

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

THE STATE OF TEXAS
COUNTY OF WILLIAMSON

§
§
§

KNOW ALL BY THESE PRESENTS:

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**

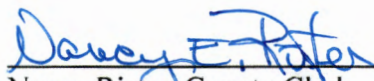


Pamela Oakes, Secretary

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

ATTEST:

WILLIAMSON COUNTY:


Nancy Rister, County Clerk

By: 
Bill Gravell, Jr. (Mar 6, 2024 13:41 CST)
Bill Gravell, Jr., County Judge

Date: Mar 6, 2024

EXHIBIT A

WILLIAMSON COUNTY

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

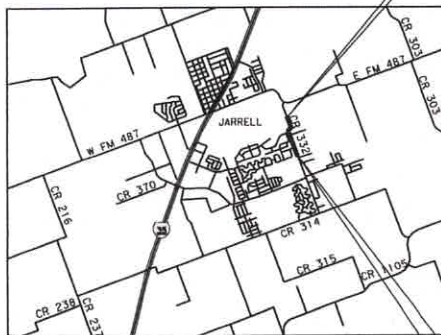
CR 332 PRECINCT NUMBER 4

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

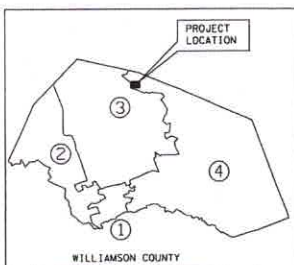
DATE

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 Odom 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

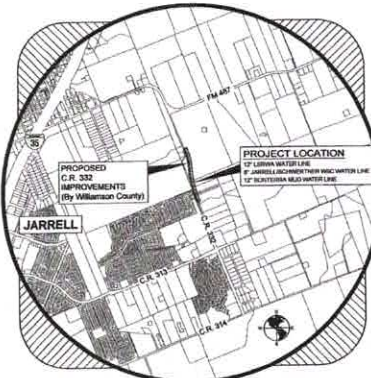
Joe Simmons 11/20/2023
JOE SIMMONS DATE
JARRELL SCHWERTNER WSC
General Manager

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 to the company of the design of facilities.

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



S.D. KALLMAN, L.P.
Engineers and Professional Consultants
1915 Iron Ridge, Suite 101
1915 Iron Ridge, Suite 101
Houston, Texas 77054
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 724-1533

Water Line Relocation Project Along County Rd. 332 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	EST. QUANTITY			UNIT	UNIT COST	AMOUNT \$	
			1	2	3				
1	101.1	12" PVC, C-90, 10' to 14' (less 360' Water Line including Water Valve, 11' Fittings and Connection (Shut)	1000	1000	0	EA	1.7	1700.00	
2	101.1	12" Water Connection on the Existing Lone Star Regional Water Authority 12" Water Line	1	1	0	EA	2.0	2.00	
3	111.3A1	12" Gate Valve, Flange and Handle	1	1	0	EA	2.0	2.00	
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	2.0	2.00	
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	
6	101.1	Travel Safety Systems	1000	1000	0	EA	2.00	2000.00	
7	101.1	Traffic Control of Plan Development and Implementation	0	0	1	EA	1.00	1.00	
8	101.1	Storm Water Pollution Prevention Plan Design and Implementation	0	0	1	EA	1.00	1.00	
9	111.3C2	Excavation and Reinstatement	0	0	1	EA	1.00	1.00	
10	111.3C2	Flow rate 10' water abandoned 12" Water Line under Proposed Roadway	100	300	0	EA	1.00	300.00	
11	101.1	12" Water Connection	0	0	1000	EA	1.00	1000.00	
12	111.3C2	12" Water Valve Assembly	1	0	0	EA	2.00	2.00	
13	101.1	12" Water Connection along March Road - 5' Water Valve	1	1	0	EA	2.00	2.00	
14	101.1	12" Water Connection along March Road - 5' Water Valve	0	0	0	EA	2.00	0.00	
TOTAL AMOUNT OF BID			Subtotal					5000.00	
			Taxes and					0.00	
			Total					5000.00	

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

PLAN REVISIONS			
NO.	DATE	DESCRIPTION	MADE BY

DESIGNED BY: JSE
DRAWN BY: TSM
CHECKED BY: JSE
APPROVED BY: JSE
SUBMITTAL: JSE
DATE: 05/1/2023
PROJECT NO: 224-1033

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/Schwartz WSC - 8" W.L.
Sorrento MUD - 12" W.L.

QUANTITIES
(Lone Star Regional Water Authority)



3
10
139

Water Line Relocation Project along County Rd. 332 in Williamson County, Texas 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	DESCRIPTION	EST. QUANTITY		UNIT	UNIT COST	AMOUNT (\$)		
			A	B					
1	818.1	8" PVC G-905 (S114) Class 200 Water Line including Trench Box, E1, Fittings and Construction	1200	1000	LF		\$	-	
2	818.1	3" HDPE Connection on the existing Jarrell/Schwertner WSC Water Line	1	1	EA		\$	-	
3	811.30.1	8" Gate Valve, Box and Manhole	1	1	EA		\$	-	
4	510.420.00	Water for Flushing Water Line, paid to Jarrell/Schwertner WSC	8.00	8.1	THOUS. GAL.		\$	-	
5	811.30.2	8" Automatic Air and Vacuum Relief Valve Assembly, including Flexible Nipple Valve, Flapping Nozzle on 8" PVC Water Line	1	1	EA		\$	-	
6	811.30.3	8" Flush Valve Assembly	1	1	EA		\$	-	
7	510.30.0.00	Single Water Service including Meter Box and Meter	6	6	EA		\$	-	
8	500.1	Trench Safety System	1200	1000	LF		\$	-	
9	510.30.30	Flow able 18" x 18" x 10' Water Line under Proposed Roadway or	120	670	LF		\$	-	
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

S.D. KALLMAN, L.P.
 Engineer and Environmental Consultant
 1000 North Highway 101, P.O. Box 101
 1000 North Hwy, Suite 101
 Round Rock, TX 78664
 Phone: (512) 718-4404
 Fax: (512) 718-1000
 www.sdkallman.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									
IN WILLIAMSON COUNTY, TEXAS									
Sonterra MUD - 12" Water Line									
BIDDER:									
Full compensation for compliance with each and every provision of the Request for Bids, 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 Bids, the Bid, the Specifications, and the Contract, unless separate payment is expressly provided for therein.									
BID ITEM	TSD SPEC	DESCRIPTION	BID QUANTITY				UNIT	UNIT COST	AMOUNT BID
			Plan Sheet Number	TOTAL	UNIT MEASURE				
1	810.1	12" PVC C-900, DR-14 Class 200 Water Line including Trench 18in. O.D. Flange and Construction Rating	605	605	LF		\$	-	
2	810.1	12" PVC C-900, DR-14 Class 200 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 valve and outside joint including 12" Reinforced Joint Control Pipe	65	65	LF		\$	-	
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 Backfill 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 BID.									

PLAN REVISIONS			
NO.	DATE	DESCRIPTION	MADE BY

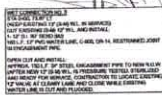
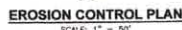
DESIGNED BY: JCF
 DRAWN BY: JMF
 CHECKED BY: JCF
 APPROVED BY: JCF
 SUBMITTAL: 04/1/2022
 DATE: 04/1/2022
 PROJECT NO. 224-2810

S.D. KALLMAN, L.P.
 Engineers and Professional Consultants
 1106 South Main, Suite 201
 Carrollton, TX 75006
 Phone: (972) 218-4400
 Fax: (972) 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)

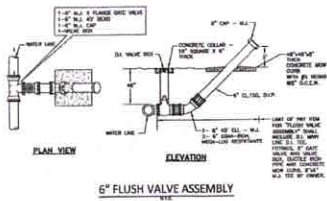
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 10
 141



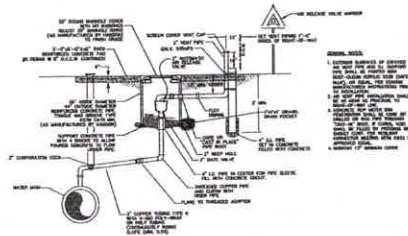
**WATER LINE RELOCATION PROJECT
ALONG COUNTY RD. 332
IN WILLIAMSON COUNTY, TEXAS**
Lone Star Regional Water Authority - 12" W.L.
Jarrell/Schwertner WSC - 8" W.L.
Sonterra MUD - 12" W.L.

EROSION CONTROL PLAN

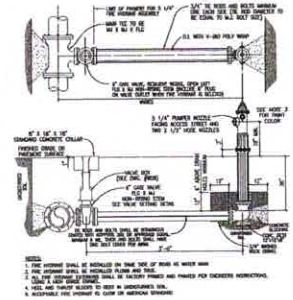




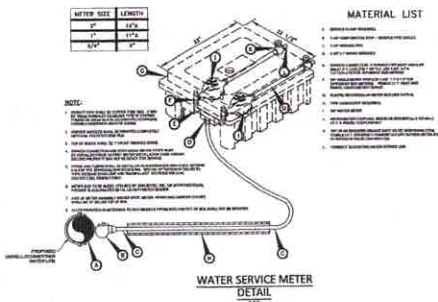
6" FLUSH VALVE ASSEMBLY
N.T.S.



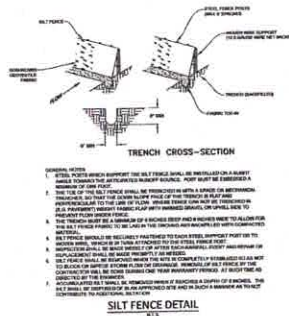
2" AUTOMATIC AIR RELEASE VALVE
N.T.S.



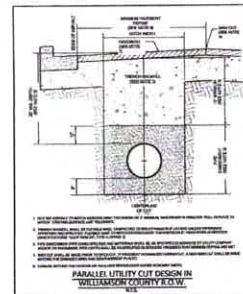
TYPICAL FIRE HYDRANT INSTALLATION
N.T.S.



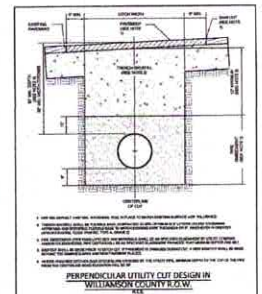
WATER SERVICE METER
DETAIL
N.T.S.



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.
 Engineers and Environmental Consultants
 1100 South Main, Suite 101
 Houston, Texas 77002
 Phone: (713) 218-4400
 Fax: (713) 218-4404
 www.sdkallman.com

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

GENERAL CONSTRUCTION DETAILS
 (Sheet 2 of 2)

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



CONFLICT I.D.	OWNER	DESCRIPTION	LINEAR FOOTAGE IN CONFLICT ZONE IN EXISTMENTS	TOTAL LINEAR FOOTAGE IN CONFLICT ZONE	CONFLICT RATIO (CONFLICT ZONE/EXISTING)
4A	LAMARCA SCHWENHART WATER	2" / 3" PVC WATER	1183 FT (1183' + 840 FT) * 1203'	1025 FT	100%
4C	LAMARCA SCHWENHART WATER	3" PVC WATER	81 FT	81 FT	100%
4E	LAMARCA SCHWENHART WATER	3" PVC WATER	363 FT	363 FT	100%
		SUM OF ALL LINEAR	1487 FT	1487 FT	100%