



TEDSI INFRASTRUCTURE GROUP

Consulting Engineers

1201 East Expressway 83 + Mission, Texas 78572
Tel: (956) 424-7898
Fax: (956) 424-7022

January 24, 2013

Project No:

2010-1052-01

Invoice No:

20121442

Ms. Minerva Luna
Hidalgo County Drainage District No. 1
902 North Doolittle Road
Edinburg, TX 78542

Project 2010-1052-01 HCMDS Phase II - J-09 Lateral Drain Ditch

**Design and Right of Way Mapping of HCMDS Phase II - J-09 Lateral Drain Ditch
Work Authorization No. 1
P. O. No. 636565**

Professional Services from November 01, 2012 to December 31, 2012

Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Engineering Services	661,400.00	100.00	661,400.00	661,400.00	0.00
Engineering Services-Supple 3	8,562.04	89.00	7,620.22	5,993.43	1,626.79
Basic Topography Services	188,000.00	100.00	188,000.00	188,000.00	0.00
Control Points and Benchmarks	75,000.00	90.00	67,500.00	67,500.00	0.00
ROW Parcels Donated	73,500.00	100.00	73,500.00	73,500.00	0.00
ROW Parcels Purchased	150,000.00	100.00	150,000.00	150,000.00	0.00
Geotechnical	45,000.00	100.00	45,000.00	45,000.00	0.00
Construction Field Staking Supplemental No. 3	24,059.00	100.00	24,059.00	21,653.10	2,405.90
Total Fee	1,225,521.04		1,217,079.22	1,213,046.53	4,032.69
Total Fee					4,032.69

Billing Summary	Current	Prior	To-Date
Total Billings	4,032.69	1,213,046.53	1,217,079.22
Total Fee			1,225,521.04
Remaining Fee			8,441.82

Total this Invoice \$4,032.69

Outstanding Invoices

Number	Date	Balance
20121360	11/20/2012	599.34
Total		599.34

Total Now Due \$4,632.03

cc: Commissioner Joseph Palacios

PLEASE REMIT PAYMENT TO: TEDSI Infrastructure Group; 738 Highway 6 South, Suite 430, Houston, TX 77079

Authorized By: 
Mark W. Luper, P.E., RPLS
Executive Vice President

Date: 1.24.13

Approved 
02/01/13

P.O. # 636565
3-1341-431-50-115-079-0-733 = \$ 4,032.69
INVOICE RECEIVED BY: Minerva Luna ON 7-19-13
GOODS/SERVICES RECEIVED BY: Dina T. ON 11-01-12 - 12-31-12

CHANGE ORDER #1

PROJECT: J-09 Drain Improvemnets-Phase I Irrigation Siphons

DATE OF ISSUANCE: November 15, 2012 **EFFECTIVE DATE:** _____

OWNER: HIDALGO COUNTY DRAINAGE DISTRICT

OWNER's Contract No.: _____

CONTRACTOR: McAllen Construction, Inc. **ENGINEER:** TEDSI INFRASTRUCTURE GROUP

You are directed to make the following changes in the Contract Documents.

Description:

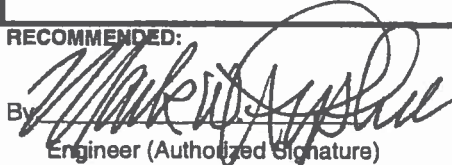
1. Added 8" PVC Siphon
- 2.
- 3.
- 4.
- 5.
- 6.


Reason for Change Order:

1. In conflict with drainage ditch
- 2.
- 3.
- 4.
- 5.
- 6.

Attachments: Change Order No 1 Tabulations

Change in Contract Price:		CHANGE IN CONTRACT TIME:	
Original Contract Price \$ 177,800.00		Original Contract Time for Substantial Completion: <u>60</u> calendar days or dates	
Net Changes from previous Change Order \$ 0.00		Net change from previous Change Orders 0 calendar days	
Contract Price prior to this Change Order \$ 177,800.00		Contract Time prior to this Change Order Substantial Completion: <u>60</u> calendar days or dates	
Net Increase (decrease) of this Change Order \$ 2,926.07		Net Increase (decrease) of this Change Order 0 calendar days	
Contract Price with all approved Change Orders \$ 180,726.07	Net % increase (decrease) from original contract price. 1.65 %	Contract Time with all approved Change Orders Substantial Completion: <u>60</u> calendar days or dates	

RECOMMENDED:  **APPROVED:** _____
By: _____ By: _____
Engineer (Authorized Signature) Owner (Authorized Signature)

ACCEPTED: 
By: _____
Contractor (Authorized Signature)

Date: 12.12.12 Date: _____

Date: 12-12-2012



TEDSI INFRASTRUCTURE GROUP

Consulting Engineers

1201 E. Expressway 83 ♦ Mission, Texas 78572

November 01, 2012

Mr. Godfrey Garza
Hidalgo County Drainage District #1
902 N. Doolittle
Edinburg, TX 78542

RE: Walk Through “J0-9 Siphons”

Dear Mr. Garza:

On November 01, 2012 a joint walk through was conducted with the following individuals attending:

- Rio Citrus Queen – Paul Heller,
- McAllen Construction–Mentor
- TEDSI Infrastructure Group – Joe Vasquez

No deficiencies were encountered during the joint walk through. Water is currently running thru the siphons and no water spots were detected along siphons.

If you should have any questions, please do not hesitate to call me at 956.424.7898.

Thank you,



Joe Vasquez.
Project Designer

CC via email: McAllen Construction- Jimmie McPherson

CONSTRUCTION INSPECTION REPORT

J-09 PHASE I
CULVERT CROSSING

Date: 11.08.2012

Weather: sunny / windy 79F

Unusual construction or work conditions:

Work Section

Crossing	Gravel	Pipe	Backfill	Rdwy base					

Traffic Control

Drums

Signs

PM

Description of work in progress

Seeing if pipe being delivered

Discussions with contractor

Directions/Instructions provided to contractor

Disagreements with contractor

Names of official visitors and summary of discussions with visitors

Comments

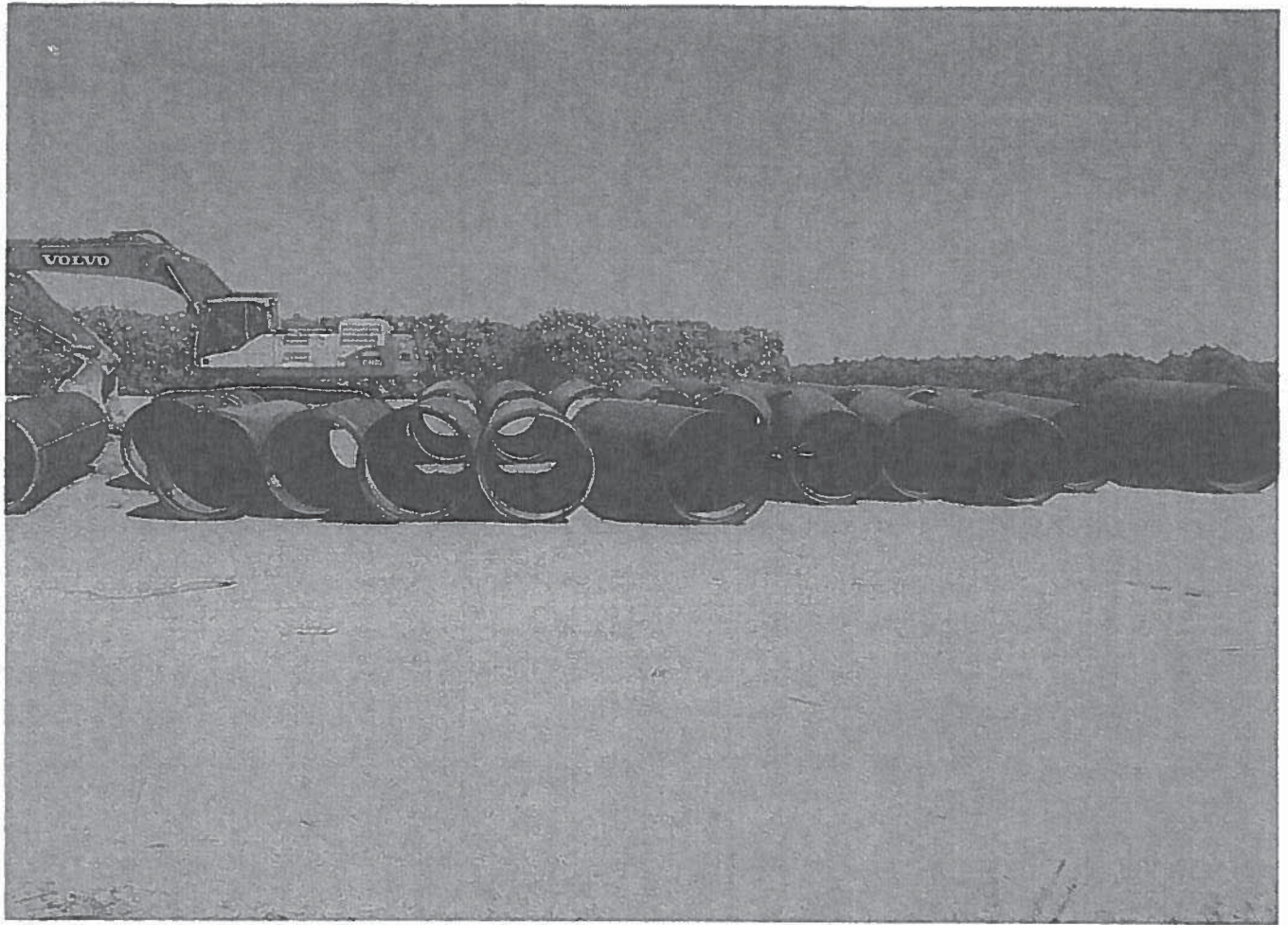
Took two picture's
 2 ADS-60" X 20'
 21 ADS-48" X 20'

Name: Jaime Garza

Time arrived: 10:25 AM

Signature: 

Time departed: 11:25 AM



CONSTRUCTION INSPECTION REPORT

J-09 PHASE I
CULVERT CROSSING

Date: 11.27.2012

Weather: Mostly Cloudy 70 F

Unusual construction or work conditions:

Work Section

Crossing	Gravel	Pipe	Backfill	Rdwy base

Traffic Control

Drums	
Signs	
PM	

Description of work in progress

no work

Discussions with contractor

Directions/Instructions provided to contractor

Disagreements with contractor

Names of official visitors and summary of discussions with visitors

Comments

1 Picture

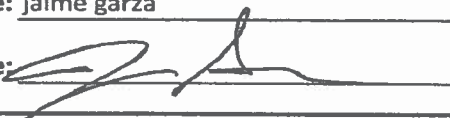
2 ADS - 60" X 20'

21 ADS - 48" X 20'

Name: jaime garza

Time arrived: 1:00 PM

Signature:



Time departed: 2:25 PM

CONSTRUCTION INSPECTION REPORT

J-09 PHASE I
CULVERT CROSSING

Date: 11.28.2012

Weather: Partly Cloudy 78 F

Unusual construction or work conditions:

Work Section

Crossing	Gravel	Pipe	Backfill	Rdwy base															

Traffic Control

Drums
Signs
PM

Description of work in progress

no work

Discussions with contractor

Directions/Instructions provided to contractor

Disagreements with contractor

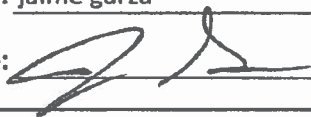
Names of official visitors and summary of discussions with visitors

Comments

Name: jaime garza

Time arrived: 1:30 PM

Signature:



Time departed: 14:30

CONSTRUCTION INSPECTION REPORT

J-09 PHASE I
CULVERT CROSSING

Date: 11.29.2012

Weather: Partly Cloudy 78 F

Unusual construction or work conditions:

Work Section

Crossing	Gravel	Pipe	Backfill	Rdwy base															

Traffic Control

Drums	
Signs	
PM	

Description of work in progress

no work

Discussions with contractor

Directions/Instructions provided to contractor

Disagreements with contractor

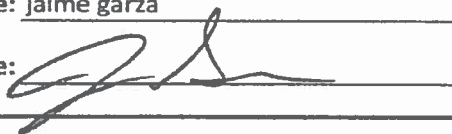
Names of official visitors and summary of discussions with visitors

Comments

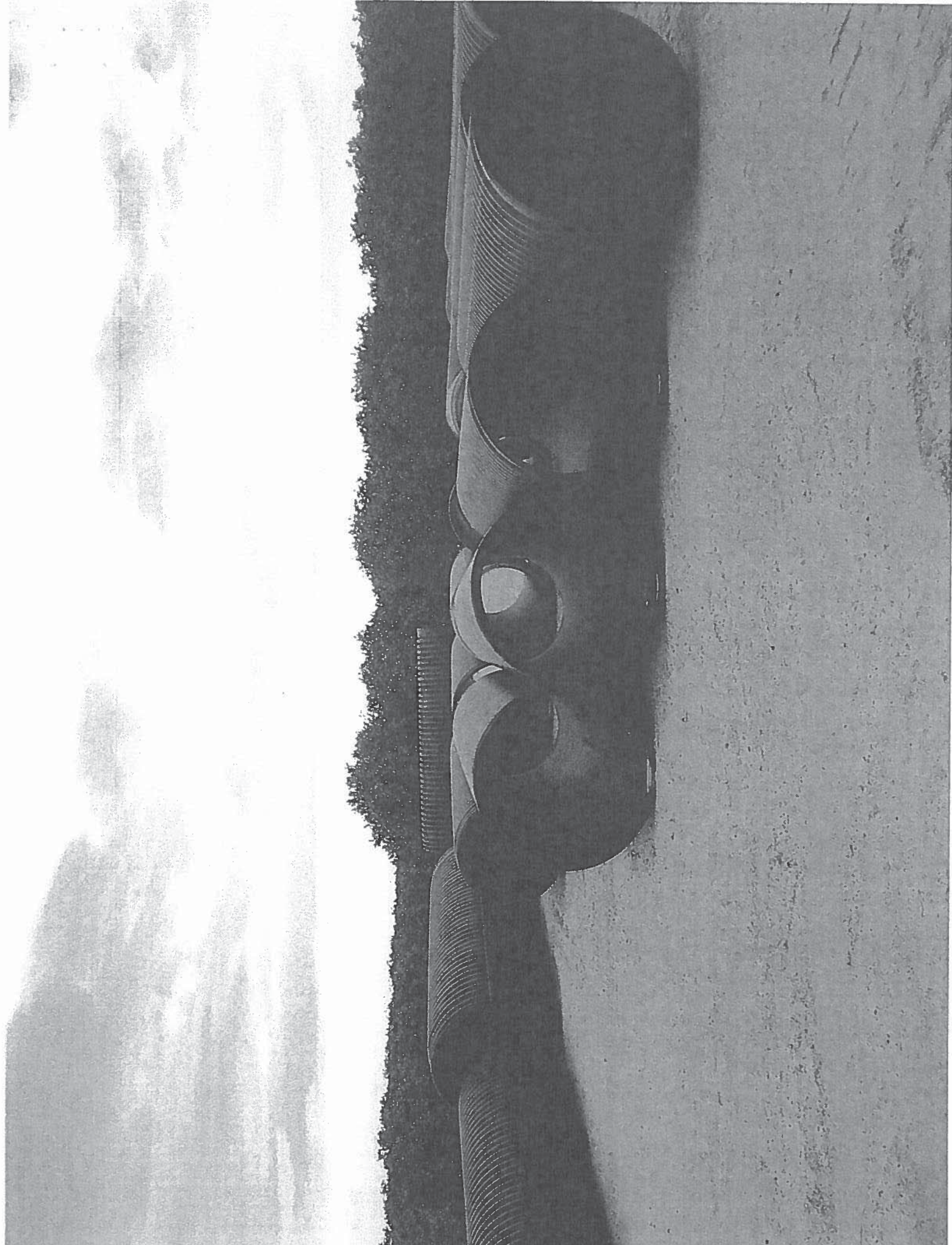
Name: jaime garza

Time arrived: 3:30 PM

Signature:



Time departed: 16:30





TEDSI INFRASTRUCTURE GROUP

Consulting Engineers
1201 East Expressway 83 + Mission, Texas 78572
Tel: (956) 424-7898
Fax: (956) 424-7022

November 20, 2012
Project No: 2010-1052-01
Invoice No: 20121360

P.O. # 636565

Ms. Minerva Luna
Hidalgo County Drainage District No. 1
902 North Doolittle Road
Edinburg, TX 78542

Project 2010-1052-01 HCMDS Phase II - J-09 Lateral Drain Ditch

Design and Right of Way Mapping of HCMDS Phase II - J-09 Lateral Drain Ditch Work Authorization No. 1 P. O. No. 636565

Professional Services from October 01, 2012 to October 31, 2012

Billing Phase	Fee	Percent Complete	Earned	Previous Fee Billing	Current Fee Billing
Engineering Services	661,400.00	100.00	661,400.00	661,400.00	0.00
Engineering Services-Supple 3	8,562.04	70.00	5,993.43	5,394.09	599.34
Basic Topography Services	188,000.00	100.00	188,000.00	188,000.00	0.00
Control Points and Benchmarks	75,000.00	90.00	67,500.00	67,500.00	0.00
ROW Parcels Donated	73,500.00	100.00	73,500.00	73,500.00	0.00
ROW Parcels Purchased	150,000.00	100.00	150,000.00	150,000.00	0.00
Geotechnical	45,000.00	100.00	45,000.00	45,000.00	0.00
Construction Field Staking-Supple No. 3	24,059.00	90.00	21,653.10	21,653.10	0.00
Total Fee	1,225,521.04		1,213,046.53	1,212,447.19	599.34
Total Fee					599.34

Billing Summary	Current	Prior	To-Date
Total Billings	599.34	1,212,447.19	1,213,046.53
Total Fee			1,225,521.04
Remaining Fee			12,474.51

Total this invoice \$599.34

Outstanding Invoices

Number	Date	Balance
20121296	10/17/2012	19,829.49
Total		19,829.49

COPY

This has been paid.

Total Now Due \$20,428.83

cc: Commissioner Joseph Palacios

Please remit payment to: TEDSI Infrastructure Group, Inc., 738 Highway 6 South, Suite 430, Houston, TX 77079

Authorized By: Mark W. Lupner
Mark W. Lupner, P.E., RPLS
Executive Vice President

Date: 11.20.12

3-1341-431-50-115-079-0-733 = \$599.34
INVOICE RECEIVED BY: Minerva Luna ON 7-19-2013
GOODS/SERVICES RECEIVED BY: Pine T. ON 10-01-12 - 10-31-12

Handwritten signature and date: 11/20/12



TEDSI

TEDSI INFRASTRUCTURE GROUP

Consulting Engineers

1201 East Expressway 83 ♦ Mission, Texas 78572

Tel: (956) 424-7898

Fax: (956) 424-7022

Meeting Summary

PROJECT:

J0-9 Siphons

TEDSI JOB NO.:

CLIENT:

Hidalgo County Drainage District No 1

SUBJECT:

Minutes - Preconstruction Meeting

SUMMARY BY:

Joe Vasquez, Project Designer, Mark Lupher, P.E. project Engineer

MEETING LOCATION:

Hidalgo County Drainage Districts Office

MEETING DATE:

August 24, 2012

ATTENDEES:

See attached signup sheet

SUMMARY OF MEETING:

The following is our understanding of the subject matter covered in this meeting. If this differs from your understanding, please notify us.

TEDSI Joe Vasquez

- Distributed 4 copies of plan set to McAllen Construction
- \$177,800.00 contract fee
- 60 consecutive calendar days to complete projects
 - If you do not get substantial completion in 60 days, you will be late and more than likely will get penalized.
- Penalty of \$1000/consecutive calendar day after 60 days.
- Project Consist of 2 Siphons a 30" and 42"
- Construction Staking to be done by TEDSI
- Process as follows:
 - Construction
 - Any questions regarding design – call TEDSI
 - Admin
 - Submit RFP monthly to TEDSI, TEDSI to review RFP, after review McAllen Construction to sign/notarize.
- NTP to be issued by Drainage District

Questions/Comments

CUTS OFF CENTERLINE EAST SIPHON #1								
Point #	Sta.	Northing	Easting	Elev.	Code		FL	CUT
121	0+00	16658505.97	1058116.37	153.41	NG	C/L	147.5	5.91
133	0+50	16658555.22	1058124.5	152.76	NG	C/L	129.6	23.16
134	1+00	16658604.57	1058132.47	152.47	NG	C/L	132.21	20.26
135	1+34.80	16658638.92	1058138.08	154.17	NG	C/L	147.5	6.67
CUTS OFF OFFSETS								
113	0+00	16658501.04	1058146.16	151.75	Hub	30' O/S	147.5	4.25
114	0+50	16658550.33	1058154.14	151.94	Hub	30' O/S	129.6	22.34
115	1+00	16658599.73	1058162.11	151.91	Hub	30' O/S	132.21	19.7
116	1+34.80	16658634.07	1058167.67	152.09	Hub	30' O/S	147.5	4.59
CUTS OFF CENTERLINE WEST SIPHON #2								
Point #	Sta.	Northing	Easting	Elev.	Code		FL	CUT
139	0+00	16658271.07	1060461.49	142.83	NG	C/L	135.7	7.13
140	0+50	16658221.69	1060453.62	141.54	NG	C/L	126.17	15.37
141	1+00	16658172.25	1060445.8	141.86	NG	C/L	128.55	13.31
142	1+35.00	16658137.76	1060440.33	142.63	NG	C/L	135.7	6.93
CUTS OFF OFFSETS								
138	0+00	16658266.35	1060491.15	142.61	Hub	30' O/S	135.7	6.91
137	0+50	16658216.9	1060483.29	141.94	Hub	30' O/S	126.17	15.77
136	1+00	16658167.57	1060475.45	142.02	Hub	30' O/S	128.55	13.47
2	1+35.00	16658133.01	1060469.94	142.67	Hub	30' O/S	135.7	6.97
3		16657945.07	1061704.81	136.74	I.R			BENCHMARK

EAST SIPHON



S 80° 59' 54" E

S 80° 55' 54" E

STA 2+16.27

139
STK 0+00

138
STK 0+00

140
STK 40+00

137
STK 40+00

141
STK 40+00

136
STK 40+00

142
STK 1+35.00

WEST SIPHON



087771 VIS
135 STK

116 STK

134 STK

115 STK

133 STK

114 STK

0070070 VIS
121 STK

113 STK

15+00
15+00

S 80° 55' 54" E

Point #	Northing	Easting	Ortho. Ht	Code	Stationing	Comments	PROFILE ELEVATION	CL CUT	TOP OF BANK ELEVATION	FILL
3039	16659420.60	1056638.84	158.99		1+00	Hub	148.28	-10.71	158.99	0.00
3040	16659404.96	1056737.61	158.96		2+00	Hub	147.98	-10.98	158.96	0.00
3041	16659389.31	1056836.38	159.02		3+00	Hub	147.68	-11.34	159.02	0.00
3042	16659373.66	1056935.15	158.92		4+00	Hub	147.38	-11.54	158.92	0.00
3043	16659358.02	1057033.91	158.92		5+00	Hub	147.08	-11.84	158.92	0.00
3044	16659342.37	1057132.68	158.92		6+00	Hub	146.78	-12.14	158.92	0.00
3045	16659326.72	1057231.45	158.95		7+00	Hub	146.48	-12.47	158.95	0.00
3046	16659311.08	1057330.22	158.89		8+00	Hub	146.18	-12.71	158.89	0.00
3047	16659295.43	1057428.99	158.86		9+00	Hub	145.88	-12.98	158.86	0.00
3048	16659279.78	1057527.76	157.2		10+00	Hub	145.58	-11.62	157.2	0.00
3049	16659264.14	1057626.52	157.24		11+00	Hub	145.28	-11.96	157.24	0.00
3050	16659248.49	1057725.29	157.55		12+00	Hub	144.98	-12.57	157.55	0.00
3051	16659232.84	1057824.06	155.14		13+00	Hub	144.68	-10.46	155.14	0.00
3052	16659217.20	1057922.83	155.23		14+00	Hub	144.38	-10.85	155.23	0.00
3053	16659201.55	1058021.60	155.07		15+00	Hub	144.08	-10.99	155.07	0.00
3054	16659185.90	1058120.37	153.15		16+00	Hub	143.78	-9.37	153.15	0.00
3055	16659180.43	1058154.94	153.49		16+35	Hub	143.67	-9.82	153.49	0.00
3056	16659166.35	1058243.83	151.58		17+25	Hub	143.31	-8.27	151.58	0.00
3057	16659154.61	1058317.90	151.53		18+00	Hub	143.09	-8.44	151.53	0.00
3058	16659138.97	1058416.67	151.74		19+00	Hub	142.79	-8.95	151.74	0.00
3059	16659123.32	1058515.44	150.67		20+00	Hub	142.49	-8.18	150.67	0.00
3060	16659107.67	1058614.21	150.67		21+00	Hub	142.19	-8.48	150.67	0.00
3061	16659092.03	1058712.98	150.99		22+00	Hub	141.89	-9.10	150.99	0.00
3062	16659076.38	1058811.74	149.31		23+00	Hub	141.59	-7.72	149.31	0.00
3063	16659060.73	1058910.51	149.75		24+00	Hub	141.29	-8.46	149.75	0.00
3064	16659045.09	1059009.28	147.02		25+00	Hub	140.99	-6.03	149.1	2.08
3065	16659029.44	1059108.05	144.67		26+00	Hub	140.69	-3.98	148.5	3.83
3066	16659013.79	1059206.82	143.1		27+00	Hub	140.39	-2.71	148	4.90
3067	16658998.15	1059305.59	144.66		28+00	Hub	140.09	-4.57	147.5	2.84
3068	16658982.50	1059404.35	144.22		29+00	Hub	139.79	-4.43	146.9	2.68
3069	16658966.85	1059503.12	144.1		30+00	Hub	139.49	-4.61	146.4	2.30
3070	16658951.21	1059601.89	144.41		31+00	Hub	139.19	-5.22	145.8	1.39
3071	16658935.56	1059700.66	143.98		32+00	Hub	138.89	-5.09	145.3	1.32
3072	16658919.91	1059799.43	144.2		33+00	Hub	138.59	-5.61	144.6	0.40
3073	16658904.27	1059898.20	144.13		34+00	Hub	138.29	-5.84	144.13	0.00
3074	16658888.62	1059996.96	144.08		35+00	Hub	137.99	-6.09	144.08	0.00
3075	16658872.97	1060095.73	143.74		36+00	Hub	137.29	-6.45	143.74	0.00
3076	16658859.21	1060182.65	143.89		36+88	Hub	137.42	-6.47	144.6	0.71



