

Marsh in Water Line
Replacement (2)

**TOWN OF ADDISON
PAYMENT AUTHORIZATION MEMO**

DATE: 12/5/02

Claim # _____

Check \$ 1,148.02

Vendor No. _____
 Vendor Name BIRKHOFF, HENDRICKS & CONWAY, L.L.P.
 Address 7502 GREENVILLE AVE, #220
 Address DALLAS, TEXAS 75231
 Address _____
 Zip Code _____

INVOICE # OR DESCRIPTION	FUND	DEPT	OBJ	PROJ	SAC	AMOUNT
	(00)	(000)	(00000)	(00000)	(000)	(\$000,000.00)
99123 A (684)						1,148.02

TOTAL \$ 1,148.02

EXPLANATION MARSH LAKE WATER REPLACEMENT

Steve Chudman
 Authorized Signature

Finance

BIRKHOFF, HENDRICKS & CONWAY, L.L.P.
CONSULTING ENGINEERS

7502 Greenville Avenue, #220

Dallas, Texas 75231

Fax (214) 361-0204

Phone (214) 361-7900

Town of Addison

Date: November 22, 2002

Post Office Box 9010

Addison, Texas 75001-9010

Attention: Mr. Steve Chutchian, P.E.

Statement No. 99123A (684)

Professional Services through October 27, 2002,
in connection with Marsh Lane Waterline from
Brookhaven Club Drive to Spring Valley

Additional Services - General Administration of Construction

Engineer	4.5 Hrs.	\$ 698.21
Word Processor	5.5 Hrs.	<u>376.52</u>
		\$ 1,074.73

Expense: Printing	\$ 58.96	
Delivery	8.35	
Automobile	<u>5.98</u>	
		<u>73.29</u>
		\$ 1,148.02
		=====

Total Contract Amount	\$59,390.00
Current Billing	1,148.02
Previous Billings	<u>52,212.90</u>
Balance	\$ 6,029.08

COWLES & THOMPSON

A Professional Corporation
ATTORNEYS AND COUNSELORS



ANGELA K. WASHINGTON
214.672.2144
AWASHINGTON@COWLESTHOMPSON.COM

November 7, 2002

Mr. Bill Shipp
Assistant to the City Manager/Economic Development
Town of Addison
P.O. Box 9010
Addison, TX 75001-9010

**RE: Marsh Lane Waterline Easement Purchased from
Tarragon Brooks, LP**

Dear Bill:

Enclosed for the Town's files is the title insurance policy for the Waterline Easement purchased from Tarragon Books, LP. Also enclosed is an endorsement to the policy deleting the arbitration provision. If you have any questions, please give me a call.

Sincerely,

Angela K. Washington

AKW/yjr
Enclosures

c(w/o Enclosures): Mr. Steve Chutchian
Mr. Kenneth Dippel, w/firm

TOWN OF ADDISON
PAYMENT AUTHORIZATION MEMO

DATE: 10/30/02

Claim # _____

Check \$ 4,050.51

Vendor No. _____

Vendor Name

BIRKHOFF, HENDRICKS & CONTRAY, L.L.P.

Address

7502 GREENVILLE AVE. #220

Address

DALLAS, TEXAS 75231

Address _____

Zip Code _____

INVOICE # OR DESCRIPTION	FUND	DEPT	OBJ	PROJ	SAC	AMOUNT
	(00)	(000)	(00000)	(00000)	(000)	(\$000,000.00)
99123A (614)	62	000	56570	93601		4050.51

TOTAL \$ 4050.51

EXPLANATION

MARSH LA. WATER LINE REPLACEMENT
ENGINEERING DESIGN

Steve Chubb
Authorized Signature

Finance

BIRKHOFF, HENDRICKS & CONWAY, L.L.P.
CONSULTING ENGINEERS

7502 Greenville Avenue, #220

Dallas, Texas 75231

Fax (214) 361-0204

Phone (214) 361-7900

Town of Addison
Post Office Box 9010
Addison, Texas 75001-9010
Attention: Mr. Steve Chutchian, P.E.

Date: October 21, 2002

Statement No. 99123A (614)

Professional Services through September 29, 2002,
in connection with Marsh Lane Waterline from
Brookhaven Club Drive to Spring Valley

Additional Services - Bidding Process

Engineer	9.0 Hrs.	\$ 1,396.42	
Engineer	1.5 Hrs.	194.86	
Word Processor	7.5 Hrs.	<u>488.04</u>	
			\$ 2,079.32

Additional Services - Redesign

AutoCAD Tech I	14.0 Hrs.	\$ 1,310.88	
AutoCAD Tech II	3.0 Hrs.	223.37	
Drafting	6.0 Hrs.	142.89	
Survey	2.0 Hrs.	82.99	
Word Processor	2.0 Hrs.	<u>145.06</u>	
			\$ 1,905.19
Expense: Printing		<u>66.00</u>	

1,971.19

\$ 4,050.51

Total Contract Amount	\$59,390.00
Current Billing	4,050.51
Previous Billings	<u>48,162.39</u>
Balance	\$ 7,177.10

o.k. to PAY!
SZC
10/30/02

**TOWN OF ADDISON
PAYMENT AUTHORIZATION MEMO**

DATE: 10/9/02

Claim # _____

Check \$ 55,325.67

Vendor No. _____
 Vendor Name RYCON, INC.
 Address 13221 BEE ST.
 Address FARMERS BRANCH, TEXAS
 Address 75234
 Zip Code _____

INVOICE # OR DESCRIPTION	FUND	DEPT	OBJ	PROJ	SAC	AMOUNT
	(00)	(000)	(00000)	(00000)	(000)	(\$000,000.00)
# 3 & FINAL	62	000	58210	93601		30,325.67
INCENTIVE	62	000	58210	93601		23,000.00

TOTAL: 55,325.67

EXPLANATION FINAL PAYMENT & INCENTIVE PAYMENT
ON MARSH LN. WATER REPLACEMENT
TO RYCON, INC.

Steve Chuteham
 Authorized Signature

 Finance

MONTHLY PAY ESTIMATE
MARSH LN. WATER LINE REP.
ADDISON

ESTIMATE NO: 3 retainage

FROM: 08/31/02

TO: 01/00/00

JOB#275

BID ITEM	PAVING & DRAINAGE ITEMS	UNIT	BID QTY	UNIT COST	QUAN. TO DATE	PREVIOUS COMPLETE	MONTHLY TOTAL	CONTRACT AMOUNT	VALUE OF WORK COMPLETE
1	8"PVC WATER LINE OPEN CUT	LF	2015	\$36.00	1912.00	2048.00	-136.00	\$72,540.00	\$68,832.00
2	8"PVC WATER LINE BORED(16")	LF	390	\$49.00	493.00	357.00	136.00	\$19,110.00	\$24,157.00
3	6"PVC WATER LINE OPEN CUT	LF	85	\$38.00	75.00	75.00	0.00	\$3,230.00	\$2,850.00
4	2"SERVICE CONNECTION	EA	15	\$1,200.00	12.00	12.00	0.00	\$18,000.00	\$14,400.00
5	NEW METER w BOX	EA	18	\$450.00	24.00	24.00	0.00	\$8,100.00	\$10,800.00
6	8"GATEVALVE	EA	9	\$725.00	9.00	9.00	0.00	\$6,525.00	\$6,525.00
7	6"GATEVALVE	EA	7	\$600.00	7.00	7.00	0.00	\$4,200.00	\$4,200.00
8	STAN.FIRE HYDRANT	EA	7	\$1,775.00	7.00	7.00	0.00	\$12,425.00	\$12,425.00
9	2"COPPER WATER LINE	LF	160	\$20.00	130.00	130.00	0.00	\$3,200.00	\$2,600.00
10	CUT & PLUG 8"	EA	5	\$850.00	5.00	5.00	0.00	\$4,250.00	\$4,250.00
11	CONNECT TO EX.8"	EA	4	\$1,650.00	4.00	4.00	0.00	\$6,600.00	\$6,600.00
12	DI FITTINGS	LBS	1	\$5,000.00	1.00	1.00	0.00	\$5,000.00	\$5,000.00
13	REM.EX.6"S.S./REPL.w 6"PVC	LF	36	\$75.00	0.00	0.00	0.00	\$2,700.00	\$0.00
14	CONNECT TO EX.6"SAN.SEW.	EA	4	\$800.00	0.00	0.00	0.00	\$3,200.00	\$0.00
15	REM.EX.8"PAVING	SY	600	\$10.00	656.75	656.75	0.00	\$6,000.00	\$6,567.50
16	NEW 10"PAVING	SY	600	\$40.00	656.75	656.75	0.00	\$24,000.00	\$26,270.00
17	REM.&REP.8"CONC.DRIVE	SY	325	\$33.00	230.81	230.81	0.00	\$10,725.00	\$7,616.73
18	REM.&REP. HMAC PAVING	TN	50	\$75.00	15.00	0.00	15.00	\$3,750.00	\$1,125.00
19	REM.&REP. 4" SIDEWALK	SY	300	\$35.00	339.00	339.00	0.00	\$10,500.00	\$11,865.00
20	1" HMAC OVERLAY	TN	150	\$61.00	240.50	0.00	240.50	\$9,150.00	\$14,670.50
21	REM.& REP.6"MONO CURB w DOWELS	LF	150	\$9.00	251.00	251.00	0.00	\$1,350.00	\$2,259.00
22	REM.& REP.6"MONO CURB AND GUTTER	LF	632	\$15.00	268.00	268.00	0.00	\$9,480.00	\$4,020.00
23	FULL DEPTH SAW CUT	LF	3262	\$4.00	3178.00	3178.00	0.00	\$13,048.00	\$12,712.00
24	SOD	AC	0.25	\$22,000.00	0.17	0.00	0.17	\$5,500.00	\$3,740.00
25	REM.EX.TREES&REP.w 3"BRADFORD PEARS	EA	3	\$700.00	0.00	0.00	0.00	\$2,100.00	\$0.00
26	REM.EX.HYDRNT	EA	5	\$650.00	6.00	6.00	0.00	\$3,250.00	\$3,900.00
27	BARRICADES	LS	1	\$4,500.00	1.00	1.00	0.00	\$4,500.00	\$4,500.00
28	SILT FENCE	LF	600	\$4.00	578.00	578.00	0.00	\$2,400.00	\$2,312.00
29	TRENCH SAFETY	LF	2486	\$7.00	2475.00	2475.00	0.00	\$17,402.00	\$17,325.00
30	TRENCH SAFETY PLAN	LS	1	\$10,000.00	1.00	1.00	0.00	\$10,000.00	\$10,000.00
31	ABAN.EX.IN PLACE 8"VALVE	EA	5	\$125.00	7.00	7.00	0.00	\$625.00	\$875.00
32	ABAN.EX.IN PLACE FOR HYD.LEADS	EA	5	\$310.00	6.00	6.00	0.00	\$1,550.00	\$1,860.00

33	2" AIR/VAC. ASSY. w 2" GATE VALVE	EA	1	\$2,000.00	2.00	2.00	0.00	\$2,000.00	\$4,000.00
34	IRRIGATION REPAIRS	LS	1	\$5,000.00	1.00	1.00	0.00	\$5,000.00	\$5,000.00
									\$311,410.00
									\$303,256.73

PREVIOUS ESTIMATES

EST#1	\$185,596.20
EST#2	68,161.71
EST#3	19,173.15
EST#4	
EST#5	

TOTAL PREVIOUS PAYMENTS \$272,931.06

ORIGINAL CONTRACT AMOUNT \$311,410.00
 AMOUNT OF WORK COMPLETED \$311,410.00
 APPROVED CHANGE ORDERS \$0.00
 TOTAL COMPLETED TO DATE \$303,256.73
 LESS 10% RETAINAGE \$0.00

AMOUNT PREVIOUSLY PAID \$272,931.06
 TOTAL AMOUNT DUE THIS ESTIMATE \$30,325.67

RYCON INC

13221 BEE ST.
 FARMERS BRANCH TX. 75234
 PH#972.484.0968 / FX#972.484.8974

Dennis R Gullett
 DENNIS R GULLEY DATE 10/9/02
Steve Christopherson
 APPROVED BY DATE

MONTHLY PAY ESTIMATE
MARSH LN. WATER LINE REP.
ADDISON

ESTIMATE NO: 3 incentive FROM: 08/31/02 TO: 01/00/00

JOB#275

BID ITEM	PAVING & DRAINAGE ITEMS	UNIT	BID QTY	UNIT COST	QUAN. TO DATE	PREVIOUS COMPLETE	MONTHLY TOTAL	CONTRACT AMOUNT	VALUE OF WORK COMPLETE
1	8"PVC WATER LINE OPEN CUT	LF	2015	\$36.00	1912.00	2048.00	-136.00	\$72,540.00	\$68,832.00
2	8"PVC WATER LINE BORED(16")	LF	390	\$49.00	493.00	357.00	136.00	\$19,110.00	\$24,157.00
3	6"PVC WATER LINE OPEN CUT	LF	85	\$38.00	75.00	75.00	0.00	\$3,230.00	\$2,860.00
4	2"SERVICE CONNECTION	EA	15	\$1,200.00	12.00	12.00	0.00	\$18,000.00	\$14,400.00
5	NEW METER w BOX	EA	18	\$450.00	24.00	24.00	0.00	\$8,100.00	\$10,800.00
6	8"GATEVALVE	EA	9	\$725.00	9.00	9.00	0.00	\$6,525.00	\$6,525.00
7	6"GATEVALVE	EA	7	\$600.00	7.00	7.00	0.00	\$4,200.00	\$4,200.00
8	STAN.FIRE HYDRANT	EA	7	\$1,775.00	7.00	7.00	0.00	\$12,425.00	\$12,425.00
9	2"COPPER WATER LINE	LF	160	\$20.00	130.00	130.00	0.00	\$3,200.00	\$2,600.00
10	CUT & PLUG 8"	EA	5	\$850.00	5.00	5.00	0.00	\$4,250.00	\$4,250.00
11	CONNECT TO EX.8"	EA	4	\$1,650.00	4.00	4.00	0.00	\$6,600.00	\$6,600.00
12	DI FITTINGS	LBS	1	\$5,000.00	1.00	1.00	0.00	\$5,000.00	\$5,000.00
13	REM.EX.6"S.S./REPL.W 6"PVC	LF	36	\$75.00	0.00	0.00	0.00	\$2,700.00	\$0.00
14	CONNECT TO EX.6" SAN.SEW.	EA	4	\$800.00	0.00	0.00	0.00	\$3,200.00	\$0.00
15	REM.EX.8"PAVING	SY	600	\$10.00	656.75	656.75	0.00	\$6,000.00	\$6,567.50
16	NEW 10"PAVING	SY	600	\$40.00	656.75	656.75	0.00	\$24,000.00	\$26,270.00
17	REM.&REP. 8"CONC.DRIVE	SY	325	\$33.00	230.81	230.81	0.00	\$10,725.00	\$7,616.73
18	REM.&REP. H.MAC PAVING	TN	50	\$75.00	15.00	0.00	15.00	\$3,750.00	\$1,125.00
19	REM.&REP. 4" SIDEWALK	SY	300	\$35.00	339.00	339.00	0.00	\$10,500.00	\$11,865.00
20	1" H.MAC OVERLAY	TN	150	\$61.00	240.50	0.00	240.50	\$9,150.00	\$14,670.50
21	REM.&REP.6" MONO CURB w DOWELS	LF	150	\$9.00	251.00	251.00	0.00	\$1,350.00	\$2,259.00
22	REM.&REP.6" MONO CURB AND GUTTER	LF	632	\$15.00	268.00	268.00	0.00	\$9,480.00	\$4,020.00
23	FULL DEPTH SAW CUT	LF	3262	\$4.00	3178.00	3178.00	0.00	\$13,048.00	\$12,712.00
24	SOD	AC	0.25	\$22,000.00	0.17	0.00	0.17	\$5,500.00	\$3,740.00
25	REM.EX.TREES&REP.W 3"BRADFORD PEARS	EA	3	\$700.00	0.00	0.00	0.00	\$2,100.00	\$0.00
26	REM.EX.HYDRNT	EA	5	\$650.00	6.00	6.00	0.00	\$3,250.00	\$3,900.00
27	BARRICADES	LS	1	\$4,500.00	1.00	1.00	0.00	\$4,500.00	\$4,500.00
28	SILT FENCE	LF	600	\$4.00	578.00	578.00	0.00	\$2,400.00	\$2,312.00
29	TRENCH SAFETY	LF	2486	\$7.00	2475.00	2475.00	0.00	\$17,402.00	\$17,325.00
30	TRENCH SAFETY PLAN	LS	1	\$10,000.00	1.00	1.00	0.00	\$10,000.00	\$10,000.00
31	ABAN.EX.IN PLACE 8"VALVE	EA	5	\$125.00	7.00	7.00	0.00	\$625.00	\$875.00
32	ABAN.EX.IN PLACE FOR HYD.LEADS	EA	5	\$310.00	6.00	6.00	0.00	\$1,550.00	\$1,860.00

33	2" AIR/VAC. ASSY. w 2" GATE VALVE	EA	1	\$2,000.00	2.00	2.00	0.00	\$2,000.00	\$4,000.00
34	IRRIGATION REPAIRS	LS	1	\$5,000.00	1.00	1.00	0.00	\$5,000.00	\$5,000.00
A	INCENTIVE	LS	1	\$25,000.00	0.92	0.00	0.92	\$25,000.00	\$23,000.00
									\$336,410.00

\$326,256.73

PREVIOUS ESTIMATES

EST#1	\$185,596.20
EST#2	68,161.71
EST#3	\$19,173.15
RETAINAGE	\$30,325.67
EST#5	
TOTAL PREVIOUS PAYMENTS	\$303,256.73

ORIGINAL CONTRACT AMOUNT	\$336,410.00
AMOUNT OF WORK COMPLETED	\$326,256.73
APPROVED CHANGE ORDERS	\$0.00
TOTAL COMPLETED TO DATE	\$326,256.73
LESS 10% RETAINAGE	\$0.00

AMOUNT PREVIOUSLY PAID	\$303,256.73
TOTAL AMOUNT DUE THIS ESTIMATE	\$23,000.00

RYCON INC
 13221 BEE ST.
 FARMERS BRANCH TX. 75234
 PH#972.484.0968 / FX#972.484.8974

Dennis R. Givley
 DENNIS R GIVLEY DATE 10/9/02

Stan C. Chute
 APPROVED BY DATE

#2b-1

Passed
10-8-02

Council Agenda Item: #2b

SUMMARY:

This item is for final payment and acceptance of improvements performed by Rycon, Inc., for the Marsh Lane Water Main Replacement Project.

FINANCIAL IMPACT:

Budgeted Amount: \$500,000.00

Construction/ Incentive Cost: \$326,256.73

Source of Funds: Funds are available from FY 2001-02 Water and Sewer Fund, as indicated in the Five Year Capital Replacement Program.

BACKGROUND:

The Public Works Department established a need for the replacement of an existing 8" water main along the east side of Marsh Lane, from Brookhaven Club Drive to Spring Valley Road. This project was the result of numerous water main breaks in the area that continuously disrupted service to adjacent commercial businesses. A contract was awarded to Rycon, Inc. for construction of this project. The original contract price for these improvements was \$311,410.00. The final construction cost of this project was \$303,256.73, which represents an \$8,153.27 reduction from the original contract amount. In addition, this project included an incentive/disincentive provision, whereby, the contractor would be awarded \$1,000.00 per day for early completion of the project, to a maximum award of \$25,000. The Town acknowledged the successful completion of the construction improvements 23 calendar days prior to the established 90 day period set forth in the contract. Consequently, the total value of this project is increased by \$23,000.00 (23 days x \$1,000/day) to \$326,256.73, which reflects the addition of the incentive payment to the final construction cost.

The contractor has submitted his Affidavit of Bills Paid, Consent of Surety Company to Final Payment, and One-Year Maintenance Bond.

RECOMMENDATION:

Staff recommends that Council authorize final payment of \$53,325.67, which includes an incentive payment, to Rycon, Inc., and accept construction of the Marsh Lane Water Main Replacement Project.

MONTHLY PAY ESTIMATE
MARSH LN. WATER LINE REP.
ADDISON

ESTIMATE NO: 3

retainage

FROM: 08/31/02

TO: 01/00/00

JOB#275

BID ITEM	PAVING & DRAINAGE ITEMS	UNIT	BID QTY	UNIT COST	QUAN TO DATE	PREVIOUS COMPLETE	MONTHLY TOTAL	CONTRACT AMOUNT	VALUE OF WORK COMPLETE
1	8"PVC WATER LINE OPEN CUT	LF	2015	\$36.00	1912.00	2048.00	-136.00	\$72,540.00	\$68,832.00
2	8"PVC WATER LINE BORED(16")	LF	390	\$49.00	493.00	357.00	136.00	\$19,110.00	\$24,157.00
3	6"PVC WATER LINE OPEN CUT	LF	85	\$38.00	75.00	75.00	0.00	\$3,230.00	\$2,850.00
4	2"SERVICE CONNECTION	EA	15	\$1,200.00	12.00	12.00	0.00	\$18,000.00	\$14,400.00
5	NEW METER w BOX	EA	18	\$450.00	24.00	24.00	0.00	\$8,100.00	\$10,800.00
6	8"GATEVALVE	EA	9	\$725.00	9.00	9.00	0.00	\$6,525.00	\$6,525.00
7	6"GATEVALVE	EA	7	\$600.00	7.00	7.00	0.00	\$4,200.00	\$4,200.00
8	STAN.FIRE HYDRANT	EA	7	\$1,775.00	7.00	7.00	0.00	\$12,425.00	\$12,425.00
9	2"COPPER WATER LINE	LF	160	\$20.00	130.00	130.00	0.00	\$3,200.00	\$2,600.00
10	CUT & PLUG 8"	EA	5	\$850.00	5.00	5.00	0.00	\$4,250.00	\$4,250.00
11	CONNECT TO EX.8"	EA	4	\$1,650.00	4.00	4.00	0.00	\$6,600.00	\$6,600.00
12	DIFITTINGS	LBS	1	\$5,000.00	1.00	1.00	0.00	\$5,000.00	\$5,000.00
13	REM.EX.6"S.S./REPL.w 6"PVC	LF	36	\$75.00	0.00	0.00	0.00	\$2,700.00	\$0.00
14	CONNECT TO EX.6"SAN.SEW.	EA	4	\$800.00	0.00	0.00	0.00	\$3,200.00	\$0.00
15	REM.EX.8"PAVING	SY	600	\$10.00	656.75	656.75	0.00	\$6,000.00	\$6,567.50
16	NEW 10"PAVING	SY	600	\$40.00	656.75	656.75	0.00	\$24,000.00	\$26,270.00
17	REM.&REP.8"CONC.DRIVE	SY	325	\$33.00	230.81	230.81	0.00	\$10,725.00	\$7,616.73
18	REM.&REP. HMAC PAVING	TN	50	\$75.00	15.00	0.00	15.00	\$3,750.00	\$1,125.00
19	REM.&REP. 4" SIDEWALK	SY	300	\$35.00	339.00	339.00	0.00	\$10,500.00	\$11,865.00
20	1" HMAC OVERLAY	TN	150	\$61.00	240.50	0.00	240.50	\$9,150.00	\$14,670.50
21	REM.& REP.6"MONO CURB w DOWELS	LF	150	\$9.00	251.00	251.00	0.00	\$1,350.00	\$2,259.00
22	REM.& REP.6"MONO CURB AND GUTTER	LF	632	\$15.00	268.00	268.00	0.00	\$9,480.00	\$4,020.00
23	FULL DEPTH SAW CUT	LF	3262	\$4.00	3178.00	3178.00	0.00	\$13,048.00	\$12,712.00
24	SOD	AC	0.25	\$22,000.00	0.17	0.00	0.17	\$5,500.00	\$3,740.00
25	REM.EX.TREES&REP.w 3"BRADFORD PEARS	EA	3	\$700.00	0.00	0.00	0.00	\$2,100.00	\$0.00
26	REM.EX.HYDRNT	EA	5	\$650.00	6.00	6.00	0.00	\$3,250.00	\$3,900.00
27	BARRICADES	LS	1	\$4,500.00	1.00	1.00	0.00	\$4,500.00	\$4,500.00
28	SILT FENCE	LF	600	\$4.00	578.00	578.00	0.00	\$2,400.00	\$2,312.00
29	TRENCH SAFETY	LF	2486	\$7.00	2475.00	2475.00	0.00	\$17,402.00	\$17,325.00
30	TRENCH SAFETY PLAN	LS	1	\$10,000.00	1.00	1.00	0.00	\$10,000.00	\$10,000.00
31	ABAN.EX.IN PLACE 8"VALVE	EA	5	\$125.00	7.00	7.00	0.00	\$625.00	\$875.00
32	ABAN.EX.IN PLACE FOR HYD.LEADS	EA	5	\$310.00	6.00	6.00	0.00	\$1,550.00	\$1,860.00

A20-2

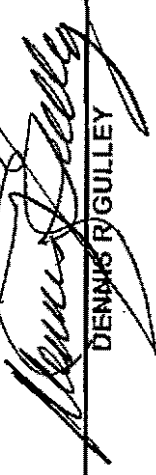
33	2" AIR/VAC. ASSY. w 2" GATE VALVE	EA	1	\$2,000.00	2.00	2.00	0.00	\$2,000.00	\$4,000.00
34	IRRIGATION REPAIRS	LS	1	\$5,000.00	1.00	1.00	0.00	\$5,000.00	\$5,000.00
									\$311,410.00
									\$303,256.73

PREVIOUS ESTIMATES

EST#1	\$185,596.20
EST#2	68,161.71
EST#3	19,173.15
EST#4	
EST#5	

TOTAL PREVIOUS PAYMENTS \$272,931.06

RYCON INC
 13221 BEE ST.
 FARMERS BRANCH TX. 75234
 PH#972.484.0968 / FX#972.484.8974


 DENNIS R. GULLEY DATE

APPROVED BY _____ DATE _____

ORIGINAL CONTRACT AMOUNT \$311,410.00
 AMOUNT OF WORK COMPLETED \$303,256.73
 APPROVED CHANGE ORDERS \$0.00
 TOTAL COMPLETED TO DATE \$303,256.73
 LESS 10% RETAINAGE \$0.00
 AMOUNT PREVIOUSLY PAID \$272,931.06
 TOTAL AMOUNT DUE THIS ESTIMATE \$30,325.1

MONTHLY PAY ESTIMATE
MARSH LN. WATER LINE REP.
ADDISON

JOB#275

ESTIMATE NO: 3

incentive

FROM: 08/31/02

TO: 01/00/00

BID ITEM	PAVING & DRAINAGE ITEMS	UNIT	BID QTY	UNIT COST	QUAN. TO DATE	PREVIOUS COMPLETE	MONTHLY TOTAL	CONTRACT AMOUNT	VALUE OF WORK COMPLETE
1	8"PVC WATER LINE OPEN CUT	LF	2015	\$36.00	1912.00	2048.00	-136.00	\$72,540.00	\$68,832.00
2	8"PVC WATER LINE BORED(16")	LF	390	\$49.00	493.00	357.00	136.00	\$19,110.00	\$24,157.00
3	6"PVC WATER LINE OPEN CUT	LF	85	\$38.00	75.00	75.00	0.00	\$3,230.00	\$2,850.00
4	2"SERVICE CONNECTION	EA	15	\$1,200.00	12.00	12.00	0.00	\$18,000.00	\$14,400.00
5	NEW METER w BOX	EA	18	\$450.00	24.00	24.00	0.00	\$8,100.00	\$10,800.00
6	8"GATEVALVE	EA	9	\$725.00	9.00	9.00	0.00	\$6,525.00	\$6,525.00
7	6"GATEVALVE	EA	7	\$600.00	7.00	7.00	0.00	\$4,200.00	\$4,200.00
8	STAN.FIRE HYDRANT	EA	7	\$1,775.00	7.00	7.00	0.00	\$12,425.00	\$12,425.00
9	2"COPPER WATER LINE	LF	160	\$20.00	130.00	130.00	0.00	\$3,200.00	\$2,600.00
10	CUT & PLUG 8"	EA	5	\$850.00	5.00	5.00	0.00	\$4,250.00	\$4,250.00
11	CONNECT TO EX.8"	EA	4	\$1,650.00	4.00	4.00	0.00	\$6,600.00	\$6,600.00
12	DI FITTINGS	LBS	1	\$5,000.00	1.00	1.00	0.00	\$5,000.00	\$5,000.00
13	REM.EX.6"S.S./REPL.w 6"PVC	LF	36	\$75.00	0.00	0.00	0.00	\$2,700.00	\$0.00
14	CONNECT TO EX.6"SAN.SEW.	EA	4	\$800.00	0.00	0.00	0.00	\$3,200.00	\$0.00
15	REM.EX.8"PAVING	SY	600	\$10.00	656.75	656.75	0.00	\$6,000.00	\$6,567.50
16	NEW 10"PAVING	SY	600	\$40.00	656.75	656.75	0.00	\$24,000.00	\$26,270.00
17	REM.&REP..8"CONC.DRIVE	SY	325	\$33.00	230.81	230.81	0.00	\$10,725.00	\$7,616.73
18	REM.&REP. HMAC PAVING	TN	50	\$75.00	15.00	0.00	15.00	\$3,750.00	\$1,125.00
19	REM.&REP. 4" SIDEWALK	SY	300	\$35.00	339.00	339.00	0.00	\$10,500.00	\$11,865.00
20	1" HMAC OVERLAY	TN	150	\$61.00	240.50	0.00	240.50	\$9,150.00	\$14,670.50
21	REM. & REP.6" MONO CURB w DOWELS	LF	150	\$9.00	251.00	251.00	0.00	\$1,350.00	\$2,259.00
22	REM. & REP.6" MONO CURB AND GUTTER	LF	632	\$15.00	268.00	268.00	0.00	\$9,480.00	\$4,020.00
23	FULL DEPTH SAW CUT	LF	3262	\$4.00	3178.00	3178.00	0.00	\$13,048.00	\$12,712.00
24	SOD	AC	0.25	\$22,000.00	0.17	0.00	0.17	\$5,500.00	\$3,740.00
25	REM.EX.TREES&REP.w 3"BRADFORD PEARS	EA	3	\$700.00	0.00	0.00	0.00	\$2,100.00	\$0.00
26	REM.EX.HYDRNT	EA	5	\$650.00	6.00	6.00	0.00	\$3,250.00	\$3,900.00
27	BARRICADES	LS	1	\$4,500.00	1.00	1.00	0.00	\$4,500.00	\$4,500.00
28	SILT FENCE	LF	600	\$4.00	578.00	578.00	0.00	\$2,400.00	\$2,312.00
29	TRENCH SAFETY	LF	2486	\$7.00	2475.00	2475.00	0.00	\$17,402.00	\$17,325.00
30	TRENCH SAFETY PLAN	LS	1	\$10,000.00	1.00	1.00	0.00	\$10,000.00	\$10,000.00
31	ABAN.EX.IN PLACE 8"VALVE	EA	5	\$125.00	7.00	7.00	0.00	\$625.00	\$875.00
32	ABAN.EX.IN PLACE FOR HYD.LEADS	EA	5	\$310.00	6.00	6.00	0.00	\$1,550.00	\$1,860.00

33	2" AIR/VAC. ASSY. w 2" GATE VALVE	EA	1	\$2,000.00	2.00	2.00	0.00	\$2,000.00	\$4,000.00
34	IRRIGATION REPAIRS	LS	1	\$5,000.00	1.00	1.00	0.00	\$5,000.00	\$5,000.00
A	INCENTIVE	LS	1	\$25,000.00	0.92	0.00	0.92	\$25,000.00	\$23,000.00
									\$336,410.00

\$336,410.00

PREVIOUS ESTIMATES

EST#1	\$185,596.20
EST#2	68,161.71
EST#3	\$19,173.15
RETAINAGE	\$30,325.67
EST#5	
TOTAL PREVIOUS PAYMENTS	\$303,256.73

ORIGINAL CONTRACT AMOUNT
 AMOUNT OF WORK COMPLETED
 APPROVED CHANGE ORDERS
 TOTAL COMPLETED TO DATE
 LESS 10% RETAINAGE

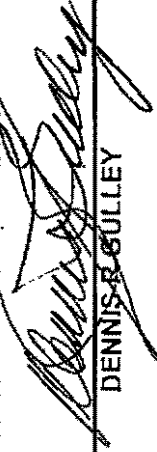
\$336,410.00
 \$336,410.00
 \$0.00
 \$326,256.73
 \$0.00

AMOUNT PREVIOUSLY PAID
 TOTAL AMOUNT DUE THIS ESTIMATE

\$303,256.73
 \$23,000.00

RYCON INC

13221 BEE ST.
 FARMERS BRANCH TX. 75234
 PH#972.484.0968 / FX#972.484.8974


 DENNIS R. GULLEY

DATE

DATE

APPROVED BY

DATE SUBMITTED: September 27, 2002
FOR COUNCILL MEETING: October 8, 2002

Council Agenda Item:

SUMMARY:

This item is for final payment and acceptance of improvements performed by Rycon, Inc., for the Marsh Lane Water Main Replacement Project.

FINANCIAL IMPACT:

Budgeted Amount: \$500,000.00

Construction/ Incentive Cost: \$326,256.73

Source of Funds: Funds are available from FY 2001-02 Water and Sewer Fund, as indicated in the Five Year Capital Replacement Program.

BACKGROUND:

The Public Works Department established a need for the replacement of an existing 8" water main along the east side of Marsh Lane, from Brookhaven Club Drive to Spring Valley Road. This project was the result of numerous water main breaks in the area that continuously disrupted service to adjacent commercial businesses. A contract was awarded to Rycon, Inc. for construction of this project. The original contract price for these improvements was \$311,410.00. The final construction cost of this project was \$303,256.73, which represents an \$8,153.27 reduction from the original contract amount. In addition, this project included an incentive/disincentive provision, whereby, the contractor would be awarded \$1,000.00 per day for early completion of the project, to a maximum award of \$25,000. The Town acknowledged the successful completion of the construction improvements 23 calendar days prior to the established 90 day period set forth in the contract. Consequently, the total value of this project is increased by \$23,000.00 (23 days x \$1,000/day) to \$326,256.73, which reflects the addition of the incentive payment to the final construction cost.

The contractor has submitted his Affidavit of Bills Paid, Consent of Surety Company to Final Payment, and One-Year Maintenance Bond.

RECOMMENDATION:

Staff recommends that Council authorize final payment of \$53,325.67, which includes an incentive payment, to Rycon, Inc., and accept construction of the Marsh Lane Water Main Replacement Project.

MONTHLY PAY ESTIMATE
MARSH LN. WATER LINE REP.
ADDISON

ESTIMATE NO: 3

retainage

FROM: 08/31/02

TO: 01/00/00

JOB#275

BID ITEM	PAVING & DRAINAGE ITEMS	UNIT	BID QTY	UNIT COST	QUAN. TO DATE	PREVIOUS COMPLETE	MONTHLY TOTAL	CONTRACT AMOUNT	VALUE OF WORK COMPLETE
1	8"PVC WATER LINE OPEN CUT	LF	2015	\$36.00	1912.00	2048.00	-136.00	\$72,540.00	\$68,832.00
2	8"PVC WATER LINE BORED(16")	LF	390	\$49.00	493.00	357.00	136.00	\$19,110.00	\$24,157.00
3	6"PVC WATER LINE OPEN CUT	LF	85	\$38.00	75.00	75.00	0.00	\$3,230.00	\$2,850.00
4	2"SERVICE CONNECTION	EA	15	\$1,200.00	12.00	12.00	0.00	\$18,000.00	\$14,400.00
5	NEW METER w BOX	EA	18	\$450.00	24.00	24.00	0.00	\$8,100.00	\$10,800.00
6	8"GATEVALVE	EA	9	\$725.00	9.00	9.00	0.00	\$6,525.00	\$6,525.00
7	6"GATEVALVE	EA	7	\$600.00	7.00	7.00	0.00	\$4,200.00	\$4,200.00
8	STAN.FIRE HYDRANT	EA	7	\$1,775.00	7.00	7.00	0.00	\$12,425.00	\$12,425.00
9	2"COPPER WATER LINE	LF	160	\$20.00	130.00	130.00	0.00	\$3,200.00	\$2,600.00
10	CUT & PLUG 8"	EA	5	\$850.00	5.00	5.00	0.00	\$4,250.00	\$4,250.00
11	CONNECT TO EX.8"	EA	4	\$1,650.00	4.00	4.00	0.00	\$6,600.00	\$6,600.00
12	DI FITTINGS	LBS	1	\$5,000.00	1.00	1.00	0.00	\$5,000.00	\$5,000.00
13	REM.EX.6"S.S./REPL.w 6"PVC	LF	36	\$75.00	0.00	0.00	0.00	\$2,700.00	\$0.00
14	CONNECT TO EX.6"SAN.SEW.	EA	4	\$800.00	0.00	0.00	0.00	\$3,200.00	\$0.00
15	REM.EX.8"PAVING	SY	600	\$10.00	656.75	656.75	0.00	\$6,000.00	\$6,567.50
16	NEW 10"PAVING	SY	600	\$40.00	656.75	656.75	0.00	\$24,000.00	\$26,270.00
17	REM.&REP. 8"CONC.DRIVE	SY	325	\$33.00	230.81	230.81	0.00	\$10,725.00	\$7,616.73
18	REM.&REP. HMAC PAVING	TN	50	\$75.00	15.00	0.00	15.00	\$3,750.00	\$1,125.00
19	REM.&REP. 4" SIDEWALK	SY	300	\$35.00	339.00	339.00	0.00	\$10,500.00	\$11,865.00
20	1" HMAC OVERLAY	TN	150	\$61.00	240.50	0.00	240.50	\$9,150.00	\$14,670.50
21	REM. & REP. 6" MONO CURB w DOWELS	LF	150	\$9.00	251.00	251.00	0.00	\$1,350.00	\$2,259.00
22	REM. & REP. 6" MONO CURB AND GUTTER	LF	632	\$15.00	268.00	268.00	0.00	\$9,480.00	\$4,020.00
23	FULL DEPTH SAW CUT	LF	3262	\$4.00	3178.00	3178.00	0.00	\$13,048.00	\$12,712.00
24	SOD	AC	0.25	\$22,000.00	0.17	0.00	0.17	\$5,500.00	\$3,740.00
25	REM.EX.TREES&REP.w 3"BRADFORD PEARS	EA	3	\$700.00	0.00	0.00	0.00	\$2,100.00	\$0.00
26	REM.EX.HYDRNT	EA	5	\$650.00	6.00	6.00	0.00	\$3,250.00	\$3,900.00
27	BARRICADES	LS	1	\$4,500.00	1.00	1.00	0.00	\$4,500.00	\$4,500.00
28	SILT FENCE	LF	600	\$4.00	578.00	578.00	0.00	\$2,400.00	\$2,312.00
29	TRENCH SAFETY	LF	2486	\$7.00	2475.00	2475.00	0.00	\$17,402.00	\$17,325.00
30	TRENCH SAFETY PLAN	LS	1	\$10,000.00	1.00	1.00	0.00	\$10,000.00	\$10,000.00
31	ABAN.EX.IN PLACE 8"VALVE	EA	5	\$125.00	7.00	7.00	0.00	\$625.00	\$875.00
32	ABAN.EX.IN PLACE FOR HYD.LEADS	EA	5	\$310.00	6.00	6.00	0.00	\$1,550.00	\$1,860.00

33	2" AIR/VAC. ASSY. w 2" GATE VALVE	EA	1	\$2,000.00	2.00	2.00	0.00	\$2,000.00	\$4,000.00
34	IRRIGATION REPAIRS	LS	1	\$5,000.00	1.00	1.00	0.00	\$5,000.00	\$5,000.00
									\$311,410.00
									\$303,256.73

PREVIOUS ESTIMATES

EST#1	\$185,596.20
EST#2	68,161.71
EST#3	19,173.15
EST#4	
EST#5	
TOTAL PREVIOUS PAYMENTS	\$272,931.06

ORIGINAL CONTRACT AMOUNT	\$311,410.00
AMOUNT OF WORK COMPLETED	\$303,256.73
APPROVED CHANGE ORDERS	\$0.00
TOTAL COMPLETED TO DATE	\$303,256.73
LESS 10% RETAINAGE	\$0.00

AMOUNT PREVIOUSLY PAID	\$272,931.06
TOTAL AMOUNT DUE THIS ESTIMATE	\$30,325.67

RYCON INC
 13221 BEE ST.
 FARMERS BRANCH TX. 75234
 PH#972.484.0968 / FX#972-484.8974

Dennis Rigulley
 DENNIS RIGULLEY DATE 10/9/02

Steve Christopherson
 APPROVED BY DATE

MONTHLY PAY ESTIMATE
MARSH LN. WATER LINE REP.
ADDISON

JOB#275

TO: 01/00/00

FROM: 08/31/02

ESTIMATE NO: 3 incentive

BID ITEM	PAVING & DRAINAGE ITEMS	UNIT	BID QTY	UNIT COST	QUAN. TO DATE	PREVIOUS COMPLETE	MONTHLY TOTAL	CONTRACT AMOUNT	VALUE OF WORK COMPLETE
1	8"PVC WATER LINE OPEN CUT	LF	2015	\$36.00	1912.00	2048.00	-136.00	\$72,540.00	\$68,832.00
2	8"PVC WATER LINE BORED(16")	LF	390	\$49.00	493.00	357.00	136.00	\$19,110.00	\$24,157.00
3	6"PVC WATER LINE OPEN CUT	LF	85	\$38.00	75.00	75.00	0.00	\$3,230.00	\$2,850.00
4	2"SERVICE CONNECTION	EA	15	\$1,200.00	12.00	12.00	0.00	\$18,000.00	\$14,400.00
5	NEW METER w BOX	EA	18	\$450.00	24.00	24.00	0.00	\$8,100.00	\$10,800.00
6	8"GATEVALVE	EA	9	\$725.00	9.00	9.00	0.00	\$6,525.00	\$6,525.00
7	6"GATEVALVE	EA	7	\$600.00	7.00	7.00	0.00	\$4,200.00	\$4,200.00
8	STAN.FIRE HYDRANT	EA	7	\$1,775.00	7.00	7.00	0.00	\$12,425.00	\$12,425.00
9	2"COPPER WATER LINE	LF	160	\$20.00	130.00	130.00	0.00	\$3,200.00	\$2,600.00
10	CUT & PLUG 8"	EA	5	\$850.00	5.00	5.00	0.00	\$4,250.00	\$4,250.00
11	CONNECT TO EX.8"	EA	4	\$1,650.00	4.00	4.00	0.00	\$6,600.00	\$6,600.00
12	DIFITTINGS	LBS	1	\$5,000.00	1.00	1.00	0.00	\$5,000.00	\$5,000.00
13	REM.EX.6"S.S./REPL.w 6"PVC	LF	36	\$75.00	0.00	0.00	0.00	\$2,700.00	\$0.00
14	CONNECT TO EX.6"SAN.SEW.	EA	4	\$800.00	0.00	0.00	0.00	\$3,200.00	\$0.00
15	REM.EX.8"PAVING	SY	600	\$10.00	656.75	656.75	0.00	\$6,000.00	\$6,567.50
16	NEW 10"PAVING	SY	600	\$40.00	656.75	656.75	0.00	\$24,000.00	\$26,270.00
17	REM.&REP. 8"CONC.DRIVE	SY	325	\$33.00	230.81	230.81	0.00	\$10,725.00	\$7,616.73
18	REM.&REP. HMAC PAVING	TN	50	\$75.00	15.00	0.00	15.00	\$3,750.00	\$1,125.00
19	REM.&REP. 4" SIDEWALK	SY	300	\$35.00	339.00	339.00	0.00	\$10,500.00	\$11,865.00
20	1" HMAC OVERLAY	TN	150	\$61.00	240.50	0.00	240.50	\$9,150.00	\$14,670.50
21	REM. & REP. 6" MONO CURB w DOWELS	LF	150	\$9.00	251.00	251.00	0.00	\$1,350.00	\$2,259.00
22	REM. & REP. 6" MONO CURB AND GUTTER	LF	632	\$15.00	268.00	268.00	0.00	\$9,480.00	\$4,020.00
23	FULL DEPTH SAW CUT	LF	3262	\$4.00	3178.00	3178.00	0.00	\$13,048.00	\$12,712.00
24	SOD	AC	0.25	\$22,000.00	0.17	0.00	0.17	\$5,500.00	\$3,740.00
25	REM.EX. TREES&REP.w 3"BRADFORD PEARS	EA	3	\$700.00	0.00	0.00	0.00	\$2,100.00	\$0.00
26	REM.EX.HYDRNT	EA	5	\$650.00	6.00	6.00	0.00	\$3,250.00	\$3,900.00
27	BARRICADES	LS	1	\$4,500.00	1.00	1.00	0.00	\$4,500.00	\$4,500.00
28	SILT FENCE	LF	600	\$4.00	578.00	578.00	0.00	\$2,400.00	\$2,312.00
29	TRENCH SAFETY	LF	2486	\$7.00	2475.00	2475.00	0.00	\$17,402.00	\$17,325.00
30	TRENCH SAFETY PLAN	LS	1	\$10,000.00	1.00	1.00	0.00	\$10,000.00	\$10,000.00
31	ABAN.EX.IN PLACE 8"VALVE	EA	5	\$125.00	7.00	7.00	0.00	\$625.00	\$875.00
32	ABAN.EX.IN PLACE FOR HYD.LEADS	EA	5	\$310.00	6.00	6.00	0.00	\$1,550.00	\$1,860.00

33	2" AIR/VAC. ASSY. w/ 2" GATE VALVE	EA	1	\$2,000.00	2.00	0.00	\$2,000.00	\$4,000.00
34	IRRIGATION REPAIRS	LS	1	\$5,000.00	1.00	0.00	\$5,000.00	\$5,000.00
A	INCENTIVE	LS	1	\$25,000.00	0.92	0.92	\$25,000.00	\$23,000.00
								\$336,410.00

\$336,410.00

PREVIOUS ESTIMATES
 EST#1 \$185,596.20
 EST#2 68,161.71
 EST#3 \$19,173.15
 RETAINAGE \$30,325.67
 EST#5

TOTAL PREVIOUS PAYMENTS \$303,256.73

ORIGINAL CONTRACT AMOUNT \$336,410.00
 AMOUNT OF WORK COMPLETED \$336,410.00
 APPROVED CHANGE ORDERS \$0.00
 TOTAL COMPLETED TO DATE \$326,256.73
 LESS 10% RETAINAGE \$0.00

AMOUNT PREVIOUSLY PAID \$303,256.73
 TOTAL AMOUNT DUE THIS ESTIMATE \$23,000.00

RYCON INC
 13221 BEE ST.
 FARMERS BRANCH TX. 75234
 PH#972.484.0968 / FX#972.484.8974

Dennis R. Gabley
 DENNIS R GABLEY DATE 10/9/02

Steve L. Christensen
 APPROVED BY DATE

SECTION BP

CONTRACTOR'S AFFIDAVIT OF BILLS PAID

STATE OF TEXAS

COUNTY OF DALLAS

Personally, before me the undersigned authority, on this day appeared MARK A HERNOON who, being
duly sworn, on oath, says that he is a legal representative of RYCON, INC
(full name of Contractor as in contract)

and that the contract for the construction of the project, designated as

Marsh Lane Water Line Replacement - From Brookhaven Club Drive to Spring Valley Road
(Project No.)

has been satisfactorily completed and that all bills for materials, apparatus, fixtures, machinery and labor used in
connection with the construction of this project have, to the best of my knowledge and belief, been fully paid.



Mark A Hernoon
Signature
President
Title

Sworn to and subscribed before me this 24 day of Sept, 2002.

Vivian Sanderson
Notary Public in and for
Dallas County, Texas

STEVEN L. THOMAS AGENCY

5201 South Colony Blvd #545
The Colony, Texas 75056

Status Inquiry

September 24, 2002

Attention: Town Of Addison
Attn: Steve Chutchian

RE: Principal: Rycon, Inc.
Project: Marsh Lane Water Line Replacement

Contract No:
Contract Amount: \$311,410.00
Effective Date: 6/11/02
Bond Number: B21860875

Dear Sir or Madam:

As agent for surety, we need a report on the progress of the job described above. Without affecting the surety's liability under the bond described above, please provide us with the following information. Your completion and prompt return of this brief inquiry via fax would be appreciated. If you prefer, a mailed response would be fine. Thank you for your assistance

1. IF THE CONTRACT IS COMPLETED, please state:
 - A.) Date of Completion: SEPT., 2002
 - B.) Date of Final Payment: 10/9/02
 - C.) Final Contract Amount: \$ 303,256.73

2. IF THE CONTRACT IS NOT COMPLETE, please state:
 - A.) Is work progressing satisfactorily? _____
 - B.) The approximate percentage complete: _____
 - C.) Amount paid to date: _____

3. Do you know of any unpaid bills for labor, materials, or subcontractors? NO!
If Yes, to whom? _____

4. Are any payments due to the contractor assigned? NO!
If Yes, to whom? _____

5. Are any liens or withhold notices filed? NO!
If Yes, from whom? _____

REMARKS: n/a

By: Steve Chutchian Date: 9/25/02
Title: ASST. CITY ENGINEER Phone: 972-450-2886

Misc curb. 5.3' + 10' + 8.3'

The Books curb + gutter 207.5'

6.3 + 4' + ~~28.9~~ + 7.8'

Driveway curb 17' + 25'

21.5' x 20.5'

24.5' x 13'

5' x 21' 46" = 9.54'

BCD SE corner

3.5 x 3.4

2.6 x 2.3

16' curb 15.3' x 7.2'

Goodyear Schwab 28' 55 curb

N. Driveway 23' W x 21.4'

33' 10' N curb

23' W x 21.1'

Greenbrook

43.5' curb + 16.5'

13.3' curb drive N side. 25.5' driveway side 18' curb S side

12' long drive

Asphalt - 6' x 7' + 3' x 17'

2.9 x 31.8

3' x 21.9' + 3' x 22.8'

4.3' x 24'

17.8
11.6
29.4

Sid. 8.6' x 378' + 11.5 x 4'

Sidewalk Greenbrook/Goodyear 6 x 25

7.6 x 5

ADA 8 x 5' + 9 x 5'

2 x 5 + 11 x 5 + 65.8' x 5 + 99.4 x 5 + 11.4 x 5

30.6' x 5'

8 x 8 + 8.3' x 8.7'

.10 x 5 8.4 x 5 + 89.2 x 5 + 37.5 x 5

9.8 x 2 + 114 x 2.1'

8.5 x 8.5 +

Approach 31.8 x 12

29.3 x 5 + 13 x 5

8.4' x 8.8' + 5.5 x 4'

16.5 x 7.5 + 9.7 x 3.3 + 10.10 x 7 + 6 x 20 + 1 radius

pavement 10.6 x 39 + 2.7 x 8.7' + 4.8 x 20.7 + 4 x 5.3 + 5.7 x 13 + 5 x 5.6

5.3' x 862.

+ 6.10 x 5.2 + 3.2 x 4.3 + 5.8 x 6.3 + 5.2 x 294

7.1 x 22 + 4 x 5.2

**TOWN OF ADDISON
PAYMENT AUTHORIZATION MEMO**

DATE: 8/8/02

Claim # _____

Check \$ 185,596.20

Vendor No. _____

Vendor Name

RYCON, INC.

Address

13221 BEE ST.

Address

FARMERS BRANCH, TX, 75234.

Address _____

Zip Code _____

INVOICE # OR DESCRIPTION	FUND	DEPT	OBJ	PROJ	SAC	AMOUNT
	(00)	(000)	(00000)	(00000)	(000)	(\$000,000.00)
	62	000	58210	93601		185,596.20

TOTAL # 185,596.20

EXPLANATION

MARSH LN. WATER REPLACEMENT
CONSTRUCTION.

Steve Christensen
Authorized Signature

Finance

MONTHLY PAY ESTIMATE
MARSH LN. WATER LINE REP.
ADDISON

ESTIMATE NO: 1

FROM: 07/08/02

TO: 07/31/02

BID ITEM	PAVING & DRAINAGE ITEMS	UNIT	BID QTY	UNIT COST	QUAN TO DATE	PREVIOUS COMPLETE	MONTHLY TOTAL	CONTRACT AMOUNT	VALUE OF WORK COMPLETE
1	8"PVC WATER LINE OPEN CUT	LF	2015	\$36.00	1806.00		1806.00	\$72,540.00	\$65,016.00
2	8"PVC WATER LINE BORED(16")	LF	390	\$49.00	357.00		357.00	\$19,110.00	\$17,493.00
3	6"PVC WATER LINE OPEN CUT	LF	85	\$38.00	70.00		70.00	\$3,230.00	\$2,660.00
4	2"SERVICE CONNECTION	EA	15	\$1,200.00	10.00		10.00	\$18,000.00	\$12,000.00
5	NEW METER w BOX	EA	18	\$450.00	0.00		0.00	\$8,100.00	\$)
6	8"GATEVALVE	EA	9	\$725.00	8.00		8.00	\$6,525.00	\$5,800.00
7	6"GATEVALVE	EA	7	\$600.00	7.00		7.00	\$4,200.00	\$4,200.00
8	STAN.FIRE HYDRANT	EA	7	\$1,775.00	7.00		7.00	\$12,425.00	\$12,425.00
9	2"COPPER WATER LINE	LF	160	\$20.00	110.00		110.00	\$3,200.00	\$2,200.00
10	CUT & PLUG 8"	EA	5	\$850.00	0.00		0.00	\$4,250.00	\$0.00
11	CONNECT TO EX.8"	EA	4	\$1,650.00	2.00		2.00	\$6,600.00	\$3,300.00
12	DI FITTINGS	LBS	1	\$5,000.00	0.95		0.95	\$5,000.00	\$4,750.00
13	REM.EX.6"S.S./REPL.w 6"PVC	LF	36	\$75.00	0.00		0.00	\$2,700.00	\$0.00
14	CONNECT TO EX.6"SAN.SEW.	EA	4	\$800.00	0.00		0.00	\$3,200.00	\$0.00
15	REM.EX.8"PAVING	SY	600	\$10.00	601.00		601.00	\$6,000.00	\$6,010.00
16	NEW 10"PAVING	SY	600	\$40.00	601.00		601.00	\$24,000.00	\$24,040.00
17	REM.&REP.8"CONC.DRIVE	SY	325	\$33.00	0.00		0.00	\$10,725.00	\$0.00
18	REM.&REP. HMAC PAVING	TN	50	\$75.00	0.00		0.00	\$3,750.00	\$0.00
19	REM.&REP. 4" SIDEWALK	SY	300	\$35.00	0.00		0.00	\$10,500.00	\$0.00
20	1" HMAC OVERLAY	TN	150	\$61.00	0.00		0.00	\$9,150.00	\$0.00
21	REM.& REP.6"MONO CURB w DOWELS	LF	150	\$9.00	39.00		39.00	\$1,350.00	\$351
22	REM.& REP.6"MONO CURB AND GUTTER	LF	632	\$15.00	0.00		0.00	\$9,480.00	\$0.00
23	FULL DEPTH SAW CUT	LF	3262	\$4.00	2273.00		2273.00	\$13,048.00	\$9,092.00
24	SOD	AC	0.25	\$22,000.00	0.00		0.00	\$5,500.00	\$0.00
25	REM.EX.TREES&REP.w 3"BRADFORD PEARS	EA	3	\$700.00	0.00		0.00	\$2,100.00	\$0.00
26	REM.EX.HYDRNT	EA	5	\$650.00	0.00		0.00	\$3,250.00	\$0.00
27	BARRICADES	LS	1	\$4,500.00	1.00		1.00	\$4,500.00	\$4,500.00
28	SILT FENCE	LF	600	\$4.00	0.00		0.00	\$2,400.00	\$0.00
29	TRENCH SAFETY	LF	2486	\$7.00	2233.00		2233.00	\$17,402.00	\$15,631.00
30	TRENCH SAFETY PLAN	LS	1	\$10,000.00	1.00		1.00	\$10,000.00	\$10,000.00
31	ABAN.EX.IN PLACE 8"VALVE	EA	5	\$125.00	0.00		0.00	\$625.00	\$0.00
32	ABAN.EX.IN PLACE FOR HYD.LEADS	EA	5	\$310.00	0.00		0.00	\$1,550.00	\$0.00

33	2" AIR/VAC ASSY. w 2" GATE VALVE	EA	1	\$2,000.00	1.00	\$2,000.00	\$2,000.00	
34	IRRIGATION REPAIRS	LS	1	\$5,000.00	0.95	\$5,000.00	\$4,750.00	
							\$311,410.00	\$206,218.00

PREVIOUS ESTIMATES

EST#1
EST#2
EST#3
EST#4
EST#5

ORIGINAL CONTRACT AMOUNT
AMOUNT OF WORK COMPLETED
APPROVED CHANGE ORDERS

TOTAL COMPLETED TO DATE
LESS 10% RETAINAGE

TOTAL PREVIOUS PAYMENTS \$0.00

AMOUNT PREVIOUSLY PAID \$0.00
TOTAL AMOUNT DUE THIS ESTIMATE \$185,500.00

RYCON INC

13221 BEE ST.
FARMERS BRANCH TX. 75234
PH#972.484.0968 / FX#972.484.8974

Dennis R Gully
DENNIS R GULLEY DATE 07-31-02

Dave E Wise
APPROVED BY DATE 08/02/02

O.K. TO PAY!
S2C
8/8/02

TRENCH SAFETY
SPECIFICATIONS
FOR
MARSH LANE WATER LINE

CITY OF
ADDISON, TEXAS

Prepared for
RYCON CONSTRUCTION

Project # 6915

TREN-TECH COMPANY
828 HOWELL DR.
COPPELL, TEXAS 75019
972-304-2171



I have reviewed these Trench Safety Guidelines and find that the recommendations and procedures conform to OSHA guidelines and regulations. The calculations herein are consistent with generally accepted engineering practice.

William P. Price, P.E.
REGISTERED PROFESSIONAL ENGINEER

7.3.02
DATE

1.0 DESIGN ASSUMPTIONS

- 1.1 General. These specifications cover the basic requirements for shoring and/or sloping of excavations for the installation of WATER LINES for the MARSH LANE WATER LINE REPLACEMENT in the CITY of ADDISON, TEXAS.
- 1.2 This specification addresses the safety of workers in a trench excavation and does not, in any way relieve the Contractor of his responsibility and liability to ensure the safety of the project and workers.
- 1.3 It is not the intent of these specifications to specify every detail and procedure of the trenching/shoring operations; nevertheless, they shall conform to the high standards of engineering and of safe trench excavation.
- 1.4 The personnel protection systems shown in these specifications have been designed based on information obtained from the project drawings and specifications.
- 1.5 In accordance with Revised OSHA (Appendix A to Subpart P effective March 2, 1990), the Contractor's "Competent Person" will conduct the required Soil Classification Tests. If soils other than those previously identified are found, this specification will be revised. During construction, the Contractor's "Competent Person" will monitor the soil classification as required by OSHA 1926.
- 1.6 Contractor shall be responsible for selecting the appropriate safety system option shown in these specifications, depending on trench depth and soil conditions.
- 1.7 The protection of existing structures and utilities which may be affected by these trench excavations is beyond the scope of this report (See Sect. 4.2)
- 1.8 The Contractor must identify a "Competent Person" in the Contractor's firm responsible for performing inspections of the excavations to ensure that expected subsurface conditions are present. NOTE-This person must be "Competent" as described in OSHA 1926.650(b).
- 1.9 It is the Contractor's responsibility to ensure that all excavation work and site conditions are within the regulations as established by OSHA. Any property damage or bodily injury (including death) arising from the use of these specifications, from the Contractor's negligence in performance of contract work, or from Owner's failure to note exceptions to these specifications shall remain the sole responsibility and liability of the contractor.

2.0 DEFINITIONS

- 2.1 All definitions of section 1926.653 of Subpart P, Part 1926, of the Code of Federal Regulations shall be by reference an integral part of this section.
- 2.2 "Sealing Engineer"- The engineer whose Texas seal is affixed to these specifications.
- 2.3 "The Contractor"-The contractor responsible to the owner for the excavation work described herein.
- 2.4 "Competent" as described in OSHA 1926.650(b).

3.0 APPLICABLE CODE AND STANDARDS

- 3.1 The Contractor shall perform all shoring work under this contract in accordance with all applicable codes and standard safety requirements and regulations including:
 - 3.1.1 OSHA 2207, Construction Industry Standards (Part 1926, Occupational Safety and Health Standards)
 - 3.1.2 AISC Code of Standard Practice.
 - 3.1.3 AISC Specifications of the design, fabrication, and erection of steel buildings
 - 3.1.4 AITC Timber Construction Manual
 - 3.1.5 AWS D1.1 Structural Welding Code
 - 3.1.6 The Uniform Building Code
 - 3.1.7 OSHA 2226
 - 3.1.8 U S Army Corps of Engineers EM 385-1-1
- 3.2 The latest edition (including supplements and revisions) of the above publications in effect or promulgated at the time of the bid shall apply. Equipment fabricated to codes and standards in effect at time of bid but later revised shall be acceptable provided such revisions are not required by law.

4.0 SHORING/SLOPING

4.1 Description.

This section covers the technical requirements of the trenching/shoring work.

4.2 Existing Structures.

Where existing buildings, other utilities, streets, highways, or other structures are in close proximity to the trench, or may otherwise be affected by the proposed trenching operation, the Contractor shall provide adequate protection by the use of sheeting and shoring to protect the structure, street, or highway from possible damage. In the case of utilities, the Contractor may elect to remove the utility, provided that the removal and subsequent replacement meet with the approval of the engineer, the utility owner, or whoever has jurisdiction of the structure. In all cases, it shall be the responsibility of the Contractor to protect public and private property and any person or persons who might, as a result of the Contractor's work, be injured.

4.3 General Trenching and Shoring Requirements.

The Contractor shall be solely responsible for trench safety provisions meeting the applicable requirements of the United States Department of Labor-Occupational Safety and Health Administration, including subpart P, Part 1926, of the Code of Federal Regulations. All trenching operations and procedure shall also conform to the requirements listed in this specification.

- 4.3.1 The requirements of sections 1926.650 and 1926.651 of Subpart P, Part 1926, of the Code of Federal Regulations shall be by reference an integral part of this section.

4.4 REQUIREMENTS PRIOR TO EXCAVATION

- 4.4.1 Known underground installations are shown on the site plans. It is the Contractor's responsibility to verify exact locations in the field.
- 4.4.2 Before any individual enters an excavation, the excavation will be inspected by a "Competent Person" to ensure that trench excavation has been performed according to this specification and OSHA requirements and to ensure that no anomalies are observed which may effect the safety of the trench project. Note-This person must be "Competent" as described in OSHA 1926.650(b).

4.5 REQUIREMENTS DURING EXCAVATION

- 4.5.1 During excavation, the exact location of existing underground installations shall be determined by the Contractor, and when uncovered, proper precautions and supports shall be provided so as not to cause a hazard to the workmen or the project.
- 4.5.2 Daily inspections of the excavations shall be made by the "Competent Person". If there is evidence of possible cave-ins or slides, all work in the excavation shall cease until the necessary precautions have been taken to ensure the safety of the workmen and the trench. Note-This person must be "Competent" as described in OSHA 1926.650. Excavations shall be inspected after every rainstorm or other hazard-increasing occurrence to ensure safety of the workmen and the trench.
- 4.5.3 Excavated material shall be stockpiled a distance away from the trench, so as not to affect the trench stability. The Contractor's means and methods will determine the distance. As a minimum to protect the workmen from falling debris, the toe of the stockpiled soil shall be no closer than two(2) feet from the edge of the excavation.
- 4.5.4 All precautions must be made to prevent surface water from entering the trench excavation. Adequate drainage must be provided in the area adjacent to the excavation.
- 4.5.5 Operation of heavy equipment adjacent to the edge of the trench may cause instability. The Contractor is responsible for the means and methods of excavation, and therefore, for loads imposed on the trench excavation and shoring design.
- 4.5.6 The Contractor must take precautions to protect the face of the excavation from exposure to excessive drying, water, or freezing.
- 4.5.7 Water shall not be permitted to stand in the bottom of the trench and suction pumps of adequate capacity shall be installed to ensure that such standing water is removed.
- 4.5.8 The Contractor shall provide a positive means of ensuring that hydrostatic pressure does not build up behind the shoring or shields.
- 4.5.9 If a condition requiring the use of a different method of shoring is encountered, this specification will be revised.
- 4.5.10 Remove shoring units from bottom to top as backfilling proceeds.
- 4.5.11 When backfill is within five(5) feet of the top of the trench, all shoring may be removed, unless the trench conditions indicate a hazard.
- 4.5.12 No person shall be exposed to the lower portion of the trench after shoring has been removed.

- 4.5.13 Additional shoring of larger sizes may be installed.
- 4.5.14 Ladders or other adequate means of exit must be provided and located so as to require no more than twenty-five(25) feet of lateral travel.
- 4.5.15 When two(2) trenches intersect, both trenches must be protected to a distance of not less than the depth of the deepest trench.

4.6 REQUIREMENTS FOR CONFINED SPACE

- 4.6.1 Prior to construction the contractor shall identify any areas near the proposed excavations that could expose workmen to harmful levels of atmospheric contaminants (i.e. landfills, manholes or materials storage).
- 4.6.2 During construction, before workmen are allowed in an excavation or existing structure, the contractor shall test the air quality at these previously identified areas for hazardous atmospheres in all excavations greater than four (4) feet in depth. Atmospheres containing less than 19.5 percent oxygen or more than 20 percent concentration of flammable gas shall be deemed "hazardous" adequate precautions shall be taken.
- 4.6.3 Retesting of work areas shall be conducted as often as necessary to ensure that the atmosphere remains safe for workmen.
- 4.6.4 During construction, emergency rescue equipment shall be readily available where potentially hazardous conditions are expected to develop.
- 4.6.5 As a minimum, the contractor shall have on site the following emergency equipment. Breathing apparatus, a safety harness and line, or a basket stretcher. During construction in potentially hazardous areas, the required equipment shall be attended.

SECTION 5.0
SITE SPECIFIC EXCAVATIONS
AND
SHORING SPECIFICATIONS
FOR
WATER LINES

5.1 EXCAVATIONS SPECIFIC TO THIS PROJECT

WATER LINE "A"

LOCATION	MAX. DEPTH	OPTION	NOTES
0+00 TO 2+90±			INSTALL BY OTOC
2+90± TO 8+33	11.0	I, II, III	INSTALL 8" W.L.
8+33 TO 9+28			INSTALL BY OTOC
9+28 TO 23+70.59	10.0	I, II, III	INSTALL 8" W.L.

NOTE: Trench shield(s) and/or slope (Option I or II) shall be used for personnel protection at the location of the bore pits.

OTHER PROJECT WATERLINES AND APPURTENANCES

The contractor will install other water lines and appurtenances that were not profiled on the project plans. Generally, pipe less than ten inches in diameter will require an excavation of less than five feet in depth, however, at connections to larger size pipe it is probable that excavations will exceed five feet in depth. When excavation depths greater than five feet are encountered or if there is evidence of raveling or caving for any reason including pre-disturbed soil conditions, the contractor will be required to shore or slope the excavation so as to provide a safe workplace. The contractor may use guidelines set forth in Option I, II or III for these excavations.

5.2 SHORING CONSIDERATIONS FOR THIS WORK

5.2.1 Trenches more than five(5) deep shall be shored, laid back to a stable slope, or some other equivalent means of protection shall be provided where employees may be exposed to moving ground or cave-ins. *Trenches less than five(5) feet in depth shall also be effectively protected when examination of ground indicates hazardous ground movement may be expected.*

The Contractor will have Options I, II or III for providing such protection.

5.2.2 Lateral Earth Pressure: $P = We(H+Hq)$

Assumed Soil: Clay

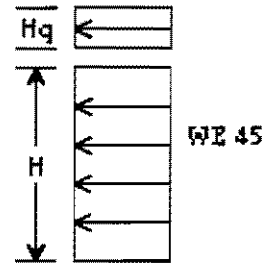
P = a uniformly distributed lateral soil pressure, in lbs./ft²

We = Effective Soil Weight, pcf(Use 45 pcf Type "B" Soil)

H = Depth of excavation from top of supported bank to bottom of excavation in feet.

Hq = Equivalent Height of Surcharge, in feet.

Reference OSHA Rules and Regulations-Part 1926 of 29 CFR
as amended by the Federal Register Volume 54, Number 209,
October 31, 1989



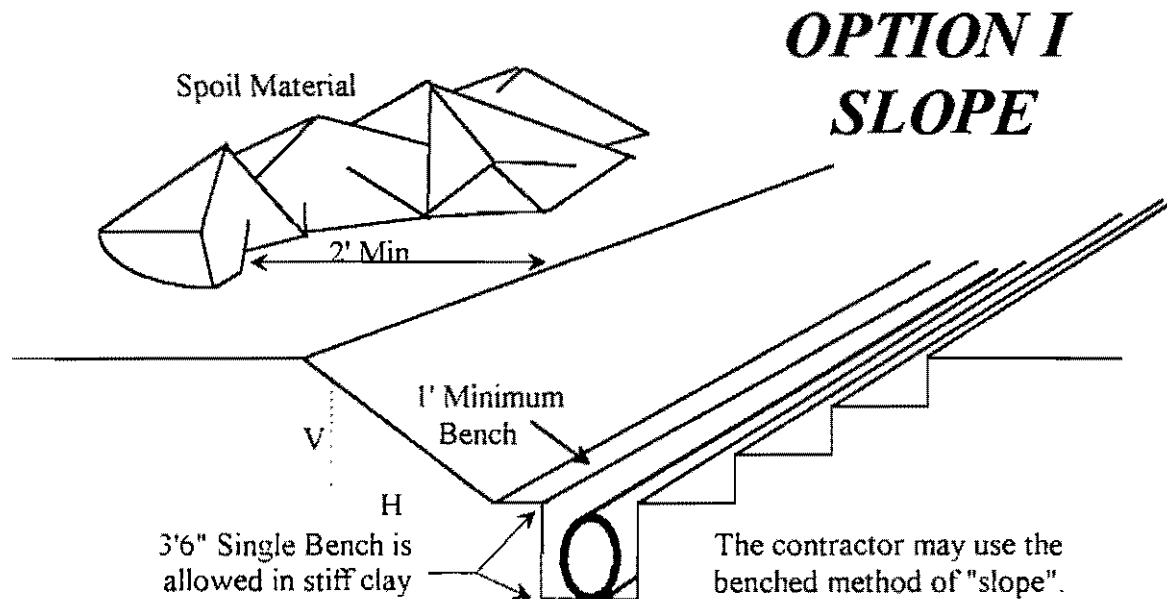
Maximum anticipated lateral earth pressure for this project is 585 "PSF"

5.2.3 Option I The Contractor can use Slope as shown in the Option I section of the specification. Applicable slopes may be obtained by either straight cut or benched method. Vertical cuts for the benched method shall not exceed four(4) feet. Easement restrictions may limit the use of this option. See Drawing Option I.

5.2.4 Option II The Contractor may use a Trench Shield as shown in the Option II section of this specification. Requirements set forth in this Option shall include curricular trench shield(s) and or manhole boxes. All slopes above trench shield(s) shall conform to guidelines set forth in Option I. Trench shield(s) used on this project will be required to carry a minimum "PSF" as specified. Certification of trench shield(s) or manufacturer's "tabulated data" shall be available for verification during construction. See Drawing Option II.

5.2.5 Option III The Contractor can use Trench Shores as shown in the Option III Section of this specification. Shores are to be installed as shown with horizontal spacing determined by the depth of cut and soil type but shall not exceed 6 feet. See Drawing Option III. If there is raveling of the trench wall, the contractor shall install plywood behind the shores as shown on the Option III drawing.

TRENCH SAFETY SPECIFICATIONS



H/V - REQUIRED SLOPE PER SOIL TYPE

H/V = ¾ to 1	Stiff clay less than 12 feet in depth (Type "A")
H/V = 1 to 1	Stiff clay or weathered limestone (Type "A" or "B")
H/V = 1½ to 1	Silty clays or saturated material (Type "C")
H/V = 2 to 1	Fill material or loose soil.

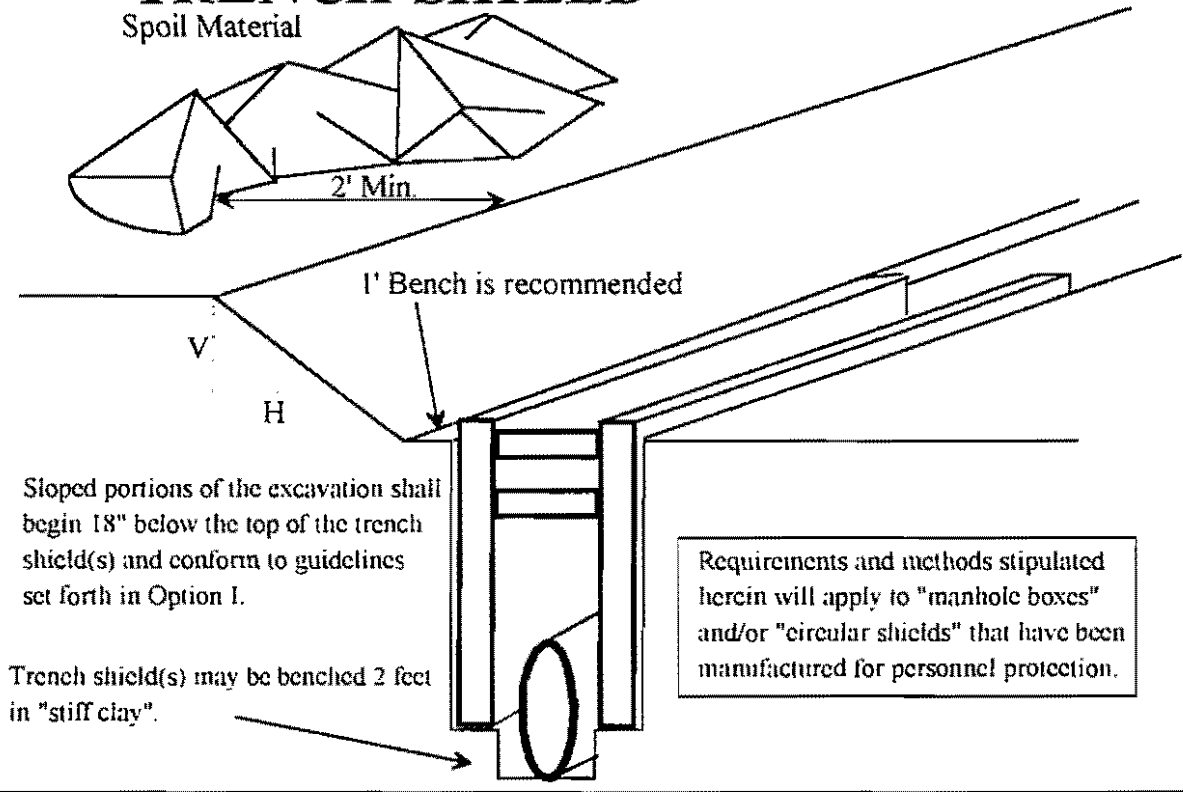
NOTES

1. All trenches shall be dewatered as specified in 4.5.7
2. All slopes assume sufficient right-of-way exists.
3. All slopes shall be flattened an additional ½ foot if an existing parallel utility line is located within the horizontal distance equal to the depth of the new utility excavation.
4. No spoil or equipment shall be permitted nearer than 2 feet from the edge of the excavation.
5. A single 3' 6" vertical bench may be used in "stiff clay" only.
6. Exposed existing utility lines are to be supported.

TRENCH SAFETY SPECIFICATIONS

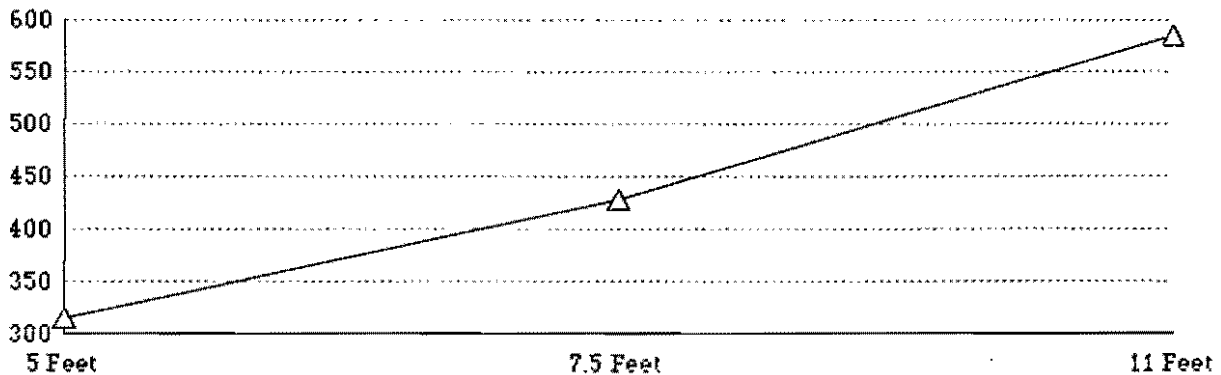
OPTION II

TRENCH SHIELD



NOTES

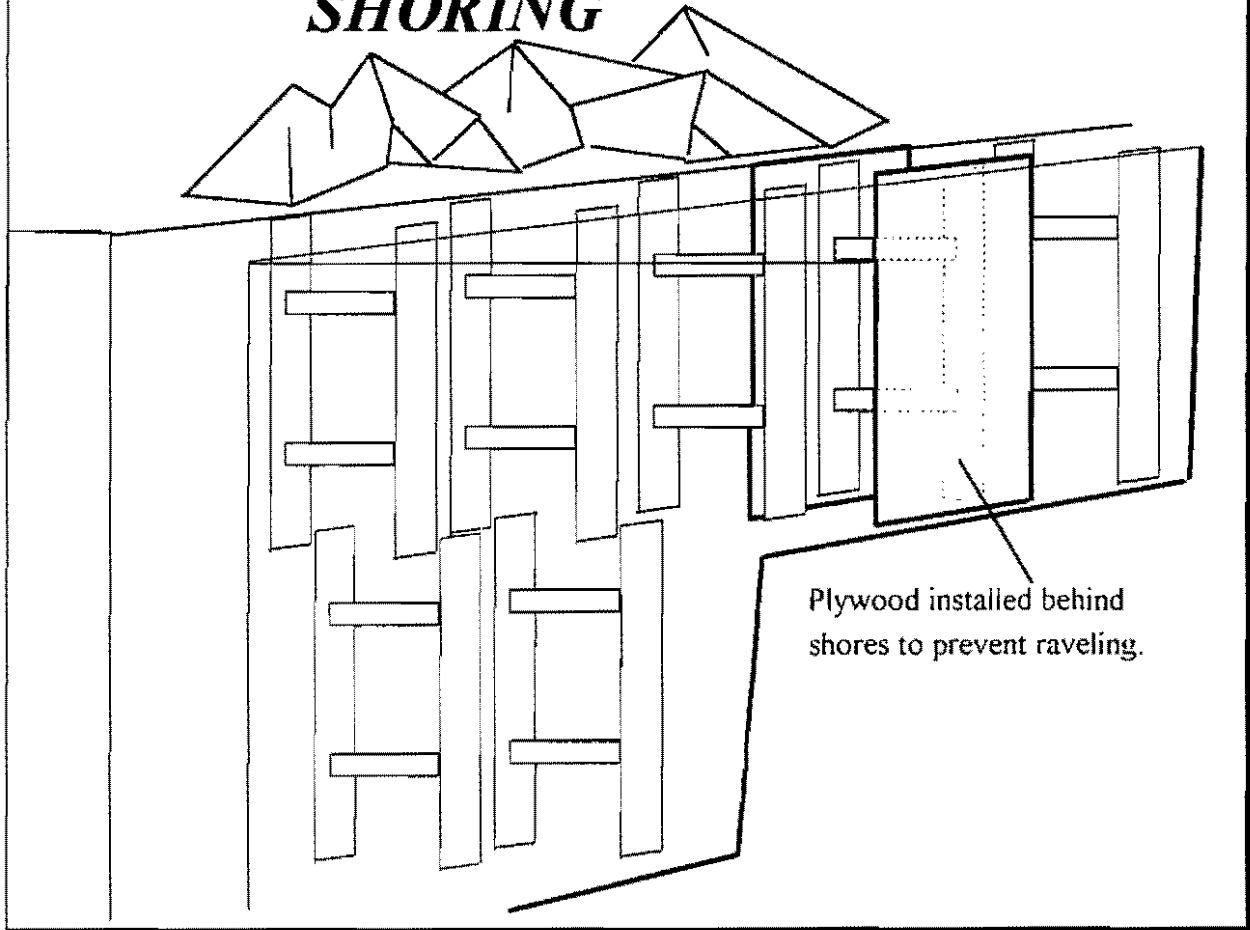
1. Trench shields shall be inspected and be free of structural defects that may impair their proper function.
2. Trench shields shall be used in accordance with the manufacturer's guidelines and recommendations.
3. Trench shields shall be installed so as to prevent any lateral or other hazardous movement.
4. Personnel shall not be allowed in the trench shield during its installation or removal from the excavation.
5. When shield(s) are stacked, the upper shield shall be rated for its physical depth in the trench.
6. Trench shield(s) used on this project shall be rated to withstand anticipated "PSF" (left side of graph) for depth of cut indicated below. Manufacture's tabulated data or certification shall be maintained on site.



TRENCH SAFETY SPECIFICATIONS

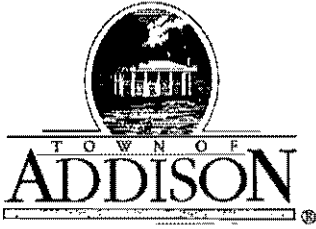
OPTION III

SHORING



NOTES

1. Shores shall be double stacked when trench depths exceed nine (9) feet.
2. Maximum horizontal spacing for double stacked shores shall be five (5) feet.
3. Maximum allowable depth of cut for this Option shall be fourteen (14) feet.
4. Aluminum hydraulic shoring may be used in Type "A" or "B" soils only.
5. Maximum horizontal spacing of shores in Type "A" soil shall be 6 feet.
6. Maximum horizontal spacing of shores in Type "B" soil shall be 5 feet.
7. The contractor's competent person shall inspect shores and verify that they are in good working order.
8. The hydraulic shores shall have a minimum working pressure of 750 psi.
9. The contractor shall adhere to the shoring manufacturer's guidelines for use in trench excavations.
10. If there is evidence of raveling or caving the contractor is required to install 1¹/₈" thick plywood or 3/4" thick 14 ply arctic white birch (Finland form).
11. Spoil material will not be allowed nearer than 2' from the edge of the excavation.



PUBLIC WORKS DEPARTMENT
Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871 FAX (972)450-2837
16801 Westgrove

July 2, 2002

Rycon Inc
Mark Herndon
13221 Bee Street
Farmers Branch, Texas 75234

Re: NOTICE TO PROCEED
Marsh Lane Water Line Replacement
BID NO.

Dear Mr. Herndon:

Receipt of this document shall serve as your Notice to Proceed for the above referenced project, effective July 8, 2002. According to the terms and conditions of the contract, the proposed improvements shall be completed within ninety (90) calendar days from the start of construction, with the original contract price of \$311,410. The scheduled ninety days expires on September 28, 2002, after which a \$1000 a day penalty will be assessed, as per the contract. Please include the Project name and Bid No. 02-12 on all monthly invoices or other correspondence to the Town of Addison.

Should you have any questions, please contact my office at 972-450-2860.

Sincerely,

Luke Jalbert
Project Manager

Cc: Chris Terry, Assistant City Manager
Mike Murphy, Director of Public Works
Jim Pierce, Assistant Director of Public Works
Bryan Langley, Assistant Director of Finance
Steve Chutchian, Assistant City Engineer

TRENCH SAFETY
SPECIFICATIONS
FOR
MARSH LANE WATER LINE

CITY OF
ADDISON, TEXAS

Prepared for
RYCON CONSTRUCTION

Project # 6915

TREN-TECH COMPANY
828 HOWELL DR.
COPELL, TEXAS 75019
972-304-2171



I have reviewed these Trench Safety Guidelines and find that the recommendations and procedures conform to OSHA guidelines and regulations. The calculations herein are consistent with generally accepted engineering practice.

William P. Price, P.E.

7.3.02

REGISTERED PROFESSIONAL ENGINEER

DATE

1.0 DESIGN ASSUMPTIONS

- 1.1 General. These specifications cover the basic requirements for shoring and/or sloping of excavations for the installation of WATER LINES for the MARSH LANE WATER LINE REPLACEMENT in the CITY of ADDISON, TEXAS.
- 1.2 This specification addresses the safety of workers in a trench excavation and does not, in any way relieve the Contractor of his responsibility and liability to ensure the safety of the project and workers.
- 1.3 It is not the intent of these specifications to specify every detail and procedure of the trenching/shoring operations; nevertheless, they shall conform to the high standards of engineering and of safe trench excavation.
- 1.4 The personnel protection systems shown in these specifications have been designed based on information obtained from the project drawings and specifications.
- 1.5 In accordance with Revised OSHA (Appendix A to Subpart P effective March 2, 1990), the Contractor's "Competent Person" will conduct the required Soil Classification Tests. If soils other than those previously identified are found, this specification will be revised. During construction, the Contractor's "Competent Person" will monitor the soil classification as required by OSHA 1926.
- 1.6 Contractor shall be responsible for selecting the appropriate safety system option shown in these specifications, depending on trench depth and soil conditions.
- 1.7 The protection of existing structures and utilities which may be affected by these trench excavations is beyond the scope of this report (See Sect. 4.2)
- 1.8 The Contractor must identify a "Competent Person" in the Contractor's firm responsible for performing inspections of the excavations to ensure that expected subsurface conditions are present. NOTE-This person must be "Competent" as described in OSHA 1926.650(b).
- 1.9 It is the Contractor's responsibility to ensure that all excavation work and site conditions are within the regulations as established by OSHA. Any property damage or bodily injury (including death) arising from the use of these specifications, from the Contractor's negligence in performance of contract work, or from Owner's failure to note exceptions to these specifications shall remain the sole responsibility and liability of the contractor.

2.0 DEFINITIONS

- 2.1 All definitions of section 1926.653 of Subpart P, Part 1926, of the Code of Federal Regulations shall be by reference an integral part of this section.
- 2.2 "Sealing Engineer"- The engineer whose Texas seal is affixed to these specifications.
- 2.3 "The Contractor"-The contractor responsible to the owner for the excavation work described herein.
- 2.4 "Competent" as described in OSHA 1926.650(b).

3.0 APPLICABLE CODE AND STANDARDS

- 3.1 The Contractor shall perform all shoring work under this contract in accordance with all applicable codes and standard safety requirements and regulations including:
 - 3.1.1 OSHA 2207, Construction Industry Standards (Part 1926, Occupational Safety and Health Standards)
 - 3.1.2 AISC Code of Standard Practice.
 - 3.1.3 AISC Specifications of the design, fabrication, and erection of steel buildings
 - 3.1.4 AITC Timber Construction Manual
 - 3.1.5 AWS D1.1 Structural Welding Code
 - 3.1.6 The Uniform Building Code
 - 3.1.7 OSHA 2226
 - 3.1.8 U S Army Corps of Engineers EM 385-1-1
- 3.2 The latest edition (including supplements and revisions) of the above publications in effect or promulgated at the time of the bid shall apply. Equipment fabricated to codes and standards in effect at time of bid but later revised shall be acceptable provided such revisions are not required by law.

4.0 SHORING/SLOPING

4.1 Description.

This section covers the technical requirements of the trenching/shoring work.

4.2 Existing Structures.

Where existing buildings, other utilities, streets, highways, or other structures are in close proximity to the trench, or may otherwise be affected by the proposed trenching operation, the Contractor shall provide adequate protection by the use of sheeting and shoring to protect the structure, street, or highway from possible damage. In the case of utilities, the Contractor may elect to remove the utility, provided that the removal and subsequent replacement meet with the approval of the engineer, the utility owner, or whoever has jurisdiction of the structure. In all cases, it shall be the responsibility of the Contractor to protect public and private property and any person or persons who might, as a result of the Contractor's work, be injured.

4.3 General Trenching and Shoring Requirements.

The Contractor shall be solely responsible for trench safety provisions meeting the applicable requirements of the United States Department of Labor-Occupational Safety and Health Administration, including subpart P, Part 1926, of the Code of Federal Regulations. All trenching operations and procedure shall also conform to the requirements listed in this specification.

- 4.3.1 The requirements of sections 1926.650 and 1926.651 of Subpart P, Part 1926, of the Code of Federal Regulations shall be by reference an integral part of this section.

4.4 REQUIREMENTS PRIOR TO EXCAVATION

- 4.4.1 Known underground installations are shown on the site plans. It is the Contractor's responsibility to verify exact locations in the field.
- 4.4.2 Before any individual enters an excavation, the excavation will be inspected by a "Competent Person" to ensure that trench excavation has been performed according to this specification and OSHA requirements and to ensure that no anomalies are observed which may effect the safety of the trench project. Note-This person must be "Competent" as described in OSHA 1926.650(b).

4.5 REQUIREMENTS DURING EXCAVATION

- 4.5.1 During excavation, the exact location of existing underground installations shall be determined by the Contractor, and when uncovered, proper precautions and supports shall be provided so as not to cause a hazard to the workmen or the project.
- 4.5.2 Daily inspections of the excavations shall be made by the Competent Person". If there is evidence of possible cave-ins or slides, all work in the excavation shall cease until the necessary precautions have been taken to ensure the safety of the workmen and the trench. Note-This person must be "Competent" as described in OSHA 1926.650. Excavations shall be inspected after every rainstorm or other hazard-increasing occurrence to ensure safety of the workmen and the trench.
- 4.5.3 Excavated material shall be stockpiled a distance away from the trench, so as not to affect the trench stability. The Contractor's means and methods will determine the distance. As a minimum to protect the workmen from falling debris, the toe of the stockpiled soil shall be no closer than two(2) feet from the edge of the excavation.
- 4.5.4 All precautions must be made to prevent surface water from entering the trench excavation. Adequate drainage must be provided in the area adjacent to the excavation.
- 4.5.5 Operation of heavy equipment adjacent to the edge of the trench may cause instability. The Contractor is responsible for the means and methods of excavation, and therefore, for loads imposed on the trench excavation and shoring design.
- 4.5.6 The Contractor must take precautions to protect the face of the excavation from exposure to excessive drying, water, or freezing.
- 4.5.7 Water shall not be permitted to stand in the bottom of the trench and suction pumps of adequate capacity shall be installed to ensure that such standing water is removed.
- 4.5.8 The Contractor shall provide a positive means of ensuring that hydrostatic pressure does not build up behind the shoring or shields.
- 4.5.9 If a condition requiring the use of a different method of shoring is encountered, this specification will be revised.
- 4.5.10 Remove shoring units from bottom to top as backfilling proceeds.
- 4.5.11 When backfill is within five(5) feet of the top of the trench, all shoring may be removed, unless the trench conditions indicate a hazard.
- 4.5.12 No person shall be exposed to the lower portion of the trench after shoring has been removed.

- 4.5.13 Additional shoring of larger sizes may be installed.
- 4.5.14 Ladders or other adequate means of exit must be provided and located so as to require no more than twenty-five(25) feet of lateral travel.
- 4.5.15 When two(2) trenches intersect, both trenches must be protected to a distance of not less than the depth of the deepest trench.

4.6 REQUIREMENTS FOR CONFINED SPACE

- 4.6.1 Prior to construction the contractor shall identify any areas near the proposed excavations that could expose workmen to harmful levels of atmospheric contaminants (i.e. landfills, manholes or materials storage).
- 4.6.2 During construction, before workmen are allowed in an excavation or existing structure, the contractor shall test the air quality at these previously identified areas for hazardous atmospheres in all excavations greater than four (4) feet in depth. Atmospheres containing less than 19.5 percent oxygen or more than 20 percent concentration of flammable gas shall be deemed "hazardous" adequate precautions shall be taken.
- 4.6.3 Retesting of work areas shall be conducted as often as necessary to ensure that the atmosphere remains safe for workmen.
- 4.6.4 During construction, emergency rescue equipment shall be readily available where potentially hazardous conditions are expected to develop.
- 4.6.5 As a minimum, the contractor shall have on site the following emergency equipment. Breathing apparatus, a safety harness and line, or a basket stretcher. During construction in potentially hazardous areas, the required equipment shall be attended.

SECTION 5.0
SITE SPECIFIC EXCAVATIONS
AND
SHORING SPECIFICATIONS
FOR
WATER LINES

5.1 EXCAVATIONS SPECIFIC TO THIS PROJECT

WATER LINE "A"

LOCATION	MAX. DEPTH	OPTION	NOTES
0+00 TO 2+90±			INSTALL BY OTOC
2+90± TO 8+33	11.0	I, II, III	INSTALL 8" W.L.
8+33 TO 9+28			INSTALL BY OTOC
9+28 TO 23+70.59	10.0	I, II, III	INSTALL 8" W.L.

NOTE: Trench shield(s) and/or slope (Option I or II) shall be used for personnel protection at the location of the bore pits.

OTHER PROJECT WATERLINES AND APPURTENANCES

The contractor will install other water lines and appurtenances that were not profiled on the project plans. Generally, pipe less than ten inches in diameter will require an excavation of less than five feet in depth, however, at connections to larger size pipe it is probable that excavations will exceed five feet in depth. When excavation depths greater than five feet are encountered or if there is evidence of raveling or caving for any reason including pre-disturbed soil conditions, the contractor will be required to shore or slope the excavation so as to provide a safe workplace. The contractor may use guidelines set forth in Option I, II or III for these excavations.

5.2 SHORING CONSIDERATIONS FOR THIS WORK

- 5.2.1 Trenches more than five(5) deep shall be shored, laid back to a stable slope, or some other equivalent means of protection shall be provided where employees may be exposed to moving ground or cave-ins. *Trenches less than five(5) feet in depth shall also be effectively protected when examination of ground indicates hazardous ground, movement may be expected.*

The Contractor will have Options I, II or III for providing such protection.

- 5.2.2 Lateral Earth Pressure: $P = W_e(H + H_q)$

Assumed Soil: Clay

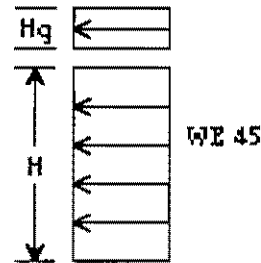
P = a uniformly distributed lateral soil pressure, in lbs./ft²

W_e = Effective Soil Weight, pcf(Use 45 pcf Type "B" Soil)

H = Depth of excavation from top of supported bank to bottom of excavation in feet.

H_q = Equivalent Height of Surcharge, in feet.

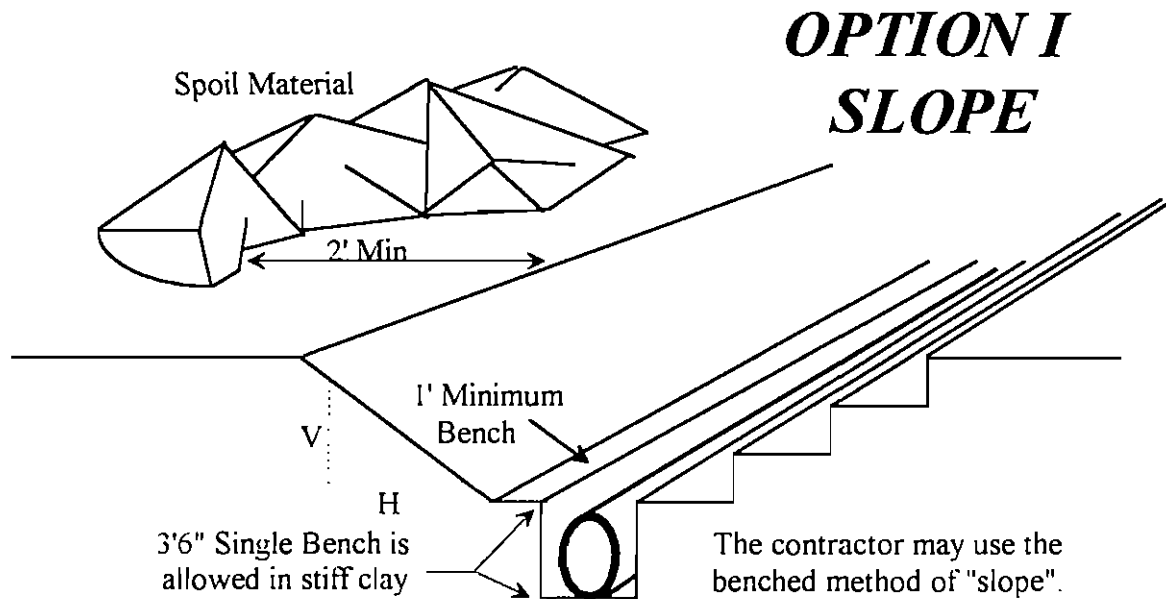
Reference OSHA Rules and Regulations-Part 1926 of 29 CFR
as amended by the Federal Register Volume 54, Number 209,
October 31, 1989



Maximum anticipated lateral earth pressure for this project is 585 "PSF"

- 5.2.3 Option I The Contractor can use Slope as shown in the Option I section of the specification. Applicable slopes may be obtained by either straight cut or benched method. Vertical cuts for the benched method shall not exceed four(4) feet. Easement restrictions may limit the use of this option. See Drawing Option I.
- 5.2.4 Option II The Contractor may use a Trench Shield as shown in the Option II section of this specification. Requirements set forth in this Option shall include curricular trench shield(s) and or manhole boxes. All slopes above trench shield(s) shall conform to guidelines set forth in Option I. Trench shield(s) used on this project will be required to carry a minimum "PSF" as specified. Certification of trench shield(s) or manufacturer's "tabulated data" shall be available for verification during construction. See Drawing Option II.
- 5.2.5 Option III The Contractor can use Trench Shores as shown in the Option III Section of this specification. Shores are to be installed as shown with horizontal spacing determined by the depth of cut and soil type but shall not exceed 6 feet. See Drawing Option III. If there is raveling of the trench wall, the contractor shall install plywood behind the shores as shown on the Option III drawing.

TRENCH SAFETY SPECIFICATIONS



H/V - REQUIRED SLOPE PER SOIL TYPE

H/V = ¾ to 1	Stiff clay less than 12 feet in depth (Type "A")
H/V = 1 to 1	Stiff clay or weathered limestone (Type "A" or "B")
H/V = 1½ to 1	Silty clays or saturated material (Type "C")
H/V = 2 to 1	Fill material or loose soil.

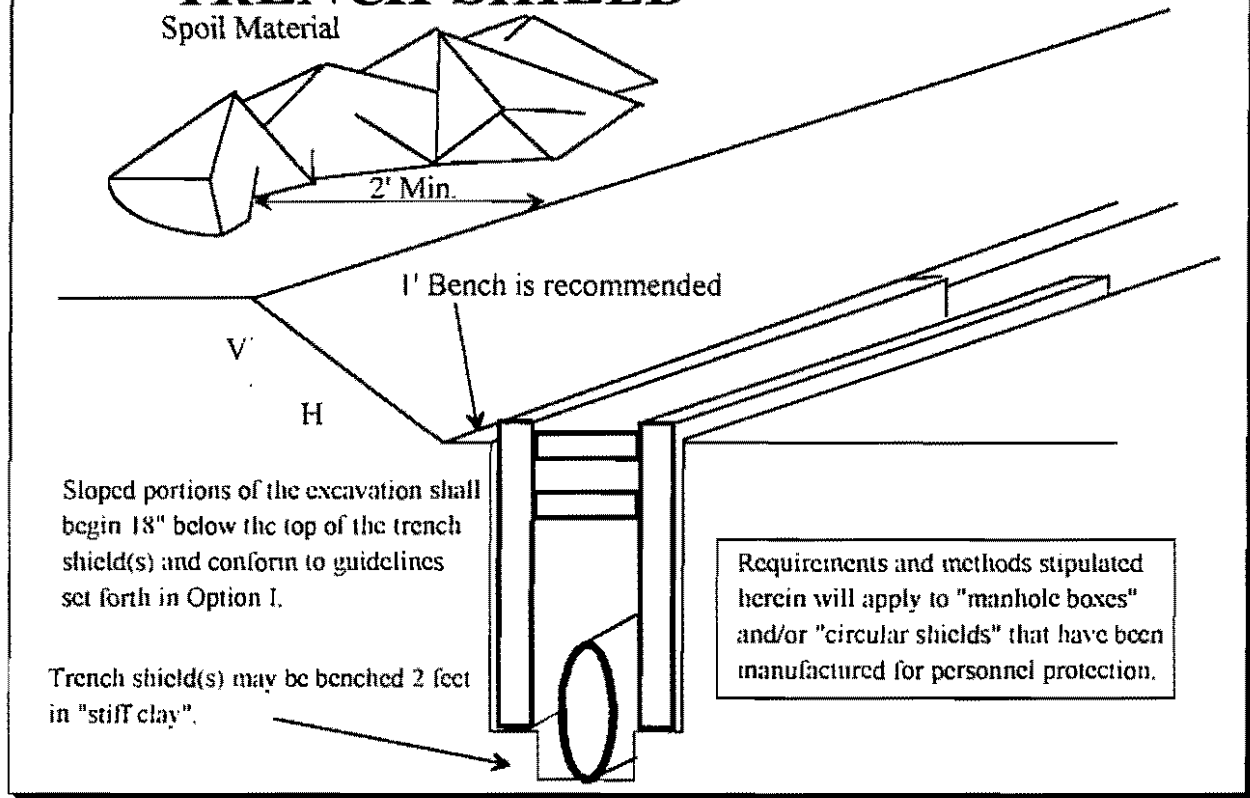
NOTES

1. All trenches shall be dewatered as specified in 4.5.7
2. All slopes assume sufficient right-of-way exists.
3. All slopes shall be flattened an additional ½ foot if an existing parallel utility line is located within the horizontal distance equal to the depth of the new utility excavation.
4. No spoil or equipment shall be permitted nearer than 2 feet from the edge of the excavation.
5. A single 3' 6" vertical bench may be used in "stiff clay" only.
6. Exposed existing utility lines are to be supported.

TRENCH SAFETY SPECIFICATIONS

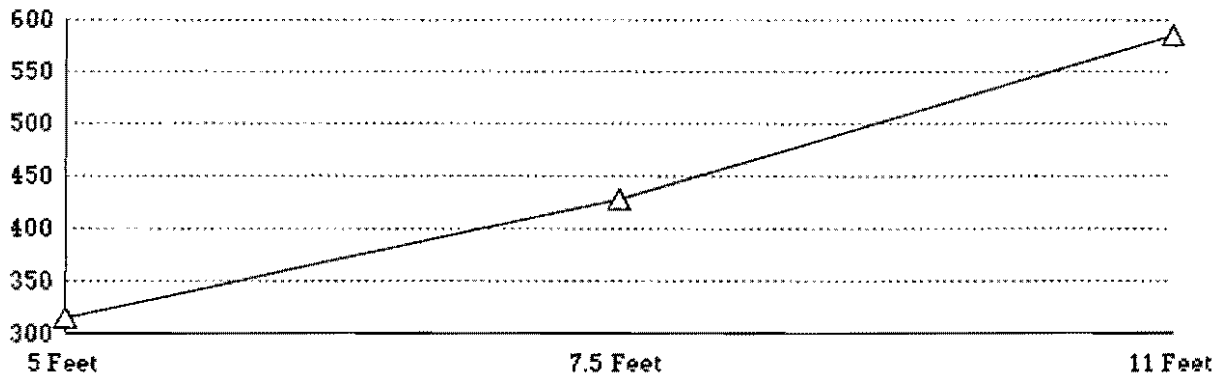
OPTION II

TRENCH SHIELD



NOTES

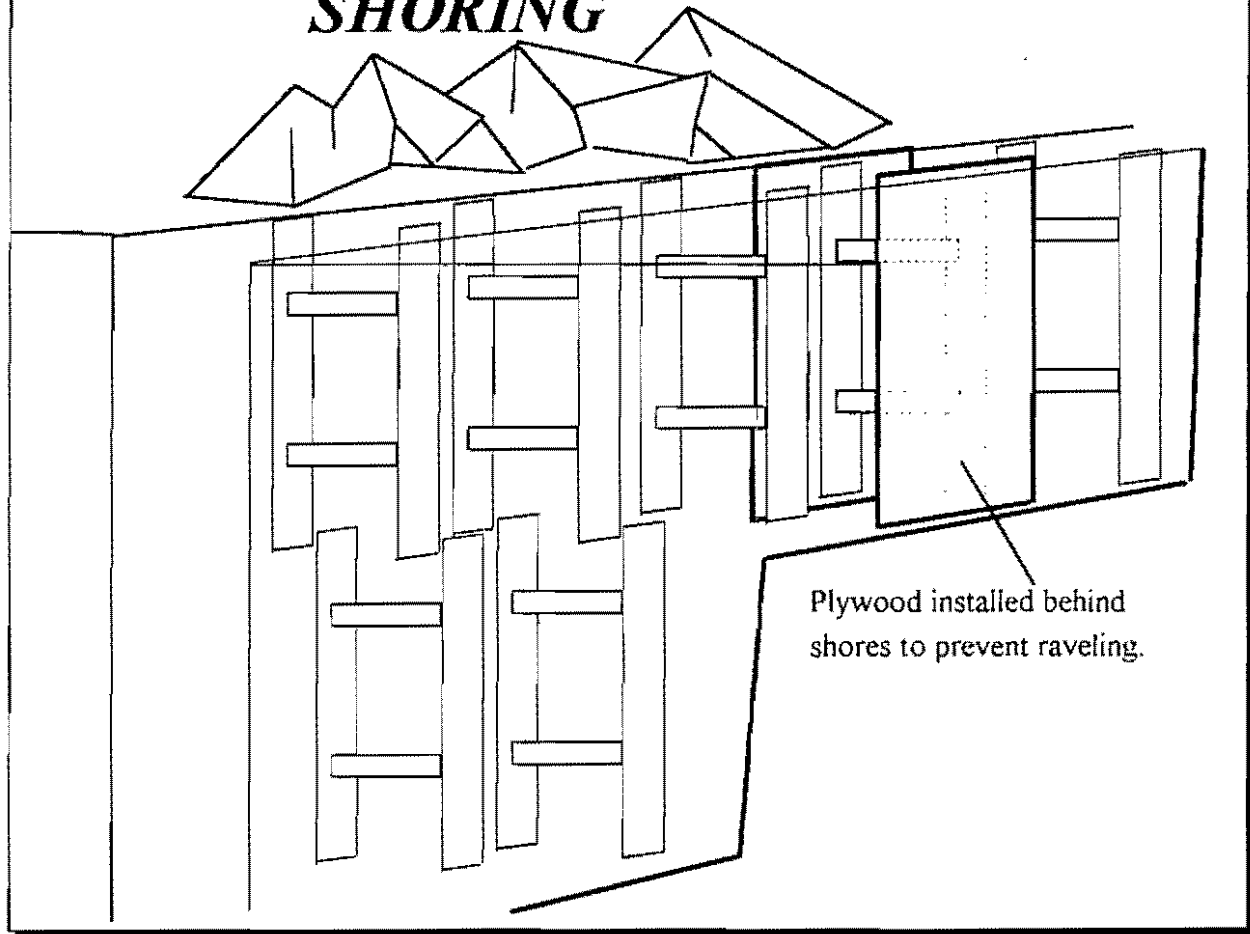
1. Trench shields shall be inspected and be free of structural defects that may impair their proper function.
2. Trench shields shall be used in accordance with the manufacturer's guidelines and recommendations.
3. Trench shields shall be installed so as to prevent any lateral or other hazardous movement.
4. Personnel shall not be allowed in the trench shield during its installation or removal from the excavation.
5. When shield(s) are stacked, the upper shield shall be rated for its physical depth in the trench.
6. Trench shield(s) used on this project shall be rated to withstand anticipated "PSF" (left side of graph) for depth of cut indicated below. Manufacture's tabulated data or certification shall be maintained on site.



TRENCH SAFETY SPECIFICATIONS

OPTION III

SHORING



NOTES

1. Shores shall be double stacked when trench depths exceed nine (9) feet.
2. Maximum horizontal spacing for double stacked shores shall be five (5) feet.
3. Maximum allowable depth of cut for this Option shall be fourteen (14) feet.
4. Aluminum hydraulic shoring may be used in Type "A" or "B" soils only.
5. Maximum horizontal spacing of shores in Type "A" soil shall be 6 feet.
6. Maximum horizontal spacing of shores in Type "B" soil shall be 5 feet.
7. The contractor's competent person shall inspect shores and verify that they are in good working order.
8. The hydraulic shores shall have a minimum working pressure of 750 psi.
9. The contractor shall adhere to the shoring manufacturer's guidelines for use in trench excavations.
10. If there is evidence of raveling or caving the contractor is required to install 1 1/8" thick plywood or 3/4" thick 14 ply arctic white birch (Finland form).
11. Spoil material will not be allowed nearer than 2' from the edge of the excavation.

REDI-MIX CONCRETE

CLIENT: RYCON

2-Jul-02

PROJECT: # 275 - ADDISON WATER LINE REPLACEMENT

MIX SPECIFICATIONS:

MIX DESIGN NO. 112

APPLICATION: NCTCOG CLASS "C"
REQUIRED STRENGTH 3600 PSI / 600 FLEX
PLACEMENT SLUMP 3 INCH +/- 1
W/C RATIO 0.47 LB/LB
AIR CONTENT 5 +/- 1 %
MAXIMUM TEMPERATURE 100 DEGREES F

MATERIALS	ASTM STANDARDS	WEIGHTS(SSD)	VOLUME
CEMENT	ASTM C150 TYPE I/II	564	2.87
FLYASH	ASTM C618 CLASS C	000	0.00
COARSE AGG. COARSE AGG.	ASTM C33 SIZE NO. 57 ASTM C33 SIZE NO.	1850	11.06
LIGHT WEIGHT	ASTM C330	000	
FINE AGG. FINE AGG.	ASTM C33 ASTM C33	1224	7.46
ADMIXTURE	ASTM C494 TYPE A or D	3 - 6 oz/cwt	
ADMIXTURE	ASTM C494 TYPE F	00.0	
ADMIXTURE	ASTM C260	.25 - 4 oz/cwt	1.35
WATER		266	<u>4.26</u> 27.00

ASTM C94 STANDARD SPECIFICATIONS FOR READY-MIXED CONCRETE STATES AS FOLLOWS:
"WHEN THE CONCRETE STRENGTH IS USED AS A BASIS FOR ACCEPTANCE, THE MANUFACTURER
SHALL BE ENTITLED TO COPIES OF TEST REPORTS... THE INDIVIDUAL WHO SAMPLES AND TESTS
CONCRETE MUST BE CERTIFIED ACT LEVEL I."

ADDITIONAL WATER ADDED IN EXCESS OF SPECIFIED SLUMP IS AT CUSTOMERS RISK!



GARY L. HERRON
TECHNICAL SERVICES DIRECTOR

REDI-MIX, L.P.
GENERAL OFFICE/1445 MacArthur Drive, Suite 136, Carrollton, Texas 75007
PHONE: (972) 242-4650
FAX: (972) 323-0759

REDI-MIX, LP
 5517 DENTON HWY
 HALTOM CITY, TX 76148
 www.gherron@redimix.com
 817-514-3358

Frequency Distribution Analysis
 28 Day Compressive Strength
 Mix: 112 F'c: 3600 psi
 07/02/02

Sample ID	Slump in	Air Cont %	Con Temp deg F	7 day Comp psi	28 day Comp psi	Moving Avg: 3 28 day Comp psi
12278	4.00	-	-	3997	4917	-
12349	4.00	-	-	4598	5571	-
9725440	3.00	-	-	4375	5655	5381
15227	3.50	4.3	88	4033	5005	5410
22489	4.50	-	66	4290	5070	5243
12307	4.00	-	-	3661	4440	4838
1458	3.50	5.0	73	4375	5385	4965
46335	4.25	5.0	90	4345	5225	5017
46653	4.00	4.6	90	4665	5330	5313
46731	4.50	4.8	96	4235	5325	5293
104299	4.00	4.0	102	3640	4670	5108
106263	4.50	4.5	90	3415	4850	4948
106269	4.50	4.5	92	3695	5135	4885
41519	4.00	-	92	3630	4760	4915
15228	4.50	-	70	4295	5990	5295
37137	4.00	-	72	4180	5000	5250
37366	4.00	-	70	4360	4685	5225
37525	4.50	-	69	3560	4650	4778
37688	4.00	-	68	3890	4045	4460
37994	4.50	-	72	3620	4475	4390
38612	4.50	-	72	3680	5045	4522
18098	3.50	4.6	93	3740	4165	4562
121358	4.00	3.9	96	2720	3915	4375
129238	3.75	4.5	93	3600	4140	4073
10362	3.50	4.7	91	4120	5310	4455
26012	4.00	-	87	4120	5240	4897
11663	4.00	4.2	78	3940	4590	5047
152665	3.00	-	64	4530	5485	5105
Count	28	13	24	28	28	26
Average	4.00	4.5	82	3975	4931	4913
Standard Deviation	0.44	0.3	12	431	514	365

Frequency Distribution: 28 Day Compressive Strength

Sample ID	Slump in	Air Cont %	Con Tmp deg F	7 day Comp psi	28 day Comp psi	Moving Avg: 3 28 day Comp psi
Range	3.00 4.50	3.9 5.0	64 102	2720 4665	3915 5990	4073 5410
Coefficient of Variation	10.89	7.55	14.33	10.85	10.42	7.43

REDI-MIX CONCRETE

CLIENT: RYCON

2-Jul-02

PROJECT: # 275 - ADDISON WATER LINE REPLACEMENT

MIX SPECIFICATIONS:

MIX DESIGN NO. 112

APPLICATION: NCTCOG CLASS "C"
 REQUIRED STRENGTH 3600 PSI / 600 FLEX
 PLACEMENT SLUMP 3 INCH +/- 1
 W/C RATIO 0.47 LB/LB
 AIR CONTENT 5 +/- 1 %
 MAXIMUM TEMPERATURE 100 DEGREES F

MATERIALS	ASTM STANDARDS	WEIGHTS(SSD)	VOLUME
CEMENT	ASTM C150 TYPE I/II	564	2.87
FLYASH	ASTM C618 CLASS C	000	0.00
COARSE AGG. COARSE AGG.	ASTM C33 SIZE NO. 57 ASTM C33 SIZE NO.	1850	11.06
LIGHT WEIGHT	ASTM C130	000	
FINE AGG. FINE AGG.	ASTM C33 ASTM C33	1224	7.46
ADMIXTURE	ASTM C494 TYPE A or D	3 - 6 gal/cwt	
ADMIXTURE	ASTM C494 TYPE F	00.0	
ADMIXTURE	ASTM C260	.25 - 4 gal/cwt	1.35
WATER		266	<u>4.76</u> 27.00

ASTM C94 STANDARD SPECIFICATIONS FOR READY-MIXED CONCRETE STATES AS FOLLOWS:
 "WHEN THE CONCRETE STRENGTH IS USED AS A BASIS FOR ACCEPTANCE, THE MANUFACTURER
 SHALL BE ENTITLED TO COPIES OF TEST REPORTS... THE INDIVIDUAL WHO SAMPLES AND TESTS
 CONCRETE MUST BE CERTIFIED ACI LEVEL 1."

ADDITIONAL WATER ADDED IN EXCESS OF SPECIFIED SLUMP IS AT CUSTOMERS RISK!


 GARY L. HERRON
 TECHNICAL SERVICES DIRECTOR

REDI-MIX, L.P.
 GENERAL OFFICE/1445 MacArthur Drive, Suite 136, Carrollton, Texas 75007
 PHONE: (872) 242-4550
 FAX: (872) 323-0759

REDI-MIX, LP
 5517 DENTON HWY
 HALTOM CITY, TX 76148
 www.gherron@redimix.com
 817-514-3358

Frequency Distribution Analysis
 28 Day Compressive Strength
 Mix: 112 F'c: 3600 psi
 07/02/02

Sample ID	Slump in	Air Cont %	Con Tmp deg F	7 day Comp psi	28 day Comp psi	Moving Avg: 3 28 day Comp psi
12278	4.00	-	-	3997	4917	-
12349	4.00	-	-	4598	5571	-
9725440	3.00	-	-	4375	5655	5381
15227	3.50	4.3	88	4033	5005	5410
22489	4.50	-	66	4290	5070	5243
12307	4.00	-	-	3661	4440	4838
1458	3.50	5.0	73	4375	5385	4965
46335	4.25	5.0	90	4345	5225	5017
46653	4.00	4.6	90	4665	5330	5313
46731	4.50	4.8	96	4235	5325	5293
104299	4.00	4.0	102	3640	4670	5108
106263	4.50	4.5	90	3415	4850	4948
106269	4.50	4.5	92	3695	5135	4885
41519	4.00	-	92	3630	4760	4915
15228	4.50	-	70	4295	5990	5295
37137	4.00	-	72	4180	5000	5250
37366	4.00	-	70	4360	4685	5225
37525	4.50	-	69	3560	4650	4778
37688	4.00	-	68	3890	4045	4460
37994	4.50	-	72	3620	4475	4390
38612	4.50	-	72	3680	5045	4522
18098	3.50	4.6	93	3740	4165	4562
121358	4.00	3.9	96	2720	3915	4375
129238	3.75	4.5	93	3600	4140	4073
10362	3.50	4.7	91	4120	5310	4455
26012	4.00	-	87	4120	5240	4897
11663	4.00	4.2	78	3940	4590	5047
152665	3.00	-	64	4530	5485	5105
Count	28	13	24	28	28	26
Average	4.00	4.5	82	3975	4931	4913
Standard Deviation	0.44	0.3	12	431	514	365

Frequency Distribution: 28 Day Compressive Strength

Sample ID	Slump in	Air Cont %	Con Tmp deg F	7 day Comp psi	28 day Comp psi	Moving Avg: 3 28 day Comp psi
Range	3.00 4.50	3.9 5.0	64 102	2720 4665	3915 5990	4073 5410
Coefficient of Variation	10.89	7.55	14.33	10.85	10.42	7.43

REDI-MIX CONCRETE

CLIENT: RYCON

2-Jul-02

PROJECT: # 275 - ADDISON WATER LINE REPLACEMENT

MIX SPECIFICATIONS:

MIX DESIGN NO. 110

APPLICATION: NCTCOG CLASS "A"
 REQUIRED STRENGTH 3000 PSI
 PLACEMENT SLUMP 3 INCH +/- 1
 W/C RATIO 0.50 LB/LB
 AIR CONTENT 4 +/- 1 1/2 %
 MAXIMUM TEMPERATURE 100 DEGREES F

MATERIALS	ASTM STANDARDS	WEIGHTS(SSD)	VOLUME
CEMENT	ASTM C150 TYPE VII	470	2.39
FLYASH	ASTM C618 CLASS C	000	0.00
COARSE AGG.	ASTM C33 SIZE NO. 57	1850	11.06
COARSE AGG.	ASTM C33 SIZE NO.		
LIGHT WEIGHT	ASTM C130	060	
FINE AGG.	ASTM C33	1383	8.43
FINE AGG.	ASTM C33		
ADMIXTURE	ASTM C494 TYPE A or D	3 - 6 oz/cwt	
ADMIXTURE	ASTM C494 TYPE F	00.0	
ADMIXTURE	ASTM C260	.15 - 4 oz/cwt	1.35
WATER		235	<u>3.77</u>
			27.00

ASTM C94 STANDARD SPECIFICATIONS FOR READY-MIXED CONCRETE STATES AS FOLLOWS:
 "WHEN THE CONCRETE STRENGTH IS USED AS A BASIS FOR ACCEPTANCE, THE MANUFACTURER
 SHALL BE ENTITLED TO COPIES OF TEST REPORTS... THE INDIVIDUAL WHO SAMPLES AND TESTS
 CONCRETE MUST BE CERTIFIED ACI LEVEL I."

ADDITIONAL WATER ADDED IN EXCESS OF SPECIFIED SLUMP IS AT CUSTOMERS RISK!



GARY L. HERRON
 TECHNICAL SERVICES DIRECTOR

REDI-MIX, L.P.

GENERAL OFFICE/1445 MacArthur Drive, Suite 138, Carrollton, Texas 75007

PHONE: (972) 242-4550

FAX: (972) 323-0759

REDI-MIX, LP
 5517 DENTON HWY
 HALTOM CITY, TX 76148
 www.gherron@redimix.com
 817-514-3358

Frequency Distribution Analysis
 28 Day Compressive Strength
 Mix: 110 P'c: 3000 psi
 07/02/02

Sample ID	Slump in	Air Cont %	Con Tmp deg F	7 day Comp psi	28 day Comp psi	Moving Avg: 3 28 day Comp psi
328573	4.00	-	-	4421	5607	-
13939	4.00	-	-	4067	5005	-
14070	4.00	-	-	3006	4103	4905
13834	4.00	-	-	3537	4899	4669
316192	4.00	-	-	2935	4121	4374
317434	4.00	4.0	-	2935	4121	4380
15761	4.00	-	53	3183	4103	4115
7098	4.00	5.4	69	3020	4005	4076
44922	4.25	2.7	67	3610	4555	4221
7150	3.50	-	68	3560	4225	4262
140303	2.25	-	80	3175	4335	4372
36487	2.00	-	71	5240	6375	4978
37577	4.00	-	72	3570	4440	5050
37927	4.00	-	70	2915	3835	4883
705602	3.00	-	80	2960	3925	4067
24051	2.00	3.2	79	3850	4665	4142
28967	4.50	3.0	70	2900	3680	4090
24757	2.25	4.2	76	3340	3900	4082
27991	4.50	4.0	82	3170	3840	3807
Count	19	7	13	19	19	17
Average	3.59	3.8	72	3442	4407	4381
Standard Deviation	0.84	0.9	8	611	676	377
Range	2.00	2.7	53	2900	3680	3807
	4.50	5.4	82	5240	6375	5050
Coefficient of Variation	23.45	24.13	10.69	17.76	15.33	8.61

REDI-MIX

CONCRETE

CLIENT: RYCON

2-Jul-02

PROJECT: #275 - ADDISON WATER LINE REPLACEMENT

MIX SPECIFICATIONS:

MIX DESIGN NO. 732

APPLICATION: AS SPECIFIED
 REQUIRED STRENGTH 4000PSI @ 28 DAYS
 PLACEMENT SLUMP 3 +/- 1 INCH
 W/C RATIO 0.45 LB/LB
 AIR CONTENT 5 +/- 1 %
 MAXIMUM TEMPERATURE 160 DEGREES F

MATERIALS	ASTM STANDARDS	WEIGHTS(SSD)	VOLUME
CEMENT	ASTM C150 TYPE VII	564	2.87
FLYASH	ASTM C618 CLASS C	000	0.00
COARSE AGG.	ASTM C33 SIZE NO. 57	1856	11.11
COARSE AGG.	ASTM C33 SIZE NO.		
LIGHT WEIGHT	ASTM C130	000	
FINE AGG.	ASTM C33	1247	7.60
FINE AGG.	ASTM C33		
ADMIXTURE	ASTM C494 TYPE A or D	3 - 6 oz/cwt	
ADMIXTURE	ASTM C494 TYPE F	00.0	
ADMIXTURE	ASTM C260	.2 - 4 oz/cwt	1.35
WATER		254	4.07
			27.00

ASTM C94 STANDARD SPECIFICATIONS FOR READY-MIXED CONCRETE STATES AS FOLLOWS:
 "WHEN THE CONCRETE STRENGTH IS USED AS A BASIS FOR ACCEPTANCE, THE MANUFACTURER
 SHALL BE ENTITLED TO COPIES OF TEST REPORTS... THE INDIVIDUAL WHO SAMPLES AND TESTS
 CONCRETE MUST BE CERTIFIED ACI LEVEL I."

ADDITIONAL WATER ADDED IN EXCESS OF SPECIFIED SLUMP IS AT CUSTOMERS RISK!



GARY L. HERRON
 TECHNICAL SERVICES DIRECTOR

REDI-MIX, L.P.

GENERAL OFFICE/1445 MacArthur Drive, Suite 136, Carrollton, Texas 75007

PHONE: (972) 242-4550

FAX: (972) 323-0758

REDI-MIX, LP
 5517 DENTON HWY
 HALTOM CITY, TX 76148
 www.gherron@redimix.com
 817-514-3358

Frequency Distribution Analysis
 28 Day Compressive Strength
 Mix: 732 F'c: 4000 psi
 07/02/02

Sample ID	Slump in	Air Cont %	Con Temp deg F	7 day Comp psi	28 day Comp psi	Moving Avg: 3 28 day Comp psi
14579	4.50	-	78	3645	4795	-
20060	3.75	-	72	3825	5465	-
35887	2.00	3.5	63	4790	5140	5133
40824	2.00	3.0	90	4450	5965	5523
43168	3.00	4.6	97	4260	5145	5417
58432	4.50	-	90	4220	5205	5438
58726	4.00	-	91	3420	5230	5193
4193	3.50	3.1	70	4564	5532	5322
43414	2.75	3.4	74	5785	6345	5702
121472	4.25	4.2	71	3395	4335	5404
48071	4.50	-	90	4910	5515	5398
48486	4.00	4.5	92	3900	4895	4915
17564	3.50	6.8	89	4250	5195	5202
3304	3.25	5.0	99	4260	5285	5125
587	4.25	2.0	100	4080	5185	5222
49328	3.50	4.8	86	4620	5855	5442
40078	4.50	3.8	89	3620	4535	5192
106164	4.00	4.1	91	5100	5725	5372
39448	3.00	-	-	4690	6120	5460
40871	4.00	4.0	89	3860	4840	5562
30654	4.50	-	88	4110	5105	5355
25671	4.50	5.6	83	3840	4395	4780
100353	3.50	-	74	3770	5955	5152
100718	2.00	3.2	78	4660	5830	5393
692673	3.25	7.0	63	4400	5400	5728
29450	3.00	3.4	63	4840	5380	5537
29605	4.00	4.7	62	4510	5370	5383
156291	4.00	5.0	81	4790	5730	5493
156336	4.50	5.3	83	4050	5460	5520
157581	3.50	5.0	89	3950	4865	5352
Count	30	22	29	30	30	28
Average	3.65	4.4	82	4285	5327	5347

Frequency Distribution: 28 Day Compressive Strength

Sample ID	Slump in	Air Cont %	Con Tmp deg F	7 day Comp psi	28 day Comp psi	Moving Avg: 3 28 day Comp psi
=====						
Standard Deviation	0.77	1.2	11	537	492	211
Range	2.00	2.0	62	3395	4335	4780
	4.50	7.0	100	5785	6345	5728
Coefficient of Variation	21.10	27.59	13.69	12.52	9.24	3.95

**CONSENT OF SURETY
TO FINAL PAYMENT**

AIA Document G707

(Instructions on reverse side)

OWNER	00
ARCHITECT	00
CONTRACTOR	00
SURETY	00
OTHER	00

TO OWNER:
(Name and address)
Town of Addison
16801 Wentgrove
Addison, TX 75248

ARCHITECT'S PROJECT NO.:

CONTRACT FOR: Marsh Lane Water Line Replacement

PROJECT:
(Name and address)
Marsh Lane Water Line Replacement

CONTRACT DATED: 6/11/02

In accordance with the provisions of the Contract between the Owner and the Contractor as indicated above, the

(Insert name and address of Surety)
Gulf Insurance Company
PO BOX 131771
Dallas, TX 75313

_____, SURETY.

on bond of
(Insert name and address of Contractor)
Rycon, Inc.
13221 Bee St.
Farmers Branch, TX 75234

_____, CONTRACTOR.

hereby approves of the final payment to the Contractor, and agrees that final payment to the Contractor shall not relieve the Surety of any of its obligations to

(Insert name and address of Owner)
Town Of Addison
16801 Wentgrove
Addison, TX 75248

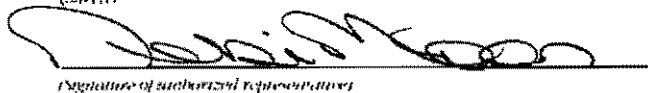
_____, OWNER.

as set forth in said Surety's bond

IN WITNESS WHEREOF, the Surety has hereunto set its hand on this date, October 2, 2002
(Insert in writing the month followed by the numerals date and year)

Gulf Insurance Company

(Street)

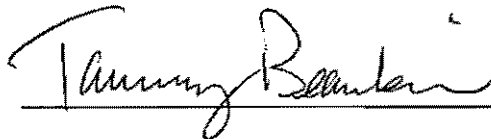


(Signature of authorized representative)

Debi Moon / Attorney-In-Fact

(Printed name and title)

AISC.
(Seal):





CAUTION: You should sign an original AIA document that has this caution printed in red. An original assures that changes will not be obscured as may occur when documents are reproduced. See Instruction Sheet for Limited License for Reproduction of this document.



AIA DOCUMENT G707 • CONSENT OF SURETY TO FINAL PAYMENT • 1994 EDITION • AIA
1,1994 • THE AMERICAN INSTITUTE OF ARCHITECTS, 1735 NEW YORK AVENUE, N.W., WASH-
INGTON, D.C. 20006-5202 • **WARNING: Unlicensed photocopying violates U.S. copy-
right laws and will subject the violator to legal prosecution.**

G707—1994

**GULF INSURANCE COMPANY
HARTFORD, CONNECTICUT
POWER OF ATTORNEY**

ORIGINALS OF THIS POWER OF ATTORNEY ARE PRINTED ON BLUE SAFETY PAPER WITH TEAL INK.

KNOW ALL MEN BY THESE PRESENTS: That the Gulf Insurance Company, a corporation duly organized under the laws of the State of Connecticut, having its principal office in the city of Irving, Texas, pursuant to the following resolution, adopted by the Finance & Executive Committee of the Board of Directors of the said Company on the 10th day of August, 1993, to wit:

"RESOLVED, that the President, Executive Vice President or any Senior Vice President of the Company shall have authority to make, execute and deliver a Power of Attorney constituting as Attorney-in-Fact, such persons, firms, or corporations as may be selected from time to time; and any such Attorney-in-Fact may be removed and the authority granted him revoked by the President, or any Executive Vice President, or any Senior Vice President, or by the Board of Directors or by the Finance and Executive Committee of the Board of Directors.

RESOLVED, that nothing in this Power of Attorney shall be construed as a grant of authority to the attorney(s)-in-fact to sign, execute, acknowledge, deliver or otherwise issue a policy or policies of insurance on behalf of Gulf Insurance Company.

RESOLVED, that the signature of the President, Executive Vice President or any Senior Vice President, and the Seal of the Company may be affixed to any such Power of Attorney or any certificate relating thereto by facsimile, and any such powers so executed and certified by facsimile signature and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond and documents relating to such bonds to which they are attached."

Gulf Insurance Company does hereby make, constitute and appoint

Steven Thomas Debi Moon Alan Robinson Elvia Salazar

its true and lawful attorney(s)-in-fact, with full power and authority hereby conferred in its name, place and stead, to sign, execute, acknowledge and deliver in its behalf, as surety, any and all bonds and undertakings of suretyship, and to bind Gulf Insurance Company thereby as fully and to the same extent as if any bonds, undertakings and documents relating to such bonds and/or undertakings were signed by the duly authorized officer of the Gulf Insurance Company and all the acts of said attorney(s)-in-fact, pursuant to the authority herein given, are hereby ratified and confirmed.

The obligation of the Company shall not exceed five million (5,000,000) dollars.

IN WITNESS WHEREOF, the Gulf Insurance Company has caused these presents to be signed by any officer of the Company and its Corporate Seal to be hereto affixed.

STATE OF NEW YORK }
COUNTY OF NEW YORK } SS

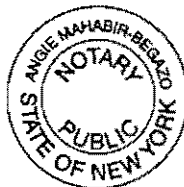


GULF INSURANCE COMPANY

Lawrence P. Minter
Lawrence P. Minter
Executive Vice President

On this 1st day of October, AD 2001, before me came Lawrence P. Minter, known to me personally who being by me duly sworn, did depose and say: that he resides in the County of Bergen, State of New Jersey; that he is the Executive Vice President of the Gulf Insurance Company, the corporation described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instruments is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation and that he signed his name, thereto by like order.

STATE OF NEW YORK }
COUNTY OF NEW YORK } SS



Angie Mahabir-Begazo
ANGIE MAHABIR-BEGAZO
Notary Public, State of New York
No. 01MA6019988
Qualified in Kings County
Commission Expires February 16, 2003

I, the undersigned, Senior Vice President of the Gulf Insurance Company, a Connecticut Corporation, DO HEREBY CERTIFY that the foregoing and attached POWER OF ATTORNEY remains in full force.

Signed and Sealed at the City of New York.



Dated the 2nd day of October, 20 02

George Biancardi
George Biancardi
Senior Vice President

Council Agenda Item: #29

Passed
6-11-02

SUMMARY:

This item is for the award of contract to Rycon, Inc. for construction of the Marsh Lane Water Main Replacement Project.

FINANCIAL IMPACT:

Budgeted Amount: \$500,000.00

Construction Cost: \$311,410.00

Source of Funds: Funds are available from FY 2001-02 Water and Sewer Fund, as indicated in the Five Year Capital Replacement Program, Project No. 93601.

BACKGROUND:

The Public Works Department established the need for the replacement of an existing 8" water main along the east side of Marsh Lane, from Brookhaven Club Drive to Spring Valley Road. This project is the result of numerous water main breaks in the area that has continuously disrupted service to adjacent commercial businesses. The firm of Birkhoff, Hendricks, & Conway, L.L.P. prepared engineering plans and specifications for construction of these improvements.

Attached is a bid tabulation for this project. The bid proposal in the specifications for construction was structured to provide an incentive/disincentive method of bidding the improvements. Specifically, each bid submitted was required to consist of two parts whereby:

- a. The Contractor submits a standard bid (A), which is the summation of the products of the estimated quantities shown in the proposal, multiplied by their bid unit prices.
- b. In addition, the Contractor submits a time bid (B), which is the product of the number of calendar days required to construct the project, determined by the Contractor, and the Daily Value established by the Town. The Daily Value was established in the contract at \$1,000. The number of calendar days is intended to include inclement weather, holidays, etc.

TOWN OF ADDISON, TEXAS
Marsh Lane Water Line Replacement
(Brookhaven Club Drive to Spring Valley Road)

SUMMARY OF BIDS

Bids Received Until 10:00 a.m., Tuesday, May 28, 2002

<u>Contractor</u>	(A) Amount Bid (Items 1 thru 34)	Calendar Days Bid	(B) Calendar Days x \$1,000	(A) + (B) Total Amount of Bid
1. Rycon, Inc. 13221 Bee Street Farmers Branch, Texas 75234	<u>\$ 311,410.00</u>	<u>90</u>	<u>\$ 90,000.00</u>	<u>\$ 401,410.00</u>
2. John Burns Const. Co. of Texas P. O. Box 1117 Lewisville, Texas 75067	<u>\$ 374,400.00</u>	<u>70</u>	<u>\$ 70,000.00</u>	<u>\$ 444,400.00</u>
3. Mastec North America 4747 Irving Blvd., #221 Dallas, Texas 75247	<u>\$ 422,805.00</u>	<u>120</u>	<u>\$ 120,000.00</u>	<u>\$ 542,805.00</u>
4. Texas Sterling Construction, L.P. 2100 N. Hwy. 360, #106A Grand Prairie, Texas 75050	<u>\$ 515,918.00</u>	<u>120</u>	<u>\$ 120,000.00</u>	<u>\$ 635,918.00</u>
5. Moss Construction Co., Inc. 3455 West F.M. 544 Wylie, Texas 75098	<u>\$ 566,668.00</u>	<u>120</u>	<u>\$ 120,000.00</u>	<u>\$ 686,668.00</u>
6. C-Con Services 11127 Shady Trail, #108 Dallas, Texas 75229	<u>\$ 580,426.00 *</u>	<u>85</u>	<u>\$ 85,000.00</u>	<u>\$ 665,426.00 *</u>

*** Did Not Bid on Item No. 34**

BIRKHOFF, HENDRICKS & CONWAY, L.L.P.
CONSULTING ENGINEERS

7502 Greenville Ave., #220

Dallas, Texas 75231

Fax (214) 361-0204

Phone (214) 361-7900

JOHN W. BIRKHOFF, P.E.
RONALD V. CONWAY, P.E.
GARY C. HENDRICKS, P.E.
JOE R. CARTER, P.E.
PAUL A. CARLINE, P.E.
MATT HICKEY, P.E.
DOUGLAS K. SHOWERS, P.E.

May 31, 2002

ROSS L. JACOBS, P.E.
I. C. FINKLEA, P.E.

Mr. Steven Z. Chutchian, P.E.
Assistant City Engineer
Town of Addison
P. O. Box 9010
Addison, Texas 75001-9010

Re: Marsh Lane Waterline

Dear Mr. Chutchian:

We are enclosing five copies of the bid tabulation for the Marsh Lane Waterline project in which bids were received until 10:00 a.m. on May 28, 2002. Also enclosed is a copy of the contractor's proposal and bid schedule from which the tabulation was created. Please note that the low bidder had a few errors, which were corrected during the bid tabulation process. Those errors and corrections are shown on the enclosed Contractors Proposal and Bid Schedule. It is our understanding that the Town of Addison is checking references and will make a recommendation for award to council.

We are available at your convenience to discuss any questions you may have with the tabulation.

Sincerely,



John W. Birkhoff, P.E.

Enclosures

TOWN OF ADDISON, TEXAS
Marsh Lane Water Line Replacement
(Brookhaven Club Drive to Spring Valley Road)

SUMMARY OF BIDS

Bids Received Until 10:00 a.m., Tuesday, May 28, 2002

<u>Contractor</u>	<u>(A)</u> <u>Amount Bid</u> <u>(Items 1 thru 34)</u>	<u>Calendar</u> <u>Days Bid</u>	<u>(B)</u> <u>Calendar</u> <u>Days x \$1,000</u>	<u>(A) + (B)</u> <u>Total</u> <u>Amount of Bid</u>
1. Rycon, Inc. 13221 Bee Street Farmers Branch, Texas 75234	\$ 311,410.00	90	\$ 90,000.00	\$ 401,410.00
2. John Burns Const. Co. of Texas P. O. Box 1117 Lewisville, Texas 75067	\$ 374,400.00	70	\$ 70,000.00	\$ 444,400.00
3. Mastec North America 4747 Irving Blvd., #221 Dallas, Texas 75247	\$ 422,805.00	120	\$ 120,000.00	\$ 542,805.00
4. Texas Sterling Construction, L.P. 2100 N. Hwy. 360, #106A Grand Prairie, Texas 75050	\$ 515,918.00	120	\$ 120,000.00	\$ 635,918.00
5. Moss Construction Co., Inc. 3455 West F.M. 544 Wylie, Texas 75098	\$ 566,668.00	120	\$ 120,000.00	\$ 686,668.00
6. C-Con Services 11127 Shady Trail, #108 Dallas, Texas 75229	\$ 580,426.00 *	85	\$ 85,000.00	\$ 665,426.00 *

* Did Not Bid on Item No. 34

TOWN OF ADDISON, TEXAS
Marsh Lane Water Line Replacement
(Brookhaven Club Drive to Spring Valley Road)

BID SCHEDULE

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
1	2,015	L.F.	Furnish and Install 8-Inch PVC (C-909, Class 150) Waterline, including Embedment by Open Cut complete in place, the sum of _____ Thirty-Six _____ Dollars and _____ No _____ Cents per Linear Foot	\$ 36.00	\$ 72,540.00
2	390	L.F.	Furnish and Install 8-Inch PVC (C-909, Class 150) Waterline by other than Open Cut complete in place, the sum of _____ Forty-Nine _____ Dollars and _____ No _____ Cents per Linear Foot	\$ 49.00	\$ 19,110.00
3	85	L.F.	Furnish and Install 6-Inch PVC (C-909, Class 150) Waterline, including Embedment by Open Cut complete in place, the sum of _____ Thirty-Eight _____ Dollars and _____ No _____ Cents per Linear Foot	\$ 38.00	\$ 3,230.00
4	15	Ea.	Furnish and Install 2-Inch Service Connection, including All Fittings at Water Main complete in place, the sum of _____ One Thousand, Two Hundred _____ Dollars and _____ No _____ Cents per Each	\$ 1,200.00	\$ 18,000.00
5	18	Ea.	Furnish and Install New Meter With Box and Service Connection complete in place, the sum of _____ Four Hundred Fifty _____ Dollars and _____ No _____ Cents per Each	\$ 450.00	\$ 8,100.00

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
6	9	Ea.	Furnish and Install 8-Inch Resilient Seated Gate Valve complete in place, the sum of _____ Seven Hundred Twenty-Five _____ _____ Dollars and _____ No _____ Cents per Each	\$ 725.00	\$ 6,525.00
7	7	Ea.	Furnish and Install 6-Inch Resilient Seated Gate Valve complete in place, the sum of _____ Six Hundred _____ _____ Dollars and _____ No _____ Cents per Each	\$ 600.00	\$ 4,200.00
8	7	Ea.	Furnish and Install Standard Fire Hydrant complete in place, the sum of _____ One Thousand, Seven Hundred _____ Seventy-Five _____ Dollars and _____ No _____ Cents per Each	\$ 1,775.00	\$ 12,425.00
9	160	L.F.	Furnish and Install 2-Inch Copper Waterline, including All Fittings by Open Cut complete in place, the sum of _____ Twenty _____ _____ Dollars and _____ No _____ Cents per Linear Foot	\$ 20.00	\$ 3,200.00
10	5	Ea.	For Cutting and Plugging Existing 8-Inch Waterline complete in place, the sum of _____ Eight Hundred Fifty _____ _____ Dollars and _____ No _____ Cents per Each	\$ 850.00	\$ 4,250.00
11	4	Ea.	For Connecting to Existing 8-Inch Waterline complete in place, the sum of _____ One Thousand, Six Hundred Fifty _____ _____ Dollars and _____ No _____ Cents per Each	\$ 1,650.00	\$ 6,600.00

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
12	5,000	Lbs.	Furnishing and Installing Ductile Iron Fittings complete in place, the sum of _____ One _____ Dollars and _____ No _____ Cents per Pound	\$ 1.00	\$ 5,000.00
13	36	L.F.	For Removing Existing 6-Inch Sanitary Sewer and Replacing with 6-Inch ASTM 2241 PVC with Embedment complete in place, the sum of _____ Seventy-Five _____ Dollars and _____ No _____ Cents per Linear Foot	\$ 75.00	\$ 2,700.00
14	4	Ea.	For Connecting to Existing 6-Inch Sanitary Sewer complete in place, the sum of _____ Eight Hundred _____ Dollars and _____ No _____ Cents per Each	\$ 800.00	\$ 3,200.00
15	600	S.Y.	For Removing Existing 8-Inch Reinforced Concrete Pavement complete in place, the sum of _____ Ten _____ Dollars and _____ No _____ Cents per Square Yard	\$ 10.00	\$ 6,000.00
16	600	S.Y.	For Furnishing and Placing 10-Inch Reinforced Concrete Pavement complete in place, the sum of _____ Forty _____ Dollars and _____ No _____ Cents per Square Yard	\$ 40.00	\$ 24,000.00
17	325	S.Y.	For Removing and Replacing Existing 8-Inch Reinforced Concrete Driveway complete in place, the sum of _____ Thirty-Three _____ Dollars and _____ No _____ Cents per Square Yard	\$ 33.00	\$ 10,725.00

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
18	50	Ton	For Removing and Replacing Existing Hot Mix Asphaltic Concrete complete in place, the sum of _____ Seventy-Five _____ _____ Dollars and _____ No _____ Cents per Ton	\$ 75.00	\$ 3,750.00
19	300	S.Y.	For Removing and Replacing Existing 4-Inch Reinforce Concrete Walk, including ADA Ramps complete in place, the sum of _____ Thirty-Five _____ _____ Dollars and _____ No _____ Cents per Square Yard	\$ 35.00	\$ 10,500.00
20	150	Ton	Furnishing and Placing 1-Inch Hot Mix Asphalt Overlay complete in place, the sum of _____ Sixty-One _____ _____ Dollars and _____ No _____ Cents per Ton	\$ 61.00	\$ 9,150.00
21	150	L.F.	For Removing and Replacing Existing 6-Inch Monolithic Curb with Dowels complete in place, the sum of _____ Nine _____ _____ Dollars and _____ No _____ Cents per Linear Foot	\$ 9.00	\$ 1,350.00
22	632	L.F.	For Removing and Replacing Existing 6-Inch Curb and Gutter complete in place, the sum of _____ Fifteen _____ _____ Dollars and _____ No _____ Cents per Linear Foot	\$ 15.00	\$ 9,480.00
23	3,262	L.F.	Full Depth Saw Cut complete in place, the sum of _____ Four _____ _____ Dollars and _____ No _____ Cents per Linear Foot	\$ 4.00	\$ 13,048.00

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
24	0.25	Ac.	Furnish, Place Maintain and Establish Solid Sod complete in place, the sum of _____ Twenty-Two Thousand _____ Dollars and _____ No Cents per Acre	\$ 22,000.00	\$ 5,500.00
25	3	Ea.	For Removing Existing Trees and Replace with 3-Inch Bradford Pear Trees complete in place, the sum of _____ Seven Hundred _____ Dollars and _____ No Cents per Each	\$ 700.00	\$ 2,100.00
26	5	Ea.	For Removing Existing Fire Hydrant complete in place, the sum of _____ Six Hundred Fifty _____ Dollars and _____ No Cents per Each	\$ 650.00	\$ 3,250.00
27	1	L.S.	Barricades, Signs and Traffic Handling complete in place, the sum of _____ Four Thousand, Five Hundred _____ Dollars and _____ No Cents per Lump Sum	\$ 4,500.00	\$ 4,500.00
28	600	L.F.	Temporary Sediment Control Fencing complete in place, the sum of _____ Four _____ Dollars and _____ No Cents per Linear Foot	\$ 4.00	\$ 2,400.00
29	2,486	L.F.	Furnish and Install Trench Safety System complete in place, the sum of _____ Seven _____ Dollars and _____ No Cents per Linear Foot	\$ 7.00	\$ 17,402.00

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
30	1	L.S.	Furnish Trench Safety Plan complete in place, the sum of _____ Ten Thousand _____ Dollars and _____ No _____ Cents per Lump Sum	\$ 10,000.00	\$ 10,000.00
31	5	Ea.	Abandon Existing Valve on Main 8-Inch Line in Place, including Pavement Replacement the sum of _____ One Hundred Twenty-Five _____ Dollars and _____ No _____ Cents per Each	\$ 125.00	\$ 625.00
32	5	Ea.	Abandon Existing Valve in Place on Fire Hydrant Leads, including Solid Sod Restoration the sum of _____ Three Hundred Ten _____ Dollars and _____ No _____ Cents per Each	\$ 310.00	\$ 1,550.00
33	1	Ea.	Furnishing and Installing 2-Inch Air and Vacuum Valve Assembly, including 2-Inch Gate Valve the sum of _____ Two Thousand _____ Dollars and _____ No _____ Cents per Each	\$ 2,000.00	\$ 2,000.00
34	1	L.S.	For Irrigation Repairs or Replacement Caused by Construction Activities, complete in place by a Licensed Irrigator the sum of _____ Five Thousand _____ Dollars and _____ No _____ Cents per Lump Sum	\$ 5,000.00	\$ 5,000.00
AMOUNT BID (Items 1 Through 34)					\$ 311,410.00

**TOWN OF ADDISON, TEXAS
Marsh Lane Water Line Replacement
(Brookhaven Club Drive to Spring Valley Road)**

BID SCHEDULE SUMMARY

**Total Amount
Materials & Services**

(A) TOTAL OF STANDARD BID (Items 1 Through 34): \$ 311,410.00

Written in Words: Three Hundred Eleven Thousand, Four Hundred Ten Dollars
and No Cents

TOTAL OF TIME BID: 90 (calendar days)

(B) TOTAL OF CALENDAR DAYS x \$1,000.00 = \$ 90,000.00

BASIS FOR COMPARISON OF BIDS: (A) + (B) = TOTAL BID:	\$ 401,410.00
---	----------------------

- NOTES:**
1. All items, labor, materials, equipment, facilities, incidentals, and work required for construction of the project are to be provided and installed by the Contractor as part of the project and payment for the cost of such shall be included in the price bid for the construction of the project.
 2. Prices must be shown in words and figures for each item listed in this Proposal. In the event of discrepancy, the words shall control.
 3. It is understood that the Bid Security shall be collected and retained by the Owner as liquidated damages in the event a contract is made by the Owner based on this proposal within ninety (90) calendar days after receiving bids and the undersigned fails to execute the contract and required bonds within ten (10) days from the date the Contractor is notified and has received the conformed documents. After this period, if the contract has been executed and the required bonds have been submitted, the said Bid Security shall be returned to the undersigned upon demand.
 4. One contract will be awarded based on the total value of Items (A) plus (B).

Bidder's Tax I.D. No. or Employer No. 75-2940340

If BIDDER is:

An Individual

By _____ (Seal)
(Individual's Name)

doing business as _____

Business address: _____

Phone No. _____



A Partnership

By _____ (Seal)
(Firm Name)

(General Partner)

doing business as _____

Business address: _____

Phone No. _____

BID FORM

05-14, 2002

TO: The Honorable Mayor and Town Council
Town of Addison, Texas

Gentlemen:

The undersigned bidder, having examined the plans, specifications and contract documents, and the location of the proposed work, and being fully advised as to the extent and character of the work, proposes to furnish all equipment and to perform labor and work necessary for completion of the work described by and in accordance with the Plans, Specifications and Contract for the following prices, to wit:

Signed by: Mark Hill

ACKNOWLEDGMENT OF ADDENDA:

The Bidder acknowledges receipt of the following addenda:

- Addendum No. 1 05/06/02
- Addendum No. 2 05/10/02
- Addendum No. 3 05/13/02
104-05/24/02

RYDON INC.
Contractor

By: MARK HEDGECOCK
(please print name)

Signature: Mark Hill

Title: PRESIDENT

13221 BEE ST
Address

FARMERS BRANCH TX 75234
City, County, State and Zip

972-484-0968 484-8974
Telephone Fax No.

E-Mail Address: _____

Seal and Authorization
(If a Corporation)

TOWN OF ADDISON, TEXAS
Marsh Lane Water Line Replacement
(Brookhaven Club Drive to Spring Valley Road)

BID SCHEDULE

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
1	2,015	L.F.	Furnish and Install 8-Inch PVC (C-909, Class 150) Waterline, including Embedment by Open Cut complete in place, the sum of <u>THIRTY SIX</u> Dollars and <u>FOUR</u> Cents per Linear Foot	36 34 NS	72540 68510 NS
2	390	L.F.	Furnish and Install 8-Inch PVC (C-909, Class 150) Waterline by other than Open Cut complete in place, the sum of <u>FORTY NINE</u> Dollars and <u>FIFTY</u> Cents per Linear Foot	49 46 NS	119110 18175 NS
3	85	L.F.	Furnish and Install 6-Inch PVC (C-909, Class 150) Waterline, including Embedment by Open Cut complete in place, the sum of <u>THIRTY EIGHT</u> Dollars and <u>THIRTY FIVE</u> Cents per Linear Foot	38 35	3230 2975
4	15	Ea.	Furnish and Install 2-Inch Service Connection, including All Fittings at Water Main complete in place, the sum of <u>TWELVE</u> Dollars and <u>HUNDREDS</u> Cents per Each	1200 1100 NS	18000 16500 NS
5	18	Ea.	Furnish and Install New Meter With Box and Service Connection complete in place, the sum of <u>FOUR HUNDREDS FIFTY</u> Dollars and <u>TWENTY FIVE</u> Cents per Each	450 425	8100 7650

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
6	9	Ea.	Furnish and Install 8-Inch Resilient Seated Gate Valve complete in place, the sum of <u>SEVEN HUNDRED TWENTY FIVE</u> Dollars and <u>0</u> Cents per Each	705	6925
7	7	Ea.	Furnish and Install 6-Inch Resilient Seated Gate Valve complete in place, the sum of <u>SIX HUNDRED</u> Dollars and <u>0</u> Cents per Each	600	4200
8	7	Ea.	Furnish and Install Standard Fire Hydrant complete in place, the sum of <u>FIFTEEN HUNDRED</u> Dollars SEVENTEEN HUNDRED <u>SEVENTY FIVE</u> Dollars and <u>0</u> Cents per Each	1775 1500	12,425. ⁰⁰ 5325 4500
9	160	L.F.	Furnish and Install 2-Inch Copper Waterline, including All Fittings by Open Cut complete in place, the sum of <u>TWENTY</u> Dollars and <u>0</u> Cents per Linear Foot	20	3200
10	4	Ea.	For Cutting and Plugging Existing 8-Inch Waterline complete in place, the sum of <u>SEVEN HUNDRED</u> Dollars EIGHT HUNDRED FIFTY Dollars and <u>0</u> Cents per Each	850 700	4250 2800
11	4	Ea.	For Connecting to Existing 8-Inch Waterline complete in place, the sum of <u>FIFTEEN HUNDRED</u> Dollars SIXTEEN HUNDRED FIFTY Dollars and <u>0</u> Cents per Each	1650 1500	6600 6000

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
12	5,000	Lbs.	Furnishing and Installing Ductile Iron Fittings complete in place, the sum of <u>ONE</u> Dollars and <u>0</u> Cents per Pound	<u>100</u>	<u>5000</u>
13	36	L.F.	For Removing Existing 6-Inch Sanitary Sewer and Replacing with 6-Inch ASTM 2241 PVC with Embedment complete in place, the sum of <u>SEVENTY FIVE</u> Dollars and <u>0</u> Cents per Linear Foot	<u>75</u> <u>70</u>	<u>2700</u> <u>2520</u>
14	4	Ea.	For Connecting to Existing 6-Inch Sanitary Sewer complete in place, the sum of <u>EIGHT HUNDRED</u> Dollars and <u>0</u> Cents per Each	<u>800</u>	<u>3200</u>
15	600	S.Y.	For Removing Existing 8-Inch Reinforced Concrete Pavement complete in place, the sum of <u>TEN</u> Dollars and <u>0</u> Cents per Square Yard	<u>10</u> <u>8</u>	<u>6000</u> <u>4800</u>
16	600	S.Y.	For Furnishing and Placing 10-Inch Reinforced Concrete Pavement complete in place, the sum of <u>FOURTY</u> Dollars and <u>0</u> Cents per Square Yard	<u>40</u>	<u>24000</u>
17	325	S.Y.	For Removing and Replacing Existing 8-Inch Reinforced Concrete Driveway complete in place, the sum of <u>THIRTY THREE</u> Dollars and <u>0</u> Cents per Square Yard	<u>33</u>	<u>10725</u>

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
18	50	Ton	For Removing and Replacing Existing Hot Mix Asphaltic Concrete complete in place, the sum of <u>SEVENTY FIVE</u> Dollars and <u>0</u> Cents per Ton	75 65	3750 3250
19	275 300 Add. #2	S.Y.	For Removing and Replacing Existing 4-Inch Reinforce Concrete Walk complete in place, the sum of <u>THIRTY FIVE</u> Dollars and <u>0</u> Cents per Square Yard	35	10,500.00 BZ 9675
20	150	Ton	Furnishing and Placing 1-1/2-Inch Hot Mix Asphalt Overlay complete in place, the sum of <u>SIXTY ONE</u> Dollars and <u>0</u> Cents per Ton	61	9150
21	150 352 Add. #2	L.F.	For Removing and Replacing Existing 6-Inch Monolithic Curb with Dowels complete in place, the sum of <u>NINE</u> Dollars and <u>0</u> Cents per Linear Foot	9	1,350.00 BZ 3168
22	632	L.F.	For Removing and Replacing Existing 6-Inch Curb and Gutter complete in place, the sum of <u>FIFTEEN</u> Dollars and <u>0</u> Cents per Linear Foot	15	9480
23	3,262	L.F.	Full Depth Saw Cut complete in place, the sum of <u>FOUR</u> Dollars and <u>0</u> Cents per Linear Foot	4	13048

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
24	0.25	Ac.	Furnish, Place Maintain and Establish Solid Sod complete in place, the sum of <u>TWENTY TWO THOUSAND</u> Dollars and <u>0</u> Cents per Acre	22000	5500
25	3	Ea.	For Removing Existing Trees and Replace with 3-Inch Bradford Pear Trees complete in place, the sum of <u>SEVEN HUNDRED</u> Dollars and <u>0</u> Cents per Each	700	2100
26	5	Ea.	For Removing Existing Fire Hydrant complete in place, the sum of <u>SIX HUNDRED FIFTY</u> Dollars and <u>0</u> Cents per Each	650	3250
27	1	L.S.	Barricades, Signs and Traffic Handling complete in place, the sum of <u>FORTY FIVE HUNDRED</u> Dollars and <u>0</u> Cents per Lump Sum	4500	4500
28	600	L.F.	Temporary Sediment Control Fencing complete in place, the sum of <u>FOUR</u> Dollars and <u>0</u> Cents per Linear Foot	4	2400
29	2,486	L.F.	Furnish and Install Trench Safety System complete in place, the sum of <u>SIX THOUSAND SIX HUNDRED</u> Dollars and <u>0</u> Cents per Linear Foot	7 6 14	17400 14916 NS 17,402.00

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
30	1	L.S.	Furnish Trench Safety Plan complete in place, the sum of <u>TEN THOUSAND</u> Dollars and <u>0</u> Cents per Lump Sum	10,000	10,000
31	5	Ea.	Abandon Existing Valve on Main 8-Inch Line in Place, including Pavement Replacement the sum of <u>ONE HUNDRED TWENTY FIVE</u> Dollars and <u>0</u> Cents per Each	125	625
32	5	Ea.	Abandon Existing Valve in Place on Fire Hydrant Leads, including Solid Sod Restoration the sum of <u>THREE HUNDRED FIFTY</u> Dollars and <u>0</u> Cents per Each	310	1550
33	1	Ea.	Furnishing and Installing 2-Inch Air and Vacuum Valve Assembly, including 2-Inch Gate Valve the sum of <u>TWO THOUSAND</u> Dollars and <u>0</u> Cents per Each	2000	2000

AMOUNT BID (Items 1 Through 33) ~~204,500.00~~

TOTAL ~~304,500~~
304,310.00

34. 1 LS IRRIGATION REPAIRS 2x4
LICENSED IRRIGATOR 5000 5000

\$ 311,410.00 BF

TOWN OF ADDISON, TEXAS
Marsh Lane Water Line Replacement
(Brookhaven Club Drive to Spring Valley Road)

BID SCHEDULE SUMMARY

Total Amount
Materials & Services

(A) TOTAL OF STANDARD BID (Items 1 Through 33):

\$ 285,802.

Written in Words:

~~THREE HUNDRED FOUR THOUSAND THREE HUNDRED TEN~~
~~TWO HUNDRED EIGHTY FIVE THOUSAND~~
EIGHT HUNDRED TWO DOLLARS

TOTAL OF TIME BID: 90 (calendar days)

(B) TOTAL OF CALENDAR DAYS x \$1,000.00 =

90,000

BASIS FOR COMPARISON OF BIDS: (A) + (B) = TOTAL BID:

~~375,802.00~~

TOTAL \$ 395,802.00
 \$ 401,410.00 B7

- NOTES:**
1. All items, labor, materials, equipment, facilities, incidentals, and work required for construction of the project are to be provided and installed by the Contractor as part of the project and payment for the cost of such shall be included in the price bid for the construction of the project.
 2. Prices must be shown in words and figures for each item listed in this Proposal. In the event of discrepancy, the words shall control.
 3. It is understood that the Bid Security shall be collected and retained by the Owner as liquidated damages in the event a contract is made by the Owner based on this proposal within ninety (90) calendar days after receiving bids and the undersigned fails to execute the contract and required bonds within ten (10) days from the date the Contractor is notified and has received the conformed documents. After this period, if the contract has been executed and the required bonds have been submitted, the said Bid Security shall be returned to the undersigned upon demand.
 4. One contract will be awarded based on the total value of Items (A) plus (B).

Bidder's Tax I.D. No. or Employer No.

75-2940340

BID FORM

May 14, 2002

TO: The Honorable Mayor and Town Council
Town of Addison, Texas

Gentlemen:

The undersigned bidder, having examined the plans, specifications and contract documents, and the location of the proposed work, and being fully advised as to the extent and character of the work, proposes to furnish all equipment and to perform labor and work necessary for completion of the work described by and in accordance with the Plans, Specifications and Contract for the following prices, to wit:

Signed by: [Signature] Exec. V.P.

ACKNOWLEDGMENT OF ADDENDA:

The Bidder acknowledges receipt of the following addenda:

Addendum No. 1 5/16/02 [Signature]

Addendum No. 2 5/10/02 [Signature]

Addendum No. 3 5/13/02 D.B.

Add. No. 4 5/22/02 D.B.

John Burns Construction Company of Texas, Inc.
Contractor

By: Driskoll Tubbs
(please print name)

Signature: [Signature]

Title: Executive Vice President

655 E. Main, P.O. Box 1117
Address

Lewisville, Dade Co, Texas 75067
City, County, State and Zip

972/434-6789 972/721-8301
Telephone Fax No.

E-Mail Address: dtubbs@jbcco.com

Seal and Authorization
(If a Corporation)

TOWN OF ADDISON, TEXAS
Marsh Lane Water Line Replacement
(Brookhaven Club Drive to Spring Valley Road)

BID SCHEDULE

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
1	2,015	L.F.	Furnish and Install 8-Inch PVC (C-909, Class 150) Waterline, including Embedment by Open Cut complete in place, the sum of <u>Sixty</u> _____ Dollars and <u>No</u> Cents per Linear Foot	\$60. ⁰⁰	\$120,900. ⁰⁰
2	390	L.F.	Furnish and Install 8-Inch PVC (C-909, Class 150) Waterline by other than Open Cut complete in place, the sum of <u>ONE</u> <u>Hundred twenty two</u> _____ Dollars and <u>No</u> Cents per Linear Foot	\$122. ⁰⁰	\$47,580. ⁰⁰
3	85	L.F.	Furnish and Install 6-Inch PVC (C-909, Class 150) Waterline, including Embedment by Open Cut complete in place, the sum of <u>Thirty</u> <u>Five</u> _____ Dollars and <u>Fifty</u> Cents per Linear Foot	\$35. ⁵⁰	\$3017. ⁵⁰
4	15	Ea.	Furnish and Install 2-Inch Service Connection, including All Fittings at Water Main complete in place, the sum of <u>Four</u> <u>Hundred twenty</u> _____ Dollars and <u>No</u> Cents per Each	\$420. ⁰⁰	\$6300. ⁰⁰
5	18	Ea.	Furnish and Install New Meter With Box and Service Connection complete in place, the sum of <u>SEVEN</u> <u>Hundred twenty five</u> _____ Dollars and <u>No</u> Cents per Each	\$725. ⁰⁰	\$13,050. ⁰⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
6	9	Ea.	Furnish and Install 8-Inch Resilient Seated Gate Valve complete in place, the sum of <u>SEVEN</u> <u>Hundred Eighty Five</u> Dollars and <u>No</u> Cents per Each	\$785. ⁰⁰	\$7,065. ⁰⁰
7	7	Ea.	Furnish and Install 6-Inch Resilient Seated Gate Valve complete in place, the sum of <u>FIVE</u> <u>Hundred Eighty ONE</u> Dollars and <u>No</u> Cents per Each	\$581. ⁰⁰	\$4,067. ⁰⁰
8	7	Ea.	Furnish and Install Standard Fire Hydrant complete in place, the sum of <u>ONE</u> <u>Thousand Five Hundred</u> Dollars and <u>No</u> Cents per Each	\$1500. ⁰⁰	\$10,500. ⁰⁰
9	160	L.F.	Furnish and Install 2-Inch Copper Waterline, including All Fittings by Open Cut complete in place, the sum of <u>SEVENTEEN</u> Dollars and <u>No</u> Cents per Linear Foot	\$17. ⁰⁰	\$2720. ⁰⁰
10	Add #2 5	Ea.	For Cutting and Plugging Existing 8-Inch Waterline complete in place, the sum of <u>FOUR</u> <u>Hundred Fifty</u> Dollars and <u>No</u> Cents per Each	\$450. ⁰⁰	\$2250. ⁰⁰
11	4	Ea.	For Connecting to Existing 8-Inch Waterline complete in place, the sum of <u>ONE THOUSAND</u> <u>Two Hundred twenty FIVE</u> Dollars and <u>No</u> Cents per Each	\$1225. ⁰⁰	\$4900. ⁰⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
12	5,000	Lbs.	Furnishing and Installing Ductile Iron Fittings complete in place, the sum of <u>ONE</u> Dollars and <u>No</u> Cents per Pound	\$1. ⁰⁰	\$5,000. ⁰⁰
13	36	L.F.	For Removing Existing 6-Inch Sanitary Sewer and Replacing with 6-Inch ASTM 2241 PVC with Embedment complete in place, the sum of <u>Two</u> <u>Hundred</u> Dollars and <u>No</u> Cents per Linear Foot	\$200. ⁰⁰	\$7200. ⁰⁰
14	4	Ea.	For Connecting to Existing 6-Inch Sanitary Sewer complete in place, the sum of <u>Two</u> <u>Hundred</u> Dollars and <u>No</u> Cents per Each	\$200. ⁰⁰	\$800. ⁰⁰
15	600	S.Y.	For Removing Existing 8-Inch Reinforced Concrete Pavement complete in place, the sum of <u>SEVEN</u> Dollars and <u>Twenty Five</u> Cents per Square Yard	\$7. ²⁵	\$4,350. ⁰⁰
16	600	S.Y.	For Furnishing and Placing 10-Inch Reinforced Concrete Pavement complete in place, the sum of <u>Fifty</u> <u>SEVEN</u> Dollars and <u>Seventy Five</u> Cents per Square Yard	\$57. ⁷⁵	\$34,650. ⁰⁰
17	325	S.Y.	For Removing and Replacing Existing 8-Inch Reinforced Concrete Driveway complete in place, the sum of <u>Twenty</u> <u>NINE</u> Dollars and <u>Fifty</u> Cents per Square Yard	\$29. ⁵⁰	\$9587. ⁵⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
18	50	Ton	For Removing and Replacing Existing Hot Mix Asphaltic Concrete complete in place, the sum of <u>Eighty</u> <u>two</u> Dollars and <u>Fifty</u> Cents per Ton	\$ <u>82.</u> ⁵⁰	\$ <u>4,125.</u> ⁰⁰
19	300 ^{Add #2} <u>275</u>	S.Y.	For Removing and Replacing Existing 4-Inch Reinforce Concrete Walk ^{incl. ADA Ramps} complete in place, the sum of <u>Thirty</u> <u>ONE</u> Dollars and <u>NINETY</u> Cents per Square Yard	\$ <u>31.</u> ⁹⁰	\$ <u>9570.</u> ⁰⁰
20	150	Ton	^{ADD #2} Furnishing and Placing 1'-10" 1'- 10" Hot Mix Asphalt Overlay complete in place, the sum of <u>SEVENTY</u> <u>SEVEN</u> Dollars and <u>Forty</u> Cents per Ton	\$ <u>77.</u> ⁴⁰	\$ <u>11,610.</u> ⁰⁰
21	150 ^{Add #2} <u>352</u>	L.F.	For Removing and Replacing Existing 6-Inch Monolithic Curb with Dowels complete in place, the sum of <u>FOUR</u> Dollars and <u>10</u> Cents per Linear Foot	\$ <u>4.</u> ⁰⁰	\$ <u>600.</u> ⁰⁰
22	632	L.F.	For Removing and Replacing Existing 6-Inch Curb and Gutter complete in place, the sum of <u>Thirteen</u> Dollars and <u>Twenty Five</u> Cents per Linear Foot	\$ <u>13.</u> ²⁵	\$ <u>8374.</u> ⁰⁰
23	3,262	L.F.	Full Depth Saw Cut complete in place, the sum of <u>ONE</u> Dollars and <u>Fifty</u> Cents per Linear Foot	\$ <u>1.</u> ⁵⁰	\$ <u>4893.</u> ⁰⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
24	0.25	Ac.	Furnish, Place Maintain and Establish Solid Sod complete in place, the sum of <u>FIFTEEN THOUSAND</u> Dollars and <u>NO</u> Cents per Acre	\$15,000. ⁰⁰	\$3750. ⁰⁰
25	3	Ea.	For Removing Existing Trees and Replace with 3-Inch Bradford Pear Trees complete in place, the sum of <u>NINE HUNDRED NINETY</u> Dollars and <u>NO</u> Cents per Each	\$990. ⁰⁰	\$2970. ⁰⁰
26	5	Ea.	For Removing Existing Fire Hydrant complete in place, the sum of <u>TWO HUNDRED EIGHTY FIVE</u> Dollars and <u>NO</u> Cents per Each	\$286. ⁰⁰	\$1425. ⁰⁰
27	1	L.S.	Barricades, Signs and Traffic Handling complete in place, the sum of <u>FIFTEEN THOUSAND</u> Dollars and <u>NO</u> Cents per Lump Sum	\$15,000. ⁰⁰	15,000. ⁰⁰
28	600	L.F.	Temporary Sediment Control Fencing complete in place, the sum of <u>ONE</u> Dollars and <u>SIXTY</u> Cents per Linear Foot	\$1. ⁰⁰	\$960. ⁰⁰
29	2,486	L.F.	Furnish and Install Trench Safety System complete in place, the sum of <u>ONE</u> Dollars and <u>NO</u> Cents per Linear Foot	\$1. ⁰⁰	\$2486. ⁰⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
30	1	L.S.	Furnish Trench Safety Plan complete in place, the sum of <u>Five Hundred</u> Dollars and <u>No</u> Cents per Lump Sum	\$500. ⁰⁰	\$500. ⁰⁰
31	5	Ea.	Abandon Existing Valve on Main 8-Inch Line in Place, including Pavement Replacement the sum of <u>Two Hundred Twenty Five</u> Dollars and <u>No</u> Cents per Each	\$225. ⁰⁰	\$1125. ⁰⁰
32	5	Ea.	Abandon Existing Valve in Place on Fire Hydrant Leads, including Solid Sod Restoration the sum of <u>Ninety Five</u> Dollars and <u>No</u> Cents per Each	\$95. ⁰⁰	\$475. ⁰⁰
33	1	Ea.	Furnishing and Installing 2-Inch Air and Vacuum Valve Assembly, including 2-Inch Gate Valve the sum of <u>Sixteen Hundred</u> Dollars and <u>No</u> Cents per Each	\$1600. ⁰⁰	\$1600. ⁰⁰
AMOUNT BID (Items 1 Through ³⁴ 33)					\$374,400. ⁰⁰

Page PF-8, add Bid Item 34 as follows:

Item No.	Estimated Quantity	Unit	Description and Price in Words	
34	1	L.S.	For Irrigation Repairs or Replacement Caused by Construction Activities, complete in place by Licensed Irrigator the sum of <u>Twenty One Thousand</u> Dollars and <u>No</u> Cents per Lump Sum.	21,000. ⁰⁰

TOWN OF ADDISON, TEXAS
Marsh Lane Water Line Replacement
(Brookhaven Club Drive to Spring Valley Road)

BID SCHEDULE SUMMARY

Total Amount
Materials & Services

(A) TOTAL OF STANDARD BID (Items 1 Through ³⁴33):

\$ 374,400.⁰⁰

Written in Words: Three Hundred Seventy Four Thousand Four Hundred Dollars and no cents.

TOTAL OF TIME BID: 70 (calendar days)

(B) TOTAL OF CALENDAR DAYS x \$1,000.00 = \$70,000.⁰⁰

BASIS FOR COMPARISON OF BIDS: (A) + (B) = TOTAL BID:

\$444,400.⁰⁰

- NOTES:**
1. All items, labor, materials, equipment, facilities, incidentals, and work required for construction of the project are to be provided and installed by the Contractor as part of the project and payment for the cost of such shall be included in the price bid for the construction of the project.
 2. Prices must be shown in words and figures for each item listed in this Proposal. In the event of discrepancy, the words shall control.
 3. It is understood that the Bid Security shall be collected and retained by the Owner as liquidated damages in the event a contract is made by the Owner based on this proposal within ninety (90) calendar days after receiving bids and the undersigned fails to execute the contract and required bonds within ten (10) days from the date the Contractor is notified and has received the conformed documents. After this period, if the contract has been executed and the required bonds have been submitted, the said Bid Security shall be returned to the undersigned upon demand.
 4. One contract will be awarded based on the total value of Items (A) plus (B).

Bidder's Tax I.D. No. or Employer No. 75-2016980

BID FORM

May 14, 2002

TO: The Honorable Mayor and Town Council
Town of Addison, Texas

Gentlemen:

The undersigned bidder, having examined the plans, specifications and contract documents, and the location of the proposed work, and being fully advised as to the extent and character of the work, proposes to furnish all equipment and to perform labor and work necessary for completion of the work described by and in accordance with the Plans, Specifications and Contract for the following prices, to wit:

Signed by: David Holland

ACKNOWLEDGMENT OF ADDENDA:

The Bidder acknowledges receipt of the following addenda:

Addendum No. 1 5-6-02

Addendum No. 2 5-10-02

Addendum No. 3 5-13-02

Addendum No. 4 5-22-02

Mastec North America
Contractor

By: David Holland

Signature: David Holland
(Please print name)

Title: Director, Western Region

Seal and Authorization
(If a Corporation)

4747 Irving Blvd. #221
Address

Dallas, Texas 75247
City, County, State and Zip

214-571-2500 Telephone 214-571-2555 Fax No.

E-Mail Address: dholland@mastec.com

TOWN OF ADDISON, TEXAS
Marsh Lane Water Line Replacement
(Brookhaven Club Drive to Spring Valley Road)

BID SCHEDULE

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
1	2,015	L.F.	Furnish and Install 8-Inch PVC (C-909, Class 150) Waterline, including Embedment by Open Cut complete in place, the sum of _____ _____ <i>Fifty</i> Dollars and _____ <i>No</i> _____ Cents per Linear Foot	50.00	100,750.00
2	390	L.F.	Furnish and Install 8-Inch PVC (C-909, Class 150) Waterline by other than Open Cut complete in place, the sum of _____ _____ <i>One Hundred</i> Dollars and _____ <i>No</i> _____ Cents per Linear Foot	100.00	39,000.00
3	85	L.F.	Furnish and Install 6-Inch PVC (C-909, Class 150) Waterline, including Embedment by Open Cut complete in place, the sum of _____ _____ <i>Thirty Two</i> Dollars and _____ <i>No</i> _____ Cents per Linear Foot	32.00	2,720.00
4	15	Ea.	Furnish and Install 2-Inch Service Connection, including All Fittings at Water Main complete in place, the sum of _____ _____ <i>Twenty One Hundred</i> _____ _____ <i>Twenty Five</i> Dollars and _____ <i>No</i> _____ Cents per Each	2125.00	31,875.00
5	18	Ea.	Furnish and Install New Meter With Box and Service Connection complete in place, the sum of _____ _____ <i>Twenty One Hundred</i> _____ _____ <i>Twenty Five</i> Dollars and _____ <i>No</i> _____ Cents per Each	2125.00	38,250.00 <i>BT</i> 59,500.00

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
6	9	Ea.	Furnish and Install 8-Inch Resilient Seated Gate Valve complete in place, the sum of _____ <u>Eight Hundred</u> Dollars and <u>No</u> Cents per Each	800.00	7,200.00
7	7	Ea.	Furnish and Install 6-Inch Resilient Seated Gate Valve complete in place, the sum of _____ <u>Five Hundred</u> <u>Seventy Five</u> Dollars and <u>No</u> Cents per Each	575.00	4,025.00
8	7	Ea.	Furnish and Install Standard Fire Hydrant complete in place, the sum of _____ <u>Eighteen Hundred Fifty</u> Dollars and <u>No</u> Cents per Each	1850.00	12,950.00
9	160	L.F.	Furnish and Install 2-Inch Copper Waterline, including All Fittings by Open Cut complete in place, the sum of _____ <u>Twenty Five</u> Dollars and <u>No</u> Cents per Linear Foot	25.00	4,000.00
10	4 5	Ea.	For Cutting and Plugging Existing 8-Inch Waterline complete in place, the sum of _____ <u>Five Hundred</u> Dollars and <u>No</u> Cents per Each	500.00	2,500.00
11	4	Ea.	For Connecting to Existing 8-Inch Waterline complete in place, the sum of _____ <u>Fifteen Hundred</u> Dollars and <u>No</u> Cents per Each	1,500.00	6,000.00

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
12	5,000	Lbs.	Furnishing and Installing Ductile Iron Fittings complete in place, the sum of _____ <i>Two</i> Dollars and <i>Seventy Five</i> Cents per Pound	2.75	13,750.00
13	36	L.F.	For Removing Existing 6-Inch Sanitary Sewer and Replacing with 6-Inch ASTM 2241 PVC with Embedment complete in place, the sum of _____ <i>Seventy Five</i> Dollars and <i>No</i> Cents per Linear Foot	75.00	2,700.00
14	4	Ea.	For Connecting to Existing 6-Inch Sanitary Sewer complete in place, the sum of _____ <i>Fifteen Hundred</i> Dollars and <i>No</i> Cents per Each	1500.00	6,000.00
15	600	S.Y.	For Removing Existing 8-Inch Reinforced Concrete Pavement complete in place, the sum of _____ <i>Ten</i> Dollars and <i>No</i> Cents per Square Yard	10.00	6,000.00
16	600	S.Y.	For Furnishing and Placing 10-Inch Reinforced Concrete Pavement complete in place, the sum of _____ <i>Sixty Nine</i> Dollars and <i>No</i> Cents per Square Yard	69.00	41,400.00
17	325	S.Y.	For Removing and Replacing Existing 8-Inch Reinforced Concrete Driveway complete in place, the sum of _____ <i>Seventy Two</i> Dollars and <i>No</i> Cents per Square Yard	72.00	23,400.00

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
18	50	Ton	For Removing and Replacing Existing Hot Mix Asphaltic Concrete complete in place, the sum of _____ <u>One Hundred</u> Dollars and <u>No</u> Cents per Ton	100.00	5,000.00
19	300 300	S.Y.	For Removing and Replacing Existing 4-Inch Reinforce Concrete Walk & ADA Ramp complete in place, the sum of _____ <u>Forty</u> Dollars and <u>No</u> Cents per Square Yard	40.00	12,000.00
20	150	Ton	Furnishing and Placing 1 1/2 -Inch Hot Mix Asphalt Overlay complete in place, the sum of _____ <u>One Hundred</u> Dollars and <u>No</u> Cents per Ton	100.00	15,000.00
21	150 150	L.F.	For Removing and Replacing Existing 6-Inch Monolithic Curb with Dowels complete in place, the sum of _____ <u>Fifty Four</u> Dollars and <u>No</u> Cents per Linear Foot	54.00	8,100.00
22	632	L.F.	For Removing and Replacing Existing 6-Inch Curb and Gutter complete in place, the sum of _____ <u>Fifteen</u> Dollars and <u>No</u> Cents per Linear Foot	15.00	9,480.00
23	3,262	L.F.	Full Depth Saw Cut complete in place, the sum of _____ <u>Two</u> Dollars and <u>No</u> Cents per Linear Foot	2.00	6,524.00

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
24	0.25	Ac.	Furnish, Place Maintain and Establish Solid Sod complete in place, the sum of _____ <u>Fifteen Thousand</u> Dollars and <u>No</u> Cents per Acre	15,000.00	3,750.00
25	3	Ea.	For Removing Existing Trees and Replace with 3-Inch Bradford Pear Trees complete in place, the sum of _____ <u>Five Hundred</u> Dollars and <u>No</u> Cents per Each	500.00	1,500.00
26	5	Ea.	For Removing Existing Fire Hydrant complete in place, the sum of _____ <u>Two Hundred Fifty</u> Dollars and <u>No</u> Cents per Each	250.00	1,250.00
27	1	L.S.	Barricades, Signs and Traffic Handling complete in place, the sum of _____ <u>Seventy Two Hundred Thirty</u> Dollars and <u>No</u> Cents per Lump Sum	7230.00	7,230.00
28	600	L.F.	Temporary Sediment Control Fencing complete in place, the sum of _____ <u>One</u> Dollars and <u>Eighty</u> Cents per Linear Foot	1.80	1,080.00
29	2,486	L.F.	Furnish and Install Trench Safety System complete in place, the sum of _____ <u>One</u> Dollars and <u>No</u> Cents per Linear Foot	1.00	2,486.00

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
30	1	L.S.	Furnish Trench Safety Plan complete in place, the sum of _____		
			<u>Six Hundred</u> Dollars		
			and <u>No</u> Cents per Lump Sum	600.00	600.00
31	5	Ea.	Abandon Existing Valve on Main 8-Inch Line in Place, including Pavement Replacement the sum of _____		
			<u>One Hundred</u> Dollars		
			and <u>No</u> Cents per Each	100.00	500.00
32	5	Ea.	Abandon Existing Valve in Place on Fire Hydrant Leads, including Solid Sod Restoration the sum of _____		
			<u>One Hundred</u> Dollars		
			and <u>No</u> Cents per Each	100.00	500.00
33	1	Ea.	Furnishing and Installing 2-Inch Air and Vacuum Valve Assembly, including 2-Inch Gate Valve the sum of _____		
			<u>Seventeen Hundred Eighty Five</u> Dollars		
			and <u>No</u> Cents per Each	1785.00	1,785.00

AMOUNT BID (Items 1 Through 33)

~~444,055.00~~

422,805.00

B. Page PF-8, add Bid Item 34 as follows:

Item No.	Estimated Quantity	Unit	Description and Price in Words
34	1	L.S.	For Irrigation Repairs or Replacement Caused by Construction Activities, complete in place by Licensed Irrigator the sum of <u>Thirty Five Hundred</u> Dollars and <u>No</u> Cents per Lump Sum

TOWN OF ADDISON, TEXAS
Marsh Lane Water Line Replacement
(Brookhaven Club Drive to Spring Valley Road)

BID SCHEDULE SUMMARY

Total Amount
Materials & Services

(A) TOTAL OF STANDARD BID (Items 1 Through ³⁴~~33~~):

422,805.⁰⁰
\$ 444,055.00

Written in Words: Four Hundred Forty Four Thousand Fifty Five
Dollars No Cents

TOTAL OF TIME BID: 120 (calendar days)

(B) TOTAL OF CALENDAR DAYS x \$1,000.00 = 120,000.00

BASIS FOR COMPARISON OF BIDS: (A) + (B) = TOTAL BID:	<u>564,055.00</u>
---	-------------------

542,805.00 Bf

- NOTES:**
1. All items, labor, materials, equipment, facilities, incidentals, and work required for construction of the project are to be provided and installed by the Contractor as part of the project and payment for the cost of such shall be included in the price bid for the construction of the project.
 2. Prices must be shown in words and figures for each item listed in this Proposal. In the event of discrepancy, the words shall control.
 3. It is understood that the Bid Security shall be collected and retained by the Owner as liquidated damages in the event a contract is made by the Owner based on this proposal within ninety (90) calendar days after receiving bids and the undersigned fails to execute the contract and required bonds within ten (10) days from the date the Contractor is notified and has received the conformed documents. After this period, if the contract has been executed and the required bonds have been submitted, the said Bid Security shall be returned to the undersigned upon demand.
 4. One contract will be awarded based on the total value of Items (A) plus (B).

Bidder's Tax I.D. No. or Employer No. 65-0829357

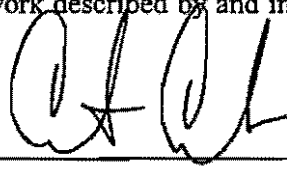
BID FORM

5-28-02, 2002

TO: The Honorable Mayor and Town Council
Town of Addison, Texas

Gentlemen:

The undersigned bidder, having examined the plans, specifications and contract documents, and the location of the proposed work, and being fully advised as to the extent and character of the work, proposes to furnish all equipment and to perform labor and work necessary for completion of the work described by and in accordance with the Plans, Specifications and Contract for the following prices, to wit:

Signed by: 
Anthony Colombo, VP.

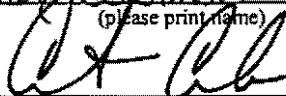
ACKNOWLEDGMENT OF ADDENDA:

The Bidder acknowledges receipt of the following addenda:

- Addendum No. 1 AC
- Addendum No. 2 AC
- Addendum No. 3 AC
- Addendum No. 4 AC

TEXAS STEELING CONSTRUCTION L.P.

Contractor
STERLING CONCRETE, INC / ITS GENERAL PARTNER
By: Anthony Colombo
(please print name)

Signature: 

Title: VICE PRESIDENT

2100 N Hwy 360 Suite 106A
Address

Grand Prairie TEXAS 75050
City, County, State and Zip

972-606-2733 972-606-2713
Telephone Fax No.

E-Mail Address: CWALL10077@AOL.COM

Seal and Authorization
(If a Corporation)

TOWN OF ADDISON, TEXAS
Marsh Lane Water Line Replacement
(Brookhaven Club Drive to Spring Valley Road)

BID SCHEDULE

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
1	2,015	L.F.	Furnish and Install 8-Inch PVC (C-909, Class 150) Waterline, including Embedment by Open Cut complete in place, the sum of _____ <u>Eighty Nine</u> Dollars and <u>NO</u> Cents per Linear Foot	89 ⁰⁰	179,335 ⁰⁰
2	390	L.F.	Furnish and Install 8-Inch PVC (C-909, Class 150) Waterline by other than Open Cut complete in place, the sum of _____ <u>One Hundred</u> Dollars and <u>NO</u> Cents per Linear Foot	100 ⁰⁰	39,000 ⁰⁰
3	85	L.F.	Furnish and Install 6-Inch PVC (C-909, Class 150) Waterline, including Embedment by Open Cut complete in place, the sum of _____ <u>Ninety</u> Dollars and <u>NO</u> Cents per Linear Foot	90 ⁰⁰	7,650 ⁰⁰
4	15	Ea.	Furnish and Install 2-Inch Service Connection, including All Fittings at Water Main complete in place, the sum of _____ <u>One Thousand</u> Dollars and <u>NO</u> Cents per Each	1,000 ⁰⁰	15,000 ⁰⁰
5	18	Ea.	Furnish and Install New Meter With Box and Service Connection complete in place, the sum of _____ <u>Four Hundred Twenty Five</u> Dollars and <u>NO</u> Cents per Each	425 ⁰⁰	7,650 ⁰⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
6	9	Ea.	Furnish and Install 8-Inch Resilient Seated Gate Valve complete in place, the sum of _____ <u>Thirteen Hundred</u> Dollars and <u>00</u> Cents per Each	1,300 ⁰⁰	11,700 ⁰⁰
7	7	Ea.	Furnish and Install 6-Inch Resilient Seated Gate Valve complete in place, the sum of _____ <u>Eight Hundred</u> Dollars <u>Fifty</u> and <u>00</u> Cents per Each	850 ⁰⁰	5,950 ⁰⁰
8	7	Ea.	Furnish and Install Standard Fire Hydrant complete in place, the sum of _____ <u>Thirty Two Hundred</u> Dollars and <u>00</u> Cents per Each	3,200 ⁰⁰	22,400 ⁰⁰
9	160	L.F.	Furnish and Install 2-Inch Copper Waterline, including All Fittings by Open Cut complete in place, the sum of _____ <u>One Hundred Eighteen</u> Dollars and <u>00</u> Cents per Linear Foot	118 ⁰⁰	18,880 ⁰⁰
10	5 Addendum #2	Ea.	For Cutting and Plugging Existing 8-Inch Waterline complete in place, the sum of _____ <u>Thirteen Hundred</u> Dollars and <u>00</u> Cents per Each	1,300 ⁰⁰	6,500 ⁰⁰
11	4	Ea.	For Connecting to Existing 8-Inch Waterline complete in place, the sum of _____ <u>Thirteen Hundred</u> Dollars and <u>00</u> Cents per Each	1,300 ⁰⁰	5,200 ⁰⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
12	5,000	Lbs.	Furnishing and Installing Ductile Iron Fittings complete in place, the sum of _____ <u>Two</u> Dollars and <u>No</u> Cents per Pound	2 ⁰⁰	10,000 ⁰⁰
13	36	L.F.	For Removing Existing 6-Inch Sanitary Sewer and Replacing with 6-Inch ASTM 2241 PVC with Embedment complete in place, the sum of _____ <u>Seventy Eight</u> Dollars and <u>No</u> Cents per Linear Foot	78 ⁰⁰	2,808 ⁰⁰
14	4	Ea.	For Connecting to Existing 6-Inch Sanitary Sewer complete in place, the sum of _____ <u>Three Hundred Fifty</u> Dollars and <u>No</u> Cents per Each	350 ⁰⁰	1,400 ⁰⁰
15	600	S.Y.	For Removing Existing 8-Inch Reinforced Concrete Pavement complete in place, the sum of _____ <u>Twenty Five</u> Dollars and <u>No</u> Cents per Square Yard	25 ⁰⁰	15,000 ⁰⁰
16	600	S.Y.	For Furnishing and Placing 10-Inch Reinforced Concrete Pavement complete in place, the sum of _____ <u>Fifty Six</u> Dollars and <u>No</u> Cents per Square Yard	56 ⁰⁰	33,600 ⁰⁰
17	325	S.Y.	For Removing and Replacing Existing 8-Inch Reinforced Concrete Driveway complete in place, the sum of _____ <u>Seventy Five</u> Dollars and <u>No</u> Cents per Square Yard	75 ⁰⁰	24,375 ⁰⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
18	50	Ton	For Removing and Replacing Existing Hot Mix Asphaltic Concrete complete in place, the sum of _____ <u>Thirty Five</u> Dollars and <u>00</u> Cents per Ton	35. ⁰⁰	1,750. ⁰⁰
19	275 300 Addendum # 2	S.Y.	For Removing and Replacing Existing 4-Inch Reinforce Concrete Walk & ADA Ramps complete in place, the sum of _____ <u>Fifty Nine</u> Dollars and <u>00</u> Cents per Square Yard	59. ⁰⁰	17,700. ⁰⁰
20	150 Addendum # 2	Ton	Furnishing and Placing 1- 1/2 -Inch Hot Mix Asphalt Overlay complete in place, the sum of _____ <u>Seventy Five</u> Dollars and <u>00</u> Cents per Ton	75. ⁰⁰	11,250. ⁰⁰
21	352 150 Addendum # 2	L.F.	For Removing and Replacing Existing 6-Inch Monolithic Curb with Dowels complete in place, the sum of _____ <u>Four</u> Dollars and <u>00</u> Cents per Linear Foot	4. ⁰⁰	600. ⁰⁰
22	632	L.F.	For Removing and Replacing Existing 6-Inch Curb and Gutter complete in place, the sum of _____ <u>Thirty</u> Dollars and <u>00</u> Cents per Linear Foot	30. ⁰⁰	18,960. ⁰⁰
23	3,262	L.F.	Full Depth Saw Cut complete in place, the sum of _____ <u>Two</u> Dollars and <u>00</u> Cents per Linear Foot	2. ⁰⁰	6,524. ⁰⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
24	0.25	Ac.	Furnish, Place Maintain and Establish Solid Sod complete in place, the sum of _____ <u>Fifty thousand</u> Dollars and <u>No</u> Cents per Acre	15,000 ⁰⁰	3,750 ⁰⁰
25	3	Ea.	For Removing Existing Trees and Replace with 3-Inch Bradford Pear Trees complete in place, the sum of _____ <u>Three Hundred Fifty</u> Dollars and <u>No</u> Cents per Each	350 ⁰⁰	1,050 ⁰⁰
26	5	Ea.	For Removing Existing Fire Hydrant complete in place, the sum of _____ <u>Two Hundred</u> Dollars and <u>No</u> Cents per Each	200 ⁰⁰	1,000 ⁰⁰
27	1	L.S.	Barricades, Signs and Traffic Handling complete in place, the sum of _____ <u>Eighteen Thousand</u> Dollars <u>Two Hundred</u> Dollars and <u>No</u> Cents per Lump Sum	18,200 ⁰⁰	18,200 ⁰⁰
28	600	L.F.	Temporary Sediment Control Fencing complete in place, the sum of _____ <u>Three</u> Dollars and <u>No</u> Cents per Linear Foot	3 ⁰⁰	1,800 ⁰⁰
29	2,486	L.F.	Furnish and Install Trench Safety System complete in place, the sum of _____ <u>One</u> Dollars and <u>No</u> Cents per Linear Foot	1 ⁰⁰	2,486 ⁰⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
30	1	L.S.	Furnish Trench Safety Plan complete in place, the sum of <u>Six Hundred</u> Dollars and <u>No</u> Cents per Lump Sum	600 ⁰⁰	600 ⁰⁰
31	5	Ea.	Abandon Existing Valve on Main 8-Inch Line in Place, including Pavement Replacement the sum of <u>Five Hundred</u> Dollars and <u>No</u> Cents per Each	500 ⁰⁰	2,500 ⁰⁰
32	5	Ea.	Abandon Existing Valve in Place on Fire Hydrant Leads, including Solid Sod Restoration the sum of <u>Five Hundred</u> Dollars and <u>No</u> Cents per Each	500 ⁰⁰	2,500 ⁰⁰
33	1	Ea.	Furnishing and Installing 2-Inch Air and Vacuum Valve Assembly, including 2-Inch Gate Valve the sum of <u>Eighteen Hundred</u> Dollars and <u>No</u> Cents per Each	1,800 ⁰⁰	1,800 ⁰⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
34	1	L.S.	For Irrigation Repairs or Replacement Caused by Construction Activities, complete in place by Licensed Irrigator the sum of <u>Seventeen Thousand</u> Dollars and <u>No</u> Cents per Lump Sum	17,000 ⁰⁰	17,000 ⁰⁰

**TOWN OF ADDISON, TEXAS
Marsh Lane Water Line Replacement
(Brookhaven Club Drive to Spring Valley Road)**

BID SCHEDULE SUMMARY

**Total Amount
Materials & Services**

(A) TOTAL OF STANDARD BID (Items 1 Through ³⁴33):

\$ 515,918⁰⁰ ✓

Written in Words: FIVE HUNDRED FIFTEEN THOUSAND NINE HUNDRED
EIGHTEEN AND ⁰⁰/100 DOLLARS

TOTAL OF TIME BID: 120 (calendar days)

(B) TOTAL OF CALENDAR DAYS x \$1,000.00 = 120,000⁰⁰

BASIS FOR COMPARISON OF BIDS: (A) + (B) = TOTAL BID:

635,918⁰⁰

- NOTES:**
1. All items, labor, materials, equipment, facilities, incidentals, and work required for construction of the project are to be provided and installed by the Contractor as part of the project and payment for the cost of such shall be included in the price bid for the construction of the project.
 2. Prices must be shown in words and figures for each item listed in this Proposal. In the event of discrepancy, the words shall control.
 3. It is understood that the Bid Security shall be collected and retained by the Owner as liquidated damages in the event a contract is made by the Owner based on this proposal within ninety (90) calendar days after receiving bids and the undersigned fails to execute the contract and required bonds within ten (10) days from the date the Contractor is notified and has received the conformed documents. After this period, if the contract has been executed and the required bonds have been submitted, the said Bid Security shall be returned to the undersigned upon demand.
 4. One contract will be awarded based on the total value of Items (A) plus (B).

Bidder's Tax I.D. No. or Employer No. 38-1504767

BID FORM

_____, 2002

TO: The Honorable Mayor and Town Council
Town of Addison, Texas

Gentlemen:

The undersigned bidder, having examined the plans, specifications and contract documents, and the location of the proposed work, and being fully advised as to the extent and character of the work, proposes to furnish all equipment and to perform labor and work necessary for completion of the work described by and in accordance with the Plans, Specifications and Contract for the following prices, to wit:

Signed by: _____

ACKNOWLEDGMENT OF ADDENDA:

The Bidder acknowledges receipt of the following addenda:

Addendum No. 1 5/6/02
Addendum No. 2 5/10/02
Addendum No. 3 5/13/02
ADDENDUM NO. 4 5/22/02

Moss Construction Co. Inc.
Contractor

By: Mackie Klingbeil
(please print name)

Signature: Mackie Klingbeil

Title: Vice President

3455 W. F. M. 544
Address

Wylie Tex 75098
City, County, State and Zip

972-442-0499 972-442-4758
Telephone Fax No.

E-Mail Address: Mackie@MossCompanies.Com

Seal and Authorization
(If a Corporation)

TOWN OF ADDISON, TEXAS
Marsh Lane Water Line Replacement
(Brookhaven Club Drive to Spring Valley Road)

BID SCHEDULE

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
1	2,015	L.F.	Furnish and Install 8-Inch PVC (C-909, Class 150) Waterline, including Embedment by Open Cut complete in place, the sum of <u>ONE HUNDRED & TWO</u> Dollars and <u>NO</u> Cents per Linear Foot	\$ 102. ⁰⁰	\$ 205,530. ⁰⁰
2	390	L.F.	Furnish and Install 8-Inch PVC (C-909, Class 150) Waterline by other than Open Cut complete in place, the sum of <u>ONE HUNDRED & SIXTY SEVEN</u> Dollars and <u>NO</u> Cents per Linear Foot	167. ⁰⁰	65,130. ⁰⁰
3	85	L.F.	Furnish and Install 6-Inch PVC (C-909, Class 150) Waterline, including Embedment by Open Cut complete in place, the sum of <u>NINETY - EIGHT</u> Dollars and <u>NO</u> Cents per Linear Foot	98. ⁰⁰	8,330. ⁰⁰
4	15	Ea.	Furnish and Install 2-Inch Service Connection, including All Fittings at Water Main complete in place, the sum of <u>SEVEN HUNDRED & EIGHTY</u> Dollars and <u>NO</u> Cents per Each	780. ⁰⁰	11,700. ⁰⁰
5	18	Ea.	Furnish and Install New Meter With Box and Service Connection complete in place, the sum of <u>EIGHT HUNDRED</u> Dollars and <u>NO</u> Cents per Each	800. ⁰⁰	14,400. ⁰⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
6	9	Ea.	Furnish and Install 8-Inch Resilient Seated Gate Valve complete in place, the sum of <u>SEVEN HUNDRED ? EIGHTY</u> Dollars and <u>NO</u> Cents per Each	\$ 780. ⁰⁰	\$ 7,020. ⁰⁰
7	7	Ea.	Furnish and Install 6-Inch Resilient Seated Gate Valve complete in place, the sum of <u>FIVE HUNDRED ? NINETY-FIVE</u> Dollars and <u>NO</u> Cents per Each	\$ 595. ⁰⁰	\$ 4,165. ⁰⁰
8	7	Ea.	Furnish and Install Standard Fire Hydrant complete in place, the sum of <u>TWO THOUSAND THREE HUNDRED ? FIFTY</u> Dollars and <u>NO</u> Cents per Each	\$ 2,380. ⁰⁰	\$ 16,660. ⁰⁰
9	160	L.F.	Furnish and Install 2-Inch Copper Waterline, including All Fittings by Open Cut complete in place, the sum of <u>THIRTY-SIX</u> Dollars and <u>NO</u> Cents per Linear Foot	\$ 36. ⁰⁰	\$ 5,760. ⁰⁰
10	4 ⑤ Per Add. # 2	Ea.	For Cutting and Plugging Existing 8-Inch Waterline complete in place, the sum of <u>NINE HUNDRED ? SEVENTY</u> Dollars and <u>NO</u> Cents per Each	\$ 970. ⁰⁰	\$ 4,850. ⁰⁰
11	4	Ea.	For Connecting to Existing 8-Inch Waterline complete in place, the sum of <u>ONE THOUSAND TWO HUNDRED ? FIFTY</u> Dollars and <u>NO</u> Cents per Each	\$ 1,250. ⁰⁰	\$ 5,000. ⁰⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
12	5,000	Lbs.	Furnishing and Installing Ductile Iron Fittings complete in place, the sum of <u>TWO</u> Dollars and <u>NO</u> Cents per Pound	# 2. ⁰⁰	# 10,000. ⁰⁰
13	36	L.F.	For Removing Existing 6-Inch Sanitary Sewer and Replacing with 6-Inch ASTM 2241 PVC with Embedment complete in place, the sum of <u>SEVENTY - ONE</u> Dollars and <u>NO</u> Cents per Linear Foot	71. ⁰⁰	2,556. ⁰⁰
14	4	Ea.	For Connecting to Existing 6-Inch Sanitary Sewer complete in place, the sum of <u>SEVEN HUNDRED</u> <u>FIFTY - FIVE</u> Dollars and <u>NO</u> Cents per Each	755. ⁰⁰	3,020. ⁰⁰
15	600	S.Y.	For Removing Existing 8-Inch Reinforced Concrete Pavement complete in place, the sum of <u>TWENTY - TWO</u> Dollars and <u>NO</u> Cents per Square Yard	22. ⁰⁰	13,200. ⁰⁰
16	600	S.Y.	For Furnishing and Placing 10-Inch Reinforced Concrete Pavement complete in place, the sum of <u>SEVENTY - ONE</u> Dollars and <u>FIFTY</u> Cents per Square Yard	71. ⁵⁰	42,900. ⁰⁰
17	325	S.Y.	For Removing and Replacing Existing 8-Inch Reinforced Concrete Driveway complete in place, the sum of <u>FIFTY - TWO</u> Dollars and <u>NO</u> Cents per Square Yard	52. ⁰⁰	\$ 16,900. ⁰⁰ B2 17,160.⁰⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
18	50	Ton	For Removing and Replacing Existing Hot Mix Asphaltic Concrete complete in place, the sum of <u>ONE HUNDRED 9 NINETY - EIGHT</u> Dollars and <u>NO</u> Cents per Ton	\$ 198. ⁰⁰	\$ 9,900. ⁰⁰
19	275 300 PER ADD. #2	S.Y.	For Removing and Replacing Existing 4-Inch Reinforce Concrete Walk (INCL. ADA. RAMPS, complete in place, the sum of <u>SIXTY - TWO</u> Dollars and <u>NO</u> Cents per Square Yard	62. ⁰⁰	18,600. ⁰⁰
20	150	Ton	(1) INCH Furnishing and Placing 1-1/2 Inch Hot Mix Asphalt Overlay (PER ADD #2) complete in place, the sum of <u>NINETY - NINE</u> Dollars and <u>NO</u> Cents per Ton	99. ⁰⁰	14,850. ⁰⁰
21	352 150 PER ADD. #2	L.F.	For Removing and Replacing Existing 6-Inch Monolithic Curb with Dowels complete in place, the sum of <u>SIX</u> Dollars and <u>NO</u> Cents per Linear Foot	6. ⁰⁰	900. ⁰⁰
22	632	L.F.	For Removing and Replacing Existing 6-Inch Curb and Gutter complete in place, the sum of <u>THIRTY</u> Dollars and <u>ENIGHTY</u> Cents per Linear Foot	30. ⁸⁰	19,465. ⁶⁰
23	3,262	L.F.	Full Depth Saw Cut complete in place, the sum of <u>TWO</u> Dollars and <u>SEVENTY</u> Cents per Linear Foot	2. ⁷⁰	8,807. ⁴⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
24	0.25	Ac.	Furnish, Place Maintain and Establish Solid Sod complete in place, the sum of FOUR THOUSAND $\frac{1}{2}$ SEVEN HUNDRED Dollars and NO Cents per Acre	\$ 4,700. ⁰⁰	\$ 1,175. ⁰⁰
25	3	Ea.	For Removing Existing Trees and Replace with 3-Inch Bradford Pear Trees complete in place, the sum of FIVE HUNDRED $\frac{1}{2}$ SEVENTEEN Dollars and NO Cents per Each	517. ⁰⁰	1,551. ⁰⁰
26	5	Ea.	For Removing Existing Fire Hydrant complete in place, the sum of FIVE HUNDRED $\frac{1}{2}$ FORTY Dollars and NO Cents per Each	540. ⁰⁰	2,700. ⁰⁰
27	1	L.S.	Barricades, Signs and Traffic Handling complete in place, the sum of ELEVEN THOUSAND Dollars and NO Cents per Lump Sum	11,000. ⁰⁰	11,000. ⁰⁰
28	600	L.F.	Temporary Sediment Control Fencing complete in place, the sum of TWO Dollars and SEVENTY-FIVE Cents per Linear Foot	2. ⁷⁵	1,650. ⁰⁰
29	2,486	L.F.	Furnish and Install Trench Safety System complete in place, the sum of NO Dollars and FIFTY Cents per Linear Foot	0. ⁵⁰	1,243. ⁰⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
30	1	L.S.	Furnish Trench Safety Plan complete in place, the sum of <u>THREE HUNDRED & THIRTY</u> Dollars and <u>No</u> Cents per Lump Sum	\$ 330. ⁰⁰	\$ 330. ⁰⁰
31	5	Ea.	Abandon Existing Valve on Main 8-Inch Line in Place, including Pavement Replacement the sum of <u>ONE THOUSAND & EIGHTY-FIVE</u> Dollars and <u>No</u> Cents per Each	1,085. ⁰⁰	5,425. ⁰⁰
32	5	Ea.	Abandon Existing Valve in Place on Fire Hydrant Leads, including Solid Sod Restoration the sum of <u>FOUR HUNDRED</u> Dollars and <u>No</u> Cents per Each	400. ⁰⁰	2,000. ⁰⁰
33	1	Ea.	Furnishing and Installing 2-Inch Air and Vacuum Valve Assembly, including 2-Inch Gate Valve the sum of <u>THREE THOUSAND, FIVE HUNDRED & FIFTY</u> Dollars and <u>No</u> Cents per Each	3,550. ⁰⁰	3,550. ⁰⁰

AMOUNT BID (Items 1 Through 33)

34	1	LS.	FOR IRRIGATION REPAIR OR REPL. CAUSED BY CONSTRUCTION. FOR THE SUM OF: <u>TWENTY-SIX THOUSAND & FOUR HUNDRED</u> DOLLARS AND <u>No</u> CENTS	26,400. ⁰⁰	26,400. ⁰⁰
----	---	-----	--	-----------------------	-----------------------

AMOUNT BID (1-34)

\$ 566,928.⁰⁰
566,668.⁰⁰ B2

TOWN OF ADDISON, TEXAS
Marsh Lane Water Line Replacement
(Brookhaven Club Drive to Spring Valley Road)

BID SCHEDULE SUMMARY

	<p style="text-align: center;">Total Amount Materials & Services</p>
<p style="text-align: right; margin-right: 20px;">34</p> <p>(A) TOTAL OF STANDARD BID (Items 1 Through <u>33</u>)</p>	<p>566,668.⁰⁰</p> <p><u>\$ 566,928.⁰⁰</u></p>

Written in Words: Five Hundred Sixty six Thousand nine Hundred
Twenty eight dollars & no Cents

TOTAL OF TIME BID: 120 (calendar days)

(B) TOTAL OF CALENDAR DAYS x \$1,000.00 = 120,000

BASIS FOR COMPARISON OF BIDS: (A) + (B) = TOTAL BID:	<u>686,928.⁰⁰</u>
---	------------------------------

686,668.⁰⁰ B2

- NOTES:**
1. All items, labor, materials, equipment, facilities, incidentals, and work required for construction of the project are to be provided and installed by the Contractor as part of the project and payment for the cost of such shall be included in the price bid for the construction of the project.
 2. Prices must be shown in words and figures for each item listed in this Proposal. In the event of discrepancy, the words shall control.
 3. It is understood that the Bid Security shall be collected and retained by the Owner as liquidated damages in the event a contract is made by the Owner based on this proposal within ninety (90) calendar days after receiving bids and the undersigned fails to execute the contract and required bonds within ten (10) days from the date the Contractor is notified and has received the conformed documents. After this period, if the contract has been executed and the required bonds have been submitted, the said Bid Security shall be returned to the undersigned upon demand.
 4. One contract will be awarded based on the total value of Items (A) plus (B).

Bidder's Tax I.D. No. or Employer No. 1-75-2281779-4

BID FORM

5-24-02, 2002

TO: The Honorable Mayor and Town Council
Town of Addison, Texas

Gentlemen:

The undersigned bidder, having examined the plans, specifications and contract documents, and the location of the proposed work, and being fully advised as to the extent and character of the work, proposes to furnish all equipment and to perform labor and work necessary for completion of the work described by and in accordance with the Plans, Specifications and Contract for the following prices, to wit:

Signed by: 

ACKNOWLEDGMENT OF ADDENDA:

The Bidder acknowledges receipt of the following addenda:

Addendum No. 1 5-6-02

Addendum No. 2 5-10-02

Addendum No. 3 5-13-02

NO 4 5-22-02

C-CON SERVICES
Contractor

By: EARL COTTON
(please print name)

Signature: 

Title: PRESIDENT

11127 SHAADY TRAIL SUITE 108
Address

DALLAS TX 75229
City, County, State and Zip

972-243-5455 243-5227
Telephone Fax No.

E-Mail Address: _____

Seal and Authorization
(If a Corporation)

TOWN OF ADDISON, TEXAS
Marsh Lane Water Line Replacement
(Brookhaven Club Drive to Spring Valley Road)

BID SCHEDULE

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
1	2,015	L.F.	Furnish and Install 8-Inch PVC (C-909, Class 150) Waterline, including Embedment by Open Cut complete in place, the sum of _____ <u>Eighty Five</u> Dollars and <u>Zero</u> Cents per Linear Foot	85. ⁰⁰	171,275. ⁰⁰
2	390	L.F.	Furnish and Install 8-Inch PVC (C-909, Class 150) Waterline by other than Open Cut complete in place, the sum of _____ <u>Two Hundred Fifty</u> Dollars and <u>Zero</u> Cents per Linear Foot	250. ⁰⁰	97,500. ⁰⁰
3	85	L.F.	Furnish and Install 6-Inch PVC (C-909, Class 150) Waterline, including Embedment by Open Cut complete in place, the sum of _____ <u>Seventy Eight</u> Dollars and <u>Zero</u> Cents per Linear Foot	78. ⁰⁰	6,630. ⁰⁰
4	15	Ea.	Furnish and Install 2-Inch Service Connection, including All Fittings at Water Main complete in place, the sum of _____ <u>One Thousand Five Hundred</u> Dollars and <u>Zero</u> Cents per Each	1,500. ⁰⁰	22,500. ⁰⁰
5	18	Ea.	Furnish and Install New Meter With Box and Service Connection complete in place, the sum of _____ <u>One Thousand Three Hundred</u> Dollars and <u>Zero</u> Cents per Each	1,300. ⁰⁰	23,400. ⁰⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
6	9	Ea.	Furnish and Install 8-Inch Resilient Seated Gate Valve complete in place, the sum of _____ <u>One Thousand</u> _____ Dollars and <u>Zero</u> Cents per Each	1,000. ⁰⁰	9,000. ⁰⁰
7	7	Ea.	Furnish and Install 6-Inch Resilient Seated Gate Valve complete in place, the sum of _____ <u>Nine Hundred</u> _____ Dollars and <u>Zero</u> Cents per Each	900. ⁰⁰	6,300. ⁰⁰
8	7	Ea.	Furnish and Install Standard Fire Hydrant complete in place, the sum of _____ <u>Two thousand Five Hundred</u> _____ Dollars and <u>Zero</u> Cents per Each	2,500. ⁰⁰	17,500. ⁰⁰
9	160	L.F.	Furnish and Install 2-Inch Copper Waterline, including All Fittings by Open Cut complete in place, the sum of _____ <u>Forty</u> _____ Dollars and <u>Zero</u> Cents per Linear Foot	40. ⁰⁰	6,400. ⁰⁰
10	5 A	Ea.	For Cutting and Plugging Existing 8-Inch Waterline complete in place, the sum of _____ <u>Two Thousand</u> _____ Dollars and <u>Zero</u> Cents per Each	2,000. ⁰⁰	10,000. ⁰⁰
11	4	Ea.	For Connecting to Existing 8-Inch Waterline complete in place, the sum of _____ <u>Five Thousand</u> _____ Dollars and <u>Zero</u> Cents per Each	5,000. ⁰⁰	20,000. ⁰⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
12	5,000	Lbs.	Furnishing and Installing Ductile Iron Fittings complete in place, the sum of <u>Three</u> Dollars and <u>zero</u> Cents per Pound	3. ⁰⁰	15,000. ⁰⁰
13	36	L.F.	For Removing Existing 6-Inch Sanitary Sewer and Replacing with 6-Inch ASTM 2241 PVC with Embedment complete in place, the sum of <u>One Hundred Twenty Five</u> Dollars and <u>zero</u> Cents per Linear Foot	125. ⁰⁰	4,500. ⁰⁰
14	4	Ea.	For Connecting to Existing 6-Inch Sanitary Sewer complete in place, the sum of <u>Five Hundred</u> Dollars and <u>zero</u> Cents per Each	500. ⁰⁰	2,000. ⁰⁰
15	600	S.Y.	For Removing Existing 8-Inch Reinforced Concrete Pavement complete in place, the sum of <u>Five</u> Dollars and <u>zero</u> Cents per Square Yard	5. ⁰⁰	3,000. ⁰⁰
16	600	S.Y.	For Furnishing and Placing 10-Inch Reinforced Concrete Pavement complete in place, the sum of <u>Fifty Five</u> Dollars and <u>zero</u> Cents per Square Yard	55. ⁰⁰	33,000. ⁰⁰
17	325	S.Y.	For Removing and Replacing Existing 8-Inch Reinforced Concrete Driveway complete in place, the sum of <u>Forty Five</u> Dollars and <u>zero</u> Cents per Square Yard	45. ⁰⁰	14,625. ⁰⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
18	50	Ton	For Removing and Replacing Existing Hot Mix Asphaltic Concrete complete in place, the sum of <u>One Hundred Forty Five</u> Dollars and <u>Zero</u> Cents per Ton	145. ⁰⁰	7,250. ⁰⁰
19	300 275	S.Y.	For Removing and Replacing Existing 4-Inch Reinforce Concrete Walk complete in place, the sum of <u>Thirty Five</u> Dollars and <u>Zero</u> Cents per Square Yard	35. ⁰⁰	10,500. ⁰⁰
20	150	Ton	Furnishing and Placing 1- 1/2 Inch Hot Mix Asphalt Overlay complete in place, the sum of <u>One Hundred Twenty Five</u> Dollars and <u>Zero</u> Cents per Ton	125. ⁰⁰	18,750. ⁰⁰
21	150 352	L.F.	For Removing and Replacing Existing 6-Inch Monolithic Curb with Dowels complete in place, the sum of <u>Forty</u> Dollars and <u>Zero</u> Cents per Linear Foot	40. ⁰⁰	6,000. ⁰⁰
22	632	L.F.	For Removing and Replacing Existing 6-Inch Curb and Gutter complete in place, the sum of <u>Twenty Five</u> Dollars and <u>Zero</u> Cents per Linear Foot	25. ⁰⁰	15,800. ⁰⁰
23	3,262	L.F.	Full Depth Saw Cut complete in place, the sum of <u>Five</u> Dollars and <u>Zero</u> Cents per Linear Foot	5. ⁰⁰	16,310. ⁰⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
24	0.25	Ac.	Furnish, Place Maintain and Establish Solid Sod complete in place, the sum of <u>Twenty Four Thousand</u> Dollars and <u>zero</u> Cents per Acre	24,000. ⁰⁰	6,000. ⁰⁰
25	3	Ea.	For Removing Existing Trees and Replace with 3-Inch Bradford Pear Trees complete in place, the sum of <u>Eight Hundred</u> Dollars and <u>zero</u> Cents per Each	800. ⁰⁰	2,400. ⁰⁰
26	5	Ea.	For Removing Existing Fire Hydrant complete in place, the sum of <u>One Thousand Five Hundred</u> Dollars and <u>zero</u> Cents per Each	1,500. ⁰⁰	7,500. ⁰⁰
27	1	L.S.	Barricades, Signs and Traffic Handling complete in place, the sum of <u>Fifteen Thousand</u> Dollars and <u>zero</u> Cents per Lump Sum	15,000. ⁰⁰	15,000. ⁰⁰
28	600	L.F.	Temporary Sediment Control Fencing complete in place, the sum of <u>Three</u> Dollars and <u>zero</u> Cents per Linear Foot	3. ⁰⁰	1,800. ⁰⁰
29	2,486	L.F.	Furnish and Install Trench Safety System complete in place, the sum of <u>One</u> Dollars and <u>zero</u> Cents per Linear Foot	1. ⁰⁰	2,486. ⁰⁰

Item No.	Estimated Quantity	Unit	Description and Price in Words	Price in Figures	Extended Amount
30	1	L.S.	Furnish Trench Safety Plan complete in place, the sum of <u>One Thousand</u> Dollars and <u>zero</u> Cents per Lump Sum	1,000. ⁰⁰	1,000. ⁰⁰
31	5	Ea.	Abandon Existing Valve on Main 8-Inch Line in Place, including Pavement Replacement the sum of <u>Two Hundred Fifty</u> Dollars and <u>zero</u> Cents per Each	250. ⁰⁰	1,250. ⁰⁰
32	5	Ea.	Abandon Existing Valve in Place on Fire Hydrant Leads, including Solid Sod Restoration the sum of <u>One Hundred Fifty</u> Dollars and <u>zero</u> Cents per Each	150. ⁰⁰	750. ⁰⁰
33	1	Ea.	Furnishing and Installing 2-Inch Air and Vacuum Valve Assembly, including 2-Inch Gate Valve the sum of <u>Five Thousand</u> Dollars and <u>zero</u> Cents per Each	5,000. ⁰⁰	5,000. ⁰⁰
AMOUNT BID (Items 1 Through 33)					580,426.⁰⁰

Did Not Bid Item #34 - ^{bx}

TOWN OF ADDISON, TEXAS
Marsh Lane Water Line Replacement
(Brookhaven Club Drive to Spring Valley Road)

BID SCHEDULE SUMMARY

Total Amount
Materials & Services

(A) TOTAL OF STANDARD BID (Items 1 Through 33): \$580,426.⁰⁰

Written in Words: FIVE HUNDRED EIGHTY THOUSAND FOUR
HUNDRED TWENTY SIX

TOTAL OF TIME BID: 85 (calendar days)

(B) TOTAL OF CALENDAR DAYS x \$1,000.00 = 85,000.⁰⁰

BASIS FOR COMPARISON OF BIDS: (A) + (B) = TOTAL BID:	<u>665,426.⁰⁰</u>
---	------------------------------

- NOTES:**
1. All items, labor, materials, equipment, facilities, incidentals, and work required for construction of the project are to be provided and installed by the Contractor as part of the project and payment for the cost of such shall be included in the price bid for the construction of the project.
 2. Prices must be shown in words and figures for each item listed in this Proposal. In the event of discrepancy, the words shall control.
 3. It is understood that the Bid Security shall be collected and retained by the Owner as liquidated damages in the event a contract is made by the Owner based on this proposal within ninety (90) calendar days after receiving bids and the undersigned fails to execute the contract and required bonds within ten (10) days from the date the Contractor is notified and has received the conformed documents. After this period, if the contract has been executed and the required bonds have been submitted, the said Bid Security shall be returned to the undersigned upon demand.
 4. One contract will be awarded based on the total value of Items (A) plus (B).

Bidder's Tax I.D. No. or Employer No. 75-2540303