

**INTERLOCAL AGREEMENT REGARDING  
RELOCATION OF WATER SYSTEM IMPROVEMENTS  
CR 332 ROADWAY CONSTRUCTION PROJECT**

|                      |   |                             |
|----------------------|---|-----------------------------|
| THE STATE OF TEXAS   | § |                             |
|                      | § | KNOW ALL BY THESE PRESENTS: |
| COUNTY OF WILLIAMSON | § |                             |

**THIS INTERLOCAL AGREEMENT REGARDING RELOCATION OF WATER SYSTEM IMPROVEMENTS (“Agreement”)** is entered into between Jarrell-Schwertner Water Supply Corporation (the “JSWSC”) and Williamson County, Texas, a political subdivision of the State of Texas (the “County”). In this Agreement, the JSWSC and the County are sometimes individually referred to as “a Party” and collectively referred to as “the Parties.”

**WHEREAS**, the County is and has been in the process of designing and improving CR 332, the location of which is shown on Exhibit “A” attached hereto (the “County Project”); and

**WHEREAS**, some of the proposed County Project includes the widening of the right-of-way into easements in which the JSWSC’s water system improvements are or will be located; and

**WHEREAS**, the Parties have determined that, because of the County Project, the relocation of JSWSC water lines is necessary (the “Relocation Project”); and

**WHEREAS**, plans and specifications for the relocation of the JSWSC water lines affected by the County Project have been prepared by County, and are attached hereto as Exhibit “B” (the “Plans”); and

**WHEREAS**, this Agreement sets forth the terms and conditions pursuant to which the County will relocate the JSWSC’s waterlines in certain segments of the County Project.

**NOW, THEREFORE**, in consideration of the foregoing premises and the mutual promises and agreements of the Parties contained in this Agreement, the Parties agree as follows:

**I.  
GENERAL PROVISIONS**

**1.01 General.** The purpose of this Agreement is to provide for the County’s design and construction of the Relocation Project caused by the County’s construction of the County Project.

**1.02 County Relocation of Waterlines.** The County must, at its own expense, pay all costs related to the Relocation Project in accordance with the Plans, subject to the reimbursement allocations as further set out in this Agreement..

**1.03 County to Obtain and Assign Easements.** The County must acquire at its own expense waterline easement rights in favor of the JSWSC in the location shown on Exhibit “C”,

attached hereto, as required by the JSWSC for the Relocation Project, as shown in the Plans. This Agreement specifically allows and authorizes the County's right-of-way attorneys to acquire easements by eminent domain, if necessary, on behalf of the JSWSC. The form of the easement granting document must be approved by the JSWSC prior to acquisition. The JSWSC is not responsible for costs associated with easement acquisition for the County Project or Relocation Project. Any easements acquired as set out herein which are not otherwise granted directly to the JSWSC shall be assigned by the County to the JSWSC upon completion of construction of the Relocation Project.

### **Obligations.**

**1.04 Continuation of Service.** The County agrees that both the County Project and the Relocation Project must be undertaken so as to minimize any disruption of water service to existing customers of the JSWSC and will not result in the prolonged loss of water service to any such customers.

## **II. CONSTRUCTION OF PROJECT**

**2.01 General.** The Parties mutually acknowledge and agree that the County will, at its own expense, construct all physical improvements that constitute the County Project and the Relocation Project. The County and the JSWSC agree that the County is responsible for 100% of the construction costs of the CR 332 portion of the Relocation Project (estimated at \$411,916.67). This share is referred to as the Construction Costs.

**2.02 Maintenance.** After acceptance, the JSWSC will own and maintain the facilities included in the Relocation Project.

**2.03 Construction Plans.** The County has submitted the Plans related to the Relocation Project, and any changes or modifications thereto, to JSWSC for review and approval prior to the County commencing construction. The Relocation Project will be jointly bid and constructed as part of the County Project.

**2.04 Inspection.** The JSWSC may inspect the relocation of the waterlines during construction. If the JSWSC's inspectors determine that the construction by the County is not in accordance with the approved Plans and upon receipt of such notification from the JSWSC, the County must cease construction until the deficiency can be identified and a corrective plan of construction implemented with the written agreement of the JSWSC.

**2.05 Insurance, Bonds and Warranties.** The County must require the contractor for the County Project to name the JSWSC as an additional insured on any policies related to the County Project or Relocation Project. The County must require the contractor to provide performance bonds, payment bonds, and maintenance bonds in favor of the JSWSC for the County Project and Relocation Project in amounts satisfactory to the JSWSC. The County must transfer any warranties for the Relocation Project to the JSWSC upon final completion and the JSWSC's written acceptance of the Relocation Project.



**2.06 Other Costs.** The County must reimburse the JSWSC for the 100% reimbursable percentage of costs incurred by the JSWSC relating to the CR 332 portion of the Relocation Project, and for inspections, permitting, engineering, and legal services related to the Relocation Project in accordance with the Texas Prompt Payment Act.

**2.07 As-Built Drawings.** Upon completion of the construction of the Relocation Project, County will provide JSWSC with the as-built drawings of the Relocation Project.

### **III. DISPUTES**

#### **3.01 Material Breach; Notice and Opportunity to Cure.**

(a) In the event that one Party believes that another Party has materially breached one of the provisions of this Agreement, the non-defaulting Party must make a written demand to cure and give the defaulting Party up to 30 days to cure such material breach or, if the curative action cannot reasonably be completed within 30 days, the defaulting Party must commence the curative action within 30 days and thereafter diligently pursue the curative action to completion. Notwithstanding the foregoing, any matters specified in the default notice that may be cured solely by the payment of money must be cured within 10 days after receipt of the notice. This applicable time period must pass before the non-defaulting Party may initiate any remedies available to the non-defaulting party due to such breach.

(b) Any non-defaulting Party must mitigate direct or consequential damage arising from any breach or default to the extent reasonably possible under the circumstances.

(c) The Parties agree that they will negotiate in good faith to resolve any disputes and may engage in non-binding mediation, arbitration or other alternative dispute resolution methods as recommended by the laws of the State of Texas.

**3.02 Equitable Relief.** In recognition that failure in the performance of the Parties' respective obligations could not be adequately compensated in money damages alone, the Parties agree that after providing notice and an opportunity to cure in accordance with Section 3.01 above, the non-defaulting Party may request any court, agency or other governmental authority of appropriate jurisdiction to grant any and all remedies which are appropriate to assure conformance to the provisions of this Agreement. The defaulting Party will be liable to the other for all costs actually incurred in pursuing such remedies and for any penalties or fines as a result of the failure to comply with the terms including, without limitation, the right to obtain a writ of mandamus or an injunction requiring the governing body of the defaulting Party to levy and collect rates and charges or other revenues sufficient to pay the amounts owed under this Agreement.

**3.03 Agreement's Remedies Not Exclusive.** The provisions of this Agreement providing remedies in the event of a Party's breach are not intended to be exclusive remedies. The Parties retain, except to the extent released or waived by the express terms of this Agreement, all rights at law and in equity to enforce the terms of this Agreement.

**IV.**  
**GENERAL PROVISIONS**

**4.01 Authority.** This Agreement is made in part under the authority conferred in Chapter 791, *Texas Government Code*.

**4.02 Severability.** The provisions of this Agreement are severable and, if any provision of this Agreement is held to be invalid for any reason by a court or agency of competent jurisdiction, the remainder of this Agreement will not be affected and this Agreement will be construed as if the invalid portion had never been contained herein.

**4.03 Payments from Current Revenues.** Any payments required to be made by a Party under this Agreement must be paid from current revenues available to the Party for such purpose.

**4.04 Cooperation.** The Parties agree to cooperate at all times in good faith to effectuate the purposes and intent of this Agreement.

**4.05 Effective Date.** This Agreement is effective from the date of execution by the authorized representative of each Party.

**4.06 Entire Agreement.** This Agreement contains the entire agreement of the Parties regarding the subject matter hereof and supersedes all prior or contemporaneous understandings or representations, whether oral or written, regarding the subject matter and only relates to those portions of the County Project or Relocation Project shown in the Plans.

**4.07 Amendments.** Any amendment of this Agreement must be in writing and will be effective if signed by the Parties' authorized representatives.

**4.08 Applicable Law; Venue.** This Agreement will be construed in accordance with Texas law. Venue for any action arising hereunder will be in Williamson County, Texas.

**4.09 Notices.** Any notices given under this Agreement will be effective if (i) forwarded to a Party by hand-delivery; (ii) transmitted to a Party by confirmed fax machine; or (iii) deposited with the U.S. Postal Service, postage prepaid, certified, to the address of the Party indicated below:

**JSWSC:**

Jarrell Schwertner WSC  
2393 County Road 311  
Jarrell, Texas 76537  
Attn: General Manager  
Telephone: 512-746-2114

**COUNTY:**

Williamson County  
710 Main Street, Suite 101  
Georgetown, Texas 78626  
Attn: County Auditor  
Telephone: (512) 943-1577

**With a copy to:**

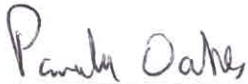
Sheets & Crossfield, PLLC  
309 E. Main Street  
Telephone: 512-255-8877

**4.10 Counterparts; Effect of Partial Execution.** This Agreement may be executed simultaneously in multiple counterparts, each of which will be deemed an original, but all of which will constitute the same instrument.

**4.11 Authority.** Each Party represents and warrants that it has the full right, power and authority to execute this Agreement.

**ATTEST:**

**JARRELL-SCHWERNER  
WATER SUPPLY CORPORATION**



\_\_\_\_\_  
Pamela Oakes, Secretary

By:   
Mark Harbin, President  
Date: 2/26/2024

**ATTEST:**

**WILLIAMSON COUNTY:**

\_\_\_\_\_  
Nancy Rister, County Clerk

By: \_\_\_\_\_  
Bill Gravell, Jr., County Judge

Date: \_\_\_\_\_



## EXHIBIT A

## WILLIAMSON COUNTY

## INDEX OF SHEETS

| SHEET NO. | DESCRIPTION     |
|-----------|-----------------|
| 1         | TITLE SHEET     |
| 2         | INDEX OF SHEETS |

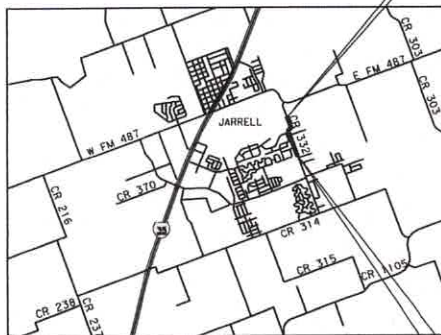
### CR 332 PRECINCT NUMBER 4

NET LENGTH OF ROADWAY = 2150 FT (0.407 MILES)  
 NET LENGTH OF BRIDGES = 0.00 FT (0.000 MILES)  
 NET LENGTH OF PROJECT = 2150 FT (0.407 MILES)

LIMITS: FROM 1900' NORTH OF CR 313  
 TO 1650' SOUTH OF FM 487  
 IN THE CITY OF JARRELL.

FOR THE CONSTRUCTION OF THE EARTHWORK, GRADING,  
 DRAINAGE STRUCTURES, BASE COURSE, ASPHALTIC  
 CONCRETE PAVEMENT, SIGNING AND PAVEMENT MARKINGS.

END PROJECT  
 STA. 51+50.00



VICINITY MAP  
 N.T.S.

BEGIN PROJECT  
 STA. 30+00.00

EXCEPTIONS: NONE  
 EIGHTHOURS: NONE  
 RAILROAD CROSSINGS: NONE  
 WATERSHED: UPPER LITTLE RIVER  
 AREA OF DISTURBANCE: 16.13 AC

PREPARED BY:  
 SEILER LANKES GROUP (DESIGN CONSULTANT)

GERALD LANKES, PE  
 PROJECT MANAGER

DATE



FUNCTIONAL CLASSIFICATION = MINOR COLLECTOR  
 DESIGN SPEED = 45 MPH  
 ADT (2015) = 1400  
 DHV (2015) = 140  
 ADT (2035) = 4100  
 DHV (2035) = 410



APPROVED BY:  
 WILLIAMSON COUNTY

BILL GRAVELL, JR.  
 WILLIAMSON COUNTY JUDGE

DATE

APPROVED BY:  
 WILLIAMSON COUNTY

RUSS BOLES  
 WILLIAMSON COUNTY COMMISSIONER, PRECINCT 4

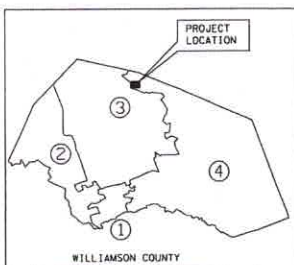
DATE

APPROVED BY:  
 HNTB CORPORATION

RICHARD L. RIDINGS, PE  
 ROAD BOND MANAGEMENT TEAM

DATE

REQUIRED SIGNS SHALL BE PLACED IN ACCORDANCE WITH STANDARD  
 SHEETS BC(11)-21 THRU BC(12)-21 AND THE TEXAS MANUAL ON UNIFORM  
 TRAFFIC CONTROL DEVICES.



**Seiler Lankes Group**  
 PLANNING • ENGINEERING • CONSTRUCTION  
 TYPE License No. 16170

TxDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION  
 OF HIGHWAYS, STREETS AND BRIDGES ADOPTED ON  
 NOVEMBER 1, 2014 AND ALL APPLICABLE SPECIAL PROVISIONS  
 AND SPECIAL SPECIFICATIONS AS INDICATED IN THE BID  
 DOCUMENTS SHALL GOVERN ON THIS PROJECT.

EXHIBIT B

# WATER LINE RELOCATION PROJECT ALONG COUNTY RD. 332 IN WILLIAMSON COUNTY, TEXAS Lone Star Regional Water Authority - 12" W.L. Jarrell/Schwertner WSC - 8" W.L. Sonterra MUD - 12" W.L.

**LONE STAR REGIONAL WATER AUTHORITY**

Bryant Smith ..... President (City of Jarrell)  
Mike Fisher ..... Vice President (Sonterra M.U.D.)  
Ken Heroy ..... Secretary (Sonterra M.U.D.)  
Keith Odum ..... Asst. Secretary (Williamson County)  
Jeff Stockton ..... Director (City of Jarrell)  
Hollis Bone ..... Director (Williamson County)  
Richard Hamala ..... General Counsel  
J. Tom Ray, P.E. .... General Manager

ACCEPTED FOR CONSTRUCTION

*J. Tom Ray* 11/20/2023  
J. TOM RAY DATE  
LONE STAR REGIONAL WATER AUTHORITY  
General Manager

ACCEPTED FOR CONSTRUCTION

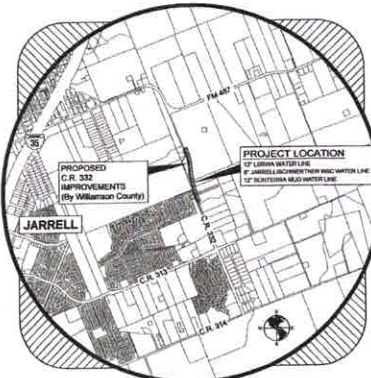
*Joe Simmons* 11/20/2023  
JOE SIMMONS DATE  
JARRELL SCHWERTNER WSC  
General Manager

ACCEPTED FOR CONSTRUCTION

*Sam Jones* 11-22-2023  
SAM JONES DATE  
SONTERRA MUNICIPAL UTILITY DISTRICT  
District Engineer

Number of the plates by the District is limited to fifteen, and does not include a reserve of the company of the design of facilities. In approving these plans, the District must only be the responsibility of the work of the Design Engineer.

| PLAN REVISIONS |           |      |             |          |
|----------------|-----------|------|-------------|----------|
| Revision No.   | Sheet No. | Date | Description | Mod'd By |
|                |           |      |             |          |
|                |           |      |             |          |
|                |           |      |             |          |



**S.D. KALLMAN, L.P.**  
Engineers and Professional Consultants  
10015 Iron Ridge, Suite 101  
Houston, Texas 77036  
Phone: (281) 218-4800  
Fax: (281) 218-1000  
www.sdkallman.com



STEVEN D. KALLMAN, P.E.

*Steven D. Kallman* 11-19-2023  
DATE

**SHEET INDEX**

| SHEET NO. | DESCRIPTION                                              |
|-----------|----------------------------------------------------------|
| 1         | COVER SHEET                                              |
| 2         | GENERAL NOTES                                            |
| 3         | QUANTITIES (Lone Star Regional Water Authority)          |
| 4         | QUANTITIES (Jarrell/Schwertner Water Supply Corporation) |
| 5         | QUANTITIES (Sonterra Municipal Utility District)         |
| 6         | PLAN AND PROFILE STATION 0+00 - 12+00                    |
| 7         | PLAN AND PROFILE STATION 12+00 - 22+39.60                |
| 8         | EROSION CONTROL PLAN                                     |
| 9         | GENERAL CONSTRUCTION DETAILS - Sheet 1 of 2              |
| 10        | GENERAL CONSTRUCTION DETAILS - Sheet 2 of 2              |

WATER LINE RELOCATION PROJECT  
ALONG COUNTY RD. 332  
IN WILLIAMSON COUNTY, TEXAS  
Lone Star Regional Water Authority - 12" W.L.  
Jarrell/Schwertner WSC - 8" W.L.  
Sonterra MUD - 12" W.L.  
PROJECT NUMBER 724-1833

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| Water Line Relocation Project Along County Rd. 332<br>in Williamson County, Texas                                                                                                                                                                                                                                                                                                                                                       |          |                                                                                                                        |           |      |      |                |           |        |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------|-----------|------|------|----------------|-----------|--------|-------|
| PROJECT: Lone Star Regional Water Authority - 12" Water Line                                                                                                                                                                                                                                                                                                                                                                            |          |                                                                                                                        | REVISION: |      |      |                |           |        |       |
| Full compensation for compliance with each and every provision of the Request for Bid, the Bid, the Specifications, and the Contract will be considered as included in the unit prices for the work set forth below and no separate payment will be made for compliance with each and every provision of the Request for Bid, the Bid, the Specifications, and the Contract, unless separate payment is expressly provided for therein. |          |                                                                                                                        |           |      |      |                |           |        |       |
| NO.                                                                                                                                                                                                                                                                                                                                                                                                                                     | ITEM     | DESCRIPTION                                                                                                            | QUANTITY  |      |      | UNIT           | UNIT COST | AMOUNT | BID   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |                                                                                                                        | 1         | 2    | 3    |                |           |        |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                       | 101.1    | 12" PVC, C-90, 10' to 14' (less 360' Water Line including Water Valve, 11' Fittings and Connection)                    | 1000      | 1000 | 0    | EA             | 1.7       | 1700   | 1     |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                       | 101.1    | 12" PVC Connection on the Existing Lone Star Regional Water Authority 12" Water Line                                   | 1         | 1    | 0    | EA             | 2         | 2      | 1     |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                       | 111.3A1  | 12" Gate Valve, Flange and Handle                                                                                      | 1         | 1    | 0    | EA             | 2         | 2      | 1     |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                       | 111.3C2  | 12" Automatic Air and Vacuum Release Valve Assembly, including Double Ring Break Testing Nozzle and 12" PVC Water Line | 1         | 1    | 0    | EA             | 2         | 2      | 1     |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                       | 111.3C2A | Water for Flushing Water Lines, paid to Lone Star Regional Water Authority                                             | 21.45     | 16.1 | 5    | GA             | 1.00      | 21.45  | 1     |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                       | 101.1    | Travel Safety Systems                                                                                                  | 1000      | 1000 | 0    | EA             | 2.00      | 2000   | 1     |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                       | 101.1    | Traffic Control Plan Development and Implementation                                                                    | 0         | 0    | 1    | EA             | 1.00      | 1      | 1     |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                       | 101.1    | Storm Water Pollution Prevention Plan Development and Implementation                                                   | 0         | 0    | 1    | EA             | 1.00      | 1      | 1     |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                       | 111.3C2  | Excavation and Backfilling                                                                                             | 0         | 0    | 1    | EA             | 1.00      | 1      | 1     |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                      | 111.3C2  | Flowable Fill in the abandoned 12" Water Line under Proposed Roadway                                                   | 100       | 300  | 0    | EA             | 1.00      | 300    | 1     |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                      | 101.1    | 18" Fence for Erosion Control                                                                                          | 0         | 0    | 1000 | EA             | 1.00      | 1000   | 1     |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                      | 111.3C2  | 12" Flush Valve Assembly                                                                                               | 1         | 0    | 0    | EA             | 1         | 1      | 1     |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                      | 101.1    | 12" Water Division during March 2010 - 5 Day Water                                                                     | 1         | 1    | 0    | EA             | 1         | 1      | 1     |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                      | 101.1    | 12" Water Division during March 2010 - 5 Day Water                                                                     | 0         | 0    | 0    | EA             | 1         | 1      | 1     |
| TOTAL AMOUNT OF BID                                                                                                                                                                                                                                                                                                                                                                                                                     |          |                                                                                                                        |           |      |      | Quotations and |           |        | Costs |
|                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |                                                                                                                        |           |      |      |                |           |        | 139   |

THIS IS THE LOWEST BIDDER'S CONTRACT TO THE LOWEST AMOUNT BID

| PLAN REVISIONS |      |             |         |
|----------------|------|-------------|---------|
| NO.            | DATE | DESCRIPTION | MADE BY |
|                |      |             |         |
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|                |      |             |         |

DESIGNED BY: JSE  
DRAWN BY: TSM  
CHECKED BY: JSE  
APPROVED BY: JSE  
SUBMITTAL: JSE  
DATE: 05/1/2011  
PROJECT NO: 120-1011

**S.D. KALLMAN, L.P.**  
Engineering and Environmental Consultants  
1000 South Main, Suite 101  
Round Rock, TX 78664  
Phone: (512) 218-4404  
Fax: (512) 218-4400  
www.sdkallman.com

WATER LINE RELOCATION PROJECT  
ALONG COUNTY RD. 332  
IN WILLIAMSON COUNTY, TEXAS  
Lone Star Regional Water Authority - 12" W.L.  
Jarrell/Schwartzner WSC - 8" W.L.  
Sorrento MUD - 12" W.L.

QUANTITIES  
(Lone Star Regional Water Authority)



| Water Line Relocation Project along County Rd. 332<br>in Williamson County, Texas<br>Jarrell/Schwertner WSC - 8" Water Line                                                                                                                                                                                                                                                                                                              |           |             |                                                                                                                        |               |      |              |              |             |   |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|------------------------------------------------------------------------------------------------------------------------|---------------|------|--------------|--------------|-------------|---|-------|
| PROJECT:                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |             | BIDDING:                                                                                                               |               |      |              |              |             |   |       |
| Full compensation for compliance with each and every provision of the Request for Bid, the Bid, the Specifications, and the Contract will be considered as included in the unit prices for the work and both bid and, and no separate payment will be made for compliance with each and every provision of the Request for Bid, the Bid, the Specifications, and the Contract, unless separate payment is expressly provided for herein. |           |             |                                                                                                                        |               |      |              |              |             |   |       |
| NO.                                                                                                                                                                                                                                                                                                                                                                                                                                      | ITEM      | TECH. SPEC. | DESCRIPTION                                                                                                            | EST. QUANTITY |      | UNIT MEASURE | UNIT COST    | AMOUNT (\$) |   |       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |             |                                                                                                                        | 1             | 2    |              |              |             |   |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                        | 818.1     |             | 8" PVC G-905 (S114) Class 200 Water Line including Trench Box, E1, Fittings and Construction                           | 1200          | 1000 | 2000         | LF           | 8           | - |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                        | 818.1     |             | 3" HDPE Connection on the existing Jarrell Scherwetter WSC Water Line                                                  | 1             | 1    | 2            | SA           | 2           | - |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                        | 811.301   |             | 8" Gate Valve, Box and Manhole                                                                                         | 1             | 1    | 2            | SA           | 2           | - |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                        | 510.42000 |             | Water for Flushing Water Line, paid to Jarrell Scherwetter WSC                                                         | 8.00          | 8.1  | 67.00        | THOUS. GALS. | 5           | - |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                        | 811.302   |             | 8" Automatic Air and Vacuum Relief Valve Assembly, including Flexible Hump Valve, Flapping Nozzle on 8" PVC Water Line | 1             | 1    | 2            | SA           | 2           | - |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                        | 811.303   |             | 8" Flange Valve Assembly                                                                                               | 1             | 0    | 1            | SA           | 1           | - |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                        | 510.30000 |             | Single Water Service including Meter Box and Meter                                                                     | 0             | 2    | 2            | SA           | 2           | - |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                        | 800.1     |             | Trench Safety System                                                                                                   | 1200          | 1000 | 2000         | LF           | 2           | - |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                        | 810.9010  |             | Flowable Fill to fill-in voids in 8" Water Line under Proposed Roadway                                                 | 120           | 470  | 800          | LF           | 2           | - |       |
| TOTAL AMOUNT OF BID                                                                                                                                                                                                                                                                                                                                                                                                                      |           |             |                                                                                                                        |               |      | Dollars and  |              |             |   | Cents |
| NOTE: THE COUNTY MAY WITHHOLD ALL BID OR AWARD A CONTRACT TO THE LOWEST AND BEST BID.                                                                                                                                                                                                                                                                                                                                                    |           |             |                                                                                                                        |               |      |              |              |             |   |       |

| PLAN REVISIONS |      |             |         |
|----------------|------|-------------|---------|
| NO.            | DATE | DESCRIPTION | MADE BY |
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|                |      |             |         |

DESIGNED BY: JSE  
 DRAWN BY: TSM  
 CHECKED BY: SKL  
 APPROVED BY: JSE  
 SUBMITTAL  
 DATE: 10/1/2017  
 FILE: PROJECT NO. 170-1003

**S.D. KAUFMAN, L.P.**  
 Engineering and Environmental Consultants  
 1000 North Main Street, Suite 101  
 Round Rock, TX 78664  
 Phone: (512) 718-4404  
 Fax: (512) 718-1000  
 www.sdkaufman.com

WATER LINE RELOCATION PROJECT  
 ALONG COUNTY RD. 332  
 IN WILLIAMSON COUNTY, TEXAS  
 Lone Star Regional Water Authority - 12" W.L.  
 Jarrell/Schwertner WSC - 8" W.L.  
 Soterra MUD - 12" W.L.

QUANTITIES  
 (Jarrell/Schwertner Water Supply Corporation)



| Water Line Relocation Project Along County Rd. 332<br>in Williamson County, Texas<br>Sonterra MUD - 12" Water Line                                                                                                                                                                                                                                                                                                                       |             |                                                                                                                                                       |                      |       |             |  |                 |              |               | BIDDER: |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------|-------------|--|-----------------|--------------|---------------|---------|--|
| Full compensation for compliance with each and every provision of the Request for Bid, the Bid, the Specifications, and the Contract will be considered as included in the unit prices for the work set forth below, and no separate payment will be made for compliance with each and every provision of the Request for Bid, the Bid, the Specifications, and the Contract, unless separate payment is expressly provided for therein. |             |                                                                                                                                                       |                      |       |             |  |                 |              |               |         |  |
| BID<br>ITEM                                                                                                                                                                                                                                                                                                                                                                                                                              | TSD<br>SPEC | DESCRIPTION                                                                                                                                           | BID QUANTITY         |       |             |  | UNIT<br>MEASURE | UNIT<br>COST | AMOUNT<br>BID |         |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                          |             |                                                                                                                                                       | Plan Sheet<br>Number | TOTAL |             |  |                 |              |               |         |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                        | 810.1       | 12" PVC C-900, DR-14 Class 300 Water Line including Trench 18in. O.D. Flange and Construction Rating                                                  | 605                  | 605   |             |  | LF              | \$           | -             |         |  |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                        | 810.1       | 12" PVC C-900, DR-14 Class 300 Reinforced Joint Water Line within 24" Encasement Pipe, including Cleaning Bore                                        | 65                   | 65    |             |  | LF              | \$           | -             |         |  |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                        | 801.4C2     | Bore under existing County Road 332 and install 24" Steel Encasement Pipe control inside and outside joint including 12" Reinforced Joint Corner Pipe | 60                   | 60    |             |  | L.F.            | \$           | -             |         |  |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                        | 810.1       | 12" Water Connection on the Existing Sonterra MUD 12" Water Line                                                                                      | 2                    | 2     |             |  | EA              | \$           | -             |         |  |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                        | 811.3(A)    | 12" Gate Valve, Box and Marker                                                                                                                        | 1                    | 1     |             |  | EA              | \$           | -             |         |  |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                        | 810.422000  | Water for Flushing Water Lines, post to Sonterra MUD                                                                                                  | 10.0                 | 10.0  |             |  | T/GAL           | \$           | -             |         |  |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                        | 208.1       | Trench Safety Systems                                                                                                                                 | 605                  | 605   |             |  | LF              | \$           | -             |         |  |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                        | 811.3015    | 2" Blow off Assembly                                                                                                                                  | 1                    | 1     |             |  | EA              | \$           | -             |         |  |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                        | 810.1       | Flowable Fill to 6-in. Abandoned 12" Water Line under Proposed Roadway                                                                                | 115                  | 115   |             |  | LF              | \$           | -             |         |  |
| TOTAL AMOUNT OF BID                                                                                                                                                                                                                                                                                                                                                                                                                      |             |                                                                                                                                                       |                      |       | Dollars and |  | Cents           |              | \$            | -       |  |
| NOTE: THE COUNTY MAY EITHER SELECT ALL BIDS OR AWARD A CONTRACT TO THE LOWEST AND BEST BIDS                                                                                                                                                                                                                                                                                                                                              |             |                                                                                                                                                       |                      |       |             |  |                 |              |               |         |  |

| PLAN REVISIONS |      |             |         |
|----------------|------|-------------|---------|
| NO.            | DATE | DESCRIPTION | MADE BY |
|                |      |             |         |
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|                |      |             |         |
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|                |      |             |         |

DESIGNED BY: JCK  
 DRAWN BY: JSM  
 CHECKED BY: JCK  
 APPROVED BY: JCK  
 SUBMITTAL: 04/1/2022  
 DATE: 04/1/2022  
 PROJECT NO. 224-2810

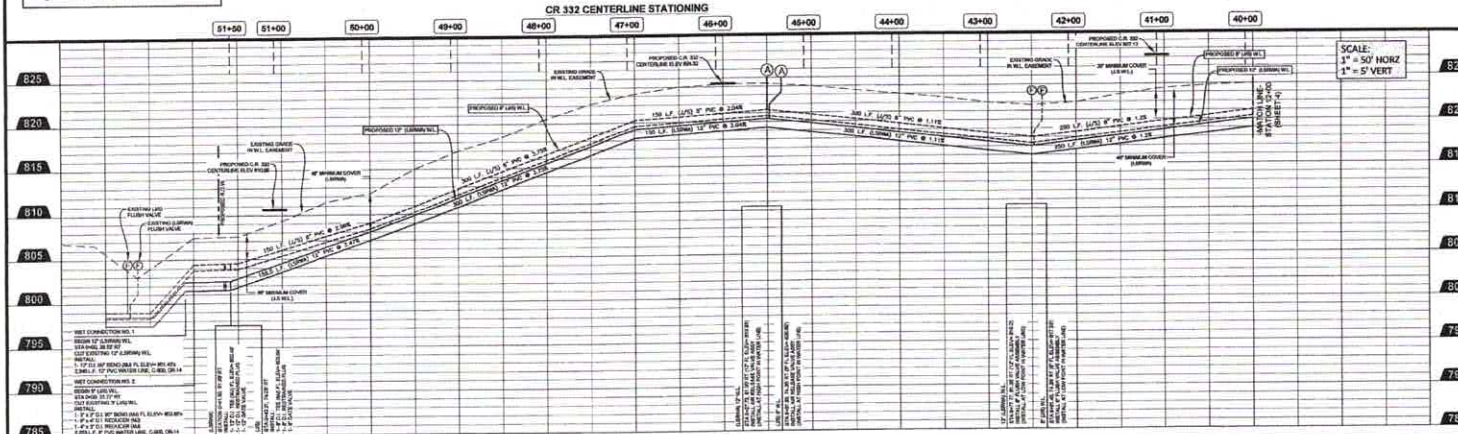
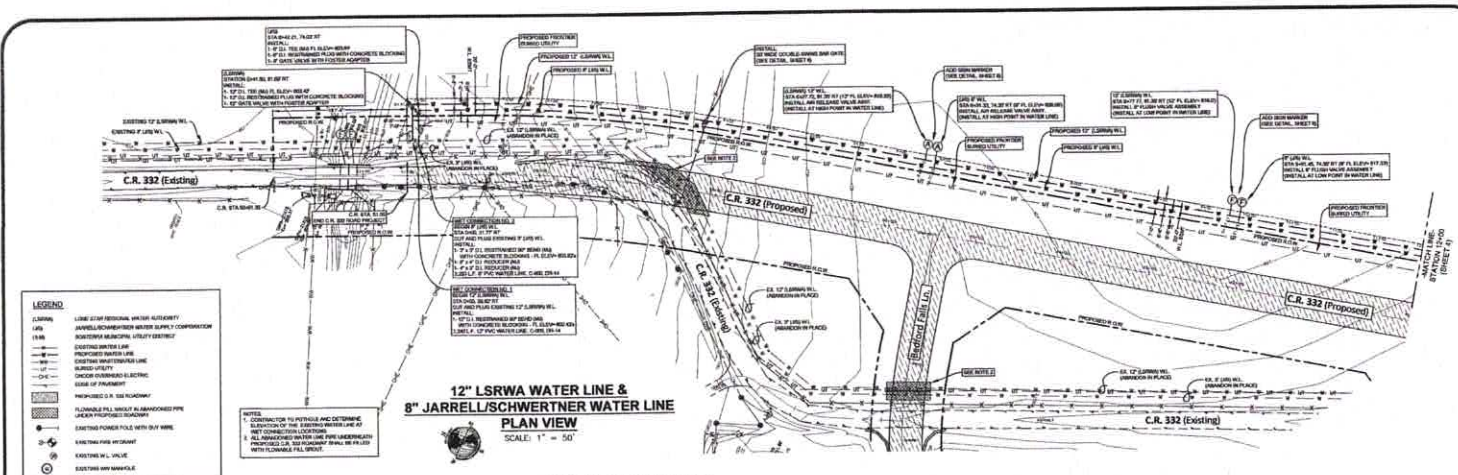
**S.D. KALLMAN, L.P.**  
 Engineers and Professional Consultants  
 1106 South Main, Suite 201  
 Bedford, TX 76010  
 Phone: (817) 218-4400  
 Fax: (817) 218-2668  
 www.sdkallman.com

WATER LINE RELOCATION PROJECT  
 ALONG COUNTY RD. 332  
 IN WILLIAMSON COUNTY, TEXAS  
 Lone Star Regional Water Authority - 12" W.L.  
 Jarrell/Schweitzer WSC - 8" W.L.  
 Sonterra MUD - 12" W.L.

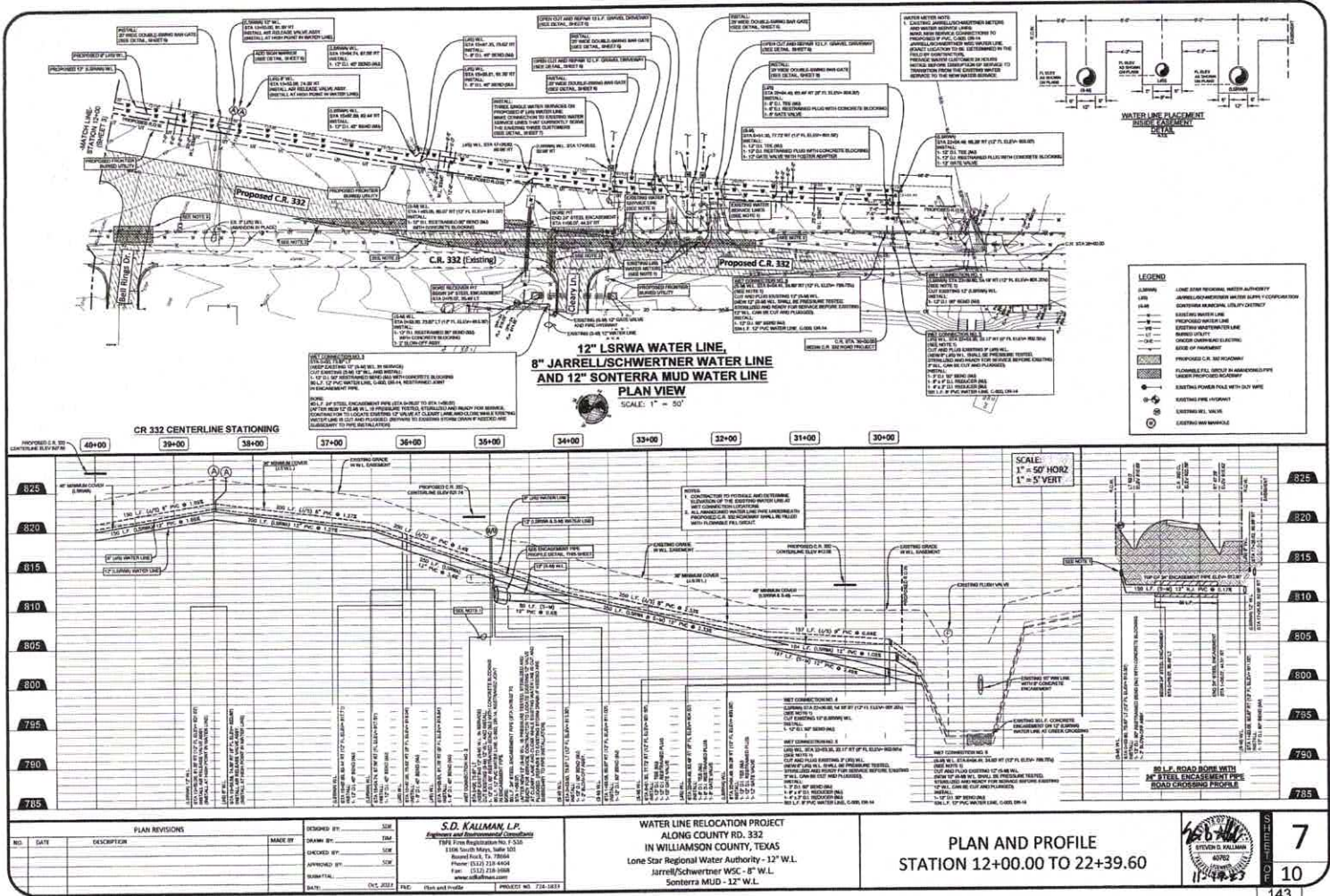
**QUANTITIES**  
 (Sonterra Municipal Utility District)



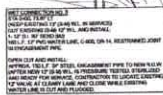




|                                                                                   |  |  |                                                                                                                                                                                           |  |  |                                                                                                                                                                                                             |  |  |                                                        |  |  |                                         |  |  |
|-----------------------------------------------------------------------------------|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--------------------------------------------------------|--|--|-----------------------------------------|--|--|
| <b>PLAN REVISIONS</b><br>NO. DATE DESCRIPTION<br>1. 12/1/10 1. 12/1/10 1. 12/1/10 |  |  | <b>DESIGNED BY:</b> S.D. KALLMAN, L.P.<br><b>CHECKED BY:</b> S.D. KALLMAN, L.P.<br><b>APPROVED BY:</b> S.D. KALLMAN, L.P.<br><b>SUBMITTED:</b> S.D. KALLMAN, L.P.<br><b>DATE:</b> 12/1/10 |  |  | <b>WATER LINE RELOCATION PROJECT</b><br>ALONG COUNTY RD. 332<br>IN WILLIAMSON COUNTY, TEXAS<br>Lone Star Regional Water Authority - 12" W.L.<br>Jarrell/Schwertner WSC - 8" W.L.<br>Sonterra MUD - 12" W.L. |  |  | <b>PLAN AND PROFILE</b><br>STATION 0+00.00 TO 12+00.00 |  |  | <br><b>6</b><br><b>10</b><br><b>142</b> |  |  |
|-----------------------------------------------------------------------------------|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--------------------------------------------------------|--|--|-----------------------------------------|--|--|

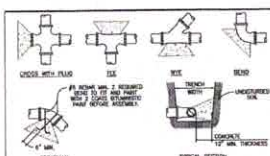
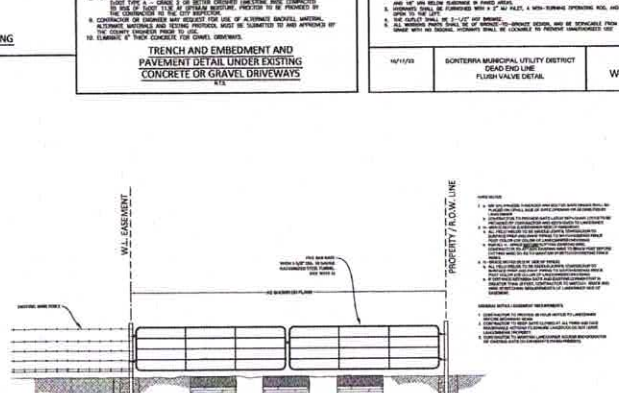
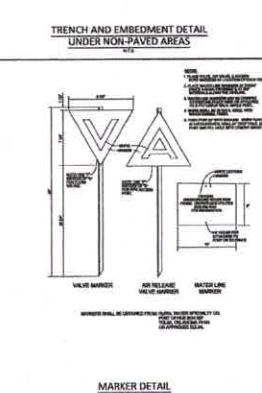
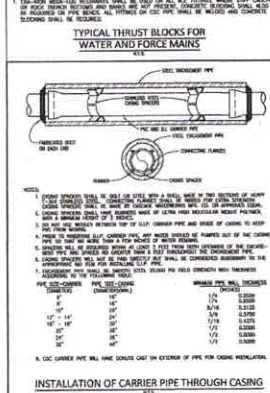
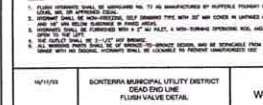
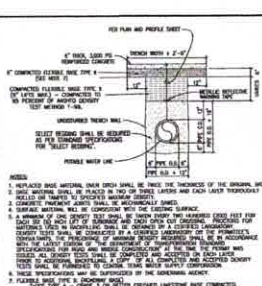
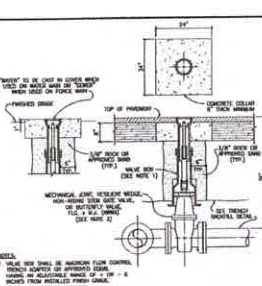
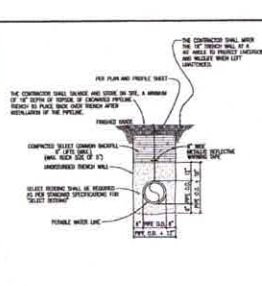






WATER LINE RELOCATION PROJECT  
ALONG COUNTY RD. 332  
IN WILLIAMSON COUNTY, TEXAS  
Lone Star Regional Water Authority - 12" W.L.  
Jarrell/Schwertner WSC - 8" W.L.  
Sonterra MUD - 12" W.L.

STEVEN D. KALLMAN  
40762  
11-19-23

[illegible]

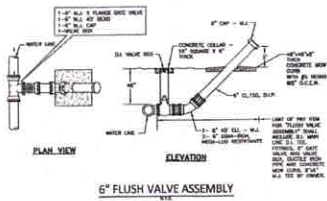
| PLAN REVISIONS |      |             |         | DESIGNED BY: <u>SGW</u> |
|----------------|------|-------------|---------|-------------------------|
| NO.            | DATE | DESCRIPTION | MADE BY | CHECKED BY: <u>FBA</u>  |
|                |      |             |         | CHECKED BY: <u>SGW</u>  |
|                |      |             |         | APPROVED BY: <u>SGW</u> |
|                |      |             |         | SUBMITTAL               |
|                |      |             |         | DATE: <u>06/10/2012</u> |

**S.D. KALLMAN, L.P.**  
*Engineers and Environmental Consultants*  
TDPE Firm Registration No. F-516  
1506 South Mays, Suite 101  
Round Rock, Tx. 78664  
Phone: (512) 218-4854  
Fax: (512) 218-1828  
[www.sdcallman.com](http://www.sdcallman.com)

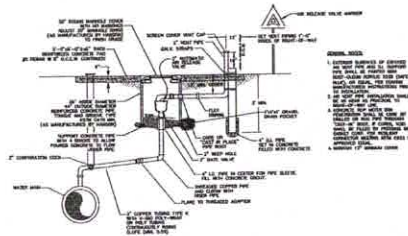
WATER LINE RELOCATION PROJECT  
ALONG COUNTY RD. 332  
IN WILLIAMSON COUNTY, TEXAS  
Lone Star Regional Water Authority - 12" W.L.  
Jarrell/Schwertner WSC - 8" W.L.  
Sonterra MUD - 12" W.L.

|                                                        |                                                                                       |                 |
|--------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------|
| <p>GENERAL CONSTRUCTION DETAILS<br/>(Sheet 1 of 2)</p> |  | <p>9<br/>10</p> |
|--------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------|

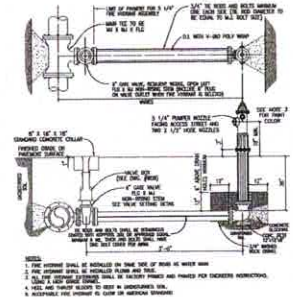




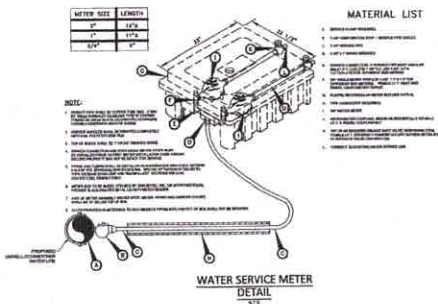
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N.T.S.



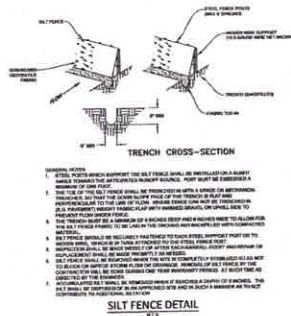
2" AUTOMATIC AIR RELEASE VALVE  
N.T.S.



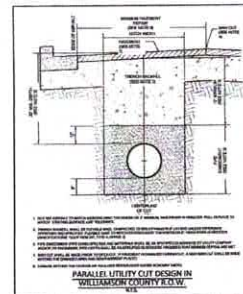
TYPICAL FIRE HYDRANT INSTALLATION  
N.T.S.



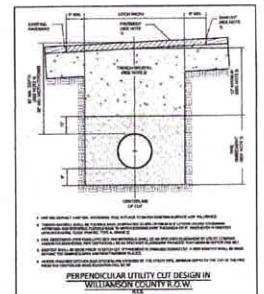
WATER SERVICE METER  
DETAIL  
N.T.S.



SILT FENCE DETAIL  
N.T.S.



PARALLEL UTILITY CUT DESIGN IN  
WILLIAMSON COUNTY E.O.W.  
N.T.S.



PERPENDICULAR UTILITY CUT DESIGN IN  
WILLIAMSON COUNTY E.O.W.  
N.T.S.

| PLAN REVISIONS |      |             | APPROVED BY: | DATE: |
|----------------|------|-------------|--------------|-------|
| NO.            | DATE | DESCRIPTION | MADE BY:     |       |
|                |      |             |              |       |
|                |      |             |              |       |
|                |      |             |              |       |
|                |      |             |              |       |

DESIGNED BY: JSM  
 CHECKED BY: JSM  
 APPROVED BY: JSM  
 SUBMITTAL: (N/A)  
 DATE: (N/A)

**S.D. KALLMAN, L.P.**  
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GENERAL CONSTRUCTION DETAILS  
 (Sheet 2 of 2)

10  
 10  
 146

JARRELL SCHWERTNER 3" WATER IN CONFLICT WITH PROPOSED  
PAYEMENTS AND DITCH CUTS (4C)  
81 FT

JARRELL SCHWERTNER 2" AND 3" WATER AND METERS IN  
CONFLICT WITH PROPOSED PAYMENT AND DITCH CUTS (4A)  
1021 FT

PROJECT START -  
STA. 30+00.00

PROJECT END  
STA. 51+50.00

| CONFLICT I.D. | OWNER                 | DESCRIPTION           | LINEAR FOOTAGE IN CONFLICT WITH EXISTENTS | TOTAL LINEAR FOOTAGE IN CONFLICT | ELIGIBILITY FOR CLOSURE (YES/NO) |
|---------------|-----------------------|-----------------------|-------------------------------------------|----------------------------------|----------------------------------|
| 4A            | LAMARL SOUTHERN WATER | 2'-2 1/2" PVC WATER   | 1183 FT (212') - 840 FT (123')            | 1023 FT                          | 100%                             |
| 4C            | LAMARL SOUTHERN WATER | 3" PVC WATER          | 81 FT                                     | 81 FT                            | 100%                             |
| 4E            | LAMARL SOUTHERN WATER | 3" PVC WATER          | 363 FT                                    | 363 FT                           | 100%                             |
|               |                       | SUM OF LINEAR FOOTAGE | 1467 FT                                   | 1467 FT                          | 100%                             |

JARRELL SCHWERTNER 3" WATER IN CONFLICT WITH PROPOSED PAVEMENT & DITCH CUTS (4E)

