

**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
<b>Administrative &amp; Professional Fees</b>					
1	<sup>1</sup> Administrative	82	HR	\$390.00	\$31,980.00
2	Legal Services	10	HR	\$350.00	\$3,500.00
3	Engineering Services for Preparation of Plans of Adjustment & Estimate	8	%	\$103,485.31	\$8,300.00
4	Construction Staking Services	2	%	\$103,485.31	\$2,100.00
5	<sup>2</sup> Construction Material Testing	1	EA	\$3,514.00	\$3,514.00
<b><u>Estimated Construction Cost - Waterline Adjustments &amp; Relocation</u></b>					
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
<b>Total Estimated Construction Cost</b>					<b>\$103,485.31</b>
<b>Total Construction Cost Estimate</b>					<b>\$152,879.31</b>

**NOTES:** 1- Cumulative hourly rate made of six (6) staff members of SWSC and one consultant engineer.  
 2 - Copy of proposal attached.

**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  
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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
<b>Total Estimated Construction Cost</b>						<b>\$2,018.69</b>

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**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  
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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 (includes 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	EA	\$2,500.00	\$0.00	\$2,500.00
Total Estimated Construction Cost						<b>\$101,466.62</b>

**Note: \* Includes equipment cost.**