Texas Department of Transportation
PO BOX 1717 • PHARR TEXAS 78577-1717 • (956) 702-6100

September 25, 2013

CONTACT: Project Development and Support
Pharr, District

U-Number: **U-13697**
Utility Adjustment, (LUP) Determination of Upper Limits
Sharyland Water Supply Corporation
Federal Project No.: STP 1102 (026 & 024) MM
RCSJ No.: 0862-01-046 (2.17%), 0669-01-052 (97.83%)
CCSJ No.: 0862-01-037, 0669-01-043
County: Hidalgo
Highway: FM 2221/FM 681

L&G Engineering c/o Hidalgo County Precinct No. 3
2100 West Expressway 83
Mission, Texas 78572

Attention: Mr. Robert Macheska

Dear Mr. Macheska,

This letter serves as the approval for the utility adjustment Local Utility Process (LUP) Determination of Upper Limits. Hidalgo County may now execute the LPA Standard Utility Agreement (SUA) with Sharyland Water Supply Corporation (SWSC). This adjustment has an applied eligibility ratio of 67.91% percent for all eligible costs estimated in the amount of $ 152,879.31. After applying the eligibility ratio of 67.91% to the estimated costs, $ 103,820.34 is eligible for state cost participation. Reimbursement will be made to Hidalgo County upon completion of an Audit and demonstration that the County has paid the utility (Form ROW-U-45). State cost participation will be based on Statute 23CFR 645A. All quantities in the estimate portion of the agreement are preliminary. Final quantities and participation will be based upon actual scope of work performed.

Please note the SWSC elected not to exercise a Joint Use Agreement TxDOT Form ROW JUAA and must obtain a TxDOT Form 1082 (Utility Permit) for the proposed facilities to be placed inside of the row before commencement of any work. The Form 1082 will need to be submitted to Pharr District Project Development and Support Section prior to or at time of final billing.

The owner SWSC acknowledges and fully accepts responsibility and liability for the design, construction, maintenance, and operation of this proposed adjustment. If during or after construction of SWSC facilities, a modification is necessary due to a revision of the utility plans. Your office (Hidalgo County) should be notified prior to the implementation of the change. Any required revisions to the scope of work must be included in an amendment. The amendment must be prepared in advance and presented to the State for consideration prior to any work being preformed. Also, the amendment must be executed and incorporated into the existing executed SUA.

All costs should be clearly defined and indicated in a line item format that should match the items shown in the original cost estimate. All major items should be supported by contractor invoices.

Your final billing will need to compare the estimated quantities and cost to the actual quantities and cost. Then an explanation of any overruns or underruns in the quantities or cost will need to be provided. The date construction began and ended should also be submitted with your final billing along with the address and telephone number of the location where the records may be audited.

If you have any questions, please contact Pat González with the State at (956) 702-6176.

Sincerely,

Evan Roberts, P.E.
Pharr District, Project Development and Support

er:pg
cc: Honorable Ramon Garcia, Hidalgo County Judge
Honorable Joe Flores, Commissioner, Hidalgo County Pct. 3
Jacinto Garza, P.E., L&G
Pedro Alvarez, P.E. Pharr District, Deputy District Engineer
Homer Bazan, Jr. P.E. Pharr District, Director of Transportation Planning and Development
Norma Y. Garza, P.E. Pharr District, Advanced Planning / Project Management Supervisor
Valente Olivarez, Jr. P.E. Pharr Area Engineer
Griselda Saldivar, P.E. Pharr District, Project Manager

# COMPENSABLE PACKAGE

## Sharyland Water Supply Corp.

## FM 681/2221
## RCSJ: 0862-01-046 & 0669-01-052

Texas Department of Transportation

Sharyland WATER SUPPLY CORPORATION

# A

LPA Standard Utility Agreement

STATE OF TEXAS §

COUNTY OF HIDALGO §

# LPA STANDARD UTILITY AGREEMENT

## FM 681 SHARYLAND WATER SUPPLY CORPORATION WATER LINE ADJUSTMENT, REMOVAL, AND/OR REPLACEMENT

This agreement is made by and between the County Of Hidalgo, Texas hereinafter referred to as "County" and Sharyland Water Supply Corporation, hereinafter referred to as "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 State of Texas has deemed it necessary to make certain highway improvements as designated by the State and approved by the Federal Highway Administration located on the highway as indicated above;

**WHEREAS**; the County is a county in the State of Texas;

**WHEREAS**, the proposed highway improvements will necessitate the adjustment, removal, and/or relocation of certain facilities of the Utility as indicated in the following statement of work: Replacement and relocation of existing 4", 8" & 12" water lines with a single 4" water line, a single 16" water line and a single 12" water line to accommodate the proposed roadway widening being performed by the Texas Department of Transportation and more specifically shown in the Utility's plans, specifications and estimated costs, which are attached hereto in Attachment "A";

**WHEREAS**, the County, in receipt of evidence it deems sufficient, acknowledges the Utility's interest in certain lands and/or facilities that entitle it to reimbursement for the adjustment, removal, and relocation of certain facilities located upon lands as indicated in Attachment "A";

**NOW, THEREFORE,** for and in consideration of the premises and mutual promises, covenants and agreements hereinafter set forth, and intending to be legally bound, the County and the Utility agree as follows:

1. The County will pay the Utility all eligible actual costs which are incurred in the adjustment, removal, and/or relocation of the Utility's facilities.

2. The Utility agrees that all conduct under this agreement, including but not limited to the adjustment, removal, and/or relocation of the facility, the development of reimbursement of costs, any environmental requirements, and retention of records will be in accordance with 23 CFR 645, Subparts A & B and all other applicable federal and state laws, rules and regulations. The Utility agrees to

supply, upon request by the County, proof of compliance with the aforementioned laws, rules and regulations prior to commencement of construction.

3. 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 written approval, accumulate actual direct and related indirect costs in accordance with an established accounting procedure developed by the Utility. The bill for the work hereunder will be submitted to the County not later than ninety (90) days after completion of the work.

4. Upon execution of this agreement by both parties hereto, the County will, by written notice, authorize the Utility to proceed with the necessary adjustment, removal, and/or relocation. The Utility agrees to proceed in a diligent manner and will take all prudent actions to avoid delay or interference with the highway construction.

5. The Utility will endeavor to perform this work at its earliest window of opportunity.

6. The County will, upon satisfactory completion of the relocation or adjustment, receipt of a proper certification by the Utility that the work has been completed in accordance with the approved plans and specifications, receipt and verification of the bill prepared in an approved form and manner, and pre-approval by TxDOT, make payment to the Utility.

7. This agreement in its entirety consists of the following:

    a. LPA Standard Utility Agreement;
    b. Plans of Adjustment (color coded), Specifications, and Estimated Costs (Attachment "A")(2 Originals);
    c. Statement Covering Contract Work – TxDOT ROW-U-48 (Attachment "B")(2 Originals);
    d. Schedule (Start & End Dates)
    e. Proof of Property Interest – TxDOT ROW-U-1A (Attachment "C")(2 Originals and 1 copy of recorded instrument);
    f. Eligibility Ratio(Attachment "D")(2 Originals),
    g. Cost Comparison (if Betterment) (Attachment "D")(2 Originals),
    h. Betterment Statement (Attachment "D")(2 Originals),
    i. Quit Claim Deed – TxDOT ROW-N-30 (Attachment "E")(2 Originals), if applicable,
    j. Joint Use Agreement (Attachment "F")(2 Originals), if applicable.

    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 of this agreement or a written change or extra work order approved by the County.

8. The Utility agrees to provide "as-built" plans to the County within sixty (60) days of the completion of the work.

9. This agreement is subject to immediate cancellation by the County at any time up to the date that work under this Agreement has been authorized and that such cancellation will not create any liability on the part of the County.

10. The Utility by execution of this agreement does not waive any of the rights which the Utility may have within the limits of the law.

11. It is expressly understood that the Utility conducts the adjustment, removal, and/or relocation using its own methods, and that the Utility agrees to indemnify and hold the County harmless for any and all damages and attorney's fees caused by the Utility's actions and/or conduct.

12. The Utility affirms that it has the authority to enter into this agreement, and that it has obtained the approval, if necessary, from any bankruptcy court exercising jurisdiction over the Utility.

13. Notice: Except as maybe otherwise specifically provided in this Agreement, all notices, demands, requests or communication required or permitted hereunder shall be in writing and shall either be(i) personally delivered against a written receipt, or (ii) sent by registered or certified mail, return receipt requested, postage prepaid and addressed to the parties at the addresses set forth below, or at such other addresses as may have been theretofore specified by written notice delivered in accordance herewith:

If to Utility: Sharyland Water Supply Corporation
Attention: Sherilyn Dahlberg, General Manager
P.O. Box 1868
Mission, TX 78573

If to County: Hidalgo County, Texas
Attention: Ramon Garcia, Hidalgo County Judge
P. O. Box 758
Edinburg, Texas 78540-0758

With copy to: Joe Flores, Commissioner, Precinct No. 3
724 N. Breyfogle
Mission, Texas 78574

14. Each notice, demand, request or communication which shall be delivered or mailed in the manner described above shall be deemed sufficiently given for all purposes at such time as it is personally delivered to the addressee, or, if mailed, at such time as it is deposited in the United States mail.

15. Additional Documents: The parties hereto covenant and agree that they will execute such other and further instruments and documents as are or may become necessary or convenient to effectuate and carry out the terms of this agreement.

16. Texas Law to Apply. This Agreement shall be construed under and in accordance with the laws of the State of Texas, and all obligation of the parties created hereunder are performable in Hidalgo County, Texas. The parties hereby consent to personal jurisdiction in Hidalgo County, Texas

17. Successors. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective heirs, executors, administrators, legal representatives, successors, and assigns where permitted by this Agreement.

18. Assignment: This Agreement shall not be assignable.

19. Headings. The headings and captions contained in this Agreement are solely for the convenience reference and shall not be deemed to affect the meaning or interpretation of any provision of paragraph hereof.

20. Gender and Number. All pronouns used in this Agreement shall include the other gender, whether used in the masculine, feminine or neuter gender, and singular shall include the plural whenever and as often as may be appropriate.

21. Authority to Execute. The execution and performance of this Agreement by the Utility and County have been duly authorized by all necessary laws, resolutions or corporate action, and this Agreement constitutes the valid and enforceable obligations of the Utility and County in accordance with its terms.

22. Governmental Purpose. Each party hereto is entering into the agreement for the purpose of providing for governmental services or functions and will pay for such services out of current revenues available to the paying party as herein provided.

23. Commitment or Current Revenues Only. In the event that during any term hereof; the governing body of any party does not appropriate sufficient funds to meet the obligations of such party under this Agreement, then any party may terminate this Agreement upon ninety (90) days written notice to the other party. Each of the parties hereto agrees, however, to use its best efforts to secure funds necessary for the continued performance of this Agreement. The parties

intend this provision to be a continuing right to terminate this Agreement at the expiration of each budget period of each party hereto pursuant to the provisions of Tex. Loc. Govt. Code Ann. §271.903.

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

**WITNESS THE HANDS OF THE PARTIES** effective as of the day and year first written above.

SHARYLAND WATER SUPPLY CORPORATION

By: _____
Sherilyn Dahlberg, General Manager

COUNTY OF HIDALGO

By: _____
Ramon Garcia, County Judge

ATTEST:

_____
County Clerk

APPROVED AS TO FORM:

ATLAS, HALL & RODRIGUEZ, LLP

By: _____
Stephen L. Crain

# B

Plans of Adjustment, Specifications,
and Estimated Costs

# STATEMENT OF WORK

Sharyland Water Supply Corporation, hereafter the Corporation, owns and operates water utilities consisting of 4", 8", and 12" PVC pipe which are currently located within the Corporation's Easements and adjacent to FM 681 / FM 2221. The attached Plans of Adjustment provide location of these existing utilities. The Road Widening Improvements proposed by RCSJ Project No's 0862-01-046 and 0669-01-052 conflict with the existing water utilities. Below is a brief description of the needed adjustments.

RCSJ Project No. 0862-01-046

Located within a 15ft Easement Vol. 1670, Page 967 Hidalgo County Records exists a 4" water line adjacent to the West right of way of La Homa Rd.(SH 364). A storm drainage grated inlet proposed by RCSJ Project No. 0862-01-046 will conflict with the existing 4" water line. The Corporation will adjust the line as indicated in Sheet 3 of the attached Plans of Adjustment.

RCSJ Project No. 0669-01-052

Located within a 15 ft Easement Vol.2077 Page172 of the Hidalgo County Records exists a 12" water line adjacent to the North right of way of FM 681; refer to Sheet 4 of the attached Plans of Adjustment. The 12" water line thence crosses FM 681in a diagonal. Once in the South side of FM 681 the water line leaves the road r.o.w. and enters the Corporation's 15 ft Easement, Doc. No. 675923 Hidalgo County Records. Thence, the line makes a turn to the East to reach the Southwest corner of Inspiration Rd.; at this location the 12" water line turns South. Sheet 5 of the attached Plans of Adjustment provide the location of this section of the existing 12" water line. The proposed road section by RCSJ Project No. 0669-01-052 will come into the alignment of the existing 12" water line to leave the pipeline under the road. The Corporation will adjust the 12 water line as indicated in Sheets 4, 5, and 6 of the attached Plans of Adjustment.

Located within a 15' Easement Doc. No. 31940 at the Southwest corner of Inspiration Rd. and FM 681 exist an 8" water line that crosses FM 681 from South to North. Once in the Northwest corner of Inspiration Rd. and FM 681, the waterline branches to the West and North. The West branch heads approximately 635 linear feet within the right of way of FM 681to interconnect with the existing 12" waterline. The North branch leaves FM 681's right of way at the Northwest intersection to continue with a Northward direction within a 15' Easement Vo. 1987 Page 57. Sheets 5 and 6 of the attached Plans of Adjustment provide the location of the existing 8" waterline. The Corporation will replace the 8" and 12" water lines at this intersection with a single 16" waterline. Sheet 6 of the attached Plans of Adjustment provides details for the proposed single 16" water line.

After thorough evaluation of the existing conditions, it was determined that a single 16" water line will be more cost effective than replacing both, the 8" and 12" water line crossings. The single 16" waterline offers enough capacity to replace both the 8" and 12" waterline. Cost

comparison was performed using the single 16" waterline crossing in Sheet 6 of the Plans of Adjustment versus two crossings. Betterment calculations are provided in Section G of this Compensable Package. The design engineer for RCSJ Project No. 0669-01-052 assigned the location of the 16" waterline crossing.

The Corporation and the Hidalgo County executed a LPA Standard Utility Agreement on which the Hidalgo County agrees to reimburse all eligible costs to relocate these utilities as proposed by the attached Plans of Adjustment.

The Corporation will contract directly with the Corporation's pre-qualified and retained contractor, 3F Utility Construction, Inc., to make the adjustments. The retained contractor has a current price agreement with the Corporation for equipment and labor only. The most current price agreement can be found in Section C of this Compensable Package after the Statement Covering Utility Construction Work, TXDOT Form ROW U-48. The Corporation will bid the materials and award a contract to the most qualified vendor with the lowest bid to supply the materials.

The task of work will consist as follows:

Task 1:
The Corporation's contractor will begin with the installation of new pipe and fittings at the alignment indicated in the Plans of Adjustment. The Corporation's engineer will provide construction staking services. Once installed, the contractor will test the pipelines in accordance with provisions established by 30 TAC Chapter 290. The line will be placed on service upon satisfactorily passing test.

Task 2:
Once the new lines are operational, the contractor will remove the sections of pipeline indicated in the Plans of Adjustment. A third party Consultant will provide Construction Material Testing Services to assure compaction in the removed sections of pipeline is achieved. Construction testing reports can be available upon request. Copy of the Construction Material Testing Services Proposal is attached.

Task 2
The Corporation's contractor will mark up the Plans of Adjustment indicating field changes. The Corporation's Engineer will record the field changes and produce the As-Built-Plans. The Corporation will submit the As-Built-Plans along with Final Billing for reimbursement.

# SHARYLAND WATER SUPPLY CORPORATION

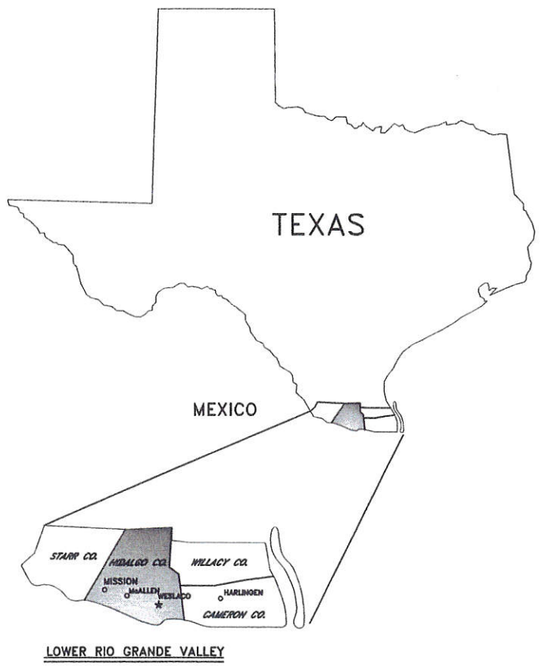
MISSION, TEXAS

# 4", 8" AND 12" COMPENSABLE WATERLINES

RCSJ PROJECT NO. 0862-01-046
RCSJ PROJECT NO. 0669-01-052

## BOARD MEMBERS

RUDY LOPEZ---------- PRESIDENT
MICHAEL LYSSY----------VICE PRESIDENT
JOSE GARZA---------- SECRETARY & TREASURER
KENNETH BEAMSLEY----------DIRECTOR
MARK MOSELEY---------- DIRECTOR
RENE RAMOS----------DIRECTOR
JACKIE FIELD---------- DIRECTOR
SHERILYN DAHLBERG---------- GENERAL MANAGER



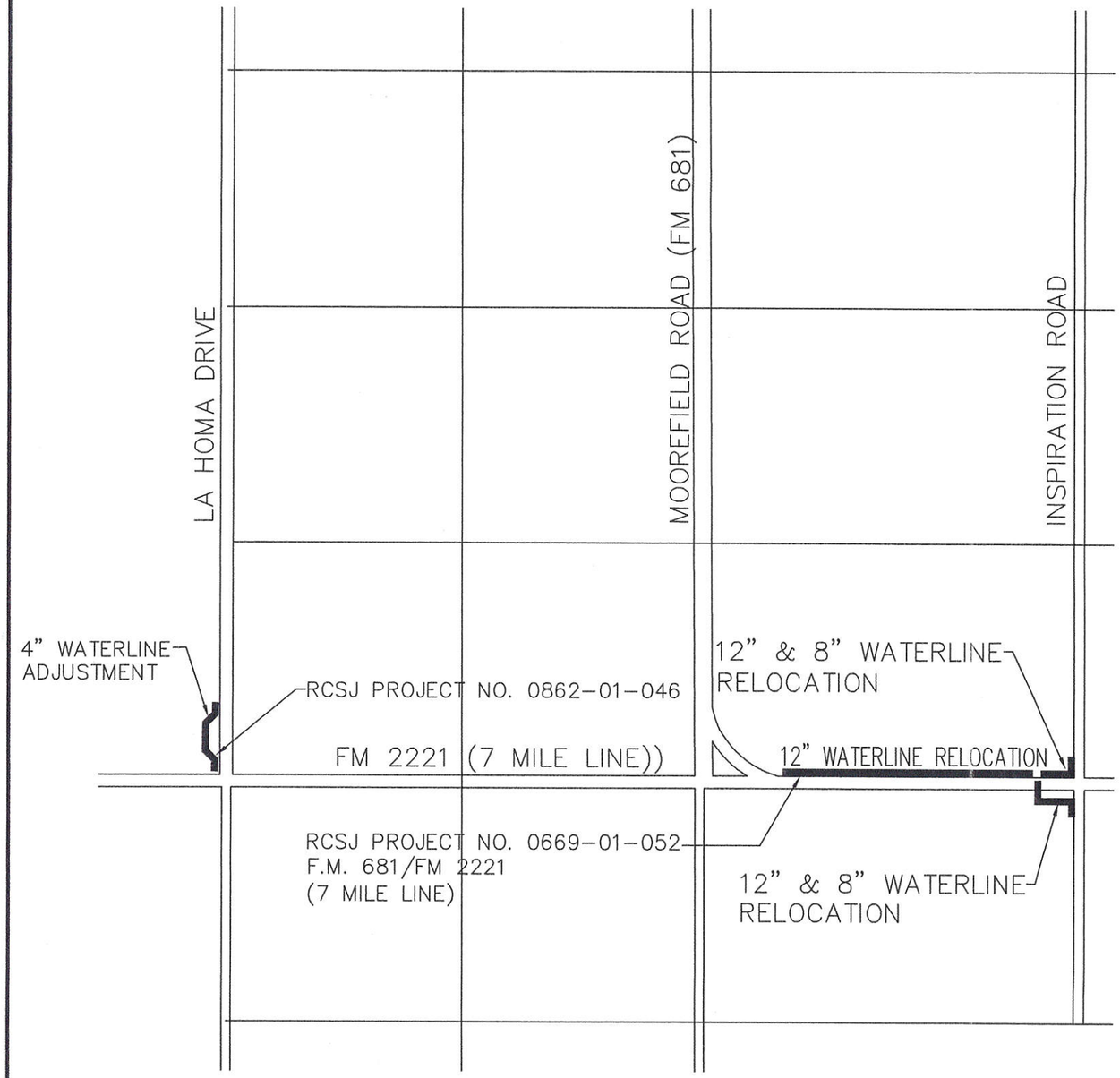
LOWER RIO GRANDE VALLEY

2013

SIGLER, WINSTON, GREENWOOD, & ASSOCIATES
CONSULTING ENGINEERS
WESLACO, TEXAS
SWG ENGINEERING, LLC
TEXAS FIRM REGISTRATION NO. F-592

STATE OF TEXAS
ALFONSO A. GONZALEZ
93805
LICENSED PROFESSIONAL ENGINEER
7/25/13

PROJECT NO. 12-114
PLAN SET NO. _____
DATE _____




**NOTES:**

1. WATERLINES TO HAVE A MINIMUM COVER OF 36" (INCHES).

2. FITTINGS SHALL BE MANUFACTURED FROM DUCTILE IRON TO WITHSTAND A RATED WORKING PRESSURE OF 350 PSI IN ACCORDANCE WITH THE LATEST REVISION OF ANSI/AWWA C153/A21.53 STANDARDS FOR MECHANICAL JOINT FITTINGS. RESTRAINING DEVICES SHALL BE EBAA-IRON SERIES 2000 PV 'MEGA-LUG' OR APPROVED EQUAL. TRUST BLOCKS ARE REQUIRED FOR ALL FITTING CONNECTIONS. ALL FITTINGS SHALL BE WRAPPED INCLUDING THE FASTENERS AND RESTRAINING DEVICES WITH 8MIL POLYETHYLENE SHEETING.

3. RESILIENT WEDGE SEAT GATE VALVES TO BE NONE RISING STEM (NRS) MODEL A-2360 MJ X MJ MUELLER CO. MANUFACTURED IN ACCORDANCE WITH THE LATEST REVISION OF ANSI/AWWA C509, OR EAST JORDAN IRON WORKS FLOWMASTER MJ X MJ MANUFACTURED IN ACCORDANCE WITH THE LATEST REVISION OF ANSI/AWWA C515, OR APPROVED EQUAL. RESILIENT WEDGE SEAT GATE VALVES MUST BE MANUFACTURED IN THE UNITED STATES OF AMERICA.

4. SALVAGEABLE WATER UTILITY EQUIPMENT SUCH AS VALVES, FIRE HYDRANTS, AND OR FITTINGS CURRENTLY ON SECTIONS OF EXISTING WATERLINE(S) PROPOSED FOR ABANDONMENT (DECOMMISSION) SHALL BE CAREFULLY REMOVED AND DELIVERED TO THE CITY OF CORPORATIONS OFFICE @ MILE 5 RD. & SHARY RD. DEPARTMENT. COORDINATE DELIVERY OF SALVAGED EQUIPMENT WITH MR. JIM STUHLMAN AT (956) 585-6081 TO OBTAIN ACCESS TO THE CORPORATIONS WAREHOUSE.

5. POWER POLES LOCATED IN THE PROXIMITY OF THE TRENCH SHALL BE SECURED BY THE POWER COMPANY (POWER POLE OWNER) DURING EXCAVATION UNTIL TRENCH HAS BEEN BACKFILLED AND COMPACTED AND OR THE POWER COMPANY DETERMINES IS SAFE TO UN-SECURE THE POLE. CONTRACTOR RESPONSIBLE TO COORDINATE AND SCHEDULE WORK WITH THE POWER COMPANY.

6. THE ELEVATION OF EXISTING IRRIGATION PIPELINE(S) CROSSINGS MUST BE VERIFIED PRIOR TO BORE OR OPEN CUT ACROSS EXISTING IRRIGATION PIPELINES. CONTRACTOR RESPONSIBLE TO NOTIFY AND COORDINATE WITH IRRIGATION DISTRICT PRIOR TO EXPOSING IRRIGATION PIPES.

7. THE PLANS IDENTIFY AND PROVIDE LABELS FOR EXISTING UTILITIES (WATER, SANITARY SEWER, TELEPHONE CABLE, GAS, POWER, TV CABLE, AND/OR OTHER SPECIFICALLY LABELED UTILITY). LABELED UTILITIES WERE PLOTTED UTILIZING DIRECT FIELD INFORMATION AS SPOTTED BY UTILITY LOCATOR SERVICES. THE CONTRACTOR IS RESPONSIBLE TO REQUEST UTILITY SPOTTING AND CONTACT ALL UTILITY COMPANIES PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE EXACT LOCATION AND ELEVATION OF EXISTING UTILITY LINES LOCATED WITHIN THE CONSTRUCTION AREA EITHER ADJACENT OR ACROSS TO THE PROPOSED WATERLINE ALIGNMENT. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED TO REPAIR UTILITIES DAMAGED BY THE CONTRACTOR'S EQUIPMENT AND OR PERSONNEL.

8. EXCAVATION PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH THE OCCUPATION SAFETY AND HEALTH ADMINISTRATION STANDARDS AND INTERPRETATIONS, 29 CFR 1926, SUBPART P, 'EXCAVATIONS'. CONTRACTOR TO FURNISH ALL NECESSARY EQUIPMENT, TOOLS, MANPOWER, AND MATERIAL INCLUDING BUT NOT LIMITED TO SHEET PILES, METAL PLATES, TRENCH BOX, AND/OR OTHER NECESSARY MATERIALS REQUIRED TO INSTALL BRACING TO SAFELY SECURE GROUND EXCAVATIONS WITH VERTICAL OR UNSTABLE EXCAVATION FACES. THIS ITEM IS APPLICABLE TO TRENCHES FIVE(5) FEET OR DEEPER.

9. THE ALIGNMENT AND VERTICAL ELEVATION ASSIGNED IN THIS SET OF PLANS TO THE PROPOSED WATERLINE(S) ABIDES TO THE RULES AND REGULATIONS ESTABLISHED BY 30 TAC 290 SUBCHAPTER D 'RULES AND REGULATIONS FOR PUBLIC WATER SYSTEMS' PERTAINING TO SEPARATION REQUIREMENTS FOR PROPOSED WATERLINE TO EXISTING WASTEWATER (SEWER) LINE(S). IT IS THE CONTRACTOR'S OBLIGATION TO NOTIFY THE ENGINEER IMMEDIATELY OF ANY FIELD DISCREPANCIES BETWEEN THE ASSIGNED PLAN HORIZONTAL SEPARATION OR VERTICAL CROSSING(S) SEPARATION VERSUS ACTUAL FIELD SEPARATION TO EXISTING WASTEWATER PIPELINE(S) AND WHICH IS DETERMINED TO COMPROMISE THE SEPARATION REQUIREMENTS ESTABLISHED BY 30 TAC 290 SUBCHAPTER D 'RULES AND REGULATIONS FOR PUBLIC WATER SYSTEMS'. FURTHER, IT IS THE CONTRACTOR'S OBLIGATION TO NOTIFY THE ENGINEER OF ANY UNIDENTIFIED (NOT NOTED IN THE PLAN - FIELD UNCOVERED) WASTEWATER PIPELINE(S) THAT ARE DETERMINED TO COMPROMISE THE SEPARATION REQUIREMENTS FOR PROPOSED WATERLINE TO EXISTING WASTEWATER LINE ESTABLISHED BY 30 TAC 290 SUBCHAPTER D 'RULES AND REGULATIONS FOR PUBLIC WATER SYSTEMS'.

10. STREETS SHALL REMAIN OPEN TO THRU TRAFFIC DURING CONSTRUCTION, AND HOLD DRIVEWAY INTERFERENCE TO A MINIMUM. BARRICADES, GUARDRAILS, AND WARNING SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND GENERALLY BE LOCATED TO AFFORD MAXIMUM PROTECTION TO THE PUBLIC AS WELL AS CONSTRUCTION PERSONNEL AND EQUIPMENT, AND TO ASSURE AN EXPEDITIOUS TRAFFIC FLOW AT ALL TIMES DURING CONSTRUCTION. THE SIGNS SHALL BE COORDINATED WITH SEQUENCE OF CONSTRUCTION. CONTRACTOR RESPONSIBLE FOR FURNISHING ALL NECESSARY BARRICADES, CHANNELIZING DEVICES, SIGNS, AND MANPOWER NEEDED FOR PROPER TRAFFIC CONTROL AND MANAGEMENT.

TRAFFIC CONTROL WILL BE NEEDED WHEN WORKING NEAR OR ADJACENT TO EXISTING ROADS INCLUDING BUT NOT LIMITED TO FM 2221, FM 681, LA HOMA RD. MORREFILED RD., AND INSPIRATION RD. ATTACHED TO THESE PLANS ARE STANDARD TRAFFIC CONTROL PLANS PREPARED BY THE TEXAS DEPARTMENT OF TRANSPORTATION-TRAFFIC OPERATIONS DIVISION, WHICH ARE RECOMMENDED FOR IMPLEMENTATION DURING CONSTRUCTION ACTIVITIES. IMPLEMENTATION OF THE CORRECT TRAFFIC CONTROL PLAN IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE CORRESPONDING ROAD AUTHORITY (TEXAS DEPARTMENT OF TRANSPORTATION, PRIOR TO COMMENCEMENT OF ANY EXCAVATION NEAR THE ROAD FACILITY.

N.T.S.

LEGEND

WATERLINE--------

SHEET INDEX

1. LOCATION MAP AND SHEET INDEX
2. 4" WATERLINE ADJUSTMENT COMPENSABLE
3. 12" WATERLINE RELOCATION COMPENSABLE SEGMENT
3A. 12" WATERLINE RELOCATION COMPENSABLE SEGMENT
4. 12" & 8" WATERLINE RELOCATION COMPENSABLE SEGMENT
5. DETAIL SHEET

STATE OF TEXAS
ALFONSO A. GONZALEZ
93805
LICENSED
PROFESSIONAL ENGINEER
7/25/13

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Texas Department of Transportation

SHARYLAND WATER SUPPLY CORPORATION

BIGLER, WINSTON, GREENWOOD AND ASSOCIATES, INC.
CONSULTING ENGINEERS
WESLACO AND MC ALLEN, TEXAS

# F.M. 681/FM 2221 ( 7 MILE LINE)

## WATERLINE COMPENSABLE SEGMENTS LOCATION MAP

SCALE: N.T.S. JULY-2013

| FED.RD. DIV.NO. | | | SHEET NO. 1 of 8 |
|---|---|---|---|
| STATE | DIST. | COUNTY | |
| TEXAS | | HIDALGO | |
| CONT. | SECT. | JOB | HIGHWAY NO. |
| | | | F.M. 681/FM 2221 (7 MILE LINE) |

# *QUANTITIES SUMMARY*

| 1 | DESCRIPTION | UNIT | SHEET 3 | SHEET 4 | SHEET 5 | SHEET 6 | TOTAL |
|---|---|---|---|---|---|---|---|
| 2 | 4" PVC AWWA C900 DR25 | LF | 49 | ø | ø | ø | 49 |
| 3 | 4"x45° AWWA C153 BEND | EA | 4 | ø | ø | ø | 4 |
| 4 | 4"AWWA C219 REPAIR COUPLING | EA | 2 | ø | ø | ø | 2 |
| 5 | 12" PVC AWWA C900 DR25 | LF | ø | 588 | 520 | ø | 1108 |
| 6 | 12" AWWA C502 RESILIENT SEAT GATE VALVE | EA | ø | 1 | 1 | 1 | 3 |
| 7 | 12" AWWA C219 REPAIR COUPLING | EA | ø | 1 | ø | 1 | 2 |
| 8 | 16"x12" AWWA C153 REDUCER | EA | ø | ø | 1 | 2 | 3 |
| 9 | 24"x3/8" THICK STEEL CASING | LF | ø | ø | ø | 122 | 122 |
| 10 | 16" PVC C905 DR25 | LF | ø | ø | ø | 598 | 598 |
| 11 | 16"x45° AWWA C153 BEND | EA | ø | ø | ø | 6 | 6 |
| 12 | 12"X45° AWWA C153 BEND | EA | ø | ø | ø | 2 | 2 |
| 13 | 16"x8" AWWA C153 TEE | EA | ø | ø | ø | 1 | 1 |
| 14 | 8" AWWA C502 RESILIENT SEAT GATE VALVE | EA | ø | ø | ø | 2 | 2 |
| 15 | 8" AWWA C219 REPAIR COUPLING | EA | ø | ø | ø | 2 | 2 |
| 16 | 8"x45° AWWA C153 BEND | EA | ø | ø | ø | 2 | 2 |
| 17 | 12"x8" AWWA C153 REDUCER | EA | ø | ø | ø | 1 | 1 |
| 18 | 16"x16" AWWA C153 TEE | EA | ø | ø | ø | 1 | 1 |
| 19 | REMOVE EXIST. 8" PVC PIPE | LF | ø | ø | 635 | ø | 635 |
| 20 | REMOVE EXIST. 12" PVC PIPE | LF | ø | 150 | 838 | ø | 988 |
| 21 | SERVICE CONNECTION | EA | ø | ø | 4 | ø | 4 |
| 22 | SERVICE CONNECTION ACROSS ROAD | EA | ø | 1 | ø | ø | 1 |

STATE OF TEXAS
ALFONSO A. GONZALEZ
93805
LICENSED PROFESSIONAL ENGINEER
7/25/13

© TxDOT 2009
Texas Department of Transportation

SHARYLAND WATER SUPPLY CORPORATION

SIGLER, WINSTON, GREENWOOD AND ASSOCIATES
CONSULTING ENGINEERS
WESLACO, TEXAS
SWG ENGINEERING, LLC
TEXAS FIRM REGISTRATION NO. F-592

QUANTITIES SUMMARY SHEET

SCALE: N.T.S. JULY-2013

| FED.RD. DIV.NO. | | SHEET NO. 2 of 8 |
|---|---|---|
| STATE | DIST. | COUNTY |
| TEXAS | | HIDALGO |
| CONT. | SECT. | JOB / HIGHWAY NO. |
| | | F.M. 681/FM 2221 (7 MILE LINE) |

±7.55'

Existing 4" Waterline
(To Remain In Service)

END STA. 7+49.00
PROPOSED
1- 4" AWWA C219 REPAIR
COUPLING QUANTUM® BY
SMITH BLAIR OR EQ.
2- 4" AWWA C153 45° BEND MJ

1' ALIGNMENT
( TO PROP. HWY. R.O.W. )

4.55'

PROPOSED 4" PVC AWWA
C900 DR 25 WATERLINE
W/36" COVER

PROP. HWY. ROW

BEGIN STA. 7+00.00
PROPOSED
1-4" AWWA C219
REPAIR COUPLING
QUANTUM® BY SMITH
BLAIR OR EQ.
2-4"x45° AWWA C153 BEND MJ

PROP.
CURB & GUTTER
(BY OTHERS)

F.M. 2221
(7 MILE LINE)

Existing 4" Waterline
(To Remain In Service)

PROP. HWY. ROW

EXIST. HWY. ROW

15' EASEMENT
TO SWSC
VOL. 1670
PG.,967

Existing 4" PVC Waterline
(To Be Abandoned)

LA HOMA RD.
(SH 364)

EXIST. HWY. ROW

7+00

SCALE 1"=10'

## LEGEND

STATION HIGHWAY CONTROL BASELINE.....
EXISTING HWY. ROW.....
EXIST. WATERLINE..... W W W W W W
EXIST. OVERHEAD POWER..... OH OH OH
EXIST. EASEMENT LINE SWSC.....
EXISTING EDGE OF PAVEMENT.....
EXIST. UTILITY..... UT UT UT
PROPOSED HWY. ROW.....
PROPOSED WATERLINE..... W W W W W
PROP. CURB & GUTTER (BY OTHERS).....
PROPOSED INLET (BY OTHERS).....
PROPOSED STORM DRAIN (BY OTHERS).....

STATE OF TEXAS
ALFONSO A. GONZALEZ
93805
LICENSED
PROFESSIONAL ENGINEER
7/25/13

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Texas Department of Transportation

SHARYLAND WATER SUPPLY CORPORATION

SIGLER, WINSTON, GREENWOOD AND ASSOCIATES, INC.
CONSULTING ENGINEERS
WESLACO AND MC ALLEN, TEXAS

FM 2221 (7 MILE LINE)

4" WATERLINE ADJUSTMENT
COMPENSABLE SEGMENT

SCALE: 1"=10' JULY-2013

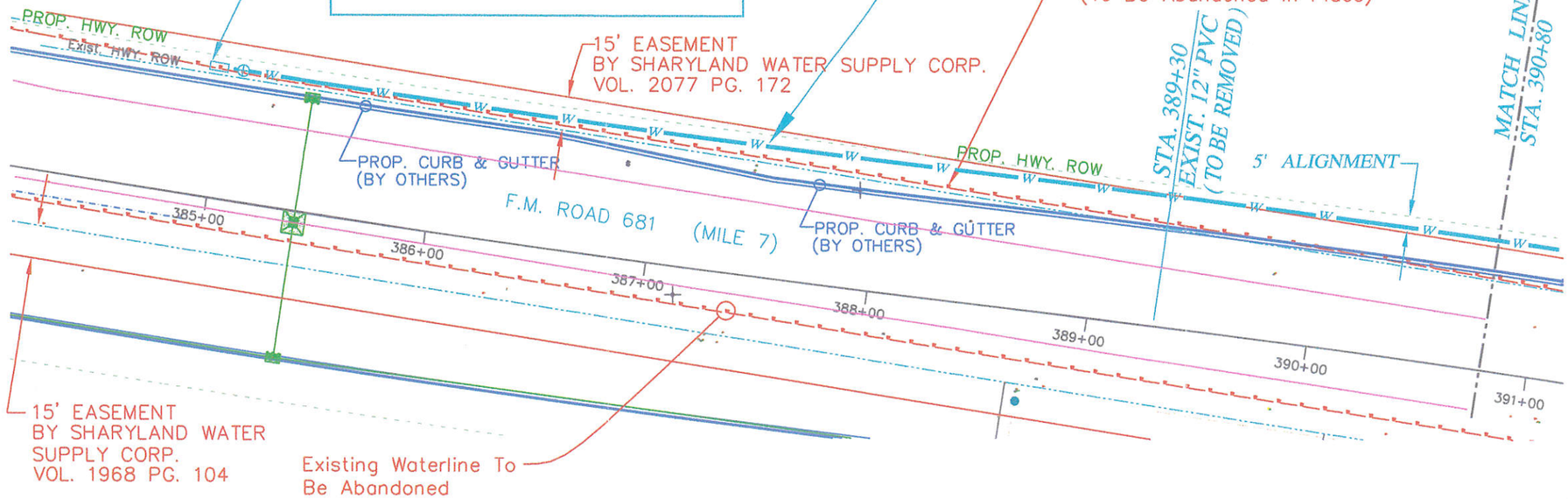
| FED.RD. DIV.NO. | | | SHEET NO. 3 of 8 |
|---|---|---|---|
| STATE | DIST. | COUNTY | |
| TEXAS | | HIDALGO | |
| CONT. | SECT. | JOB | HIGHWAY NO. |
| | | | FM 2221 (7 MILE LINE) |

TIE TO EXIST. 12" WATERLINE
BEGIN @ STA. 384+92.33

PROPOSED
1-12" AWWA C502 RESILIENT SEAT MJ
GATE VALVE & BOX
1-12" AWWA C219 REPAIR COUPLING
QUANTUM ® BY SMITH BLAIR OR EQ.

PROPOSED 12" AWWA C900
( DR 25 ) PVC WATERLINE
TO BE INSTALLED ON 5FT. OFFSET
W/36" COVER

SCALE 1"=60'




## LEGEND

STATION HIGHWAY CONTROL BASELINE.....
EXISTING HWY. ROW.....
EXIST. WATERLINE..... —W—W—W—W—W—W—W—W—
EXIST. OVERHEAD POWER..... —OH—OH—OH—OH—
EXIST. EASEMENT LINE SWSC.....
EXISTING EDGE OF PAVEMENT.....
EXIST. UTILITY..... —UT—UT—UT—UT—UT—
PROPOSED HWY. ROW.....
PROPOSED WATERLINE..... —W—W—W—W—W—W—W—
PROP. CURB & GUTTER (BY OTHERS).....
PROPOSED STORM DRAINAGE PIPE (BY OTHERS).....
PROPOSED STORM SEWER INLET (BY OTHERS).....
PROPOSED STORM DRAINAGE INLET (BY OTHERS).....

STATE OF TEXAS
ALFONSO A. GONZALEZ
93805
LICENSED
PROFESSIONAL ENGINEER
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SHARYLAND WATER SUPPLY CORPORATION

SIGLER, WINSTON, GREENWOOD AND ASSOCIATES, INC.
CONSULTING ENGINEERS
WESLACO AND MC ALLEN, TEXAS

F.M. 681/FM 2221 (7 MILE LINE)

12" WATERLINE RELOCATION
COMPENSABLE SEGMENT

SCALE: 1"=60' JULY-2013

| FED.RD. DIV.NO. | | | SHEET NO. 4 of 8 |
|---|---|---|---|
| | | | |
| STATE | DIST. | COUNTY | |
| TEXAS | | HIDALGO | |
| CONT. | SECT. | JOB | HIGHWAY NO. |
| | | | F.M. 681/FM 2221 (7 MILE LINE) |

MATCH LINE STA. 390+80

15' EASEMENT TO SHARYLAND WATER SUPPLY CORP. VOL. 2077 PG. 172

(VOL. 6, PG 52 H.C.M.R.)

SCALE 1"=60'

STA. 392+10 EXIST. 8" PVC (TO BE REMOVED)

5' ALIGNMENT

PROPOSED 12" AWWA C900 (DR 25) PVC Waterline TO BE INSTALLED ON 5FT. OFFSET W/36" COVER

ISAIAS GONZALEZ VOL. 1774, PG. 100 H.C.D.R.)

END @ Sta. 396+00.00 (See Sheet No. 6) Segment of 12" AWWA C900 (DR-25) PVC Waterline

PROPOSED 1-12"x16" Reducer 1-12" MJ Gate Valve & Box

8" PVC WATERLINE (TO BE REMOVED) 635 L.F.

END OF 8" PVC REMOVAL

INSPIRATION ROAD

Exist. HWY. R.O.W.

PROP. HWY. ROW

15' EASEMENT TO SHARYLAND WATER SUPPLY CORP. VOL. 2016 PG. 836

STA. 398+38 END 8" PVC REMOVAL

F.M. ROAD 681 (MILE 7) PROPOSED ℄

391+00 392+00 393+00 394+00 395+00 396+00 397+00 398+00 398+60 399+00

EXIST. HWY. R.O.W.

PROP. CURB & GUTTER (BY OTHERS)

CONNECT W/ PROP. 16" WATERLINE (SEE SHEET NO. 6)

PROPOSED ℄

15' EASEMENT TO SHARYLAND WATER SUPPLY CORP. DOC #675923

EXIST. HWY. R.O.W.

STA. 398+63 END 12" PVC REMOVAL

PROP. HWY. ROW

EXISTING 12" PVC WATERLINE (TO BE REMOVED) 838 L.F.

EXISTING 2" PVC WATERLINE TO BE ABANDONED

LOT 55 E.M. GOODWIN SUBD. NO.3

## LEGEND

STATION HIGHWAY CONTROL BASELINE.....

EXISTING HWY. ROW.....

EXIST. WATERLINE..... —W—W—W—W—W—W—W—W—

EXIST. OVERHEAD POWER..... —OH—OH—OH—OH—

EXIST. EASEMENT LINE SWSC.....

EXISTING EDGE OF PAVEMENT.....

EXIST. UTILITY..... —UT—UT—UT—UT—UT—

PROPOSED HWY. ROW.....

PROPOSED WATERLINE..... —W—W—W—W—W—W—W—

PROP. CURB & GUTTER (BY OTHERS).....

PROPOSED STORM DRAINAGE PIPE (BY OTHERS).....

PROPOSED STORM SEWER INLET (BY OTHERS).....

PROPOSED STORM DRAINAGE INLET (BY OTHERS).....

STATE OF TEXAS
ALFONSO A. GONZALEZ
93805
LICENSED PROFESSIONAL ENGINEER

7/25/13

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Texas Department of Transportation

SHARYLAND WATER SUPPLY CORPORATION

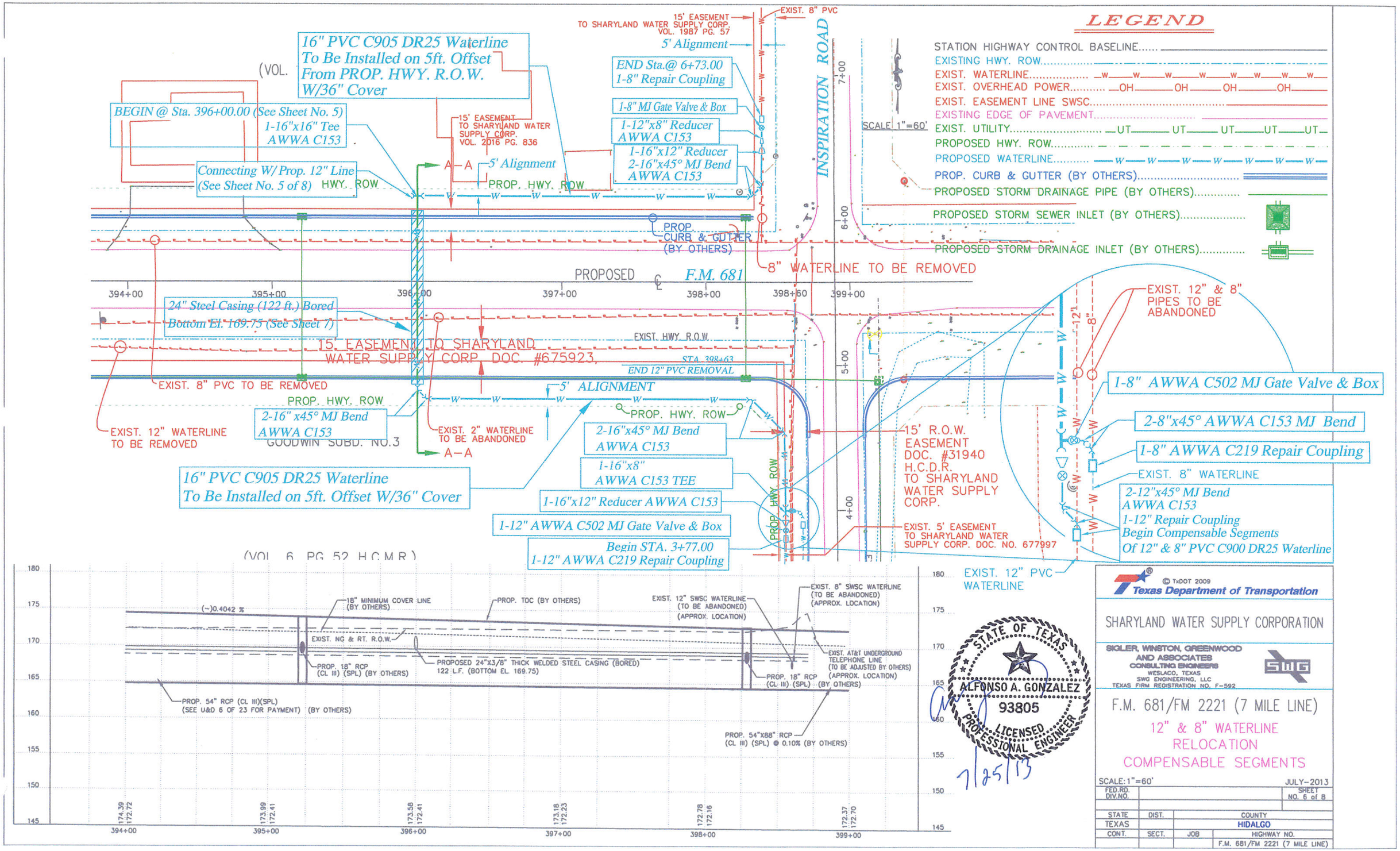
SIGLER, WINSTON, GREENWOOD AND ASSOCIATES
CONSULTING ENGINEERS
WESLACO, TEXAS
SWG ENGINEERING, LLC
TEXAS FIRM REGISTRATION NO. F-592

F.M. 681/FM 2221 (7 MILE LINE)

12" WATERLINE RELOCATION COMPENSABLE SEGMENT

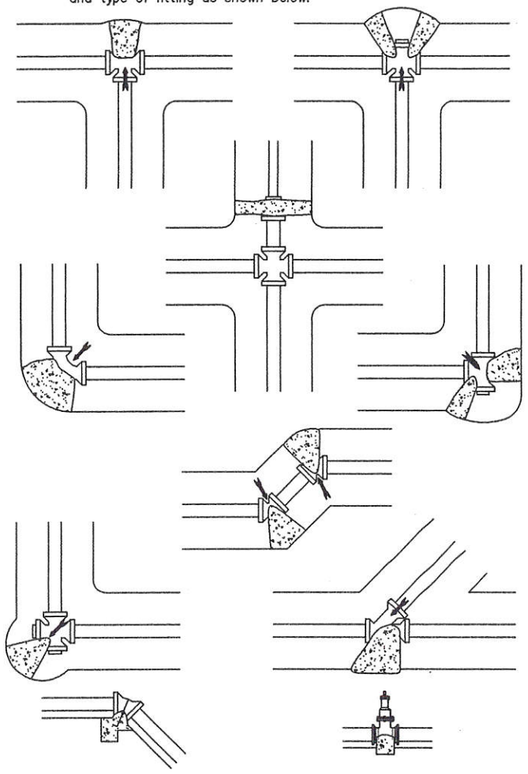
SCALE: 1"=60' JULY-2013

| FED.RD. DIV.NO. | | | SHEET NO. 5 of 8 |
|---|---|---|---|
| STATE | DIST. | COUNTY | |
| TEXAS | | HIDALGO | |
| CONT. | SECT. | JOB | HIGHWAY NO. |
| | | | F.M. 681/FM 2221 (7 MILE LINE) |


LEGEND
STATION HIGHWAY CONTROL BASELINE
EXISTING HWY. ROW
EXIST. WATERLINE
EXIST. OVERHEAD POWER
EXIST. EASEMENT LINE SWSC
EXISTING EDGE OF PAVEMENT
EXIST. UTILITY
PROPOSED HWY. ROW
PROPOSED WATERLINE
PROP. CURB & GUTTER (BY OTHERS)
PROPOSED STORM DRAINAGE PIPE (BY OTHERS)
PROPOSED STORM SEWER INLET (BY OTHERS)
PROPOSED STORM DRAINAGE INLET (BY OTHERS)
SCALE 1"=60'
INSPIRATION ROAD
16" PVC C905 DR25 Waterline To Be Installed on 5ft. Offset From PROP. HWY. R.O.W. W/36" Cover
BEGIN @ Sta. 396+00.00 (See Sheet No. 5)
1-16"x16" Tee AWWA C153
Connecting W/ Prop. 12" Line (See Sheet No. 5 of 8)
15' EASEMENT TO SHARYLAND WATER SUPPLY CORP. VOL. 2016 PG. 836
15' EASEMENT TO SHARYLAND WATER SUPPLY CORP. VOL. 1987 PG. 57
5' Alignment
END Sta.@ 6+73.00
1-8" Repair Coupling
1-8" MJ Gate Valve & Box
1-12"x8" Reducer AWWA C153
1-16"x12" Reducer
2-16"x45° MJ Bend
AWWA C153
PROP. HWY. ROW
PROP. CURB & GUTTER (BY OTHERS)
8" WATERLINE TO BE REMOVED
PROPOSED
F.M. 681
394+00
395+00
396+00
397+00
398+00
398+60
399+00
24" Steel Casing (122 ft.) Bored
Bottom El. 169.75 (See Sheet 7)
15' EASEMENT TO SHARYLAND WATER SUPPLY CORP. DOC. #675923.
EXIST. HWY. R.O.W.
STA. 398+63
END 12" PVC REMOVAL
EXIST. 8" PVC TO BE REMOVED
5' ALIGNMENT
PROP. HWY. ROW
2-16" x45° MJ Bend
AWWA C153
EXIST. 12" WATERLINE TO BE REMOVED
GOODWIN SUBD. NO.3
EXIST. 2" WATERLINE TO BE ABANDONED
A-A
16" PVC C905 DR25 Waterline
To Be Installed on 5ft. Offset W/36" Cover
2-16"x45° MJ Bend
AWWA C153
1-16"x8"
AWWA C153 TEE
1-16"x12" Reducer AWWA C153
1-12" AWWA C502 MJ Gate Valve & Box
Begin STA. 3+77.00
1-12" AWWA C219 Repair Coupling
(VOL. 6 PG. 52 H.C.M.R.)
15' R.O.W. EASEMENT DOC. #31940 H.C.D.R. TO SHARYLAND WATER SUPPLY CORP.
EXIST. 5' EASEMENT TO SHARYLAND WATER SUPPLY CORP. DOC. NO. 677997
EXIST. 12" & 8" PIPES TO BE ABANDONED
1-8" AWWA C502 MJ Gate Valve & Box
2-8"x45° AWWA C153 MJ Bend
1-8" AWWA C219 Repair Coupling
EXIST. 8" WATERLINE
2-12"x45° MJ Bend
AWWA C153
1-12" Repair Coupling
Begin Compensable Segments
Of 12" & 8" PVC C900 DR25 Waterline
EXIST. 12" PVC WATERLINE
(-)0.4042 %
18" MINIMUM COVER LINE (BY OTHERS)
PROP. TOC (BY OTHERS)
EXIST. NG & RT. R.O.W.
PROP. 18" RCP (CL III) (SPL) (BY OTHERS)
PROPOSED 24"X3/8" THICK WELDED STEEL CASING (BORED) 122 L.F. (BOTTOM EL. 169.75)
PROP. 54" RCP (CL III)(SPL) (SEE U&D 6 OF 23 FOR PAYMENT) (BY OTHERS)
EXIST. 12" SWSC WATERLINE (TO BE ABANDONED) (APPROX. LOCATION)
EXIST. 8" SWSC WATERLINE (TO BE ABANDONED) (APPROX. LOCATION)
EXIST. AT&T UNDERGROUND TELEPHONE LINE (TO BE ADJUSTED BY OTHERS) (APPROX. LOCATION)
PROP. 18" RCP (CL III) (SPL) (BY OTHERS)
PROP. 54"X88" RCP (CL III) (SPL) @ 0.10% (BY OTHERS)
180
175
170
165
160
155
150
145
174.39 172.72
173.99 172.41
173.58 172.41
173.18 172.23
172.78 172.16
172.37 172.70
394+00
395+00
396+00
397+00
398+00
399+00
STATE OF TEXAS
ALFONSO A. GONZALEZ
93805
LICENSED
PROFESSIONAL ENGINEER
7/25/13
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SHARYLAND WATER SUPPLY CORPORATION
SIGLER, WINSTON, GREENWOOD AND ASSOCIATES
CONSULTING ENGINEERS
WESLACO, TEXAS
SWG ENGINEERING, LLC
TEXAS FIRM REGISTRATION NO. F-592
F.M. 681/FM 2221 (7 MILE LINE)
12" & 8" WATERLINE
RELOCATION
COMPENSABLE SEGMENTS
SCALE: 1"=60'
JULY-2013
FED.RD. DIV.NO.
SHEET NO. 6 of 8
STATE
DIST.
COUNTY
TEXAS
HIDALGO
CONT.
SECT.
JOB
HIGHWAY NO.
F.M. 681/FM 2221 (7 MILE LINE)

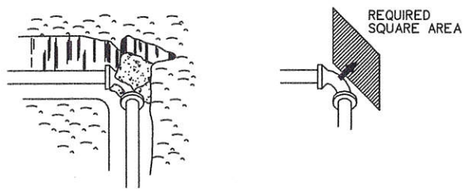
## LOCATION OF THRUST BLOCKS

The location of thrust blocks depends on the direction of thrust and type of fitting as shown below.



At vertical bends, anchor to resist outward thrust.

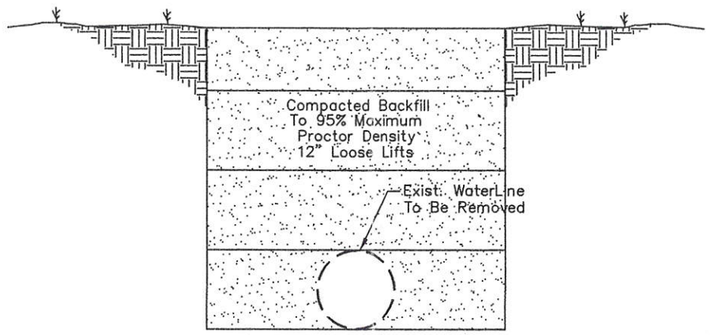
If thrusts due to high pressure are expected, anchor valves as above.



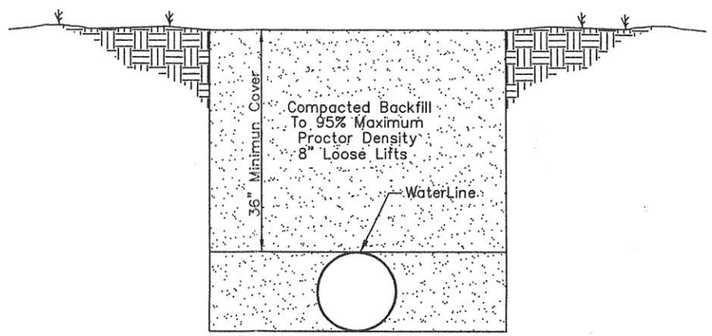

### CONCRETE THRUST BLOCKS

| THRUST–BLOCK DATA | | | | |
|---|---|---|---|---|
| Pipe Size | Tee Min. Req'd Area S.F. | 90° Bend Min. Req'd. Area S.F. | 45° Bend Min. Req'd. Area S.F. | 22–1/2° Bend Min. Req'd. Area S.F. |
| 6" | 3 | 4 | 2 | 1 |
| 8" | 5 | 7 | 4 | 2 |
| 10" | 8 | 12 | 6 | 3 |
| 12" | 12 | 16 | 9 | 5 |
| 14" | 16 | 22 | 12 | 6 |
| 16" | 20 | 29 | 16 | 8 |

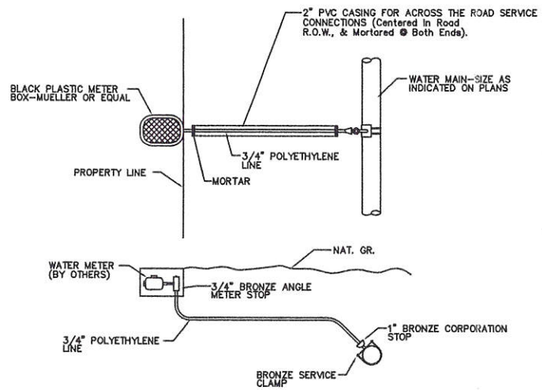
Thrust based on 150 psi water pressure. Area based on 2,000 psf soil bearing.



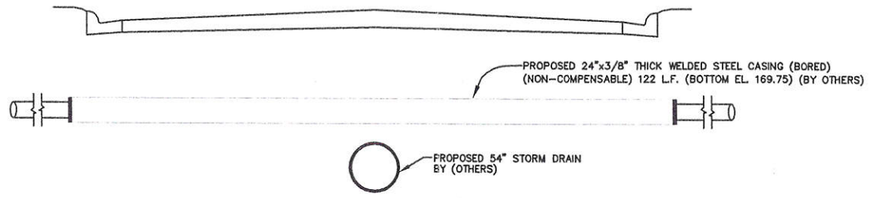

## TRENCH BACKFILL DETAIL
## (PIPE REMOVAL)




## TRENCH BEDDING DETAIL



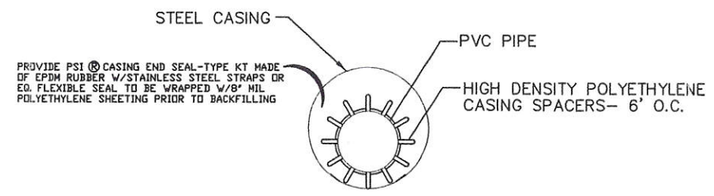

TYPICAL–SINGLE SERVICE WATER CONNECTION

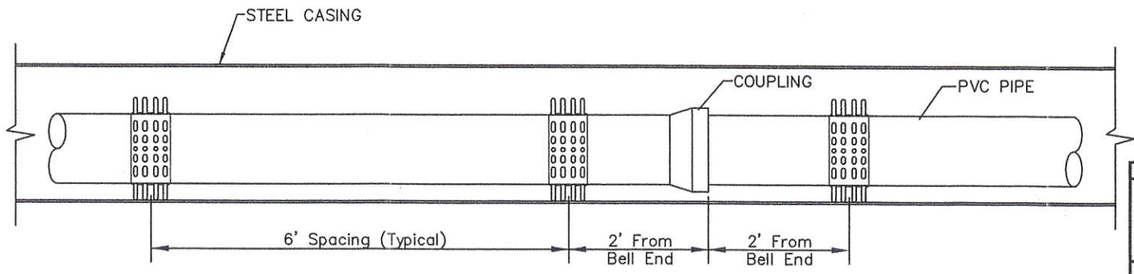



## SECTION A-A

( SEE SHEET NO. 6 )

| PIPE SIZE | CASING SIZE |
|---|---|
| 6" | 12" |
| 8" | 16" |
| 12" | 20" |
| 16" | 24" |
| | |




## TYPICAL SKID DETAIL

STATE OF TEXAS
ALFONSO A. GONZALEZ
93805
LICENSED
PROFESSIONAL ENGINEER
7/25/13

| REV. | DATE | DESCRIPTION | BY |
|---|---|---|---|

MISSION, HIDALGO COUNTY, TEXAS

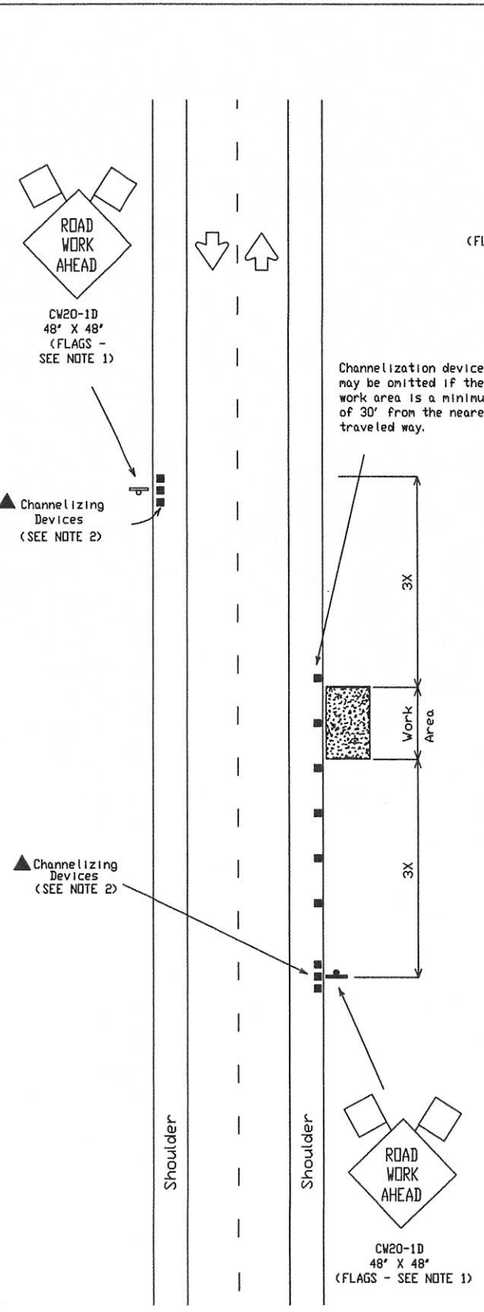
WATER DETAIL SHEET

SIGLER, WINSTON, GREENWOOD AND ASSOCIATES
SWG ENGINEERING, LLC
TEXAS FIRM REGISTRATION No.: F-592
WESLACO, TEXAS

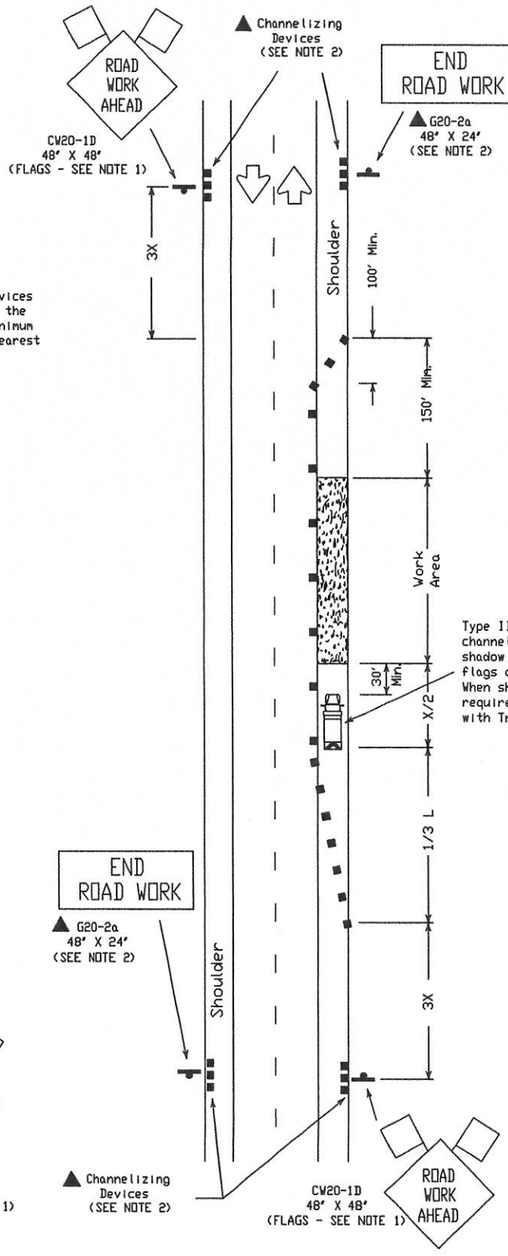
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| DRAWN | CHECKED | DRAWING NO. |
|---|---|---|
| AF. | A.A.G. | 12–114–7 |
| DATE: JULY–2013 | NO. 7 OF 8 | |

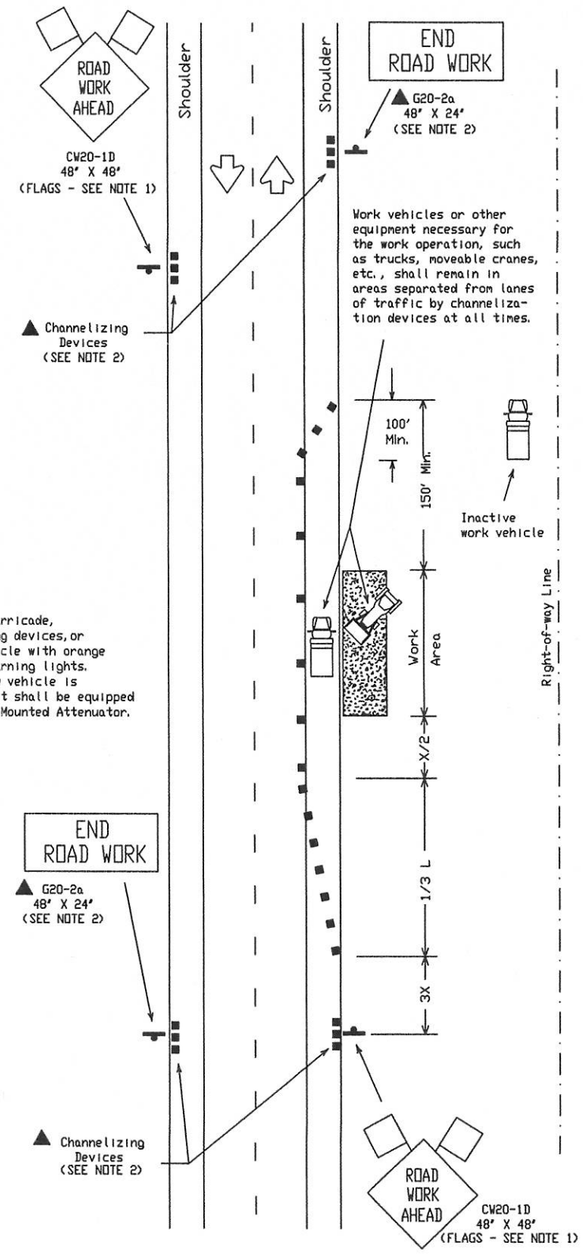
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TCP (1-1a)
Work Area Near Shoulder




TCP (1-1b)
Work Area on Shoulder




TCP (1-1c)
Work Vehicles on Shoulder

LEGEND

Type III Barricade ■ ■ Channelizing Devices Flag
Heavy Work Vehicle Truck Mounted Attenuator
Trailer Mounted Flashing Arrow Panel (M) Portable Changeable Message Sign
Flagger Sign Post

| Posted Speed✳ | Formula | Minimum Desirable Taper Lengths ✳✳ 10' Offset | 11' Offset | 12' Offset | Suggested Maximum Spacing of Device On a Taper | On a Tangent | Minimum Sign Spacing X Distance |
|---|---|---|---|---|---|---|---|
| 30 | $L=\frac{WS^2}{60}$ | 150' | 165' | 180' | 30' | 60' -75' | 120' |
| 35 | | 205' | 225' | 245' | 35' | 70' -90' | 160' |
| 40 | | 265' | 295' | 320' | 40' | 80' -100' | 240' |
| 45 | L=WS | 450' | 495' | 540' | 45' | 90' -110' | 320' |
| 50 | | 500' | 550' | 600' | 50' | 100' -125' | 400' |
| 55 | | 550' | 605' | 660' | 55' | 110' -140' | 500' |
| 60 | | 600' | 660' | 720' | 60' | 120' -150' | ✳600' |
| 65 | | 650' | 715' | 780' | 65' | 130' -165' | ✳700' |
| 70 | | 700' | 770' | 840' | 70' | 140' -175' | ✳800' |

✳ Conventional Roads Only

✳✳ Taper lengths have been rounded off.
L=Length of Taper (FT.) W=Width of Offset (FT.) S=Posted Speed (MPH)

| TYPICAL USAGE: | | | | |
|---|---|---|---|---|
| MOBILE | SHORT DURATION | SHORT TERM STATIONARY | INTERMEDIATE TERM STATIONARY | LONG TERM STATIONARY |
| | ✓ | ✓ | | |

GENERAL NOTES:

1. Unless otherwise stated in the plans, flags attached to signs are REQUIRED.
2. All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans.
3. On high speed facilities advance warning signs should be installed approximately 3X from the work area or from the beginning of a lane or shoulder taper. On low speed facilities the advance warning signs should be placed based on the "X" minimum distance.
4. Inactive work vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.

Only pre-qualified products shall be used. A list of compliant products and their sources may be obtained by writing or faxing:

Standards Engineer
Traffic Operations Division - TE
Texas Department of Transportation
125 East 11th Street
Austin, Texas 78701-2483
Phone (512) 416-3335
Fax (512) 416-3161
E-mail TRF-STANDARD@mailgw.dot.state.tx.us

The requirement for shadow vehicles will be listed in the project GENERAL NOTES, Item 502, Barricades, Signs and Traffic Handling.

STANDARD PLANS
TEXAS DEPARTMENT OF TRANSPORTATION
*Traffic Operations Division*

# TRAFFIC CONTROL PLAN

TCP(1-1)-98

© TxDOT December 1985 (Revised 1998)

| DN-LR | CK-MT | DW-DN | CK-MT | REQ NO.: |
|---|---|---|---|---|

| REVISIONS | STATE DISTRICT | FEDERAL REGION | FEDERAL AID PROJECT | SHEET |
|---|---|---|---|---|
| 2-94 | | 6 | | |
| 8-95 | | | | |
| 1-97 | COUNTY | | CONTROL SECTION JOB | HIGHWAY |
| 4-98 | | | | |



LEVELS DISPLAYED
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
7 8 9 20 21 22 23 24 25 26 27 28 29 30 31 32
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48
49 50 51 52 53 54 55 56 57 58 59 60 61 62 63

DATE:
ACC:
FILE:
DN:
CK:
DW:
CK:

# Attachment A

Estimated Costs

SWG Engineering, LLC
611 Bill Summers International Blvd, Weslaco, TX 78596

# SUMMARY OF PROJECT COST

Entity: Sharyland Water Supply Corporation
Date: 07/25/13
Descr: 4", 8", & 12" Waterline Adjustment and Relocation along FM 681 / FM 2221 CSJ Projects 0862-01-046 and 0669-01-052
Eng.: Sigler, Winston, Greenwood & Associates
Alfonso Gonzalez, P.E.
**SWG File 12 - 114**

| Item No. | Description | Quantity | Unit | | Unit Cost | Total Cost |
|---|---|---|---|---|---|---|
| | **Administrative & Professional Fees** | | | | | |
| 1 | Administrative | 1 | LS | | $31,052.18 | $31,052.18 |
| 2 | Legal Services | 1 | LS | | $950.00 | $950.00 |
| 3 | Engineering Services for Preparation of Plans of Adjustment & Estimate | 1 | LS | | $8,278.82 | $8,278.82 |
| 4 | Construction Staking Services | 1 | LS | | $2,069.71 | $2,069.71 |
| 5 | Construction Material Testing | 1 | LS | | $3,514.00 | $3,514.00 |
| | **Estimated Construction Cost - Waterline Adjustments & Relocation** | | | | | |
| | 4" Water Line Adjustment CSJ No. 0862-01-046 | | | | | $2,018.69 |
| | 12" & 8" Water Line Relocation CSJ No. 0669-01-052 | | | | | $101,466.62 |
| | **Total Estimated Construction Cost** | | | | | **$103,485.31** |
| | **Total Construction Cost Estimate** | | | | | **$149,350.01** |

SWG Engineering, LLC
611 Bill Summers International Blvd, Weslaco, TX 78596

## Engineer's Construction Cost Estimate

Entity: Sharyland Water Supply Corporation
Date: 07/25/13
Descr: 4" Waterline Adjustment at NW Int. of FM 2221 and La Homa Rd (SH 364) STA 7+20.13 - CSJ No 0862-01-046
Eng.: Sigler, Winston, Greenwood & Associates
Alfonso Gonzalez, P.E.
**SWG File 12 - 114**

| Item No. | Description | Quantity | Unit | *Labor | Material | Total Cost |
|---|---|---|---|---|---|---|
| 1 | 4" PVC AWWA C900 DR 25 Pipe | 49 | LF | $4.00 | $1.79 | $283.71 |
| 2 | 4" X 45° AWWA C153 MJ X MJ Bend | 4 | EA | $200.00 | $88.40 | $1,153.60 |
| 3 | 4" AWWA C219 Repair Coupling | 2 | EA | $200.00 | $90.69 | $581.38 |
| | Total Estimated Construction Cost | | | | | **$2,018.69** |

# Engineer's Construction Cost Estimate

Entity: Sharyland Water Supply Corporation
Date: 07/25/13
Descr: 12" & 8" Waterline Relocation along N. side of FM 681 from STA 384+92.33 to STA 398+63 - CSJ No 0669-01-052
Eng.: Sigler, Winston, Greenwood & Associates
Alfonso Gonzalez, P.E.
**SWG File 12 - 114**

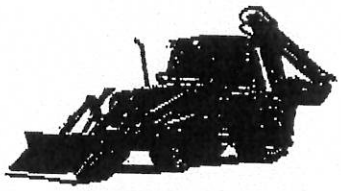
| Item No. | Description | Quantity | Unit | *Labor | Material | Total Cost |
|---|---|---|---|---|---|---|
| 1 | 12" PVC C900 DR 25 Pipe | 1108 | LF | $6.00 | $11.37 | $19,245.96 |
| 2 | 12" AWWA C502 Resilient Seat Gate Valve and Box | 3 | EA | $350.00 | $1,745.10 | $6,285.30 |
| 3 | 12" AWWA C219 Repair Coupling | 2 | EA | $400.00 | $323.06 | $1,446.12 |
| 4 | 16" X 12" AWWA C153 Reducer | 3 | EA | $400.00 | $471.14 | $2,613.42 |
| 5 | 24" I.D. X 3/8" thick Steel Casing Bored Including 16" PVC Pipe and Supports ..... | 122 | LF | $99.45 | $80.14 | $21,909.98 |
| 6 | 16" PVC C905 DR 25 Pipe | 598 | LF | $9.00 | $21.25 | $18,089.50 |
| 7 | 16" X 45° AWWA C153 MJ X MJ Bend | 6 | EA | $400.00 | $661.52 | $6,369.12 |
| 8 | 12" X 45° AWWA C153 MJ X MJ Bend | 2 | EA | $300.00 | $415.82 | $1,431.64 |
| 9 | 16" X 8" AWWA C153 MJ X MJ Tee | 1 | EA | $400.00 | $801.17 | $1,201.17 |
| 10 | 8" AWWA C502 Resilient Seat Gate Valve and Box | 2 | EA | $250.00 | $856.72 | $2,213.44 |
| 11 | 8" AWWA C219 Repair Coupling | 2 | EA | $200.00 | $187.26 | $774.52 |
| 12 | 8" X 45° AWWA C153 MJ X MJ Bend | 2 | EA | $200.00 | $170.12 | $740.24 |
| 13 | 12" X 8" AWWA C153 MJ X MJ Reducer | 1 | EA | $400.00 | $228.58 | $628.58 |
| 14 | 16" X 16" AWWA C153 MJ X MJ Tee | 1 | EA | $400.00 | $1,130.05 | $1,530.05 |
| 15 | Removal of Existing 8" PVC | 635 | LF | $7.50 | $0.00 | $4,762.50 |
| 16 | Removal of Existing 12" PVC | 988 | LF | $9.50 | $0.00 | $9,386.00 |
| 17 | Service Connection | 4 | EA | $150.00 | $125.05 | $1,100.20 |
| 18 | Service Connection Across the Road (Bored) | 1 | EA | $200.00 | $139.45 | $339.45 |
| 19 | Cleaning and Disposal of the Spoil Material from the Boring Operation | 40 | CY | $35.00 | $0.00 | $1,399.43 |
| 20 | Traffic Control Management | 1 | LS | $2,500.00 | $0.00 | $2,500.00 |
| | Total Estimated Construction Cost | | | | | **$101,466.62** |

**Note: * Includes equipment cost.**

**3F Utility Construction Inc.**
**5114 N. Inspiration Rd.**
**Mission, TX 78573**
**956-585-3477**
**Fax 956-585-2928**

# Proposal

**Name** Sharyland Water Supply Corporation
**Address** Mile 5 & Shary Road
**City** Mission **State** Texas
**Phone** 585-6081
**Date** 5/02/2013 Revised
**Job Name** **Tx Dot Relocate Water Mains** **Job Location** **FM 2221 from Conway West to La Homa**



| Qty | Description | Unit Price | Total |
|---|---|---|---|
| | **All Materials by SWSC** | | |
| | **Labor & Equipment Prices** | | |
| 462 | 16" PVC C-900 Dr-25 Pipe, installed | $9.00 | $4,158.00 |
| 1330 | 12" PVC C-900 Dr-25 Pipe, installed | $6.00 | $7,980.00 |
| 270 | 4" PVC C-900 Dr-25 Pipe, installed | $4.00 | $1,080.00 |
| 122 | 24"x122 Steel Casing Store Bore | $95.00 | $11,590.00 |
| 1 | Welding Response to Weld 24" steel Casing (1/2 Day) | $180.00 | $180.00 |
| 2 | 16" MJ Gate Valve, W/box, installed | $450.00 | $900.00 |
| 3 | 12" MJ Gate Valve, W/box, installed | $350.00 | $1,050.00 |
| 2 | 8" MJ Gate Valve, W/box, installed | $250.00 | $500.00 |
| 1 | 4" MJ Gate Valve, W/box, installed | $250.00 | $250.00 |
| 1 | 16" MJ Cast Iron Tee, installed | $400.00 | $400.00 |
| 1 | 16"x8" MJ Cast Iron Tee, installed | $400.00 | $400.00 |
| 8 | 16" MJ Cast Iron 45 Bends, installed | $400.00 | $3,200.00 |
| 2 | 8" MJ Cast Iron 45 Bends, installed | $200.00 | $400.00 |
| 2 | 8" MJ Cast Iron 45 Bends, installed | $200.00 | $400.00 |
| 3 | 16"x8" MJ Cast Iron Reducers, installed | $400.00 | $1,200.00 |
| 1 | 12"x8" MJ Cast Iron Reducers, installed | $400.00 | $400.00 |
| 2 | 12" MJ Cast Bolted Coupling, installed | $400.00 | $800.00 |
| 2 | 8" MJ Cast Iron Bolted Coupling, installed | $200.00 | $400.00 |
| 5 | 1" Single Service Connections, lineside installed | $150.00 | $750.00 |
| 1 | 1" Single Service Connections, Across installed | $200.00 | $200.00 |
| 1 | Traffic Control Management | $2,500.00 | $2,500.00 |
| 6 | 4", 8" and 12" Wet Tie-Ins (2 per/3 Sites) | $300.00 | $1,800.00 |
| | | | |
| | | Subtotal | $40,538.00 |
| | | Tax | |
| | | Total | $40,538.00 |

We Propose hereby to furnish material and labor - complete in accordance with above specifications, for the sum of:

#40,538.00

Payments to be made as follows: WEEKLY DRAWS

Acceptance of proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Authorized signature
Quote valid for 30 days

Signature _____

SF Utility Construction Inc.
5114 N. Inspiration Rd.
Mission, TX 78573
956-585-3477
Fax 956-585-2928

# Proposal

**Name** Sharyland Water Supply Corporation
**Address** Mile 5 & Shary Road
**City** Mission **State** Texas
**Phone** 585-8081
**Date** 7/11/2013
**Job Name** 12" Replacement Project **Job Location** FM 2221 from Inspiration to Moorefield



| Qty | Description | Unit Price | Total |
|---|---|---|---|
| | **In strict accordance with SWSC Specifications,** | | |
| | **Plans, and the Project Engineer.** | | |
| | | | |
| | **Additional Improvements** | | |
| | Exist 12" PVC Pipe, removed from ROW (Per Linear Ft) | $6.00 | |
| | 12" Pipe, loaded and Hauled to SWSC Plant (Per/LF) | $1.00 | |
| | Exist 8" PVC Pipe, removed from ROW (Per Linear Ft) | $4.00 | |
| | 8" Pipe, loaded and Hauled to SWSC Plant (Per/LF) | $1.00 | |
| | Water Jetting (Empty Trench) (Includes Water)(Per/LF) | $1.50 | |
| | Mechanical Compaction (Per Linear Ft) | $2.50 | |
| | **Note:** Mechanical Compaction Includes compaction | | |
| | testing by a Lab Crew. (1 Test every 300-400 Ft) | | |
| | | | |
| | **2nd Note: Quantities are unknow at this time,** | | |
| | **However a Unit Prices is available to figure total** | | |
| | **Cost.** | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | Subtotal | |
| | | Tax | |
| | | Total | $0.00 |

We Propose hereby to furnish material and labor - complete in accordance with above specifications, for the sum of:

Dollars $ _____

Payments to be made as follows: WEEKLY DRAWS

Acceptance of proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Authorized signature
Quote valid for 30 days

Signature _____

**3F Utility Construction Inc.**
**5114 N. Inspiration Rd.**
**Mission, TX 78573**
**956-585-3477**
**Fax 956-585-2928**

# Proposal



**Name** C/O: Alfonso Gonzales W/Sigler, Wiston, & Ass
**Address** 611 Bill Summers International Blvd.
**City** Weslaco **State** Texas 78596
**Phone** 956-968-2195
**Date** 7/28/2013
**Job Name** FM 2221 Water Main Relocate **Job Location** FM 2221 & West of Inspiration

| Qty | Description | Unit Price | Total |
|---|---|---|---|
| | **All Materials by SWSC** | | |
| 122 | 20"x3/8"x122' Steel Casing W/12" C-900 Pipe | $59.41 | $7,248.02 |
| 8 | 12" MJ Cast Iron 45 Bends | $1,745.10 | $13,960.80 |
| 1 | 12" MJ Cast Iron Gate Valve, W/box | $1,745.10 | $1,745.10 |
| 122 | 16"x3/8" Steel Casing, W/8" C-900 Pipe & Spacers | $44.64 | $5,446.08 |
| 4 | 8" MJ Cast Iron 45 Bends | $170.12 | $680.48 |
| 1 | 8" MJ Cast Iron Gate Valve, W/box | $856.72 | $856.72 |
| 2 | 8" MJ Cast Iron Repair Bolted Type Coupling | $187.26 | $374.52 |
| | **Labor & Equipment** | | |
| 122 | 22"x122' Steel Casing Bore | $99.45 | $12,132.90 |
| 8 | 12" MJ Cast Iron 45 Bends, installed | $200.00 | $1,600.00 |
| 1 | 12" MJ Cast Iron Gate Valve, W/box, installed | $350.00 | $350.00 |
| 122 | 18"x122 Steel Casing Bore, W/8" C-900 Pipe | $99.45 | $12,132.90 |
| 4 | 8" MJ Cast Iron 45 Bends, installed | $200.00 | $800.00 |
| 1 | 8" MJ Cast Iron Gate Valve, W/box, installed | $250.00 | $250.00 |
| 2 | 8" MJ Cast Iron Bolted Coupling, installed | $200.00 | $400.00 |
| 20 | Dewatering (Note: Will inovice actual days used) | $1,250.00 | $25,000.00 |
| 1 | Excavation Protection (Trench Box or Vertical Brace) | $10,000.00 | $10,000.00 |
| 50 | Bore Soil displacement and disposal Material | $35.00 | $1,750.00 |
| 1 | Traffic Control and Management | $2,500.00 | $2,500.00 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | Subtotal | $97,227.52 |
| | Tax | | |
| | | Total | $97,227.52 |

We Propose hereby to furnish material and labor - complete in accordance with above specifications, for the sum of:

$97,227.52

Payments to be made as follows: WEEKLY DRAWS

Acceptance of proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Authorized signature
Quote valid for 30 days

Signature _____

Run Date 2/22/13 HD SUPPLY WATERWORKS, LTD.

HDSWW - MCALLEN TX
PO Box 2227
McAllen TX 78502
Telephone: 956-631-3341
Fax: 956-687-5918

6/25/12 Bid ID: 3148339 SHARYLAND WSC-WATERLINE RELOCATION Page 1

| Line | Quantity | Sell Per | Description | Net Price | Extended Price |
|---|---|---|---|---|---|

HD SUPPLY WATERWORKS
100 N. 1ST STREET
P.O. BOX 2227
MCALLEN, TX 78502
PHONE: 956-631-3341
FAX: 956-687-5918

PROJECT: SHARYLAND WSC WTRLN.
BID DATE: JUNE 25, 2012
LOCATION: SHARYLAND,TEXAS
ENGINEER: SIGLER,WINSTON &
GREENWOOD & ASSOCIATES
**** SPECIAL PROJECT NOTE ****
IT IS EXPRESSLY UNDERSTOOD
THAT ALL QUOTES ARE MADE SUB-
JECT TO HD SUPPLY WATERWORKS
TIMELY RECEIVING MATERIALS
FROM MANUFACTURERS/SUPPLIERS.
HD SUPPLY WATERWORKS IS NOT
RESPONSIBLE FOR ANY DAMAGES,
WHETHER REASONABLY FORESEEABLE
OR NOT, THAT A CUSTOMER INCURS
AS A RESULT OF ANY DELAY
CAUSED BY A MANUFACTURER THAT
SUPPLIES MATERIALS TO HD
SUPPLY WATERWORKS.

1. PVC PIPE PRICES HEREIN, DUE
TO MARKET VOLITILITY AND LACK
OF AVAILABILITY, ARE NOT
GUARANTEED. PRICING ALSO DOES
NOT GUARANTEE AVAILIBILITY.
PVC PIPE PRICING WILL BE IN
EFFECT AT TIME OF SHIPMENT,
SUBJECT TO AVAILABILITY,
AND TO MANUFACTURER'S TERMS &
CONDITIONS. HD SUPPLY RESERVES
THE RIGHT TO REQUOTE PVC PIPE.

2. CUSTOMER TO VERIFY TYPE AND
SIZE OF EXISTING LINE WHERE
TAPPING SLEEVES ARE INDICATED

HD SUPPLY WATERWORKS, LTD.

HDSWW - MCALLEN TX
PO Box 2227
McAllen TX 78502
Telephone: 956-631-3341
Fax: 956-687-5918



| Line | Quantity | Sell Per | Description | Net Price | Extended Price |
|---|---|---|---|---|---|
| | | | IN PROJECT PLANS.<br>3. CUSTOMER TO VERIFY ELEVATIONS WHERE FIBERGLASS MANHOLES ARE INDICATED IN PROJECT PLANS.<br>4. ALL BIDS ARE SUBJECT TO HD SUPPLY WATERWORKS TERMS AND CONDITIONS.RETURNED MATERIAL IS SUBJECT TO A 25% RESTOCKING CHARGE.<br>5.THIS TAKE-OFF REPRESENTS OUR INTERPRETATION OF THE PLANS & SPECIFICATIONS AND IS OFFERED AS AN AID TO BIDDING ONLY. MATERIAL QUANITIES ARE NOT GUARANTEED TO BE EXACTLY WHAT MIGHT BE NEEDED TO COMPLETE THIS JOB.<br>6. HD SUPPLY WATERWORKS QUOTE IS PRODUCED TO THE BEST OF OUR KNOWLEDGE BASED ON THE PRE-BID DOCUMENTS SUPPLIED BY EITHER THE CONTRACTOR OR REPORTING AGENCY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND NOTIFY HD SUPPLY WATERWORKS PRIOR TO BID DATE WHETHER PRODUCTS MUST BE DOMESTIC ONLY AND/OR PER THE ARRA STIMULUS FUND.<br>THIS QUOTE REPRESENTS A POSSIBLE BLEND OF IMPORT & DOMESTIC MATERIALS.<br>********** | | |
| | | | **Bid Item 1** | | |
| 790 | 480 | FT | 12 C900 DR25 PVC PIPE (G) MARKINGS PC100 OR PC165 | 11.37 | 5,457.60 |
| | | | **Bid Item Sub-total:** | | 5,457.60 |

Run Date 2/22/13

HD SUPPLY WATERWORKS, LTD.

HDSWW - MCALLEN TX
PO Box 2227
McAllen TX 78502
Telephone: 956-631-3341
Fax: 956-687-5918



LINEAR PROJECTION FOR 8" PVC C900 DR 25

$12" - 8" = 11.37 - X$
$12" - 4" = 11.37 - 1.79$
$X = \$6.58/LF$

| Line | Quantity | Sell Per | Description | Net Price | Extended Price |
|---|---|---|---|---|---|
| | | | **Bid Item 2** | | |
| 810 | 1340 | FT | 12 C900 DR25 PVC PIPE (G) MARKINGS PC100 OR PC165 | 11.37 | 15,235.80 |
| | | | **Bid Item Sub-total:** | | **15,235.80** |
| | | | **Bid Item 3** | | |
| 830 | 280 | FT | 4 C900 DR25 PVC PIPE (G) MARKINGS PC100 OR PC165 | 1.79 | 501.20 |
| | | | **Bid Item Sub-total:** | | **501.20** |
| | | | **Bid Item 4** | | |
| 850 | 122 | FT | 24X.375 WALL STEEL CASING SCHEDULE 20 | 46.59 | 5,683.98 |
| 860 | 140 | FT | 16 C905 DR25 PVC PIPE (G) MARKINGS PC100 OR PC165 | 21.25 | 2,975.00 |
| 870 | 80 | EA | MEDI 65 CASING SPACER SEGMENT HEIGHT: 2.56", WIDTH 6.87" | 18.75 | 1,500.00 |
| | | | **Bid Item Sub-total:** | | **10,158.98** |
| | | | **Bid Item 5** | | |
| 890 | 2 | EA | 16 A2360-23-9020 MJ RW GV OL | 7,101.26 | 14,202.52 |
| 900 | 4 | EA | 16 MEGALUG W/ACC C905 2016PEC EBAA SEAL GSKT & 12 BOLTS/NUTS (3/4") INCLUDED | 182.13 | 728.52 |
| 910 | 2 | EA | 461-S VALVE BOX COMPLETE | 29.98 | 59.96 |
| | | | **Bid Item Sub-total:** | | **14,991.00** |

Avg. Price $= \frac{6.58 + 8.28}{2} = \$7.43/LF$

20" Casing $\approx \$46.59 \left(\frac{20"}{24"}\right) \approx \$38.82$

16" Casing $\approx \$46.59 \left(\frac{16}{24}\right) \approx \$31.06$

LINEAR PROJECTION FOR 8" PVC C900 DR 25

$16" - 8" = 21.25 - X$
$16" - 4" = 21.25 - 1.79$
$X = 8.28/LF$

12" Spacer $\approx \$18.75 \left(\frac{12}{16}\right) \approx \$14.06 \times 80 = \$1,124.80 \times \left(\frac{1}{122}\right) \approx \$9.22/LF$

8" Spacer $\approx \$18.75 \left(\frac{8}{16}\right) \approx \$9.37 \times 80 = \$750 \times \left(\frac{1}{122}\right) \$6.15/LF$

HDSWW - MCALLEN TX
PO Box 2227
McAllen TX 78502
Telephone: 956-631-3341
Fax: 956-687-5918



| Line | Quantity | Sell Per | Description | Net Price | Extended Price |
|---|---|---|---|---|---|
| | | | **Bid Item 6** | | |
| 930 | 3 | EA | 12 A2360-23 MJ RW GV OL L/ACC MUELLER GATE VALVE | 1,531.54 | 4,594.62 |
| 940 | 3 | EA | 12 EBAA MEGALUG W/ACC 2012PEC EBAA SEAL GSKT & 8 BOLTS/NUTS (3/4") INCLUDED, F/C900 | 91.79 | 275.37 |
| 950 | 3 | EA | 461-S VALVE BOX COMPLETE | 29.98 | 89.94 |
| | | | **Bid Item Sub-total:** | | **4,959.93** |
| | | | **Bid Item 7** | | |
| 970 | 2 | EA | 8 A2360-23 MJ RW GV OL L/ACC MUELLER GATE VALVE | 776.27 | 1,552.54 |
| 980 | 2 | EA | 8 EBAA MEGALUG W/ACC 2008PEC EBAA SEAL GSKT & 6 BOLTS/NUTS (3/4") INCLUDED , F/C900 | 50.47 | 100.94 |
| 990 | 2 | EA | 461-S VALVE BOX COMPLETE | 29.98 | 59.96 |
| | | | **Bid Item Sub-total:** | | **1,713.44** |
| | | | **Bid Item 8** | | |
| 1010 | 2 | EA | 4 A2360-23 MJ RW GV OL L/ACC MUELLER GATE VALVE | 394.53 | 789.06 |
| 1020 | 2 | EA | 4 MEGALUG W/ACC F/C900 2004PEC EBAA SEAL GSKT & 4 BOLTS/NUTS (3/4") INCLUDED | 29.62 | 59.24 |
| 1030 | 1 | EA | 461-S VALVE BOX COMPLETE | 29.98 | 29.98 |
| | | | **Bid Item Sub-total:** | | **878.28** |
| | | | **Bid Item 9** | | |

Run Date 2/22/13

HD SUPPLY WATERWORKS, LTD.

HDSWW - MCALLEN TX
PO Box 2227
McAllen TX 78502
Telephone: 956-631-3341
Fax: 956-687-5918



| Line | Quantity | Sell Per | Description | Net Price | Extended Price |
|---|---|---|---|---|---|
| 1050 | 1 | EA | 16X16 MJ TEE C/L CP DI C153 | 583.66 | 583.66 |
| 1060 | 3 | EA | 16 MEGALUG W/ACC C905 2016PEC EBAA SEAL GSKT & 12 BOLTS/NUTS (3/4") INCLUDED | 182.13 | 546.39 |
| | | | **Bid Item Sub-total:** | | 1,130.05 |
| | | | **Bid Item 10** | | |
| 1080 | 1 | EA | 16X8 MJ TEE C/L CP DI C153 | 386.44 | 386.44 |
| 1090 | 2 | EA | 16 MEGALUG W/ACC C905 2016PEC EBAA SEAL GSKT & 12 BOLTS/NUTS (3/4") INCLUDED | 182.13 | 364.26 |
| 1100 | 1 | EA | 8 EBAA MEGALUG W/ACC 2008PEC EBAA SEAL GSKT & 6 BOLTS/NUTS (3/4") INCLUDED , F/C900 | 50.47 | 50.47 |
| | | | **Bid Item Sub-total:** | | 801.17 |
| | | | **Bid Item 11** | | |
| 1120 | 8 | EA | 16 MJ 45 BEND C/L CP DI C153 | 297.26 | 2,378.08 |
| 1130 | 16 | EA | 16 MEGALUG W/ACC C905 2016PEC EBAA SEAL GSKT & 12 BOLTS/NUTS (3/4") INCLUDED | 182.13 | 2,914.08 |
| | | | **Bid Item Sub-total:** | | 5,292.16 |
| | | | **Bid Item 12** | | |
| 1150 | 2 | EA | 8 MJ 45 BEND C/L CP DI C153 | 69.18 | 138.36 |
| 1160 | 4 | EA | 8 EBAA MEGALUG W/ACC 2008PEC EBAA SEAL GSKT & 6 BOLTS/NUTS (3/4") INCLUDED , F/C900 | 50.47 | 201.88 |
| | | | **Bid Item Sub-total:** | | 340.24 |

2 EA 12 MJ 45° $X_1 = 183.22$

4 EA 12 MEGALUG $X_2 = 116.3$

$$\frac{12-8}{16-8} = \frac{X_1 - 69.18}{297.26 - 69.18}$$

$X_1 = 183.22$

$$\frac{12-8}{16-8} = \frac{X_2 - 50.47}{182.13 - 50.47}$$

$X_2 = 116.3$

Run Date 2/22/13 HD SUPPLY WATERWORKS, LTD.

HDSWW - MCALLEN TX
PO Box 2227
McAllen TX 78502
Telephone: 956-631-3341
Fax: 956-687-5918



| Line | Quantity | Sell Per | Description | Net Price | Extended Price |
|---|---|---|---|---|---|
| | | | **Bid Item 13** | | |
| 1180 | 2 | EA | 4 MJ 45 BEND C/L CP DI C153 | 29.16 | 58.32 |
| 1190 | 4 | EA | 4 MEGALUG W/ACC F/C900 2004PEC EBAA SEAL GSKT & 4 BOLTS/NUTS (3/4") INCLUDED | 29.62 | 118.48 |
| | | | **Bid Item Sub-total:** | | **176.80** |
| | | | **Bid Item 14** | | |
| 1210 | 3 | EA | 16X12 MJ REDUCER CP DI C153 | 197.22 | 591.66 |
| 1220 | 3 | EA | 16 MEGALUG W/ACC C905 2016PEC EBAA SEAL GSKT & 12 BOLTS/NUTS (3/4") INCLUDED | 182.13 | 546.39 |
| 1230 | 3 | EA | 12 EBAA MEGALUG W/ACC 2012PEC EBAA SEAL GSKT & 8 BOLTS/NUTS (3/4") INCLUDED, F/C900 | 91.79 | 275.37 |
| | | | **Bid Item Sub-total:** | | **1,413.42** |
| | | | **Bid Item 15** | | |
| 1250 | 1 | EA | 12X8 MJ REDUCER C/L CP DI C153 | 86.32 | 86.32 |
| 1260 | 1 | EA | 12 EBAA MEGALUG W/ACC 2012PEC EBAA SEAL GSKT & 8 BOLTS/NUTS (3/4") INCLUDED, F/C900 | 91.79 | 91.79 |
| 1270 | 1 | EA | 8 EBAA MEGALUG W/ACC 2008PEC EBAA SEAL GSKT & 6 BOLTS/NUTS (3/4") INCLUDED , F/C900 | 50.47 | 50.47 |
| | | | **Bid Item Sub-total:** | | **228.58** |
| | | | **Bid Item 16** | | |

HD SUPPLY WATERWORKS, LTD.

HDSWW - MCALLEN TX
PO Box 2227
McAllen TX 78502
Telephone: 956-631-3341
Fax: 956-687-5918



| Line | Quantity | Sell Per | Description | Net Price | Extended Price |
|---|---|---|---|---|---|
| 1290 | 2 | EA | 12 MJ L/P SLEEVE CP DI C153 | 139.48 | 278.96 |
| 1300 | 4 | EA | 12 EBAA MEGALUG W/ACC 2012PEC EBAA SEAL GSKT & 8 BOLTS/NUTS (3/4") INCLUDED, F/C900 | 91.79 | 367.16 |
| | | | **Bid Item Sub-total:** | | 646.12 |
| | | | **Bid Item 17** | | |
| 1320 | 2 | EA | 8 MJ L/P SLEEVE CP DI C153 | 86.32 | 172.64 |
| 1330 | 4 | EA | 8 EBAA MEGALUG W/ACC 2008PEC EBAA SEAL GSKT & 6 BOLTS/NUTS (3/4") INCLUDED , F/C900 | 50.47 | 201.88 |
| | | | **Bid Item Sub-total:** | | 374.52 |
| | | | **Bid Item 18** | | |
| 1350 | 2 | EA | 4 MJ L/P SLEEVE CP DI C153 T/C | 31.45 | 62.90 |
| 1360 | 4 | EA | 4 MEGALUG W/ACC F/C900 2004PEC EBAA SEAL GSKT & 4 BOLTS/NUTS (3/4") INCLUDED | 29.62 | 118.48 |
| | | | **Bid Item Sub-total:** | | 181.38 |
| | | | **Bid Item 19** | | |
| | | | SINGLE WATER SERVICES | | |
| 1380 | 5 | EA | S91-803 8X3/4 IP BRS SAD F/PVC OD 9.05 | 55.03 | 275.15 |
| 1390 | 200 | FT | 3/4X100' CTS PE TUBING 200 PSI | .24 | 48.00 |
| 1400 | 5 | EA | F1100-4 1 CORP MIPXPJ(CTS) | 33.84 | 169.20 |
| 1410 | 5 | EA | KV43-332W 5/8X3/4 ANG VLV PJLW | 26.58 | 132.90 |
| | | | **Bid Item Sub-total:** | | 625.25 |

HD SUPPLY WATERWORKS, LTD.

HDSWW - MCALLEN TX
PO Box 2227
McAllen TX 78502
Telephone: 956-631-3341
Fax: 956-687-5918



| Line | Quantity | Sell Per | Description | Net Price | Extended Price |
|---|---|---|---|---|---|
| | | | **Bid Item 20** | | |
| 1430 | 1 | EA | S91-803 8X3/4 IP BRS SAD F/PVC OD 9.05 | 55.03 | 55.03 |
| 1440 | 1 | EA | F1100-4 1 CORP MIPXPJ(CTS) | 33.84 | 33.84 |
| 1450 | 100 | FT | 3/4X100' CTS PE TUBING 200 PSI | .24 | 24.00 |
| 1460 | 1 | EA | KV43-332W 5/8X3/4 ANG VLV PJLW | 26.58 | 26.58 |
| | | | Bid Item Sub-total: | | 139.45 |

| | |
|---|---|
| Subtotal: | 65,245.37 |
| Tax: | .00 |
| Bid Total: | 65,245.37 |

## TERMS AND CONDITIONS OF SALE ("Terms")

1. All references in this document to "Seller" shall include HD Supply, Inc. and / or any parent, subsidiary or affiliate of HD Supply, Inc. (including any division of the foregoing) whether or not performing any or all of the scope hereunder or specifically identified herein. All references to "Buyer" shall include all parent(s), subsidiaries and affiliates of the entity placing the order. Buyer and Seller may be referred to individually as a "Party" and collectively as "Parties".

2. All sales to Buyer are subject to these Terms, which shall prevail over any inconsistent terms of Buyer's purchase order or other documents. Additional or different terms and conditions in any way altering or modifying these Terms are expressly objected to and shall not be binding upon Seller unless specifically accepted in writing by Seller's authorized representative. No modification or alteration of these Terms shall result by Seller's shipment of goods following receipt of Buyer's purchase order, or other documents containing additional, conflicting or inconsistent terms. There are no terms, conditions, understandings, or agreements other than those stated herein, and all prior proposals and negotiations are merged herein. These Terms are binding on the Parties, their successors, and permitted assigns.

3. Prices on Seller website, catalogs or in Seller quotes are subject to change without notice, and all such prices expire and become invalid if not accepted within 10 calendar days from the date of issue, unless otherwise noted by Seller in writing. Price extensions if made are for Buyer's convenience only, and they, as well as any mathematical, stenographic or clerical errors, are not binding on Seller. Prices shown do not include any sales, excise, or other governmental tax or charge payable by Seller to any federal, state or local authority. Any taxes now or hereafter imposed upon sales or shipments will be added to the purchase price, and Buyer shall reimburse Seller for any such tax or provide Seller with an acceptable tax exemption certificate. All prices and other terms provided to Buyer shall be kept confidential except to the extent a Party is required by law to disclose the same.

4. Seller shall not be liable for delay or default in delivery resulting from any cause beyond Seller's reasonable control, including, but not limited to, governmental action, strikes or other labor troubles, fire, damage or destruction of goods, wars (declared or undeclared), acts of terrorism, manufacturers' shortages, availability or timeliness of transportation, materials, fuels, or supplies, and acts of God (each a "Force Majeure Event"). Upon the occurrence of a Force Majeure Event: (a) the time for Seller's performance shall be extended reasonably and the Parties shall adjust all affected dates accordingly; (b) the purchase price shall be adjusted for any increased costs to Seller resulting from such Force Majeure Event; and (c) Buyer shall not be entitled to any other remedy.

5. Seller is a reseller of goods only, and as such does not provide any warranty for the goods it supplies hereunder. Notwithstanding this As-Is limitation, Seller shall pass through to Buyer any transferable manufacturer's standard warranties with respect to goods purchased hereunder. BUYER AND PERSONS CLAIMING THROUGH BUYER SHALL SEEK RECOURSE EXCLUSIVELY FROM MANUFACTURERS IN CONNECTION WITH ANY DEFECTS IN OR FAILURES OF GOODS, AND THIS SHALL BE THE EXCLUSIVE RECOURSE OF BUYER AND PERSONS CLAIMING THROUGH BUYER FOR DEFECTIVE GOODS, WHETHER THE CLAIM OF BUYER OR THE PERSON CLAIMING THROUGH BUYER SHALL SOUND IN CONTRACT, TORT, STRICT LIABILITY, PURSUANT TO STATUTE, OR FOR NEGLIGENCE. BUYER SHALL PASS THESE TERMS TO SUBSEQUENT BUYERS AND USERS OF GOODS. SELLER EXCLUDES AND DISCLAIMS ALL OTHER EXPRESS AND IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SELLER ASSUMES NO RESPONSIBILITY WHATSOEVER FOR SELLER'S INTERPRETATION OF PLANS OR SPECIFICATIONS PROVIDED BY BUYER, AND BUYER'S ACCEPTANCE AND USE OF GOODS SUPPLIED HEREUNDER SHALL BE PREMISED ON FINAL APPROVAL BY BUYER OR BY BUYER'S RELIANCE ON ARCHITECTS, ENGINEERS, OR OTHER THIRD PARTIES RATHER THAN ON SELLER'S INTERPRETATION. TO THE EXTENT NOT PROHIBITED BY APPLICABLE LAW, IN NO EVENT, WHETHER IN CONTRACT, WARRANTY, INDEMNITY, TORT (INCLUDING, BUT NOT LIMITED TO, NEGLIGENCE), STRICT LIABILITY OR OTHERWISE, ARISING DIRECTLY OR INDIRECTLY OUT OF THE PERFORMANCE OR BREACH OF THESE TERMS, SHALL SELLER BE LIABLE FOR (a) ANY INCIDENTAL, INDIRECT, PUNITIVE, SPECIAL, CONSEQUENTIAL OR SIMILAR DAMAGES SUCH AS LOSS OF USE, LOST PROFITS, ATTORNEYS' FEES OR DELAY DAMAGES, EVEN IF SUCH DAMAGES WERE FORESEEABLE OR CAUSED BY SELLER'S BREACH OF THIS AGREEMENT, (b) ANY CLAIM THAT PROPERLY IS A CLAIM AGAINST THE MANUFACTURER, OR (c) ANY AMOUNT EXCEEDING THE AMOUNT PAID TO SELLER FOR GOODS FURNISHED TO BUYER WHICH ARE THE SUBJECT OF SUCH CLAIM(S). ALL CLAIMS MUST BE BROUGHT WITHIN ONE YEAR OF ACCRUAL OF A CAUSE OF ACTION.

6. Buyer shall indemnify, defend, and hold Seller its officers, directors, employees and agents harmless from any and all costs (including attorneys' and accountants' fees and expenses), liabilities and damages resulting from or related to any third party (including Buyer's employees) claim, complaint and/or judgment arising from Buyer's use of any goods furnished hereunder, as well as any negligent, intentional, or tortious act or omission of Buyer or any material breach by Buyer of these Terms.

7. When goods are delivered to Buyer in Seller's own vehicles, the F.O.B. point shall be Buyer's designated delivery site. In all other cases the F.O.B. point shall be Seller's store or warehouse and all responsibility and costs of shipping and delivery beyond the applicable F.O.B. point shall be borne by Buyer. Title and risk of loss shall pass to Buyer at the applicable F.O.B. point, which for goods not delivered in Seller's own vehicles shall be when Seller delivers the goods to the common carrier. All claims for shortage of goods or for loss or damage to goods as to which Seller has the risk of loss shall be waived unless Buyer, within 10 calendar days after receipt of the short or damaged shipment, gives Seller written notice fully describing the alleged shortage or damage. Partial shipments are permitted at Seller's discretion.

8. Any change in product specifications, quantities, destinations, shipping schedules, or any other aspect of the scope of goods must be agreed to in writing by Seller, and may result in a price and delivery adjustment by Seller. No credit for goods returned by Buyer shall be given without Seller's written authorization. All returns are subject to a restocking charge.

9. Unless otherwise agreed in writing, payment terms are net 30 days from delivery, payable in United States of America ("U.S.") dollars. Notwithstanding the foregoing, all orders are subject to Seller's continuing approval of Buyer's credit. If Buyer's credit is not approved or becomes unsatisfactory to Seller then Seller, in its sole discretion, may suspend or cancel performance, or require different payment terms, including but not limited to cash on delivery or in advance of shipment. In addition, Seller may in its discretion require an advance deposit of up to 100% of Seller's selling price for any specially manufactured goods ordered by Buyer hereunder. Payments due hereunder shall be made in the form of cash, check, or money order, or other tender approved in writing by Seller. Seller may, in its sole discretion, apply Buyer's payment against any open charges. Past due accounts bear interest at the lesser of 1.5% per month or the maximum rate permitted by applicable law, continuing after Seller obtains judgment against Buyer. Seller may exercise setoff or recoupment to apply to or satisfy Buyer's outstanding debt. Buyer shall have no right of setoff hereunder, the same being expressly waived hereby.

10. Buyer shall not export or re-export, directly or indirectly, all or any part of the goods or related technology obtained from Seller under these Terms except in accordance with applicable export laws and regulations of the U.S. Further, a Buyer that is a non-U.S. company or citizen shall similarly limit any export or re-export activity to that which would be deemed compliant with U.S. export laws and regulations if performed by a U.S. company or citizen.

11. Buyer shall pay Seller all costs and expenses of collection, suit, or other legal action brought as a result of the commercial relationship between them, including, but not limited to, all actual attorneys' and paralegals' fees, and collection costs, incurred pre-suit, through trial, on appeal, and in any administrative or bankruptcy proceedings. Any cause of action that Seller has against Buyer may be assigned without Buyer's consent to HD Supply, Inc. or to any affiliate, parent or subsidiary of HD Supply, Inc.

12. This Agreement, Buyer's account, and the business relationship between Buyer and Seller shall be governed by and construed in accordance with the laws of Georgia without regard to conflicts of laws rules, and specifically excluding the UN Convention on Contracts for the International Sale of Goods. The Parties agree that any legal action arising under or related to this Agreement shall be brought in Cobb County, Georgia, and any right to object to such venue or to assert the inconvenience of such forum is hereby waived.

13. If Buyer fails to comply with these Terms, Seller may terminate or restrict any order immediately upon notice to Buyer. Buyer certifies that it is solvent and that it will advise Seller immediately if it becomes insolvent. Buyer agrees to send Seller written notice of any changes in the form of ownership of Buyer's business within 5 days of such changes. Buyer and Seller are the only intended beneficiaries of this document, and there are no third party beneficiaries.

14. The invalidity or unenforceability of all or part of these Terms will not affect the validity or enforceability of the other terms. The parties agree to replace any void or unenforceable term with a new term that achieves substantially the same practical and economic effect and is valid and enforceable.

15. The following provisions shall survive termination, cancellation and completed performance of this Agreement as long as necessary to allow the aggrieved party to fully enforce such clauses: 5, 6, 9, 10, 11 and 12.

# C

## Statement Covering Contract Work

Texas Department of Transportation
Form ROW-U-48
(Rev. 06/12)
Page 1 of 1

# STATEMENT COVERING UTILITY CONSTRUCTION CONTRACT WORK
(AS APPEARING IN ESTIMATE)

U-Number: U13697

ROW CSJ Number: 0669-01-052, 0862-01-046 District: Pharr

County: Hidalgo Highway No.: FM681 FM2221

Federal Project No.: STP 1102(024) MM, STP 1102 (26) MM

I, Sherilyn Dahlberg, a duly authorized and qualified representative of Sharyland Water Supply Corporation, hereinafter referred to as **Owner**, am fully cognizant of the facts and make the following statements in respect to work which will or may be done on a contract basis as appears in the estimate to which this statement is attached.

It is more economical and/or expedient for **Owner** to contract this adjustment, or **Owner** is not adequately staffed or equipped to perform the necessary work on this project with its own forces to the extent as indicate on the estimate.

Procedure to be Used in Contracting Work

☐ A. Solicitation for 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.

☐ B. Solicitation for bids is to be accomplished by circulating to a list of pre-qualified contractors or known qualified contractors and such 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. Such presently known contractors are listed below:

1.
2.
3.
4.
5.

☒ C. The work is to be performed under an existing continuing contract under which certain work is regularly performed for **Owner** and under which the lowest available costs are developed. (If only part of the contract work is to be done under an existing contract, give detailed information by attachment hereto.)

☐ D. The utility proposes to contract outside the foregoing requirements and therefore evidence in support of its proposal is attached to the estimate in order to obtain the concurrence of the State, and the Federal Highway Administration Division Engineer where applicable, prior to taking action thereon (approval of the agreement shall be considered as approval of such proposal).

☐ E. The utility plans and specifications, with the consent of the State, will be included in the construction contract awarded by the State.

Signature

Title: General Manager

Date: 7-8-2013

*U48*

# Attachment B

Price List from Pre-Qualified Retained Contractor

# 3F UTILITY CONSTRUCTION, INC.

5114 NORTH INSPIRATION ROAD
MISSION, TEXAS 78572-9654
(956) 585-3477 FAX (956) 585-2928

June 27, 2012

Attention: Sherilyn Dahlberg
Sharyland Water Supply Corporation

Reference: New Price List; Effective July 2, 2012

In accordance with the specifications of the Sharyland Water Supply Corporation, and the existing Service Agreement, the following are the New Prices. This prices reflect our scope of work services that we are currently providing.

## I. Meter Installations and bores for Meter ONLY

| | New Price |
|---|---|
| 1. Meters (3/4" or 1") Linseside or Crossover | $ 100.00 |
| 2. Dirt Road Crossing | $ 200.00 |
| 3. Meter Removals | $ 130.00 |
| 4. County Bores for Meters; 2"x40'x$12.50 | $ 500.00 |
| 5. State Bores for Meters; 2"x50'x$12.00 | $ 600.00 |
| 6. Meter Relocations Adjustment (to New ROW or Fence Modifications) | $ 200.00 |
| 7. ¾' Or 1" Backflow Preventers | $ 150.00 |
| 8. 2" or 4" Backflow Preventers | $ 220.00 |

## II. Breaks and Crew Response

| | |
|---|---|
| 1. Crew Response, less then 1 Hour | $ 180.00 |
| 2. Crew Response, over 1 Hour | $ 240.00 |
| 3. Crew Hour Rate, after Min 3 Hrs response | $ 75.00 |
| 4. Farm Tractor Response, (Min 3Hrs/ $45.00 per hour) | $ 200.00 |

## III. Subdivision Water Improvements

| | |
|---|---|
| 1. 2" Flush Valve, installed | $ 180.00 |
| 2. 1" Svc Connections Dual/Single/Lineside | $ 150.00 |
| 3. 1" Svc Connections Dual/Single/Across & Water Jetting | $ 200.00 |
| 4. PVC Casing for Mains on New Lines | |
| 4",6",8", & 10"xLength (40'x$12.00) | $ 450.00 |
| 5. 12",15", & 20"x Length (50'x$15.00) | $ 750.00 |
| 6. PVC Casing on Exist Water Mains | |
| 4",6",8",12", & 15"x Length (40x$16.00) | $ 640.00 |
| 7. Cast Iron Fittings | |
| 4", 6", & 8" Cast Iron Fittings, installed & Trust Blocking | $ 200.00 |
| 10", 12" & 16" Cast Iron Fittings, installed & Trust Blocking | $ 400.00 |
| 8. Pipe Installation (Cl #160 or C-900) | |
| Trench and Labor 2",4",6" & 8" | $ 4.00 |
| Trench and Labor 10", & 12" | $ 6.00 |
| Trench and Labor 16" | $ 9.00 |
| 9. Steel Casing 12",18" & 20" | $ 20.00 |
| 10. Fire Hydrants (1ea-5ea) | $ 500.00 |
| Fire Hydrants (5ea or more) | $ 450.00 |
| 11. Welding Truck (Min 3 Hrs) ($45.00 per after Response) | $ 180.00 |

Cont'd Pricing Page #2.

# 3F UTILITY CONSTRUCTION, INC.



5114 NORTH INSPIRATION ROAD
MISSION, TEXAS 78572-9654
(956) 585-3477 FAX (956) 585-2928

New Price

| | |
|---|---|
| 12. 2",4" & 6" MJ Cast Iron Gate Valves, W/Box, installed | $ 250.00 |
| 13. 8",10", & 12" MJ Cast Iron Gate Valves, W/Box, installed | $ 350.00 |
| 14. 16" MJ Cast Iron Gate Valve, W/box, installed | $ 450.00 |
| 15. Wet Tie-Ins | |
| 2", 4", 6", & 8" Wet Tie-ins | $ 300.00 |
| 10" and 12" Wet Tie-Ins | $ 400.00 |
| 16" Wet Tie-In | $ 500.00 |
| Machine Taps $50.00 per Inch | |
| 4"--$200.00, 6"--$300.00, & 8"--$400.00 | |
| 16. Bores for Mains less then 80 Ft. (Using Steel or PVC Casing) | |
| 4" Bore x Length | $ 26.00 |
| 6" Bore x Length | $ 28.00 |
| 8" Bore x Length | $ 30.00 |
| 12" Bore x Length | $ 34.00 |
| 14" Bore x Length | $ 36.00 |
| 16"& 18"x Length | $ 40.00 |
| 24"x Length | $ 46.00 |
| Note: Welding Charges by Danny Conde; Extra | |
| 17. Big Bore Longer than 80' to 100' (Bid by Others) | |
| 1 Crew W/Backhoe; assistance on Big Bore by Day | $ 750.00 |
| 1 Excavator W/Operator (per Day) | $ 500.00 |
| Hauling Charges by Fresno Construction | $ 400.00 |
| 18. Miscellaneous Work Improvements | |
| MJ CI Tapping Sleeves; 6", 8", & 10" | $ 400.00 |
| MJ CI Tapping Sleeves; 12" & 16" | $ 450.00 |
| 19. Meter Installations (Various Large Meter Installations) | |
| 2" Meter Installation | $ 350.00 |
| 4" Meter Installation | $ 450.00 |
| 6" Meter Installation | $ 475.00 |
| 20. Caliche Trench Condition (Added to Unit Price) | $ 8.00 |

3F Utility Construction Inc, will honor all quotes submitted by Sharyland Water Supply Corporation, until New Price List has been approved and accepted. New Price list effective upon approval.

Any other Water Improvements not listed or Projects that require prices, please call our office for review of that Project and submital of Prices for that Project not listed.

Submitted by: _____ Date: 6/27/2012

Reviewed by: _____ Date: 6/28/2012

Approved by: _____ Date: 6-28-2012

# D

Schedule

# Utility Schedule of Work

Start Date: September 3rd, 2013

Duration: 4 Months (120 calendar days)

Estimated Completion Date: January 10th, 2013

By: _____

Date: 8-1-2013

# E

## Proof of Property Interest

# Attachment C

Copy of Recorded Instruments

13309

VOL 1670 PAGE 967

THE STATE OF TEXAS )
COUNTY OF HIDALGO )

RIGHT OF WAY EASEMENT

KNOW ALL MEN BY THESE PRESENTS, That James T. Killelea and wife, Leah B. Killelea hereinafter called Grantors, in consideration of One Dollar and other good and valuable consideration paid by SHARYLAND WATER SUPPLY CORPORATION, hereinafter called Grantee, the receipt and sufficiency of which is hereby acknowledged, do hereby grant, bargain, sell and convey to Grantee, its successors and assigns, a perpetual easement with the right to erect, construct, install and lay and thereafter use, operate, inspect, repair, replace and remove, maintain, reconstruct and service a water line, water valves, hydrants, and other appurtenances to a water works system, including distributing lines and meters, over and across a tract of land owned by Grantors in Hidalgo County, Texas, described in deed recorded in Volume 1218 page 663, Deed Records, Hidalgo County, Texas, said tract and easement being more particularly described as follows:

an easement 15 feet wide west of and adjacent to the west right of way line of Lahoma Drive over and across the following described tract out of Block 1, La Homa Ranch Citrus Groves Subdivision, Unit No. 2, Hidalgo County, Texas, to-wit:

Lot 79

together with the right of ingress and egress over Grantor's adjacent lands for the purposes for which this easement is granted. In the event any water or drainage district right of way or any easement or obstruction is so located that in the judgment of Grantee, it is impracticable to locate said facilities within the right of way above designated, then Grantee is hereby authorized to designate the route of said right of way across Grantors' land not to exceed 15 feet in width, as near as practicable to the above designated right of way.

The consideration recited herein shall constitute full payment for all damages sustained by Grantors by reason of the installation of the facilities referred to herein, and Grantee will maintain such easement in a state of good repair and efficiency so no unreasonable damages will result from its use to Grantors' premises. This agreement, together with other provisions of this grant, shall constitute a covenant running with the land for the benefit of Grantee, its successors and assigns. The Grantors covenant that they are the owners of the above described lands.

The easement conveyed herein was obtained or improved through Federal financial assistance. This easement is subject to the provisions of Title VI of the Civil Rights Act of 1964, and the regulations issued pursuant thereto for so long as the easement continues to be used for the same or similar purposes for which financial assistance was extended or for so long as Grantee owns it, whichever is longer.

IN WITNESS WHEREOF Grantors have executed this instrument this 2nd day of April, 1980.

LEAH B. KILLELEA

JAMES T. KILLELEA

THE STATE OF TEXAS )
COUNTY OF HIDALGO )

Before me, the undersigned authority, on this day personally appeared Leah B. Killelea known to me to be the person(s) whose name(s) (is) (are) subscribed to the foregoing instrument and acknowledged to me that she executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 4 day of April, 1980.

Francis L. Killelea

Notary Public in and for Illinois County, Illinois La Salle

THE STATE OF TEXAS )
COUNTY OF HIDALGO )

Before me, the undersigned authority, on this day personally appeared JAMES T. KILLELEA known to me to be the person whose name(s) (is) (are) subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 22nd day of APRIL, 19XX80.

Notary Public in and for Hidalgo County, Texas JOHN R. BARRICK

Notary Public, in and for Hidalgo County, Texas
My Commission Expires 8-31-80

13309

FILED FOR RECORD THIS DATE
At 9:38 o'clock A M.

APR 26 1991

SANTOS SALDAÑA
County Clerk, Hidalgo County, Texas
By _____ Deputy

Return To:

JAMES W. JOHNSON
ATTORNEY AT LAW
P. O. BOX 2080
McALLEN, TEXAS 78501

VOL 1968 PAGE 104

63304

Mile 7 North
Parcel No. 24

UNITED STATES DEPARTMENT OF AGRICULTURE
Farmers Home Administration

RIGHT-OF-WAY EASEMENT

KNOW ALL MEN BY THESE PRESENTS, that VERNON CALHOUN, P.O. Box 709, Palestine, Texas 78501 (hereinafter called "Grantors"), for good and valuable consideration paid by SHARYLAND WATER SUPPLY CORPORATION, P.O. Box 868, Mission, Texas 78572 (hereinafter called "Grantee"), the receipt and sufficiency of which is hereby acknowledged, do hereby grant, bargain, sell, transfer, and convey to said Grantee, its successors, and assigns, a perpetual easement (the "Easement") with the right to erect, construct, install, and lay and thereafter use, operate, inspect, repair, maintain, replace, enlarge and remove water lines, valves, hydrants, meters, and other appurtenances to a water distribution system, together with the right of ingress and egress over Grantors' adjacent real property for the purposes for which this Easement is being granted. The Easement shall run over and across the real property (the "Property") described below:

> A tract of land owned by Grantors in Hidalgo County, Texas, described in deed recorded in Volume 1809, Page 478, Deed Records, Hidalgo County, Texas, said easement being a tract fifteen feet wide north of and adjacent to the north right-of-way line of Mile 7 North Road over and across the east one half of Lot 78 and all of Lot 79 of Block 3 of La Homa Ranch Citrus Groves Unit No. 2

The consideration recited herein shall constitute payment in full for all damages sustained by Grantors by reason of the installation of the water lines and appurtenances referred to herein. Grantee shall maintain the Easement in a state of good repair and efficiency so that no unreasonable damages will result from its use to Grantors' premises. This Agreement shall constitute a covenant running with the land for the benefit of the Grantee, its successors, and assigns. The Grantors covenant that they are the owners of the Property and that the Property is free and clear of all encumbrances and liens except those in favor of GLENN H. FANKHAUSER, c/o Texas State Bank, P.O. Box 4797, McAllen, Texas 78501.

GLENN H. FANKHAUSER, the holder of a lien upon the Property, has executed this Agreement to evidence its agreement that, notwithstanding any foreclosure under any document evidencing its lien to secure the payment of indebtedness owing to it, or any conveyance or reconveyance in lieu of such foreclosure and/or in cancellation of all or a portion of the indebtedness secured by such lien, there shall remain in full force and effect all of the provisions of this Agreement.

The Easement conveyed herein was obtained or improved through federal financial assistance. This Easement is subject to the provisions of Title VI of the Civil Rights Act of 1964 and the regulations issued pursuant thereto for so long as the Easement continues to be used for the same or similar purpose for which financial assistance was extended or for so long as the Grantee owns it, whichever is longer.

IN WITNESS WHEREOF, the said Grantors and Lienholder have executed this instrument this 20th day of December, 1983.

Vernon Calhoun
VERNON CALHOUN

Glenn Fankhauser
GLENN H. FANKHAUSER

VOL 1968 PAGE 105

ACKNOWLEDGMENT

STATE OF TEXAS §
§
COUNTY OF ANDERSON §

This instrument was acknowledged before me on the 6 TH day of MARCH, 1984, by VERNON CALHOUN.

My Commission Expires:
3-31-85

Dixie Shugars
NOTARY PUBLIC, STATE OF TEXAS
Dixie Shugars

ACKNOWLEDGMENT

STATE OF TEXAS §
§
COUNTY OF Hidalgo §

This instrument was acknowledged before me on the 15 day of March, 1984, by GLENN H. FANKHAUSER.

My Commission Expires:
14 Sept 1985

NOTARY PUBLIC STATE OF TEXAS

Howard W. Cole
NOTARY PUBLIC, STATE OF TEXAS

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63304

FILED FOR RECORD

2004 APR 19 AM 10:03

J. EDGAR RUIZ
COUNTY CLERK
HIDALGO COUNTY, TEXAS

VOL 2077 PAGE 172

97731

Mile 7
Parcel No. 6

UNITED STATES DEPARTMENT OF AGRICULTURE
Farmers Home Administration

RIGHT-OF-WAY EASEMENT

KNOW ALL MEN BY THESE PRESENTS, that VIRGINIA BOEYE CHRISTIAN, 515 Houston Street, McAllen, Texas 78501 and RICHARD A. BOEYE, 9601 McAllister Freeway, Gill Plaza, Suite 550, San Antonio, Texas 78216 (hereinafter called "Grantors"), for good and valuable consideration paid by SHARYLAND WATER SUPPLY CORPORATION, P.O. Box 868, Mission, Texas 78572 (hereinafter called "Grantee"), the receipt and sufficiency of which is hereby acknowledged, do hereby grant, bargain, sell, transfer, and convey to said Grantee, its successors and assigns, a perpetual easement (the "Easement") with the right to erect, construct, install, and lay and thereafter use, operate, inspect, repair, maintain, replace, enlarge and remove water lines, valves, hydrants, meters, and other appurtenances to a water distribution system, together with the right of ingress and egress over Grantors' adjacent real property for the purposes for which this Easement is being granted. The Easement shall run over and across the real property (the "Property") described below:

> A 15 foot wide strip of property lying north of and adjacent to the north right-of-way line of Mile 7 North Road, over and across that property owned by Grantors out of Lot 81, Block 4, La Homa Ranch Citrus Groves Subdivision, Unit No. 2, Hidalgo County, Texas as described in deed recorded in Volume 772, Page 45-46, Deed Records, Hidalgo County, Texas.

The consideration recited herein shall constitute payment in full for all damages sustained by Grantors by reason of the installation of the water lines and appurtenances referred to herein. Grantee shall maintain the Easement in a state of good repair and efficiency so that no unreasonable damages will result from its use to Grantors' premises. This Agreement shall constitute a covenant running with the land for the benefit of the Grantee, its successors, and assigns. The Grantors covenant that they are the owners of the Property and that the Property is free and clear of all encumbrances.

The Easement conveyed herein was obtained or improved through federal financial assistance. This Easement is subject to the provisions of Title VI of the Civil Rights Act of 1964 and the regulations issued pursuant thereto for so long as the Easement continues to be used for the same or similar purpose for which financial assistance was extended or for so long as the Grantee owns it, whichever is longer.

IN WITNESS WHEREOF, the said Grantor has executed this instrument this 19th day of November, 1984.

RICHARD A. BOEYE

IN WITNESS WHEREOF, the said Grantor has executed this instrument this 26th day of November, 1984.

Witnesses:

VIRGINIA BOEYE CHRISTIAN

ACKNOWLEDGMENT

STATE OF TEXAS §
§
COUNTY OF BEXAR §

This instrument was acknowledged before me on the 19th day of November, 1984, by RICHARD A. BOEYE

My Commission Expires:

10-10-88

NOTARY PUBLIC, STATE OF TEXAS

ACKNOWLEDGMENT

STATE OF TEXAS §
§
COUNTY OF HIDALGO §

This instrument was acknowledged before me on the 26th day of November, 1984, by VIRGINIA BOEYE CHRISTIAN

My Commission Expires:

NOTARY PUBLIC, STATE OF TEXAS

REBECCA J. CADE, Notary Public
In and for the State of Texas
My Commission expires 2/4/87

VOL 2077 PAGE 174

97731

FILED FOR RECORD
'85 JAN 3 PM 1
J. EDGAR RUIZ
COUNTY CLERK
HIDALGO COUNTY, TEXAS

After recording return to:

Mr. Robert Geissler
Ewers & Toothaker
P. O. Box 3670
McAllen, TX 78502

# RIGHT OF WAY EASEMENT

675923

KNOW ALL MEN BY THESE PRESENTS, THAT Holbrook Enterprises Ltd. (HEREINAFTER CALLED "GRANTOR"), IN CONSIDERATION OF ONE DOLLAR ($1.00) AND OTHER GOOD AND VALUABLE CONSIDERATION PAID BY SHARYLAND WATER SUPPLY CORPORATION, (HEREINAFTER CALLED "GRANTEE"), THE RECEIPT AND SUFFICIENCY OF WHICH IS HEREBY ACKNOWLEDGED, DO HEREBY GRANT, BARGAIN, SELL, TRANSFER, AND CONVEY TO SAID GRANTEE, ITS SUCCESSORS, AND ASSIGNS, A PERPETUAL EASEMENT WITH THE RIGHT TO ERECT, CONSTRUCT, INSTALL AND LAY AND THEREAFTER USE, OPERATE, INSPECT, REPAIR, MAINTAIN, REPLACE, AND REMOVE WATER TRANSMISSION AND DISTRIBUTION LINES, METERS AND APPURTENANCES OVER AND ACROSS A TRACT OF LAND OWNED BY GRANTOR IN HIDALGO COUNTY, TEXAS AS DESCRIBED IN VOLUME 1493, PAGE 915, OFFICIAL RECORDS, HIDALGO COUNTY, TEXAS. SAID PROPERTY AND EASEMENT MORE PARTICULARLY DESCRIBED AS FOLLOWS:

*An easement fifteen feet wide, South of and adjacent to the South Right-of-Way line of F. M. 681, over and across Lot 55, E.M. Goodwin Subdivision #3, Hidalgo County, Texas.*

THE CONSIDERATION RECITED HEREIN SHALL CONSTITUTE PAYMENT IN FULL FOR ALL DAMAGES SUSTAINED BY GRANTORS BY REASON OF THE INSTALLATION OF THE STRUCTURES REFERRED TO HEREIN AND THE GRANTEE WILL MAINTAIN SUCH EASEMENT IN A STATE OF GOOD REPAIR AND EFFICIENCY SO THAT NO UNREASONABLE DAMAGES WILL RESULT FROM ITS USE TO GRANTORS' PREMISES. THIS AGREEMENT TOGETHER WITH OTHER PROVISIONS OF THIS GRANT SHALL CONSTITUTE A COVENANT RUNNING WITH THE LAND FOR THE BENEFIT OF THE GRANTEE, ITS SUCCESSORS, AND ASSIGNS. THE GRANTORS COVENANT THAT THEY ARE THE OWNERS OF THE ABOVE-DESCRIBED LANDS AND THAT SAID LANDS ARE FREE AND CLEAR OF ALL ENCUMBRANCES AND LIENS EXCEPT THE FOLLOWING:

*EASEMENTS AND RESERVATIONS AS MAY APPEAR ON THE RECORDED PLAT AND DEDICATION OF SUBDIVISION.*

IN WITNESS WHEREOF THE SAID GRANTORS HAVE EXECUTED THIS INSTRUMENT THIS 7th DAY OF May 19 98.

Don R. Holbrook 5290 1236
DON R. HOLBROOK SOC. SEC. #

## ACKNOWLEDGMENT

STATE OF Texas COUNTY OF Hidalgo

BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, ON THIS DAY PERSONALLY APPEARED Don R. Holbrook KNOWN TO ME TO BE THE PERSON(S) WHOSE NAME(S) IS (ARE) SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE (SHE) (THEY) EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS THE 7th DAY OF May, 1998.

Leticia Mexicano
NOTARY PUBLIC IN AND FOR THE
STATE OF Texas
COUNTY OF Hidalgo
MY COMMISSION EXPIRES 2/9/02

LETICIA MEXICANO
Notary Public,
State of Texas My
Comm. Exp. 02-09-2002

Filed for Record in:
Hidalgo County, Texas
by Jose Eloy Pulido
County Clerk

On: May 08,1998 at 10:29A

As a
Recording

Document Number: 675923
Total Fees : 9.00

Receipt Number - 149129
By,
Flo Chavez

VOL 2016 PAGE 836

78553

Mile 7 North
Parcel No. 5

UNITED STATES DEPARTMENT OF AGRICULTURE
Farmers Home Administration

RIGHT-OF-WAY EASEMENT

KNOW ALL MEN BY THESE PRESENTS, that ISAIAS GONZALEZ ~~and wife, DOLORES GONZALEZ~~, Route 6, Box 145-L, Mission, Texas 78572 (hereinafter called "Grantors"), for good and valuable consideration paid by SHARYLAND WATER SUPPLY CORPORATION, P.O. Box 868, Mission, Texas 78572 (hereinafter called "Grantee"), the receipt and sufficiency of which is hereby acknowledged, do hereby grant, bargain, sell, transfer, and convey to said Grantee, its successors, and assigns, a perpetual easement (the "Easement") with the right to erect, construct, install, and lay and thereafter use, operate, inspect, repair, maintain, replace, enlarge and remove water lines, valves, hydrants, meters, and other appurtenances to a water distribution system, together with the right of ingress and egress over Grantors' adjacent real property for the purposes for which this Easement is being granted. The Easement shall run over and across the real property (the "Property") described below:

> A tract of land owned by Grantors in Hidalgo County, Texas, described in deed recorded in Volume 1552, Page 546, Deed Records, Hidalgo County, Texas, said easement being a tract fifteen feet wide north of and adjacent to the north right-of-way line of Mile 7 North Road over and across Lot 56, E. M. Goodwin Subdivision 3-A, Hidalgo County, Texas

The consideration recited herein shall constitute payment in full for all damages sustained by Grantors by reason of the installation of the water lines and appurtenances referred to herein. Grantee shall maintain the Easement in a state of good repair and efficiency so that no unreasonable damages will result from its use to Grantors' premises. This Agreement shall constitute a covenant running with the land for the benefit of the Grantee, its successors, and assigns. The Grantors covenant that they are the owners of the Property and that the Property is free and clear of all encumbrances and ~~liens except those in favor of EMERY OWENS, c/o J. Perry Jones, P.O. Box 2205, McAllen, Texas 78501~~.

~~EMERY OWENS, the holder of a lien upon the Property, has executed this Agreement to evidence its agreement that, notwithstanding any foreclosure under any document evidencing its lien to secure the payment of indebtedness owing to it, or any conveyance or reconveyance in lieu of such foreclosure and/or in cancellation of all or a portion of the indebtedness secured by such lien, there shall remain in full force and effect all of the provisions of this Agreement.~~

The Easement conveyed herein was obtained or improved through federal financial assistance. This Easement is subject to the provisions of Title VI of the Civil Rights Act of 1964 and the regulations issued pursuant thereto for so long as the Easement continues to be used for the same or similar purpose for which financial assistance was extended or for so long as the Grantee owns it, whichever is longer.

IN WITNESS WHEREOF, the said Grantors and Lienholder have executed this instrument this 20th day of December, 1983.

Isaias Gonzalez
ISAIAS GONZALEZ

~~DOLORES GONZALEZ~~

~~EMERY OWENS~~

ACKNOWLEDGMENT

STATE OF TEXAS §
§
COUNTY OF Hidalgo §

This instrument was acknowledged before me on the 10 day of July, 1984, by ISAIS GONZALEZ.

My Commission Expires:

14 Sept 1985

Howard W. Cole
NOTARY PUBLIC, STATE OF TEXAS

VOL 2016 PAGE 838

28553

FILED FOR RECORD

'04 AUG 7 PM 1 42

J. EDGAR RUIZ
COUNTY CLERK
HIDALGO COUNTY, TEXAS

After recording return to:

Robert Geissler

EWERS & TOOTHAKER
P.O. BOX 3670
McALLEN, TEXAS 78501

69209

Inspiration Road
Parcel No. 2

VOL 1987 PAGE 57

UNITED STATES DEPARTMENT OF AGRICULTURE
Farmers Home Administration

RIGHT-OF-WAY EASEMENT

KNOW ALL MEN BY THESE PRESENTS, that ISIAS GONZALEZ ~~and wife, DOLORES GONZALEZ~~, Route 6, Box 145-~~B~~, Mission, Texas 78572 (hereinafter called "Grantors"), for good and valuable consideration paid by SHARYLAND WATER SUPPLY CORPORATION, P.O. Box 868, Mission, Texas 78572 (hereinafter called "Grantee"), the receipt and sufficiency of which is hereby acknowledged, do hereby grant, bargain, sell, transfer, and convey to said Grantee, its successors, and assigns, a perpetual easement (the "Easement") with the right to erect, construct, install, and lay and thereafter use, operate, inspect, repair, maintain, replace, enlarge and remove water lines, valves, hydrants, meters, and other appurtenances to a water distribution system, together with the right of ingress and egress over Grantors' adjacent real property for the purposes for which this Easement is being granted. The Easement shall run over and across the real property (the "Property") described below:

> A tract of land owned by Grantors in Hidalgo County, Texas, described in deed recorded in Volume 1552, Page 546, Deed Records, Hidalgo County, Texas, said easement being a tract fifteen feet wide west of and adjacent to the west right-of-way line of Inspiration Road over and across Lots 56 and 57, E. M. Goodwin Subdivision 3-A, Hidalgo County, Texas

The consideration recited herein shall constitute payment in full for all damages sustained by Grantors by reason of the installation of the water lines and appurtenances referred to herein. Grantee shall maintain the Easement in a state of good repair and efficiency so that no unreasonable damages will result from its use to Grantors' premises. This Agreement shall constitute a covenant running with the land for the benefit of the Grantee, its successors, and assigns. The Grantors covenant that they are the owners of the Property and that the Property is free and clear of all encumbrances and liens ~~except those in favor of EMERY OWENS, c/o Jones & Lewis, P.O. Box 2385, McAllen, Texas 78501~~.

~~EMERY OWENS, the holder of a lien upon the Property, has executed this Agreement to evidence its agreement that, notwithstanding any foreclosure under any document evidencing its lien to secure the payment of indebtedness owing to it, or any conveyance or reconveyance in lieu of such foreclosure and/or in cancellation of all or a portion of the indebtedness secured by such lien, there shall remain in full force and effect all of the provisions of this~~ Agreement.

The Easement conveyed herein was obtained or improved through federal financial assistance. This Easement is subject to the provisions of Title VI of the Civil Rights Act of 1964 and the regulations issued pursuant thereto for so long as the Easement continues to be used for the same or similar purpose for which financial assistance was extended or for so long as the Grantee owns it, whichever is longer.

IN WITNESS WHEREOF, the said Grantors and Lienholder have executed this instrument this 20th day of December, 1983.

Isias Gonzalez
ISIAS GONZALEZ

~~DOLORES GONZALEZ~~

~~EMERY OWENS~~

VOL 1987 PAGE 58

ACKNOWLEDGMENT

STATE OF TEXAS $
$
COUNTY OF HIDALGO $

This instrument was acknowledged before me on the 21 day of May, 1984, by ISIAS GONZALEZ.

My Commission Expires:

14 Sept. 1985

Howard W. Cole
NOTARY PUBLIC, STATE OF TEXAS

~~ACKNOWLEDGMENT~~

~~STATE OF TEXAS $~~
~~$~~
~~COUNTY OF _____ $~~

~~This instrument was acknowledged before me on the _____ day of _____, 19____, by DOLORES GONZALES.~~

~~My Commission Expires:~~

~~_____~~
~~NOTARY PUBLIC, STATE OF TEXAS~~

~~ACKNOWLEDGMENT~~

~~STATE OF TEXAS $~~
~~$~~
~~COUNTY OF _____ $~~

~~This instrument was acknowledged before me on the _____ day of _____, 19____, by HENRY OWENS.~~

~~My Commission Expires:~~

~~_____~~
~~NOTARY PUBLIC, STATE OF TEXAS~~

AFTER RECORDING RETURN TO:

Robert Geissler

EWERS & TOOTHAKER
P.O. BOX 3670
McAllen, TEXAS 78501

FILED FOR RECORD
1994 MAY 31 AM 8:35
J. ESTEBAN RUIZ
DEPUTY CLERK
HIDALGO COUNTY, TEXAS

69209

31940

INSPIRATION ROAD
Parcel No. 3

THE STATE OF TEXAS )
COUNTY OF HIDALGO )

RIGHT OF WAY EASEMENT

KNOW ALL MEN BY THESE PRESENTS, That Don R. Holbrook

hereinafter called Grantors, in consideration of One Dollar and other good and valuable consideration paid by SHARYLAND WATER SUPPLY CORPORATION, hereinafter called Grantee, the receipt and sufficiency of which is hereby acknowledged, do hereby grant, bargain, sell and convey to Grantee, its successors and assigns, a perpetual easement with the right to erect, construct, install and lay and thereafter use, operate, inspect, repair, replace and remove, maintain, reconstruct and service a water line, water valves, hydrants, and other appurtenances to a water works system, including distributing lines and meters, over and across a tract of land owned by Grantors in Hidalgo County, Texas, described in deed recorded in Volume 1493 page 915, Deed Records, Hidalgo County, Texas, said tract and easement being more particularly described as follows:
An easement 15 feet wide west of and adjacent to the west right of way line of Inspiration Road over and across

Lots 52, 53, 54 and 55, E. M. Goodwin Subdivision 3-A,
Hidalgo County, Texas

together with the right of ingress and egress over Grantor's adjacent lands for the purposes for which this easement is granted. In the event any water or drainage district right of way or any easement or obstruction is so located that in the judgment of Grantee, it is impracticable to locate said facilities within the right of way above designated, then Grantee is hereby authorized to designate the route of said right of way across Grantors' land not to exceed 15 feet in width, as near as practicable to the above designated right of way.

The consideration recited herein shall constitute full payment for all damages sustained by Grantors by reason of the installation of the facilities referred to herein, and Grantee will maintain such easement in a state of good repair and efficiency so no unreasonable damages will result from its use to Grantors' premises. This agreement, together with other provisions of this grant, shall constitute a covenant running with the land for the benefit of Grantee, its successors and assigns. The Grantors covenant that they are the owners of the above described lands.

The easement conveyed herein was obtained or improved through Federal financial assistance. This easement is subject to the provisions of Title VI of the Civil Rights Act of 1964, and the regulations issued pursuant thereto for so long as the easement continues to be used for the same or similar purposes for which financial assistance was extended or for so long as Grantee owns it, whichever is longer.

IN WITNESS WHEREOF Grantors have executed this instrument this 19th day of September, 1978.

Don R. Holbrook

Don R. Holbrook

THE STATE OF TEXAS )
COUNTY OF HIDALGO )

Before me, the undersigned authority, on this day personally appeared Don R. Holbrook

known to me to be the person(s) whose name(s) (is) (are) subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 19 day of September, ~~1978~~ 1979.

Minerva O. Diaz

Notary Public in and for Hidalgo County, Texas

MINERVA O. DIAZ

THE STATE OF TEXAS )
COUNTY OF HIDALGO )

Before me, the undersigned authority, on this day personally appeared

known to me to be the person(s) whose name(s) (is) (are) subscribed to the foregoing instrument and acknowedged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____, 1978.

Notary Public in and for Hidalgo County, Texas

31940

FILED FOR RECORD THIS DATE
At 2:50 o'clock P. M.

OCT 10 1979

SANTOS SALDANA
County Clerk, Hidalgo County, Texas
By _____ Deputy

JAMES W. JOHNSON
ATTORNEY AT LAW
P. O. BOX 2080
McALLEN, TEXAS 78501

# RIGHT OF WAY EASEMENT 677997

KNOW ALL MEN BY THESE PRESENTS, THAT Holbrook Enterprises Ltd. (HEREINAFTER CALLED "GRANTOR"), IN CONSIDERATION OF ONE DOLLAR ($1.00) AND OTHER GOOD AND VALUABLE CONSIDERATION PAID BY SHARYLAND WATER SUPPLY CORPORATION, (HEREINAFTER CALLED "GRANTEE"), THE RECEIPT AND SUFFICIENCY OF WHICH IS HEREBY ACKNOWLEDGED, DO HEREBY GRANT, BARGAIN, SELL, TRANSFER, AND CONVEY TO SAID GRANTEE, ITS SUCCESSORS, AND ASSIGNS, A PERPETUAL EASEMENT WITH THE RIGHT TO ERECT, CONSTRUCT, INSTALL AND LAY AND THEREAFTER USE, OPERATE, INSPECT, REPAIR, MAINTAIN, REPLACE, AND REMOVE WATER TRANSMISSION AND DISTRIBUTION LINES, METERS AND APPURTENANCES OVER AND ACROSS A TRACT OF LAND OWNED BY GRANTOR IN HIDALGO COUNTY, TEXAS AS DESCRIBED IN VOLUME 1493, PAGE 915, OFFICIAL RECORDS, HIDALGO COUNTY, TEXAS. SAID PROPERTY AND EASEMENT MORE PARTICULARLY DESCRIBED AS FOLLOWS:

*An easement five feet wide, West of and adjacent to the fifteen foot easement recorded in Volume 1643, Pages 37-38, October 15, 1979, across Lots 52, 53, 54, and 55, E.M. Goodwin Subdivision #3, Deed Records, Hidalgo County, Texas.*

THE CONSIDERATION RECITED HEREIN SHALL CONSTITUTE PAYMENT IN FULL FOR ALL DAMAGES SUSTAINED BY GRANTORS BY REASON OF THE INSTALLATION OF THE STRUCTURES REFERRED TO HEREIN AND THE GRANTEE WILL MAINTAIN SUCH EASEMENT IN A STATE OF GOOD REPAIR AND EFFICIENCY SO THAT NO UNREASONABLE DAMAGES WILL RESULT FROM ITS USE TO GRANTORS' PREMISES. THIS AGREEMENT TOGETHER WITH OTHER PROVISIONS OF THIS GRANT SHALL CONSTITUTE A COVENANT RUNNING WITH THE LAND FOR THE BENEFIT OF THE GRANTEE, ITS SUCCESSORS, AND ASSIGNS. THE GRANTORS COVENANT THAT THEY ARE THE OWNERS OF THE ABOVE-DESCRIBED LANDS AND THAT SAID LANDS ARE FREE AND CLEAR OF ALL ENCUMBRANCES AND LIENS EXCEPT THE FOLLOWING:

*EASEMENTS AND RESERVATIONS AS MAY APPEAR ON THE RECORDED PLAT AND DEDICATION OF SUBDIVISION.*

IN WITNESS WHEREOF THE SAID GRANTORS HAVE EXECUTED THIS INSTRUMENT THIS 15th DAY OF May 19 98.

Don R. Holbrook 529-30-1236
DON R. HOLBROOK SOC. SEC. #

## ACKNOWLEDGMENT

STATE OF TEXAS COUNTY OF Hidalgo

BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR SAID COUNTY AND STATE, ON THIS DAY PERSONALLY APPEARED Don. R. Holbrook KNOWN TO ME TO BE THE PERSON(S) WHOSE NAME(S) IS (ARE) SUBSCRIBED TO THE FOREGOING INSTRUMENT, AND ACKNOWLEDGED TO ME THAT HE (SHE) (THEY) EXECUTED THE SAME FOR THE PURPOSES AND CONSIDERATION THEREIN EXPRESSED.

GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS THE 15th DAY OF May, 1998.

Oralia P. Salinas
NOTARY PUBLIC IN AND FOR THE
STATE OF TEXAS
COUNTY OF Hidalgo
MY COMMISSION EXPIRES 02-23-2002

ORALIA P. SALINAS
Notary Public,
State of Texas My
Comm. Exp. 02-23-2002

Filed for Record in:
Hidalgo County, Texas
by Jose Eloy Pulido
County Clerk

On: May 15,1998 at 03:17P

As a
Recording

Document Number: 677997
Total Fees : 9.00

Receipt Number - 150765
By,
Flo Chavez

# F

Eligibility Ratio

Utility: Sharyland Water Supply Corporation
Project: FM 681/ FM 2221
RCSJ: 0669-01-052 and 0862-01-046
Federal Project No.: STP 1102(024)MM and STP 1102(26) MM

| Segment | RCSJ | Relocation From | Relocation To | In Private Easement, ft | In Public R.O.W., ft | Compensable Length, ft | Total Relocation Length, ft. |
|---|---|---|---|---|---|---|---|
| 4" PVC | 0862-01-046 | 7+00 | 7+49 | 49.00 | 0.00 | 49.00 | 49.00 |
| 8" PVC | 0669-01-052 | 392+10 | 398+63 | 211.00 | 628.00 | 211.00 | 839.00 |
| 12" PVC | 0669-01-052 | 384+92.33 | 398+63 | 1,296.84 | 70.83 | 1,296.84 | 1,367.67 |
| | | | | | Total Length | 1,556.84 | 2,255.67 |

$$ER = \frac{\text{Total Compensable Leng}}{\text{Total Relocation Length}} \times 100\% \qquad \textbf{69.02\%}$$

Prepared by: Alfonso A. Gonzalez, P.E.

Date: 7/26/13

# G

Cost Comparison

# Cost Comparison and Betterment

The cost comparison between the single 16" waterline crossing proposed in Sheet 6 of the Plans of Adjustment versus a double crossing; an 8" and 12" can be found attached as Exhibits G1 and G2 respectively. The total estimated construction cost to install a single 16" waterline crossing as proposed in Sheet 6 of the Plans of Adjustment is $60,848.11 versus $63,820.69 to construct the double crossing as presented in Exhibit G3. The location of the crossing, STAT 396+00, was assigned by the design engineer for RCSJ Project No. 0669-01-052. The re-route was designed to avoid conflict with the proposed storm drainage trunk main pipe-line.

In round numbers, the single 16" waterline crossing will be $3,000.00 more economical than the double crossing. A single waterline will bring about benefits as maximization of the road right of way (real estate) utilization. No betterment credit will be applied to the Total Estimated Construction Cost.

Prepared by: Alfonso A. Gonzalez, P.E.

Date: 7/26/13

# EXHIBIT G1

## COST COMPARISON SINGLE 16" WATER LINE

Entity: Sharyland Water Supply Corporation
Date: 07/25/13
Descr: **Sheet 6 of the Plans**; Single 16 Waterline Bored Across FM 681/FM 2221 on West Side of Inspiration Rd. - CSJ No 0669-01-052
Eng.: Sigler, Winston, Greenwood & Associates
Alfonso Gonzalez, P.E.
**SWG File 12 - 114**

| Item No. | Description | Quantity | Unit | *Labor | Material | Total Cost |
|---|---|---|---|---|---|---|
| 1 | 12" AWWA C502 Resilient Seat Gate Valve and Box | 1 | EA | $350.00 | $1,745.10 | $2,095.10 |
| 2 | 12" AWWA C219 Repair Coupling | 1 | EA | $400.00 | $323.06 | $723.06 |
| 3 | 16" X 12" AWWA C153 Reducer | 2 | EA | $400.00 | $471.14 | $1,742.28 |
| 4 | 24" I.D. X 3/8" thick Steel Casing Bored Including 16" PVC Pipe and Supports ..... | 122 | LF | $99.45 | $80.14 | $21,909.98 |
| 5 | 16" PVC C905 DR 25 Pipe | 598 | LF | $9.00 | $21.25 | $18,089.50 |
| 6 | 16" X 45° AWWA C153 MJ X MJ Bend | 6 | EA | $400.00 | $661.52 | $6,369.12 |
| 7 | 12" X 45° AWWA C153 MJ X MJ Bend | 2 | EA | $300.00 | $415.82 | $1,431.64 |
| 8 | 16" X 8" AWWA C153 MJ X MJ Tee | 1 | EA | $400.00 | $801.17 | $1,201.17 |
| 9 | 8" AWWA C502 Resilient Seat Gate Valve and Box | 2 | EA | $250.00 | $856.72 | $2,213.44 |
| 10 | 8" AWWA C219 Repair Coupling | 2 | EA | $200.00 | $187.26 | $774.52 |
| 11 | 8" X 45° AWWA C153 MJ X MJ Bend | 2 | EA | $200.00 | $170.12 | $740.24 |
| 12 | 12" X 8" AWWA C153 MJ X MJ Reducer | 1 | EA | $400.00 | $228.58 | $628.58 |
| 13 | 16" X 16" AWWA C153 MJ X MJ Tee | 1 | EA | $400.00 | $1,130.05 | $1,530.05 |
| 14 | Cleaning and Disposal of the Spoil Material from the Boring Operation | 40 | CY | $35.00 | $0.00 | $1,399.43 |
| 15 | Traffic Control Management | 1 | LS | $500.00 | $0.00 | $500.00 |
| | Total Estimated Construction Cost | | | | | **$60,848.11** |

**Note: * Includes equipment cost.**

# EXHIBIT G2

## COST COMPARISON 8" AND 12" WATER LINES

Entity: Sharyland Water Supply Corporation
Date: 07/25/13
Descr: **EXHIBIT G3**; 8 inch and 12 inch Waterlines Bored Across FM 681/FM 2221 on West Side of Inspiration Rd. - CSJ No 0669-01-052
Eng.: Sigler, Winston, Greenwood & Associates
Alfonso Gonzalez, P.E.
**SWG File 12 - 114**

| Item No. | Description | Quantity | Unit | *Labor | Material | Total Cost |
|---|---|---|---|---|---|---|
| 1 | 20" I.D. X 3/8" thick Steel Casing Bored Including 12" PVC Pipe and Supports ..... | 122 | LF | $99.45 | $59.41 | $19,380.92 |
| 2 | 12" PVC C900 DR 25 Pipe | 250 | LF | $6.00 | $11.37 | $4,342.50 |
| 3 | 12" X 45° AWWA C153 MJ X MJ Bend | 6 | EA | $350.00 | $415.82 | $4,594.92 |
| 4 | 12" AWWA C502 Resilient Seat Gate Valve and Box | 1 | EA | $350.00 | $1,745.10 | $2,095.10 |
| 5 | 12" AWWA C219 Repair Coupling | 1 | EA | $400.00 | $323.06 | $723.06 |
| 6 | 16" I.D. X 3/8" thick Steel Casing Bored Including 8" PVC Pipe and Supports ..... | 122 | LF | $99.45 | $44.64 | $17,578.98 |
| 7 | 8" PVC C900 DR 25 Pipe | 520 | LF | $6.00 | $7.43 | $6,983.60 |
| 8 | 8" X 45° AWWA C153 MJ X MJ Bend | 8 | EA | $200.00 | $170.12 | $2,960.96 |
| 9 | 8" AWWA C502 Resilient Seat Gate Valve and Box | 2 | EA | $250.00 | $856.72 | $2,213.44 |
| 10 | 8" AWWA C219 Repair Coupling | 2 | EA | $200.00 | $187.26 | $774.52 |
| 11 | Cleaning and Disposal of the Spoil Material from the Boring Operation | 48 | CY | $35.00 | $0.00 | $1,672.69 |
| 12 | Traffic Control | 1 | LS | $500.00 | $0.00 | $500.00 |
| | Total Estimated Construction Cost | | | | | **$63,820.69** |

**Note: * Includes equipment cost.**

# EXHIBIT G3

8" 900
16" PVC C905 DR25 Waterline
To Be Installed on 5ft. Offset
From PROP. HWY. R.O.W.
W/36" Cover

(VOL.

BEGIN @ Sta. 396+00.00 (See Sheet No. 5)
1-16"x16" Tee
AWWA C153

Connecting W/Prop. 12" Line
(See Sheet No. 5 of 8)

HWY. ROW

15' EASEMENT TO SHARYLAND WATER SUPPLY CORP. VOL. 2016 PG. 836

A–A

5' Alignment

PROP. HWY. ROW

END Sta.@ 6+73.00
1-8" Repair Coupling
1-8" MJ Gate Valve & Box
1-12"x8" Reducer
AWWA C153
1-16"x12" Reducer
2-16"x45° MJ Bend
AWWA C153

15' EASEMENT TO SHARYLAND WATER SUPPLY CORP. VOL. 1987 PG. 57

5' Alignment

EXIST. 8" PVC

2-8"x45° AWWA C153 BEND
1-8" AWWA C502 GATE VAL.
1-8" AWWA C219 REPAIR COUP.

INSPIRATION ROAD

7+00
6+00
5+00
4+00

PROP. CURB & GUTTER (BY OTHERS)

2-12"x45° AWWA C153 BEND

2-8"x45° AWWA C153 BEND

8" WATERLINE TO BE REMOVED

PROPOSED ℄ F.M. 681

394+00 395+00 396+00 397+00 398+00 398+60 399+00

20"
24" Steel Casing (122 ft.) Bored
Bottom El. 169.75 (See Sheet 7)

16"x3/8" THICK WELDED STEEL CASING x 122 L.F.

2-8"x45° AWWA C153 BEND

EXIST. HWY. R.O.W.

15' EASEMENT TO SHARYLAND WATER SUPPLY CORP. DOC. #675923

STA. 398+63
END 12" PVC REMOVAL

5' ALIGNMENT

EXIST. 8" PVC TO BE REMOVED

12" PROP. HWY. ROW

2-16"x45° MJ Bend
AWWA C153

GOODWIN SUBD. NO.3

EXIST. 12" WATERLINE TO BE REMOVED

EXIST. 2" WATERLINE TO BE ABANDONED

A–A

12" PROP. HWY. ROW

2-16"x45° MJ Bend
AWWA C153

1-16"x8"
AWWA C153 TEE

1-16"x12" Reducer AWWA C153

1-12" AWWA C502 MJ Gate Valve & Box

Begin STA. 3+77.00
1-12" AWWA C219 Repair Coupling

PROP. HWY. ROW

15' R.O.W. EASEMENT DOC. #31940 H.C.D.R. TO SHARYLAND WATER SUPPLY CORP.

EXIST. 5' EASEMENT TO SHARYLAND WATER SUPPLY CORP. DOC. NO. 677997

EXIST. 12" & 8" PIPES TO BE ABANDONED

1-8" AWWA C502 MJ Gate Valve & Box

2-8"x45° AWWA C153 MJ Bend

1-8" AWWA C219 Repair Coupling

EXIST. 8" WATERLINE

2-12"x45° MJ Bend
AWWA C153

1-12" Repair Coupling

Begin Compensable Segments
Of 12" & 8" PVC C900 DR25 Waterline

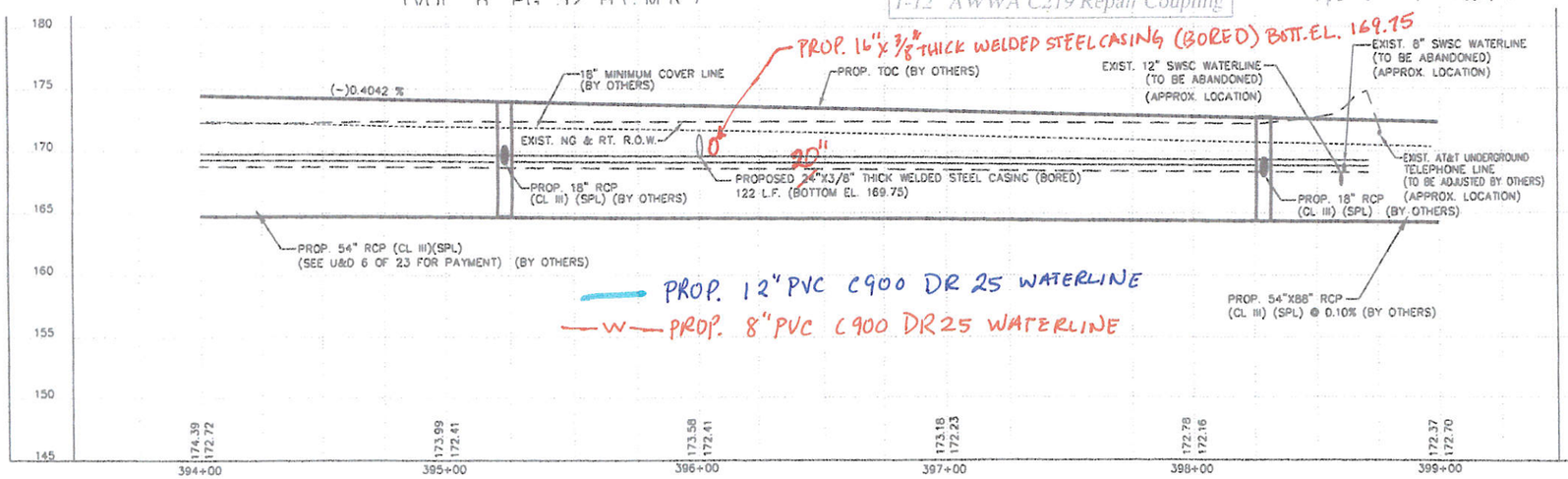
EXIST. 12" PVC WATERLINE

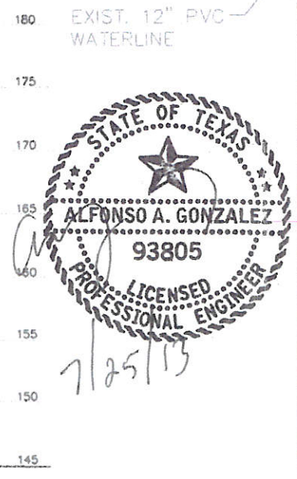
8"PVC C900 DR25 Waterline
To be Installed on 10' Offset w/36" Cover

(VOL. 6, PG. 52 H.C.M.R.)

## LEGEND

STATION HIGHWAY CONTROL BASELINE.....
EXISTING HWY. ROW.....
EXIST. WATERLINE.....
EXIST. OVERHEAD POWER.....
EXIST. EASEMENT LINE SWSC.....
EXISTING EDGE OF PAVEMENT
SCALE 1"=60' EXIST. UTILITY.....
PROPOSED HWY. ROW.....
PROPOSED WATERLINE.....
PROP. CURB & GUTTER (BY OTHERS).....
PROPOSED STORM DRAINAGE PIPE (BY OTHERS).....
PROPOSED STORM SEWER INLET (BY OTHERS).....
PROPOSED STORM DRAINAGE INLET (BY OTHERS).....




STATE OF TEXAS
ALFONSO A. GONZALEZ
93805
LICENSED PROFESSIONAL ENGINEER
7/25/13

© TxDOT 2009

Texas Department of Transportation

SHARYLAND WATER SUPPLY CORPORATION

SIGLER, WINSTON, GREENWOOD AND ASSOCIATES
CONSULTING ENGINEERS
WESLACO, TEXAS
SWG ENGINEERING, LLC
TEXAS FIRM REGISTRATION NO. F-592

F.M. 681/FM 2221 (7 MILE LINE)
12" & 8" WATERLINE
RELOCATION
COMPENSABLE SEGMENTS

SCALE: 1"=60' JULY-2013

| FED.RD. DIV.NO. | | | SHEET NO. 6 of 8 |
|---|---|---|---|
| STATE | DIST. | COUNTY | |
| TEXAS | | HIDALGO | |
| CONT. | SECT. | JOB | HIGHWAY NO. |
| | | | F.M. 681/FM 2221 (7 MILE LINE) |

# H

## Betterment Statement

## No Betterment Credit will be Applied

**By:** Alfonso A. Gonzalez, P.E.

**Date:** 7/26/13

# I

## Quit Claim Deed

**Notice of Confidentiality Rights: If you are a natural person, you may remove or strike any of the following information from this instrument before it is filed for record in the public records: your Social Security Number or your Driver's License Number.**

Texas Department of Transportation
Form ROW-N-30
(Rev. 07/11)


# QUITCLAIM DEED

**THE STATE OF TEXAS** § **ROW CSJ:** 0862-01-046
§
**COUNTY OF HIDALGO** § **KNOW ALL MEN BY THESE PRESENTS:**

That, Sharyland Water Supply Corporation of the County of Hidalgo, State of Texas, hereinafter referred to as Grantors, whether one or more, for and in consideration of the sum of One and no/00 Dollars ($1.00) and other good and valuable consideration to Grantors in hand paid by the State of Texas, acting by and through the Texas Transportation Commission, the receipt of which is hereby acknowledged, and for which no lien is retained, either expressed or implied, have Quitclaimed and do by these presents Bargain, Sell, Release and forever Quitclaim unto the State of Texas all of Grantors' right, title, interest, claim and demand in and to that certain tract or parcel of land, situated in the County of Hidalgo, State of Texas, more particularly described in Exhibit "A," attached hereto and incorporated herein for any and all purposes.

Parcel No. 9, FM 2221

**TO HAVE AND TO HOLD** for said purposes together with all and singular the rights, privileges, and appurtenances thereto in any manner belonging unto the said State of Texas forever.

**IN WITNESS WHEREOF,** this instrument is executed on this the 15th day of Aug, 2013.

_____ _____

_____ _____

_____ _____

*N30*

**Acknowledgement**

State of Texas
County of Hidalgo

This instrument was acknowledged before me on _____

by _____.

_____
Notary Public's Signature

**Corporate Acknowledgment**

State of Texas
County of Hidalgo

This instrument was acknowledged before me on 1 August 2013 by

Sherilyn Dahlberg, General Manager

of Sharyland Water Supply Corporation, a non-profit water supply

corporation, on behalf of said corporation.

Claudia Cantu
Notary Public's Signature

CLAUDIA CANTU
Notary Public
STATE OF TEXAS
My Comm. Exp. 11-29-2016

**July 13, 2009**
Revised May 14, 2010
Revised August 26, 2010
Revised October 22, 2010
Revised December 3, 2010

**EXHIBIT "A"**

**County: Hidalgo**
**Highway: FM 681 & FM 2221**
**RCSJ: 0862-01-046**

Parcel 9
Property Description

A tract of land containing 0.775 acre (33,775 square feet), situated in Hidalgo County, Texas and also being a part or portion of **LOT 79, BLOCK 1, LA HOMA RANCH CITRUS GROVES UNIT 2**, recorded in Volume 8, Page 9, H.C.M.R., and said 0.775 acre (33,775 square feet) also being a part or portion of a 12.740 Acre tract of land deeded to Joseph Eromosele, recorded in Document No. 1584538, H.C.D.R., by James T. & Leah B. Killelea on March 01, 2006, and said 0.775 acre (33,775 square feet) also being more particularly described as follows;

**COMMENCING** on the northwest corner of Lot 79 and 12.74 Acre Tract;

**THENCE** S 08° 52' 11" W (S 08° 50' W), along the West line of said Lot 79, a distance of 1099.50 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set, on the proposed north right-of-way line of FM 2221, for the western most northwest corner of this tract and the **POINT OF BEGINNING**; having surface coordinates of X=1034066.25 and Y=16642913.98. All bearings and coordinates are based on the State Plane Coordinate System of Texas, South Zone, North American Datum 1983 (1993 adjustment), English units. All distances and coordinates are surface and may be converted to grid by multiplying by a combined scale factor of 0.999960;

1. **THENCE** S 81° 04' 54" E, continuing along the proposed North right-of-way line of said FM 2221, a distance of 378.10 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set, for an inside corner of this tract;

2. **THENCE** N 54° 08' 35" E, along the proposed right-of-way line, a distance of 28.40 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set, on the proposed west right-of-way of FM 2894, for an inside corner of this tract;

3. **THENCE** N 08° 53' 32" E, continuing along the proposed West right-of-way line of said FM 2894, a distance of 216.91 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set, for angle corner of this tract;

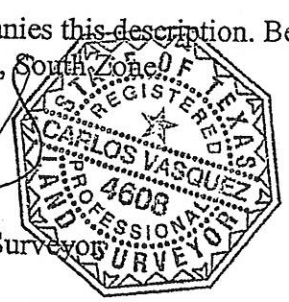
4. **THENCE** N 14° 38' 28" E, continuing along the proposed West right-of-way line of said FM 2894, a distance of 150.80 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set, on the west line of said FM 2894, for the northeast corner of this tract

5. **THENCE** S 08° 55' 57" W (S 08° 50' W), continuing along the West right-of-way line of said FM 2894, a distance of 456.96 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set, on the intersection of the North right-of-way line of FM 2221 and West right-of-way line of said FM 2894, for the southeast corner of this tract;

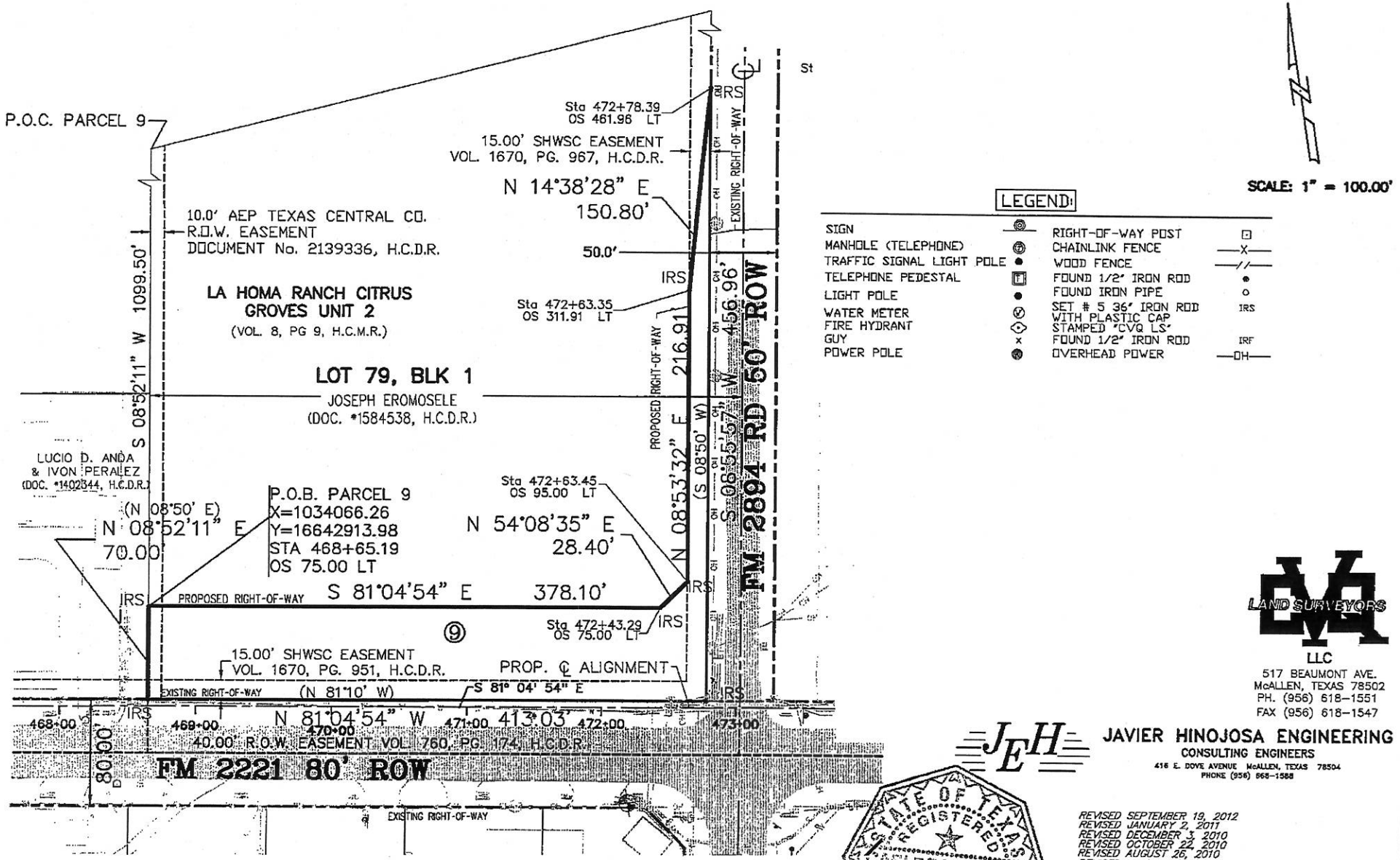
6. **THENCE** N 81° 04' 54" W (S 81° 10' W), along the North right-of-way line of said FM 2221, a distance of 413.03 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set, on the west line of said Lot 79, for the southwest corner of this tract;

7. **THENCE** N 08° 52' 11" E, along the West line of said Lot 79, a distance of 70.00 feet to the POINT OF BEGINNING, containing 0.775 acre (33,775 square feet), more or less.

A survey exhibit map accompanies this description. Bearings are based on the State Plane Coordinate System NAD 1983, South Zone.




Carlos Vasquez, R.P.LS. 4608
Registered Professional Land Surveyor
State of Texas No. 4605
Date: July 13, 2009




**RIGHT OF WAY SKETCH**
SHOWING PROPERTY OF

JOSEPH EROMOSELE

NOTE:

1. ALL BEARING AND DISTANCE ARE BASED ON THE STATE PLANE COORDINATE SYSTEM NAD 1983, SOUTH ZONE
2. ALL CORNERS WILL BE MARKED WITH A #5 IRON ROD, 24" LONG WITH A PLASTIC CAP STAMPED "CVQ LS" SET, UNLESS OTHERWISE NOTED.

A LEGAL DESCRIPTION OF EVEN SURVEY DATE HEREWITH ACCOMPANIES THIS PLAT

CARLOS VASQUEZ, R.P.L.S. 4608

STATE OF TEXAS
REGISTERED
CARLOS VASQUEZ
4608
PROFESSIONAL
LAND SURVEYOR


LAND SURVEYORS
LLC
517 BEAUMONT AVE.
McALLEN, TEXAS 78502
PH. (956) 618-1551
FAX (956) 618-1547

JEH
JAVIER HINOJOSA ENGINEERING
CONSULTING ENGINEERS
416 E. DOVE AVENUE McALLEN, TEXAS 78504
PHONE (956) 668-1588


REVISED SEPTEMBER 19, 2012
REVISED JANUARY 2, 2011
REVISED DECEMBER 3, 2010
REVISED OCTOBER 22, 2010
REVISED AUGUST 26, 2010
REVISED MAY 14, 2010

| DIST. NAME | PLAT OF SURVEY | COUNTY |
|---|---|---|
| PHARR | FM 681 AND FM 2221 | HIDALGO |
| ACCOUNT NO. | RCSJ No. 0862-01-046 | DATE OF SURVEY: 07/13/09 |

| EXISTING | TAKING | REMAINING LEFT | SHEET: |
|---|---|---|---|
| 12.74 Ac. | 0.775 Ac. (33,775 Sq Ft) | 11.965 Ac. | 3 OF 3 |

**Notice of Confidentiality Rights: If you are a natural person, you may remove or strike any of the following information from this instrument before it is filed for record in the public records: your Social Security Number or your Driver's License Number.**

Texas Department of Transportation
Form ROW-N-30
(Rev. 07/11)


# QUITCLAIM DEED

**THE STATE OF TEXAS** § **ROW CSJ:** 0669-01-052
§
**COUNTY OF HIDALGO** § **KNOW ALL MEN BY THESE PRESENTS:**

That, Sharyland Water Supply Corporation of the County of Hidalgo, State of Texas, hereinafter referred to as Grantors, whether one or more, for and in consideration of the sum of One and no/00 Dollars ($1.00) and other good and valuable consideration to Grantors in hand paid by the State of Texas, acting by and through the Texas Transportation Commission, the receipt of which is hereby acknowledged, and for which no lien is retained, either expressed or implied, have Quitclaimed and do by these presents Bargain, Sell, Release and forever Quitclaim unto the State of Texas all of Grantors' right, title, interest, claim and demand in and to that certain tract or parcel of land, situated in the County of Hidalgo, State of Texas, more particularly described in Exhibit "A," attached hereto and incorporated herein for any and all purposes.

Parcel No. 35, FM 681

**TO HAVE AND TO HOLD** for said purposes together with all and singular the rights, privileges, and appurtenances thereto in any manner belonging unto the said State of Texas forever.

**IN WITNESS WHEREOF,** this instrument is executed on this the 1st day of Aug, 2013

* N 30 *

**Acknowledgement**

State of Texas
County of Hidalgo

This instrument was acknowledged before me on _____

by _____.

_____
Notary Public's Signature

**Corporate Acknowledgment**

State of Texas
County of Hidalgo

This instrument was acknowledged before me on 1 August 2013 by

Sherilyn Dahlberg, General Manager

of Sharyland Water Supply Corporation, a non-profit water supply corporation, on behalf of said corporation.

Claudia Cantu
Notary Public's Signature

CLAUDIA CANTU
Notary Public
STATE OF TEXAS
My Comm. Exp. 11-29-2016

**EXHIBIT "A"**

**County: Hidalgo**
**Highway: FM 681 & FM 2221**
**RCSJ:0669-01-052**

Parcel 35
Property Description

A tract of land containing 0.685 acre (29,850 square feet), situated in Hidalgo County, Texas and also being a part or portion of **BLOCK 55, THE GOODWIN TRACT SUBDIVISION No. 3-A,** recorded in Volume 6, Page 52, H.C.M.R., and said 0.685 acre (29,850 square feet) also being a part or portion of a 14.310 Acre tract of land deeded to Holbrook Enterprises, recorded in Document No. 605353, H.C.D.R., by Don R., Gregg D. and Dennis L. Holbrook on June 18, 1997, and said 0.685 acre (29,850 square feet) also being more particularly described as follows;

**COMMENCING** on southwest corner of said Lot 55;

**THENCE** N 08° 52' 11" E (N 8° 34' E), along the West line of said Lot 55, a distance of 850.00 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set for the southwest corner of this tract and the **POINT OF BEGINNING**; having surface coordinates of X=1038439.23 and Y=16642039.32. All bearings and coordinates are based on the State Plane Coordinate System of Texas, South Zone, North American Datum 1983 (1993 adjustment), English units. All distances and coordinates are surface and may be converted to grid by multiplying by a combined scale factor of 0.999960;

1. **THENCE** N 08° 52' 11" E (N 8° 34' E), continuing along the West line of said Lot 55, a distance of 35.00 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set on the South right-of-way line of FM 681, for the northwest corner of this tract;

2. **THENCE** S 81° 02' 00" E (S 81° 10' E), along the South right-of-way line of said FM 681, a distance of 649.20 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set on the West right-of-way line of Inspiration Road, for the northeast corner of this tract;

3. **THENCE** S 08° 30' 00" W (S 08° 34' W), along the West right-of-way line of said Inspiration Road, a distance of 456.62 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set, for the southeast corner of this tract;

4. **THENCE** N 00° 53' 56" E, along the proposed West right-of-way line of Inspiration Road, a distance of 151.20 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set, for an outside corner of this tract;

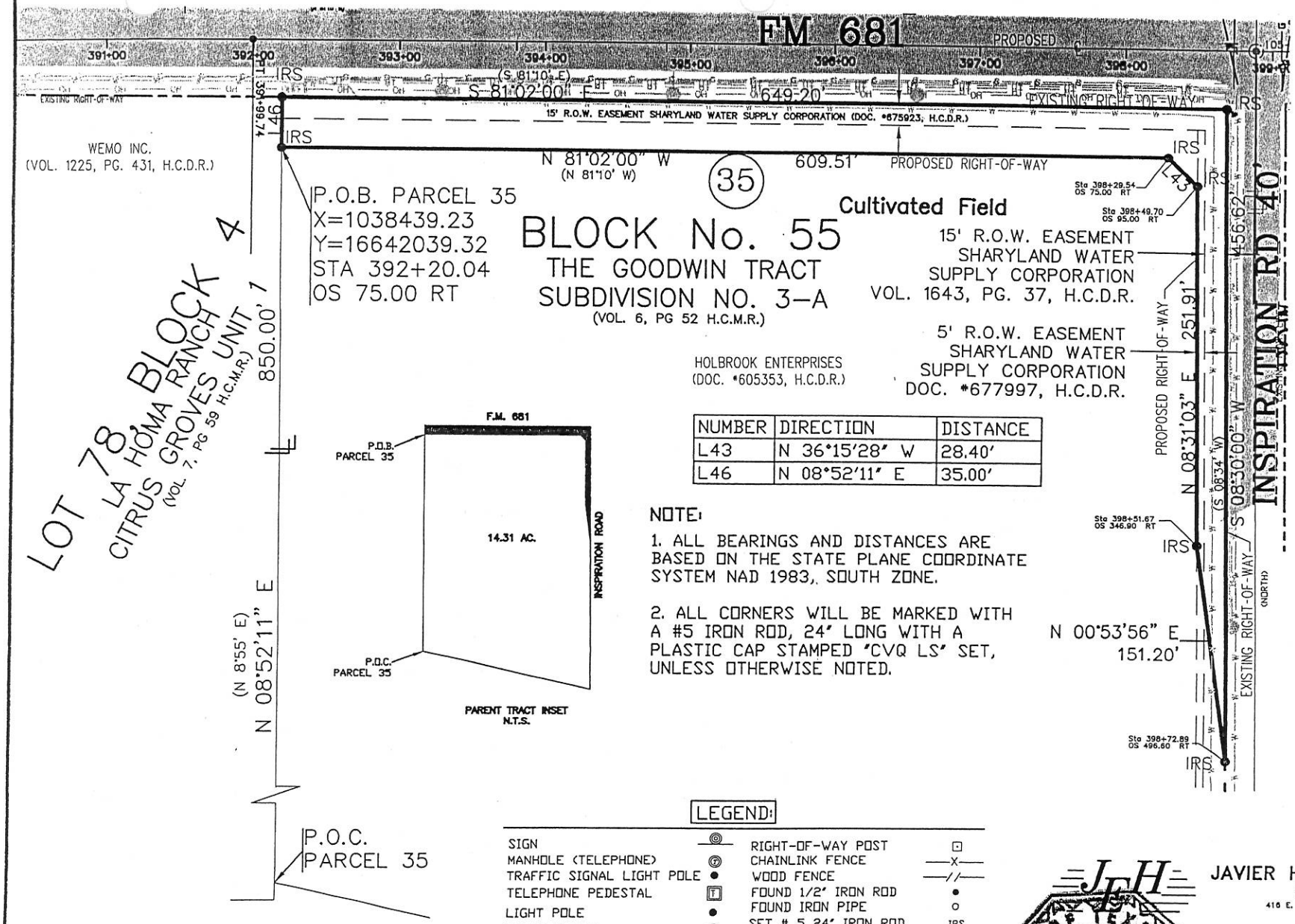
5. **THENCE** N 08° 31' 03" E, along the proposed West right-of-way line of Inspiration Road, a distance of 251.91 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set, for an inside corner of this tract;

6. **THENCE** N 36° 15' 28" W, a distance of 28.40 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set on the proposed South right-of-way line of FM 681, for an inside corner of this tract;

7. **THENCE** N 81° 02' 00" W, along the proposed South right-of-way line of said FM 681, a distance of 609.51 feet to the **POINT OF BEGINNING,** containing 0.685 acre (29,850 square feet), more or less.

A survey exhibit map accompanies this description. Bearings are based on the State Plane Coordinate System NAD 1983, South Zone.

Carlos Vasquez, R.P.L.S. 4608
Registered Professional Land Surveyor
State of Texas No. 4605
Date: July 13, 2009




| NUMBER | DIRECTION | DISTANCE |
|---|---|---|
| L43 | N 36°15'28" W | 28.40' |
| L46 | N 08°52'11" E | 35.00' |

NOTE:

1. ALL BEARINGS AND DISTANCES ARE BASED ON THE STATE PLANE COORDINATE SYSTEM NAD 1983,. SOUTH ZONE.

2. ALL CORNERS WILL BE MARKED WITH A #5 IRON ROD, 24' LONG WITH A PLASTIC CAP STAMPED "CVQ LS" SET, UNLESS OTHERWISE NOTED.

LEGEND:

| | | | |
|---|---|---|---|
| SIGN | | RIGHT-OF-WAY POST | ⊡ |
| MANHOLE (TELEPHONE) | Ⓣ | CHAINLINK FENCE | —X— |
| TRAFFIC SIGNAL LIGHT POLE | ● | WOOD FENCE | —//— |
| TELEPHONE PEDESTAL | Ⓣ | FOUND 1/2" IRON ROD | ● |
| LIGHT POLE | ● | FOUND IRON PIPE | ○ |
| WATER METER | Ⓦ | SET # 5 24" IRON ROD WITH PLASTIC CAP | IRS |
| FIRE HYDRANT | ◇ | STAMPED "CVQ LS" | |
| GUY | x | FOUND 1/2" IRON ROD | IRF |
| POWER POLE | ◉ | OVERHEAD POWER | —OH— |

**RIGHT OF WAY SKETCH**
SHOWING PROPERTY OF

HOLBROOK ENTERPRISES

A LEGAL DESCRIPTION OF EVEN DATE HEREWITH ACCOMPANIES THIS SKETCH

CARLOS VASQUEZ, R.P.L.S. 4608

LAND SURVEYORS LLC
517 BEAUMONT AVE.
McALLEN, TEXAS 78502
PH. (956) 618-1551
FAX (956) 618-1547

JAVIER HINOJOSA ENGINEERING
CONSULTING ENGINEERS
416 E. DOVE AVENUE McALLEN, TEXAS 78504
PHONE (956) 668-1588

REVISED OCTOBER 22, 2010
REVISED AUGUST 26, 2010
REVISED MAY 14, 2010

| DIST. NAME | PLAT OF SURVEY | COUNTY |
|---|---|---|
| PHARR | FM 681 AND FM 2221 | HIDALGO |
| ACCOUNT NO. | RCSJ No. 0669-01-052 | DATE OF SURVEY: 07/13/09 |
| EXISTING 14.31 Ac. | ROW TAKING: 0.685 Ac. | REMAINING 13.625 Ac. RIGHT |
| | | SHEET: 3 OF 3 |

**Notice of Confidentiality Rights: If you are a natural person, you may remove or strike any of the following information from this instrument before it is filed for record in the public records: your Social Security Number or your Driver's License Number.**

Texas Department of Transportation
Form ROW-N-30
(Rev. 07/11)


# QUITCLAIM DEED

**THE STATE OF TEXAS** § **ROW CSJ:** 0669-01-052
§
**COUNTY OF HIDALGO** § **KNOW ALL MEN BY THESE PRESENTS:**

That, Sharyland Water Supply Corporation of the County of Hidalgo, State of Texas, hereinafter referred to as Grantors, whether one or more, for and in consideration of the sum of One and no/00 Dollars ($1.00) and other good and valuable consideration to Grantors in hand paid by the State of Texas, acting by and through the Texas Transportation Commission, the receipt of which is hereby acknowledged, and for which no lien is retained, either expressed or implied, have Quitclaimed and do by these presents Bargain, Sell, Release and forever Quitclaim unto the State of Texas all of Grantors' right, title, interest, claim and demand in and to that certain tract or parcel of land, situated in the County of Hidalgo, State of Texas, more particularly described in Exhibit "A," attached hereto and incorporated herein for any and all purposes.

Parcel No. 28C, FM 681

**TO HAVE AND TO HOLD** for said purposes together with all and singular the rights, privileges, and appurtenances thereto in any manner belonging unto the said State of Texas forever.

**IN WITNESS WHEREOF,** this instrument is executed on this the 15th day of Aug, 2013.

*N30*

**Acknowledgement**

State of Texas
County of Hidalgo

This instrument was acknowledged before me on _____

by _____.

_____
Notary Public's Signature

**Corporate Acknowledgment**

State of Texas
County of Hidalgo

This instrument was acknowledged before me on 1 August 2013 by

Sherilyn Dahlberg, General Manager

of Sharyland Water Supply Corporation, a non-profit water supply corporation, on behalf of said corporation.

Claudia Cantu
Notary Public's Signature

CLAUDIA CANTU
Notary Public
STATE OF TEXAS
My Comm. Exp. 11-29-2016

**EXHIBIT "A"**

**County: Hidalgo**
**Highway: FM 681 & FM 2221**
**RCSJ: 0669-01-052**

Parcel 28C
Property Description

A tract of land containing 0.507 acre (22,071 square feet), situated in Hidalgo County, Texas and also being a part or portion of **LOT 81, BLOCK 4, LA HOMA RANCH CITRUS GROVES UNIT 2,** recorded in Volume 8, Page 9, H.C.M.R., and said 0.507 acre (22,071 square feet) also being a part or portion of a 14.840 Acre tract of land deeded to Southern Anchor, LTD., recorded in Document No. 161191, H.C.D.R., by VBC, LLC, a Texas Limited Liability Company on September 08, 2006, and said 0.507 acre (22,071 square feet) also being more particularly described as follows;

**COMMENCING** on the northeast corner of said Lot 81;

**THENCE** S 08° 55' 32" W (S 08° 34' 32" W), along the East line of said Lot 81, a distance of 184.11 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set for the northeast corner of this tract and the **POINT OF BEGINNING**; having surface coordinates of X=1038462.42 and Y=16642187.52. All bearings and coordinates are based on the State Plane Coordinate System of Texas, South Zone, North American Datum 1983 (1993 adjustment), English units. All distances and coordinates are surface and may be converted to grid by multiplying by a combined scale factor of 0.999960;

1. **THENCE** S 08° 55' 32" W (S 08° 34' 32" W), along the East line of said Lot 81, distance of 35.00 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set on the North right-of-way line of FM 681, for the southeast corner of this tract;

2. **THENCE** N 81° 02' 00" W (N 81° 10' W), along the North right-of-way line of said FM 681, a distance of 803.94 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set, for the southwest corner of this tract;

3. **THENCE** N 08° 58' 00" E, a distance of 9.82 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set, for an inside corner of this tract;

4. **THENCE** N 81° 03' 14" W, a distance of .73 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set, for a point of curvature of this tract;

5. **THENCE** along the said curve to the right with a radius of 522.94 feet, an interior angle of 10° 59' 28", an arc length of 100.32 feet, a tangent of 50.31 feet and a chord that bears N 75° 33' 46" W, a distance of 100.16 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set on the proposed North right-of-way of said FM 681, for the northwest corner of this tract;

6. **THENCE** S 81° 02' 00" E, along the proposed North right-of-way line of said FM 681, a distance of 177.25 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set, for a point of curvature of this tract;

7. **THENCE** along the said curve to the left with a radius of 7,925.00 feet, an interior angle of 02° 32' 01", an arc length of 350.44 feet, a tangent of 175.25 feet and a chord that bears S 82° 18' 00" E, a distance of 350.41 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set for a point of reverse curvature of this tract;

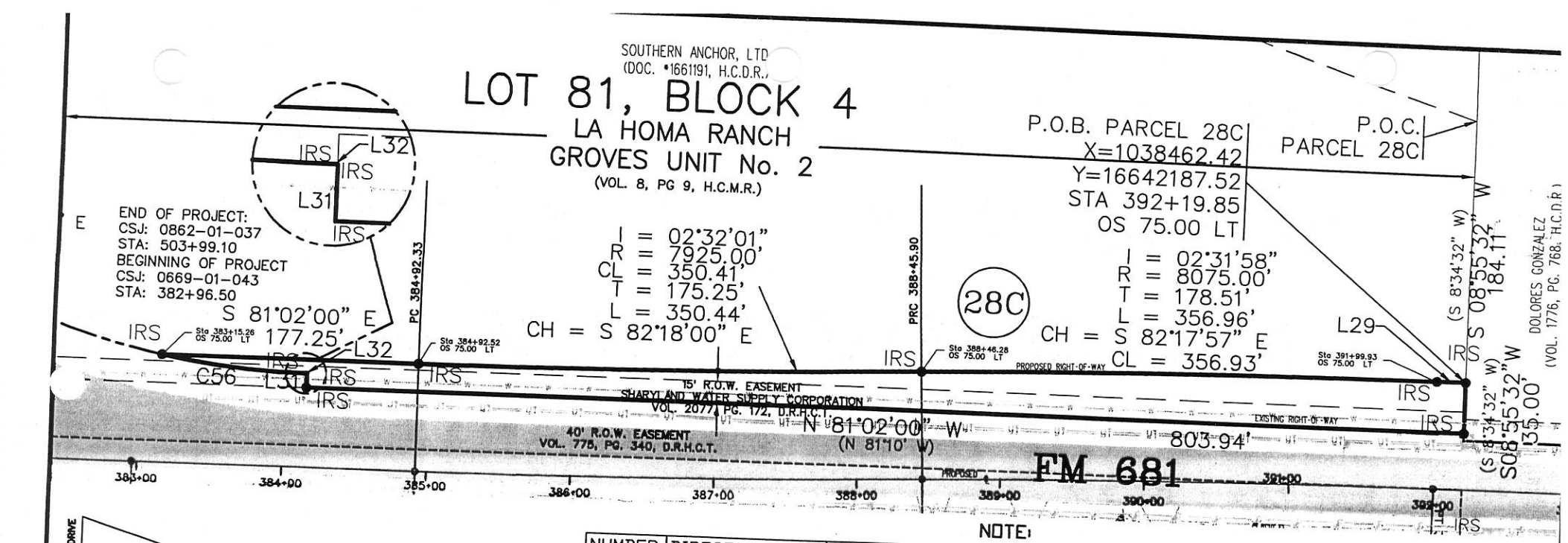
8. **THENCE** along the said curve to the right with a radius of 8,075.00 feet, an interior angle of 02° 31' 58", an arc length of 356.96 feet, a tangent of 178.51 feet and a chord that bears S 82° 17' 57" E, a distance of 356.93 feet to a #5 iron rod, 24" long with a plastic cap stamped "CVQ LS" set for a point of tangency of this tract;

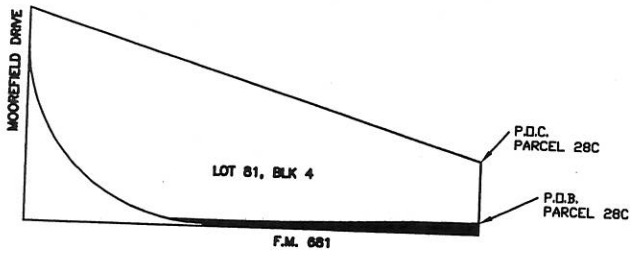
9. **THENCE** S 81° 02' 00" E, along the proposed North right-of-way line of said FM 681, a distance of 19.92 feet to the **POINT OF BEGINNING,** containing 0.507 acre (22,071 square feet), more or less.

A survey exhibit map accompanies this description. Bearings are based on the State Plane Coordinate System NAD 1983, South Zone.

Carlos Vasquez, R.P.LS. 4608
Registered Professional Land Surveyor
State of Texas No. 4605
Date: July 13, 2009






PARENT TRACT INSET
N.T.S.

| NUMBER | DIRECTION | DISTANCE |
|---|---|---|
| L29 | S 81°02'00" E | 19.92' |
| L31 | N 08°58'00" E | 9.82' |
| L32 | N 81°03'14" W | .73' |

| NUMBER | DELTA ANGLE | RADIUS | CHORD LENGTH | CHORD DIRECTION | TANGENT | ARC LENGTH |
|---|---|---|---|---|---|---|
| C56 | 10°59'28" | 522.94 | 100.16 | N 75°33'46" W | 50.31 | 100.32 |

NOTE:

1. ALL BEARINGS AND DISTANCES ARE BASED ON THE STATE PLANE COORDINATE SYSTEM NAD 1983, SOUTH ZONE.

2. ALL CORNERS WILL BE MARKED WITH A #5 IRON ROD, 24" LONG WITH A PLASTIC CAP STAMPED "CVQ LS" SET, UNLESS OTHERWISE NOTED.

SCALE: 1" = 100.00'

LEGEND:

| | | |
|---|---|---|
| SIGN | RIGHT-OF-WAY POST | ⊡ |
| MANHOLE (TELEPHONE) | CHAINLINK FENCE | —X— |
| TRAFFIC SIGNAL LIGHT POLE | WOOD FENCE | —//— |
| TELEPHONE PEDESTAL | FOUND 1/2" IRON ROD | ● |
| LIGHT POLE | FOUND IRON PIPE | ○ |
| WATER METER | SET # 5 24" IRON ROD WITH PLASTIC CAP STAMPED "CVQ LS" | IRS |
| FIRE HYDRANT | FOUND 1/2" IRON ROD | IRF |
| | OVERHEAD POWER | —OH— |

**RIGHT OF WAY SKETCH**
SHOWING PROPERTY OF

SOUTHERN ANCHOR, LTD.

A LEGAL DESCRIPTION OF EVEN SURVEY DATE HEREWITH ACCOMPANIES THIS PLAT

STATE OF TEXAS
REGISTERED
CARLOS VASQUEZ
4608
PROFESSIONAL
LAND SURVEYOR

CARLOS VASQUEZ, R.P.L.S. 4608


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CONSULTING ENGINEERS
416 E. DOVE AVENUE McALLEN, TEXAS 78504
PHONE (956) 668-1588


REVISED OCTOBER 22, 2010

| DIST. NAME | PLAT OF SURVEY | COUNTY |
|---|---|---|
| PHARR | FM 681 AND FM 2221 | HIDALGO |
| ACCOUNT NO. | RCSJ No. 0669-01-052 | DATE OF SURVEY: 07/13/09 |
| EXISTING 14.84 Ac. | ROW TAKING: 0.507 Ac. (22,071 Sq Ft) | REMAINING 14.333 Ac. LEFT |
| | | SHEET: 3 OF 3 |

# Attachment E

**TXDOT ROW ~~U-30~~**

N-30

# J

## Joint Use Agreement

NONE - N/A

# Joint Use Agreement

Joint Use Agreement is not applicable to adjustments within this Compensable Packet.

By: _____

Date: 8-1-2018

# Attachment F