 512.534.9553
WWW.COBBFENDLEY.COM

STREET NOTES:

1. NO TRENCHING OF COMPACTED BASE WILL BE ALLOWED. A PENALTY AND/OR FINE MAY BE IMPOSED TO THE GENERAL CONTRACTOR IF TRENCHING OF COMPACTED BASE OCCURS WITHOUT CITY APPROVAL, REGARDLESS OF WHO PERFORMED THE TRENCHING.
2. ALL SIDEWALKS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT. THE CITY OF GRANGER HAS NOT REVIEWED THESE PLANS FOR COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT, OR ANY OTHER ACCESSIBILITY LEGISLATION, AND DOES NOT WARRANT OR APPROVE THESE PLANS FOR ANY ACCESSIBILITY STANDARDS.
3. STREET BARRICADES SHALL BE INSTALLED ON ALL DEAD END STREETS AND AS NECESSARY DURING CONSTRUCTION.
4. CORROSION DAMAGE CAUSED TO EXISTING PAVEMENT, CURBS, SIDEWALKS, RAMPS, ETC., SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THIS PROJECT.
5. DENSITY TESTING OF COMPACTED SUBGRADE MATERIAL. FIRST COURSE AND SECOND COURSE COMPACTED BASE, SHALL BE MADE AT 500 FOOT INTERVALS. ANY FAILED TESTS WILL BE RE-TESTED AT THE EXPENSE OF THE CONTRACTOR.
6. THE CONTRACTOR SHALL COORDINATE WITH THE CITY'S FIELD REPRESENTATIVE 48 HOURS PRIOR TO SCHEDULED DENSITY TESTING. THE CITY'S FIELD REPRESENTATIVE SHALL WITNESS ALL TESTING.
7. THE CONTRACTOR SHALL SCHEDULE ALL TESTING WITH AN APPROVED MATERIALS TESTING LABORATORY AND NOTIFY THE CITY'S FIELD REPRESENTATIVE OF THE TIME AND LOCATION OF ALL TESTS.
8. TRAFFIC CONTROL SIGNS AND PAVEMENT MARKINGS IN ACCORDANCE WITH THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES TO BE INSTALLED AS DIRECTED BY THE CITY OF GRANGER PRIOR TO CITY ACCEPTANCE OF THIS PROJECT.
9. SLOPE OF NATURAL GROUND ADJACENT TO THE RIGHT-OF-WAY SHALL NOT EXCEED 4:1. IF A 4:1 SLOPE IS NOT POSSIBLE, A RETAINING WALL OR SOME OTHER FORM OF SLOPE PROTECTION APPROVED BY THE CITY SHALL BE INSTALLED AND ACCEPTABLE TO THE CITY.
10. THE CITY ENGINEER, CONTRACTOR, AND A REPRESENTATIVE FROM THE TESTING LAB SHALL ATTEND A PRE-PAVING CONFERENCE PRIOR TO THE START OF PAVING. THE CONTRACTOR SHALL GIVE THE CITY'S FIELD REPRESENTATIVE 48 HOURS NOTICE PRIOR TO THIS MEETING.
11. FAILED TESTS SHALL BE THE FINANCIAL RESPONSIBILITY OF THE CONTRACTOR.

WASTEWATER NOTES:

1. THE CONTRACTOR, WITH CITY APPROVAL, SHALL RAISE MANHOLE FRAMES AND COVERS AND WATER VALVE BOXES TO FINISHED PAVEMENT GRADE AT THE CONTRACTOR'S EXPENSE. ALL UTILITY ADJUSTMENTS SHALL BE COMPLETED PRIOR TO FINAL PAVING CONSTRUCTION.
2. THE LOCATION OF ANY EXISTING UTILITY LINES SHOWN ON THESE PLANS MAY NOT BE ACCURATE. ANY DAMAGE TO EXISTING UTILITY LINES, BOTH KNOWN AND UNKNOWN, SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR. THE CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO BEDDING THE PROJECT.
3. ALL IRON PIPE AND FITTINGS SHALL BE WRAPPED WITH AT LEAST 8-MIL POLYETHYLENE WRAP, ACCORDING TO THE CITY OF GRANGER SPECIFICATION 510.
4. ALL WATER MAINS, WASTEWATER MAINS AND SERVICE LINES SHALL MEET CITY OF GRANGER MINIMUM COVER SPECIFICATIONS. ALL STREETS ARE TO BE CUT TO SUBGRADE PRIOR TO INSTALLATION OF WATER MAINS.
5. ALL WASTEWATER LINES SHALL BE TV VIDEO TAPED ACCORDING TO COA 510. THE CONTRACTOR SHALL SUPPLY TWO COPIES TO THE CITY'S FIELD REPRESENTATIVE.
6. GASKETED PVC SEWER MAIN FITTINGS SHALL BE USED TO CONNECT SDR-35 PVC TO SDR-26 PVC PRESSURE PIPE OR C-900.
7. SDR-35 WW IS NOT ALLOWED.
8. ALL SANITARY SEWERS, EXCLUDING SERVICE LINES, SHALL BE MANDREL TESTED PER TCEQ CRITERIA. A MANDREL TEST WILL NOT BE PERFORMED UNTIL BACKFILL HAS BEEN IN PLACE FOR A MINIMUM OF 30 DAYS.
9. ALL SANITARY SEWERS, INCLUDING SERVICE LINES, SHALL BE AIR TESTED PER CITY OF AUSTIN STANDARD SPECIFICATIONS.
10. DENSITY TESTING OF COMPACTED BACKFILL SHALL BE MADE AT A RATE OF ONE TEST PER TWO FOOT LIFTS PER 500 FEET OF INSTALLED PIPE, UNLESS OTHERWISE SPECIFIED BY THE CITY.
11. CIP BACKFILL IS REQUIRED FOR ALL TESTING OF WATER AND WASTEWATER LINES.
12. WATER OR WASTEWATER LINE CROSSINGS SHALL BE INSTALLED PER TCEQ REQUIREMENTS.
13. ALL MANHOLE LIDS OUTSIDE THE PAVEMENT SHALL BE BOLTED.
14. CONTRACTOR TO NOTIFY CITY OF GRANGER 48 HOURS PRIOR TO CONNECTING TO EXISTING UTILITIES.
15. INSPECTION OF CONNECTIONS TO EXISTING UTILITIES IS REQUIRED.
16. ALL PIPE BEDDING MATERIAL SHALL CONFORM TO CITY OF AUSTIN STANDARD SPECIFICATIONS UNLESS OTHERWISE SPECIFIED BY THE ENGINEER. ALL CONCRETE IS TO BE CLASS "A" (5 SACK, 3000 PSI - 28-DAYS), AND ALL REINFORCING STEEL TO BE ASTM A615 60.
17. PIPING IN AND AROUND LIFT STATION VALVE VAULTS WILL BE PAINTED AND/OR COATED TO THE CITY'S SPECIFICATIONS.
18. MCC'S, JUNCTION BOXES OR ANY HOUSING FOR ELECTRICAL COMPONENTS SHALL BE NEMA 4X STAINLESS STEEL. PAINTED METAL OR ANY OTHER TYPE OF BOX WILL NOT BE ACCEPTED UNLESS SPECIFICALLY IDENTIFIED IN THE PLANS.

WATER NOTES:

1. THE TOP OF VALVE STEMS SHALL BE AT LEAST 18" AND NO MORE THAN 36" BELOW FINISHED GRADE. VALVE STEM RISERS SHALL BE WELDED ON EACH END TO THE CITY'S SATISFACTION.
2. FIRE HYDRANT LEADS TO BE DUCTILE IRON, CLASS 350, AND INSTALLED PER CITY OF GRANGER STANDARD SPECIFICATIONS AND DETAIL.
3. THE CONTRACTOR SHALL PROVIDE CUTS FOR ALL WATER LINES AND FH BURY LINES IN ACCORDANCE WITH

THE CONTRACT:

4. 250, CLOW MEDALLION HYDRANT.
5. ALL FIRE HYDRANTS MUST MEET CITY OF GRANGER THREAD SPECIFICATIONS (NATIONAL THREAD).
6. BLUE REFLECTOR MARKERS SHALL BE LOCATED AT THE CENTERLINE OF THE PAVEMENT ACROSS FROM ALL WATER MAINS, WASTEWATER MAINS, AND SERVICE LINES. REFLECTORS SHALL BE FOUR-SIDED.
7. ALL WATER MAINS, WASTEWATER MAINS, AND SERVICE LINES SHALL BE PRESSURE AND LEAK TESTED PER CITY OF AUSTIN STANDARD SPECIFICATIONS AND WITNESSED BY THE CITY OF GRANGER REPRESENTATIVE. ALL FAILED TESTS SHALL BE THE FISCAL RESPONSIBILITY OF THE CONTRACTOR, AND THE CONTRACTOR MAY BE REQUIRED TO RE-TEST LINES IF THE TESTING IS NOT WITNESSED BY THE CITY. CONTRACTOR MUST NOTIFY THE CITY OF GRANGER 48 HOURS PRIOR TO ANY TESTING.
8. ALL WATER LINES SHALL BE STERILIZED AND BACTERIOLOGICALLY TESTED IN ACCORDANCE WITH CITY OF AUSTIN STANDARDS. THE CONTRACTOR IS RESPONSIBLE FOR STERILIZATION AND THE CITY OF GRANGER IS RESPONSIBLE FOR SUBMITTING BACTERIOLOGICAL SAMPLES TO THE STATE UNLESS OTHERWISE APPROVED BY THE ENGINEERING DEPARTMENT.
9. ALL WATER VALVE RISERS NOT IN PAVEMENT SHALL BE SET IN CONCRETE IN ACCORDANCE WITH THE CITY'S SPECIFICATIONS AND DETAILS. THE STANDARD DETAIL IS AVAILABLE ON THE CITY'S WEB SITE.
10. DENSITY TESTING OF COMPACTED BACKFILL SHALL BE MADE AT A RATE OF ONE TEST PER TWO FOOT LIFTS PER 500 FEET OF INSTALLED PIPE UNLESS OTHERWISE APPROVED BY THE CITY OF GRANGER. THE CONTRACTOR TO OBTAIN MATERIALS TESTING APPROVAL FROM THE CITY OF GRANGER FOR ANY WATER THAT MAY BE USED IN THE PROJECT.
11. ALL WATER PIPE AND APPURTENANCES LARGER THAN 12" SHALL HAVE A MAXIMUM OPERATING PRESSURE GREATER THAN 250 PSI UNLESS SPECIFICALLY IDENTIFIED ON THE BID FORM.
12. MANHOLE FRAMES AND COVERS AND WATER VALVE BOXES SHALL BE RAISED TO FINISHED PAVEMENT GRADE AT THE CONTRACTOR'S EXPENSE WITH CITY INSPECTION. ALL UTILITY ADJUSTMENTS SHALL BE COMPLETED PRIOR TO FINAL PAVING CONSTRUCTION.
13. THE LOCATION OF ANY EXISTING UTILITY LINES SHOWN ON THESE PLANS IS THE BEST AVAILABLE AND MAY NOT BE TOTALLY ACCURATE. ANY DAMAGE TO EXISTING UTILITY LINES, BOTH KNOWN AND UNKNOWN, SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR. THE ENGINEER AND/OR THE CITY MAKE NO GUARANTEE OR WARRANTY TO THE ACCURACY OF THESE PLANS.
14. ALL IRON PIPE AND FITTINGS SHALL BE WRAPPED WITH AT LEAST 8-MIL POLYETHYLENE WRAP IN ACCORDANCE WITH THE COA SPECIFICATION.
15. ALL WATER MAINS, WASTEWATER MAINS AND SERVICE LINES SHALL MEET CITY OF AUSTIN SPECIFICATIONS MINIMUM COVER REQUIREMENTS. ALL STREETS ARE TO BE CUT TO SUBGRADE PRIOR TO INSTALLATION OF WATER MAINS.
16. CITY TO BE OPEN 48 HOURS NOTICE PRIOR TO ALL TESTING OF WATER AND WASTEWATER LINES. INSPECTION REQUIRED FOR ALL TESTING OF WATER AND WASTEWATER LINES.
17. A WATER VALVE OVER 24" IN SIZE SHALL HAVE A BY-PASS LINE AND VALVE INSTALLED. BY-PASS VALVES AND LINES ARE SUBSIDIARY TO THE COST OF THE VALVE UNLESS SPECIFICALLY IDENTIFIED ON THE BID FORM.
18. CONTRACTOR TO NOTIFY CITY OF GRANGER 48 HOURS PRIOR TO CONNECTING TO EXISTING UTILITIES.
19. INSPECTION IS REQUIRED.
20. ALL PIPE BEDDING MATERIAL SHALL CONFORM TO CITY OF TAYLOR STANDARD DETAILS.
21. TRACER TAPE SHALL BE INSTALLED ON ALL WATER AND WASTEWATER MAINS IN ACCORDANCE WITH CITY OF AUSTIN STANDARDS REGARDLESS OF THE TYPE OF PIPE OR DEPTH OF PIPE INSTALLED.
22. UNLESS OTHERWISE SPECIFIED BY THE ENGINEER, ALL CONCRETE IS TO BE CLASS "A" (5 SACK, 3000 PSI - 28-DAYS), AND ALL REINFORCING STEEL TO BE ASTM A615 60.
23. THE CITY CONSIDERS PROTECTION OF ITS WATER SYSTEM PARAMOUNT TO CONSTRUCTION ACTIVITIES. CITY PERSONNEL WILL OPERATE, OR AUTHORIZE THE CONTRACTOR TO OPERATE, ALL MANHOLE VALVES THAT WILL PASS THROUGH THE CITY'S POTABLE WATER. THE CONTRACTOR SHALL OPERATE ANY WATER VALVE, EXISTING OR PROPOSED, IN THE WATER SYSTEM WITHOUT THE EXPRESS CONSENT OF THE CITY. NOTIFY THE CITY TWO BUSINESS DAYS IN ADVANCE OF ANY REQUEST TO OPERATE A WATER VALVE. THE GENERAL CONTRACTOR MAY BE FINED \$500 OR MORE, INCLUDING ADDITIONAL THEFT OF WATER FINES, IF A WATER VALVE IS OPERATED IN AN UNAUTHORIZED MANNER, REGARDLESS OF WHO OPERATED THE VALVE.

STORM SEWER NOTES:

1. THE CONTRACTOR WITH CITY INSPECTION SHALL RAISE MANHOLE FRAMES AND COVERS AND WATER VALVE BOXES TO FINISHED PAVEMENT GRADE. ALL UTILITY ADJUSTMENTS SHALL BE COMPLETED PRIOR TO FINAL PAVING CONSTRUCTION. THE CONTRACTOR WILL BACKFILL AROUND MANHOLES AND JUNCTION BOXES WITH CLASS A CONCRETE.
2. ALL MANHOLE LIDS SHALL BE 32" OR LARGER, UNLESS EXPRESSLY APPROVED IN WRITING BY THE ENGINEERING DEPARTMENT. ALL LIDS OUTSIDE THE PAVEMENT WILL BE BOLTED.
3. THE LOCATION OF ANY EXISTING UTILITY LINES SHOWN ON THESE PLANS IS THE BEST AVAILABLE AND MAY NOT BE TOTALLY ACCURATE. ANY DAMAGE TO EXISTING UTILITY LINES, BOTH KNOWN AND UNKNOWN, SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
4. ALL WATER MAINS, WASTEWATER MAINS AND SERVICE LINES SHALL MEET CITY OF GRANGER MINIMUM COVER SPECIFICATIONS UNLESS OTHERWISE SPECIFIED BY THE ENGINEER. ALL CONCRETE IS TO BE CLASS "A" (5 SACK, 3000 PSI - 28-DAYS), AND ALL REINFORCING STEEL TO BE ASTM A615 60.
5. CONTRACTOR TO INSTALL AND MAINTAIN GEO-TEXTILE FABRIC BARRIER (INLET PROTECTION) AROUND STORM SEWER LEADS AND INLETS TO PREVENT SILT AND OTHER MATERIAL FROM ENTERING THE STORM SEWER COLLECTION SYSTEM.

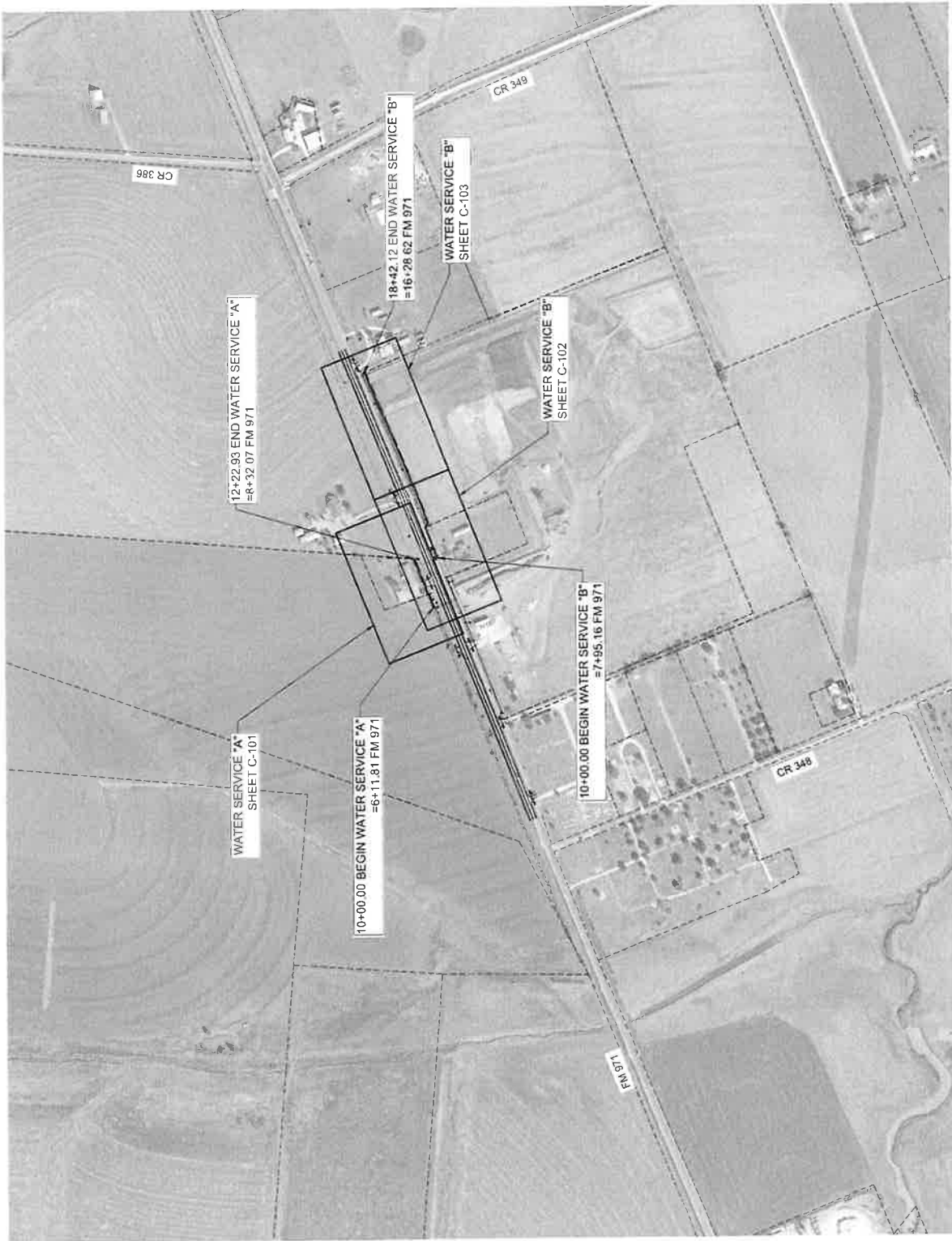
CobbFendley
CITY OF GRANGER, TEXAS
1000 N. HIGHWAY 100, SUITE 100
GRANGER, TEXAS 76044
767-234-1111
WWW.COBBFENDLEY.COM

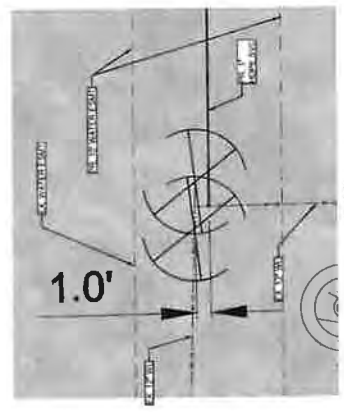
GENERAL NOTES - SHEET 2
FM 971 WATER RELOCATIONS
GRANGER, TEXAS

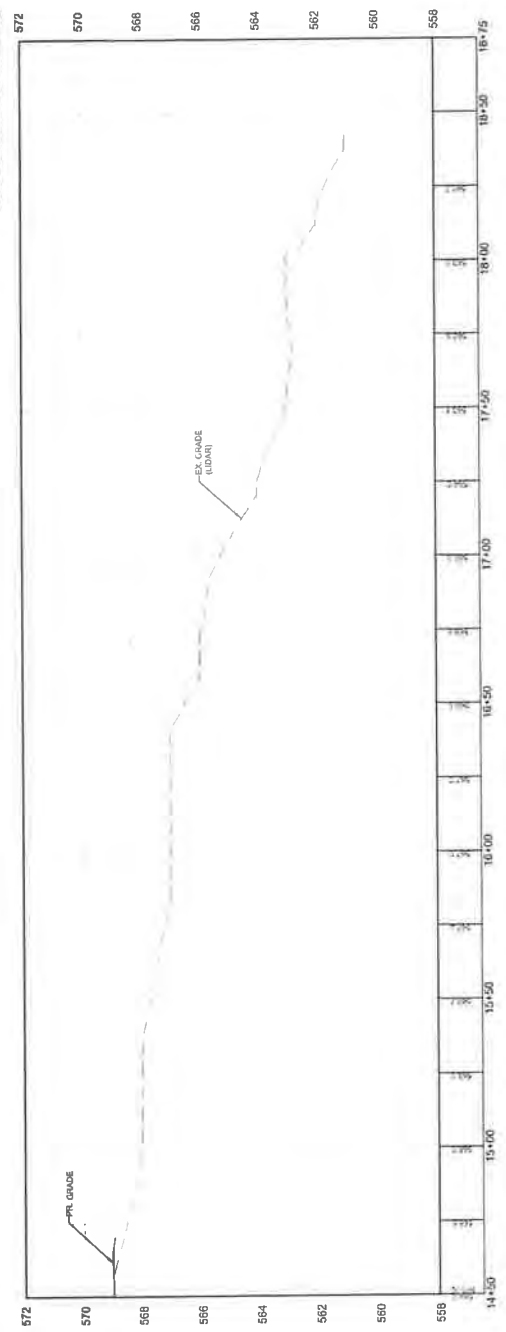
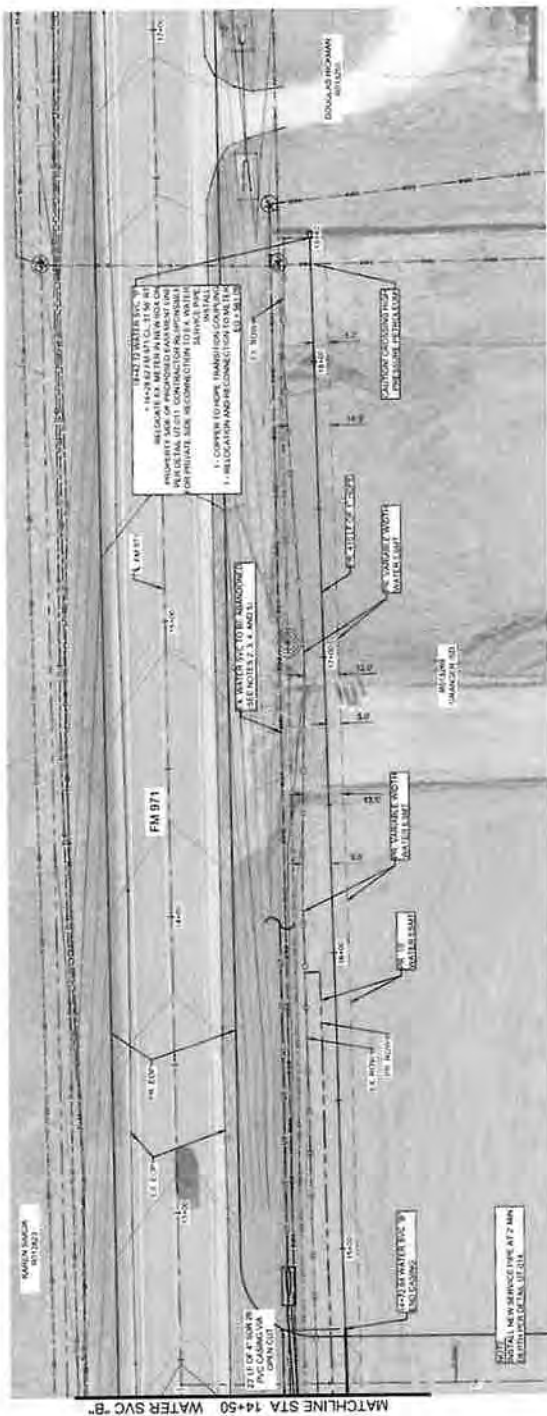
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CITIZENSHIP NOTICES.

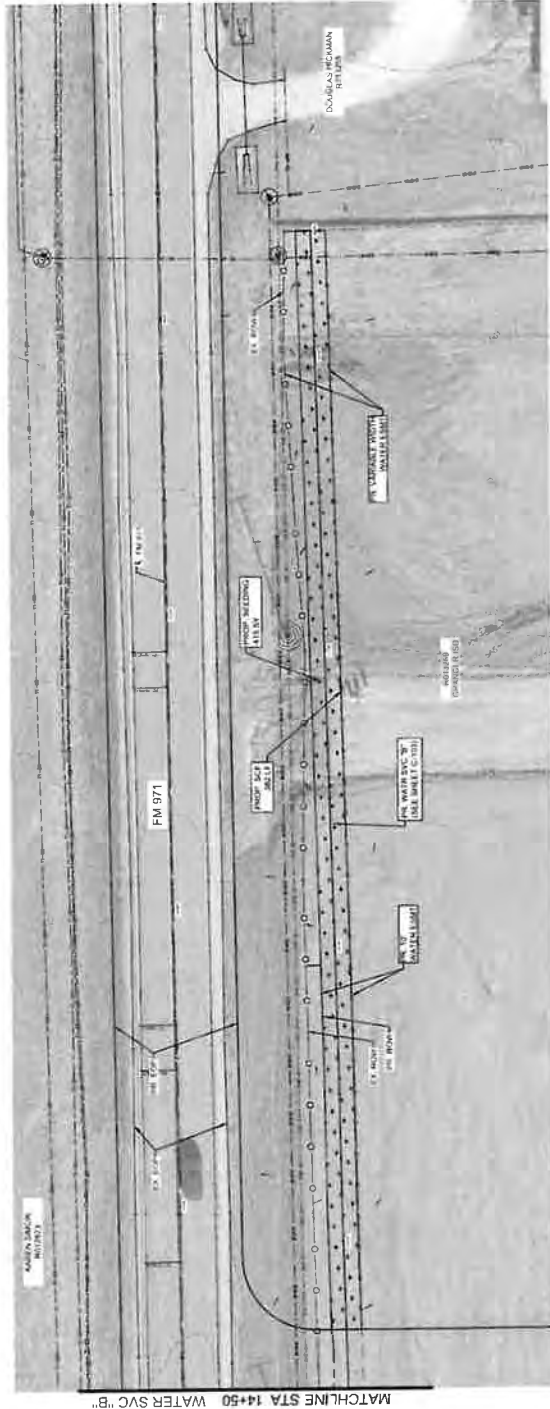
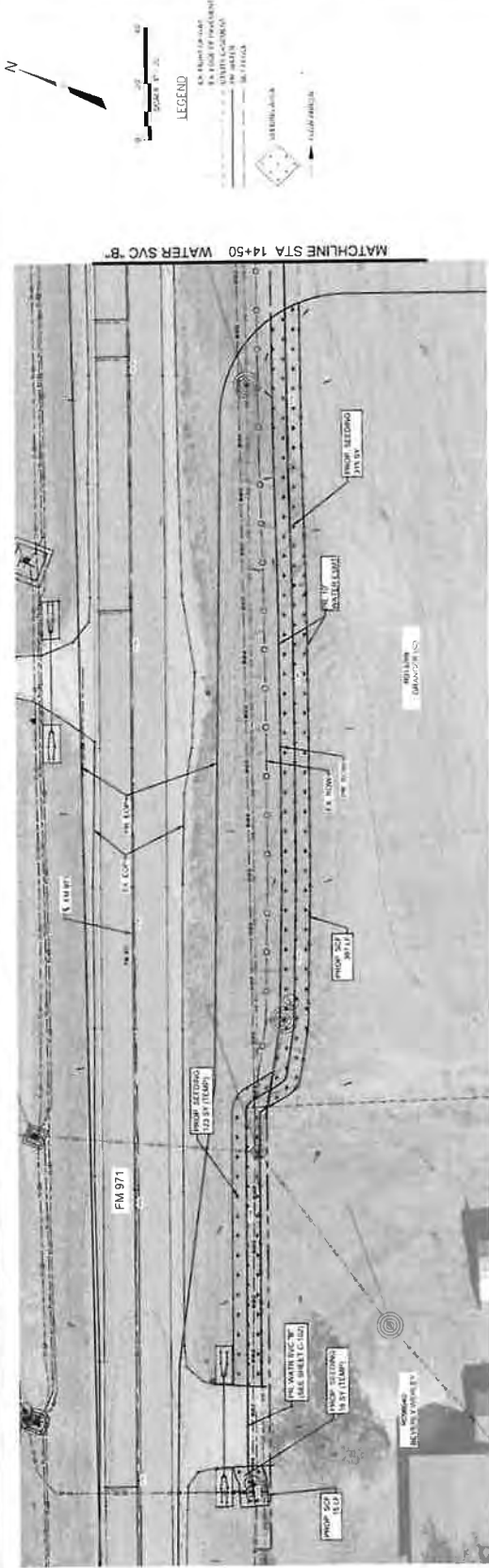
2. CONTRACTION TO THE LEFT OFI OF CHARGER A UNIFORM SHOOTING
3. TWO BELTS HOLD FOR ALL WATERLINE
4. EIGHTING WATER WAYS ARE TO BE PROTECTED AND REMAIN IN SERVICE UNTIL THE NEW WAYS ARE COMPLETED AND THE NEW WAYS ARE PLACED IN SERVICE
5. EIGHTING WATER SERVING LINES AND METERS ARE TO BE PROTECTED AND REMAIN IN SERVICE UNTIL NEW WAYS ARE COMPLETED AND THE NEW WAYS ARE PLACED AND NOT RECONNECTED AND IN SERVICE
6. CLOSING WITH WATER MAINS TO BE DISCONNECTED AND REMAIN IN SERVICE UNTIL THE PROPOSED TREATMENT ARE TO BE CUT, CAPPED AND FILLED WITH FLOWABLE FILL SUSCEPTIBLE TO COLLAPSE. NO FLOWABLE FILL SUSCEPTIBLE TO COLLAPSE IS TO BE MANHOLED IN PLACE, AND ARE NOT UNDER THE PROPOSED RAINWAYS WILL BE CAPPED

	<p>3000 N. HARPIS CIRCLE, SUITE 100 ALFRED, TEXAS 77829 512.629.1111 FAX 512.629.1112 WWW.COBBLANDLEY.COM</p>	<p>WATER SERVICE "B" - PLAN SHEET 2 FM 971 WATER RELOCATIONS GRANGER, TEXAS</p>		
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EROSION CONTROL PLAN SHEET -
WATER SERVICE "B"
FM 971 WATER RELOCATIONS
GRANGER, TEXAS

CobbFendley
 800.368.2222 • 708.368.2222
 600 W. Wabash Expressway, Suite 400
 Chicago, IL 60601
 FAX 708.368.2222
 WWW.COBBFENDLEY.COM



Utility Adjustment for Williamson County Project

Williamson County
STANDARD
SUA ESTIMATE

City of Granger
FM 971

The cost estimate items must be sufficiently detailed to provide Williamson County with a reasonable basis for analysis. Items should include appropriate units and unit price for each (applies to all "EA" or "LS" items).

Labor & Material to be procured by Williamson County - JOINT BID				
Line Item / Item Description	Unit	Quantity	\$/Unit	Total
FURNISHING AND PLACING TOPSOIL (4")	SY	1082	\$5.75	\$ 6,221.50
EROSION CONTROL COMPOST (3")	SY	271	\$3.06	\$ 829.26
MULCH TOPDRESSING (5")	SY	271	\$1.00	\$ 271.00
SEEDING FOR EROSION CONTROL (TEMP)(COOL) (TY 4)	SY	541	\$0.89	\$ 481.49
SEEDING FOR EROSION CONTROL (PERM)(WARM)(TY 5)	SY	1082	\$1.80	\$ 1,947.60
FERTILIZER	TON	0.068	\$1,350.00	\$ 91.80
VEGETATIVE WATERING	MG	32	\$540.00	\$ 17,280.00
BARRICADES, SIGNS AND TRAFFIC HANDLING	MO	2	\$11,167.00	\$ 22,334.00
TEMP SEDMT CONT FENCE (INSTALL)	LF	295	\$22.00	\$ 6,490.00
TEMP SEDMT CONT FENCE (REMOVE)	LF	295	\$2.25	\$ 663.75
ENCASEMENT PIPE 4" SDR 26 PVC (OPEN CUT)	LF	43	\$80.00	\$ 3,440.00
TRENCH EXCAVATION SAFETY PROTECTION SYSTEM (ALL DEPTHS)	LF	1083	\$4.00	\$ 4,332.00
PIPE, 1 IN DIA HDPE (ALL DEPTHS), INCLUDING EXCAVATION & BACKFILL	LF	1083	\$55.00	\$ 59,565.00
WATER SERVICE RELOCATION, INCLUDING CORPORATION STOP, TAP TO MAIN, WATER METER, AS WELL AS REMOVAL OF EXISTING COMPONENTS	EA	2	\$2,000.00	\$ 4,000.00
MOBILIZATION	EA	1	\$2,128.00	\$ 2,128.00
EROSION CONTROL	EA	1	\$10,642.50	\$ 10,642.50
Select this row and Insert to add rows. Drag to fill formulas from top cell.				
SUBTOTAL				\$ 140,717.90

Internally Supplied Materials - documented with Certified Ledger at Payment				
Line Item / Item Description	Unit	Quantity	\$/Unit	Total
N/A				\$ -
OVERHEAD (%)	Enter % if applicable		0.00%	\$ -
SUBTOTAL				\$ -

Externally Acquired Materials - documented with Invoices and/or Checks				
Line Item / Item Description	Unit	Quantity	\$/Unit	Total
N/A				\$ -
SUBTOTAL				\$ -
MATERIALS SUBTOTAL				\$ 140,717.90

* Indicated items are being tracked for **Buy America Compliance** and will be documented using **Form 1818** and all supporting documentation prior to installation (Buy America Compliance only applies when state or federal funding is present).

X Indicated items are IRON or STEEL, but will not be tracked for Buy America Compliance due to falling under the DE MINIMUS of \$2,500, or .1% of the project total cost, whichever is greater (Buy America Compliance only applies when state or federal funding is present).

Williamson County contractor labor - JOINT BID				
Line Item / Item Description	Unit	Quantity	\$/Unit	Total
N/A				\$ -
SUBTOTAL				\$ -

Internal Labor Costs - documented with Certified Ledger at payment.				
Line Item / Item Description	Unit	Quantity	\$/Unit	Total
N/A				\$ -
OVERHEAD (%)	Enter % if applicable		0.00%	\$ -
SUBTOTAL				\$ -

External Labor Costs - documented with Invoices and / or checks				
Line Item / Item Description	Unit	Quantity	\$/Unit	Total
N/A				\$ -
SUBTOTAL				\$ -
LABOR SUBTOTAL				\$ -

Engineering Procured by Williamson County - 100% eligibility required				
Line Item / Item Description	Unit	Quantity	\$/Unit	Total
Design (CobbFendley)	EA	1	\$27,838.00	\$ 27,838.00
Bid (CobbFendley)	EA	1	\$2,802.00	\$ 2,802.00

Construction (CobbFendley)	EA	1	\$15,887.00	\$ 15,887.00
			SUBTOTAL	\$ 46,527.00

Internal Engineering - Costs Documented with Certified Ledger at payment.				
Line Item / Item Description	Unit	Quantity	\$/Unit	Total
N/A				\$ -
			SUBTOTAL	\$ -
Internal Survey / Landman				\$ -
N/A				\$ -
			SUBTOTAL	\$ -
Internal Inspection				\$ -
N/A				\$ -
			SUBTOTAL	\$ -
Internal Administration				\$ -
N/A				\$ -
			SUBTOTAL	\$ -
Internal Engineering/ Survey/ Inspection/ Administration Overhead				
OVERHEAD (%)			Enter % if applicable	0.00%
				\$ -
			SUBTOTAL	\$ -

External Engineering - Cost documented with INVOICES and / or CHECKS				
Line Item / Item Description	Unit	Quantity	\$/Unit	Total
Virtual Project Meeting	HR	1	\$180.00	\$ 180.00
Plan Reviews (2 reviews)	HR	3	\$180.00	\$ 540.00
Site Meeting	HR	1	\$180.00	\$ 180.00
Site Visits (2 hours/week for 4 weeks)	HR	8	\$180.00	\$ 1,440.00
			SUBTOTAL	\$ 2,340.00
External Survey/ Landman				\$ -
N/A				\$ -
			SUBTOTAL	\$ -
External Inspection	HR	16	\$90.00	\$ 1,440.00
Inspection (4 hours/week for 4 weeks)				\$ 1,440.00
			SUBTOTAL	\$ 1,440.00

Engineering / Administration / Inspection SUBTOTAL \$ 50,307.00

Existing Easement Compensation - following Quit Claim / Eligibility Ratio not applied.				
Line Item / Item Description	Unit	Quantity	\$/Unit	Total
N/A				\$ -
			SUBTOTAL	\$ -
Replacement Easement Compensation - following Quit Claim / Eligibility Ratio is applied.				
cost must be supplied at billing.				Documentation of actual
				\$ -
N/A				\$ -
			SUBTOTAL	\$ -

Easement Compensation SUBTOTAL \$ -

SUMMARY:

Total Project Cost	\$ 191,024.90
Amount Payable in Williamson County Contract (Joint Bid)	\$ 187,244.90
Utility Cost	\$ 3,780.00
0.00%	\$ -
Gross Reimbursable to Utility	\$ 3,780.00
SALVAGE and/or Depreciation CREDIT	\$ -
0.00%	\$ -
Ratio Deduction	\$ -
Amount reimbursable after Betterment and Salvage Credit	\$ 3,780.00
100.00%	\$ 3,780.00
NET REIMBURSEMENT TO UTILITY	\$ 3,780.00

Version 1.0

Attachment "B" Accounting Method

☒ **Actual Cost Method of Accounting**

The Utility accumulates cost under a work order accounting procedure prescribed by the Federal or State regulatory body and proposes to request reimbursement for actual direct and related indirect costs.

☐ **Lump Sum Method of Accounting**

Utility proposed to request reimbursement based on an agreed lump sum amount supported by a detailed cost analysis.

Initial Date
County

Initial Date
Utility

Attachment "C" Schedule of Work

Estimated Start Date (mm/dd/yyyy): 07/01/2025, subject to physical work restrictions prior to the issuance of environmental clearance as required by the provisions of this Agreement. (If construction will be joint bid and included in the highway contract, enter the Project let date.)

Estimated Duration (number of days): 63

Estimated Completion Date (mm/dd/yyyy): 11/10/2025

- ☒ Joint Bid Construction – Actual construction dates may vary as determined by the Project contractor or the County.

Initial Date
County

YKS 4-30-25
Initial Date
Utility

Attachment "D"

Statement Covering Contract Work

Engineering Contract:

- ☐ Utility performing with their own forces. (Certified timesheets or ledgers are required at billing.)
- ☒ Utility will use consultant contract (Continuing contract rate sheets of fee schedule must be attached.)
- ☒ The County will procure a utility engineering consultant (Engineering rate sheet must be attached.)

Construction Contract:

- ☐ Utility performing with their own forces. (Certified timesheets or ledgers are required at billing.)
- ☐ Utility will use outside forces to perform the accommodation. (Complete the Procedure to be used in Contracting Work below.)
- ☒ The County will complete the accommodation joint-bid as indicated below. (Option D) (WILCO-U-JB also required)

Statement Covering Utility Construction Contract Work

I, Mayor Monica Stojanik, a duly authorized and qualified representative of City of Granger, hereinafter referred to as Utility, am fully cognizant of the facts and make the following statements in respect to the work which will or may be done on a contract basis as it appears in the estimate (Attachment A), to which this statement is attached.

It is more economical and/or expedient for Utility to contract this accommodation, or Utility is not adequately stated or equipped to perform the necessary work on this Project with its own forces to the extent as indicated on the estimate.

Procedure to be used in Contracting Work:

☐ Option A:

Solicitation of bids is to be accomplished through open advertising and contract is to be awarded to the lowest qualified bidder who submits a proposal in conformity with the requirements and specifications for the work to be performed. Associated bid tabulations must be provided to the County at billing.

Initial
County

Date

Initial

Date
Utility

**Option B:**

Solicitation of bids is to be accomplished by circulating to a list of pre-qualified contractors or known qualified contractors who submits a proposal in conformity with the requirements and specifications for the work to be performed. Associated bid tabulations will be provided to the County. Such presently known contractors are listed below: (a list may be attached)

1. _____
2. _____
3. _____

**Option C:**

The work is to be performed under an existing continuing contract under which certain work is regularly performed for Utility and under which the lowest available costs are developed. The existing continuing contract will be made available for the County for review at a location mutually acceptable to the Utility and the County. If only part of the work is to be done under an existing contract, a Continuing Contract Rate sheet must be attached.

**Option D:**

The Utility plans and specifications, with the consent of County, will be included in the construction contract awarded by the County. In the best interest of both the County and Utility, the Utility request the County to include the plans and specifications for this work in the general contract for construction of the Project FM 971, so that the work may be can be coordinated with the other construction operations; and the construction contract is to be awarded by the County to the lowest qualified bidder who submits a proposal in conformity with the requirements and specifications for the work to be performed. If this option is chosen, attach form WILCO-U-JB, the terms of which are incorporated herein by reference.

Signature_____
Date_____
Title_____
Initial

County

Date_____
Initial

Utility

Date

MS 4-24-25

WILCO-U-JB

Statement Covering Utility Construction Contract Work – In the Williamson County's Project Construction Contract

Work Responsibilities

- A. The County (Utility or County) is responsible for engaging the services of a Texas Registered Professional Engineer to prepare drawings and technical specifications for the required accommodations along FM 971.
- B. The County (Utility or County) will develop the plans and specifications for the County to include in the current planning specifications and estimate package being prepared by representatives of the County.
- C. The Utility (Utility or County) will secure all necessary permitting as may be required for the installation of the water line on behalf of the utility.
- D. The Utility (Utility or County) will secure all necessary easements as may be required for the installation of the water line on behalf of the utility.

E. The **Utility** shall provide the following services under this Agreement:

- i. ~~Responsible for engaging the services of a Texas Registered Professional Engineer to prepare drawings and technical specifications for relocations and adjustments along FM 971.~~
- ii. ~~Provide the plans and specifications to the County to include in the current planning specifications and estimate package being prepared by representatives of the Williamson County.~~
- iii. Secure all necessary permitting as may be required for the installation of the water line.
- iv. Arrange and coordinate with the contractor, through the County, materials and equipment testing, rejection of all work not conforming to minimum requirements of the construction contract documents, maintenance of the proposed water during construction, and the relocation of water facilities and connection of services to customers.
- v. Advise the County of work that Utility determines should be corrected or rejected.
- vi. Arrange, observe, and inspect all acceptance testing and notify the County of the results of these activities.

Initial _____
County

Date _____

Initial _____

Utility

Date _____

- vii. Provide inspection services for the construction, notify the County of defects and deficiencies in the work, and observe actions of the contractor to correct such defects and deficiencies.
- viii. Assume all responsibility for the maintenance of the existing water facilities during and upon completion of the construction contract.
- ix. Ensure all Texas Commission on Environmental Quality and all other regulatory rules, regulations and laws are strictly adhered to.
- x. Prepare and submit both a certificate of substantial completion and a list of observed items requiring completion or correction for the relocations and adjustments to the Project Engineer for concurrence.
- xi. Coordinate all construction activities performed by Utility's staff for the relocations and adjustments through the Project Engineer.

F. The County shall provide the following services under this Agreement:

- i. Combine the water facility relocation and adjustment plans with the plans being prepared for the Project.
- ii. Review and approve the final construction plans prior to any construction-related activities. In order to ensure federal and/or state funding eligibility, projects must be authorized by the County prior to advertising for construction.
- iii. Advertise for construction bids, issue bid proposals, receive and tabulate the bids, and award and administer the contract for construction of the Project.
- iv. Negotiate and administer all field changes and change orders required for the Project. All change orders increasing construction costs for Utility's Project shall be submitted to Utility for review and approval together with an evaluation. Utility agrees to review and either approve or disapprove all change orders within five (5) business days after receipt of such order unless Utility Board's approval is necessary in which case Utility shall bring the item to Utility Board as soon as reasonably possible.
- v. Provide overall project management to supervise the day-to-day activities of the construction and monitor the activities of the contractor to promote the timely and efficient completion of the Project in accordance with the approved Plans and Specifications and construction schedule.
- vi. Conduct field observations and coordinate with Utility's inspectors and the contractor to cure defects and deficiencies in the construction prior to final acceptance.
- vii. Make timely payment to the contractor for work performed in connection with the Project.
- viii. Ensure access and permit Utility's inspectors and other authorized representatives to inspect the construction at all times.

Initial Date
County

YMS 4-24-25
Initial Date
Utility

Form WILCO-U-SUA

Rev. 3-25

Page 1

- ix. Conduct and coordinate final inspection of the Project in the presence of Utility's Engineer and Inspector, transmit final list of items to be completed or repaired and observe contractor correction of same.
- x. Maintain job file.

Initial Date
County

YMS 4-24-25
Initial Date
Utility

Attachment "E" Utility Joint Use Agreement

- ☐ Utility Joint Use Agreement (WILCO-U-JUA)
☐ Plans with highlighted areas to be joint used are included.
- ☒ Utility Installation Review/Permit Number: 00002/20250428/400031/523416/UP
The utility must obtain an approved permit before the start of construction inside the County right of way.
- ☐ Utility Prior Rights Agreement
☐ Plans with prior rights area highlighted are included.
- ☐ Quit Claim will be submitted at the Final Billing
Area of existing easements to be quit claimed is noted in the plans.

Initial Date
County

Initial Date
Utility

Attachment "F" Eligibility Ratio

Eligibility Ratio established: 100 %

- ☐ Interstate roadway
- ☒ Non-interstate roadway / project

NOTE:

City of Granger's 1" Waterline is currently in conflict with the proposed Right Turn Lane along FM971. To maintain the project schedule, Williamson County intends to relocate the water line out of conflict at County's cost.

Initial Date
County

MS 4-24-25
Initial Date
Utility

Attachment "G" Betterment Calculation and Estimate

- ☒ No Betterment
- ☐ Elective Betterment Ratio established: %
- ☐ Betterment % Calculation is attached
- ☐ Comparative Estimate including betterment and in-kind is attached
- ☐ Forced Betterment
- ☐ To comply with regulated industry standards, laws, and regulations.
 (Supporting documentation is attached)
- ☐ To comply with published current design practice followed by the utility in
 its own work. (Supporting documentation is attached)
- ☐ Due to proposed project design. (Provide explanation below)

Description of Elective Betterment included in this accommodation:

Statement justifying Forced Betterment included in this accommodation:

Initial Date
County

YMS 4.24.25
Initial Date
Utility

Attachment "H" Proof of Property Interest

- ☐ Supporting documentation of compensable property interest that establishes reimbursement eligibility.
- ☐ Property interest documented through the following applicable affidavits and required attachments are attached.
 - ☐ WILCO-U-Affidavit
 - ☐ Utility Owner
AND
 - ☐ Disinterested Party or Landowner
 - ☐ Pole attachment with utility holding a compensable property interest.

NOTE:

City of Granger's 1" Waterline is currently in conflict with the proposed Right Turn Lane along FM971. To maintain the project schedule, Williamson County intends to relocate the water line out of conflict at County's cost.

Initial Date
County

Initial Date
Utility
MS 4-24-15