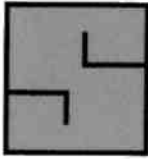


Hidalgo County Precinct #1 Mile 17 Road Widening

June 2010

Eng 10.018

**J.E. Saenz & Associates, Inc.
211 E. Wisconsin Rd.
Edinburg, Texas 78539
(956) 383-2984**



J.E. SAENZ & ASSOCIATES, INC.

ENGINEERS ■ SURVEYORS ■ PLANNERS
CONSTRUCTION MANAGERS ■ GEOGRAPHICAL INFORMATION SYSTEMS
TBPE Firm Registration No.1273

June 22, 2010

Commissioner A.C. Cuellar Jr.
County of Hidalgo, Precinct #1
1902 Joe Stephens Ave.
Weslaco, Tx 78596

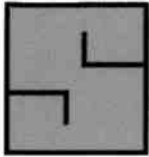
Re: Mile 17 Road Widening (FM 88 to FM 1015)
Right-of-Way Acquisition and Engineering Services Proposal

Commissioner Cuellar,

It is our pleasure to submit to Hidalgo County Precinct #1, this proposal for Professional Right-of-Way Mapping and Engineering Services in relation to the above mentioned project. Our site visits and preliminary research on Mile 17 has led us to the understanding that there are approximately 11 parcels for right-of-way acquisition. Based on this information the following are our basic fees for right-of-way acquisition and engineering services \$38,500.00 and \$215,095.68 respectively for the parcels and design of Mile 17. RPR services including project management during construction is an optional but recommended service. This would ensure daily construction oversight and compliance. Our fee for daily site observations during site civil construction is estimated to be \$107,547.85. The total fees above are based on the following breakdown:

<u>Phase/ Section</u>	<u>Fee</u>
Phase I (From FM 1015 West to Mile 4)	\$182,005.83
Phase II (From Mile 4 0.5 Miles to West To Drain Ditch)	\$107,829.27
Phase III (From FM 88 0.5 Miles to East To Drain Ditch)	\$ 71,308.43
Total:	\$361,143.53

We are prepared to move forward and expedite all necessary documentation and coordinate the acquisition procedures with Hidalgo County Right-of-Way Department for Hidalgo County Precinct #1. We will be conducting services for the 11 parcels as follows:



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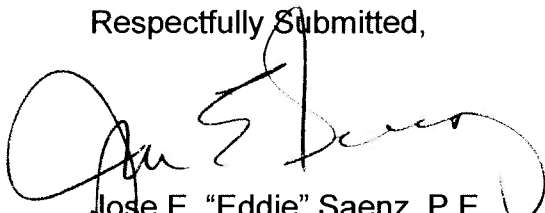
- Property Owner Investigation
- Title Research
- Boundary Survey
- Property Map
- Right-of-Way Map
- Aerial map
- Metes and Boundary Description
- Set all Parcel Lot Corners

We will then proceed with construction plans of the widening of Mile 17. The plans will be created for a total reconstruction profile, meeting all criteria requirements set forth by the County. We will be performing services for the new streets as follows:

- Topographic Survey
- Plans
- Specifications
- Construction Cost Estimate
- Construction Cut Sheets
- Close Out Documentation
- As-Built Plans

This is our best and final offer. Should you have any questions or concerns please feel free to contact our office at (956) 383-2984.

Respectfully Submitted,



Jose E. "Eddie" Saenz, P.E.
Principal

JES/fq

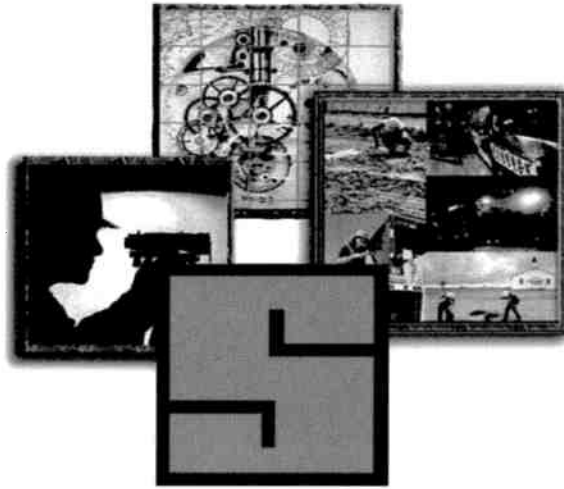
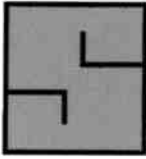


EXHIBIT "A"

**Scope of Services
Provided by Owner**



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EXHIBIT "A"

HIDALGO COUNTY PRECINCT 1

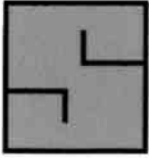
Mile 17 Road Widening

Scope of Services

1. The following provides an outline of the services to be provided by the OWNER in the development of Project.
2. The OWNER will provide to the ENGINEER the following:
3. Authorization to the ENGINEER to begin work in accordance with Section 3 of this Agreement.
4. Payment for work performed by the ENGINEER and accepted by the OWNER in accordance with Section 6 of the Agreement.
5. Assistance to the ENGINEER, as necessary, to obtain the required data and information from other local, regional, State and Federal agencies that the ENGINEER cannot easily obtain.
6. Provide any available relevant data the OWNER may have on file concerning the project.
7. Provide timely review and decisions in response to the ENGINEER'S request for information and/or required submittals and deliverable, in order for the ENGINEER to maintain the agreed-upon work schedule prepared in accordance with Attachment "C" of this Agreement.
8. Attend and participate in progress meeting as required and as coordinated and conducted by the ENGINEER.
9. Assist the ENGINEER in the preparation of the project mailing list; provide representation, a site and stenographer for all public meetings; additionally:

Public Meetings

- a. Approve agenda and all exhibits prior to public meeting.
- b. Approve date and location of the meeting.
- c. Review/approve Public Meeting Report



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10. Attend the Preliminary Concept Conference coordinated and conducted by the ENGINEER and more particularly identified in Attachment "B" of the Agreement.
11. Assist the ENGINEER as required in the coordination with the USAGE and the Federal Emergency Management Agency (FEMA) and any other coordinating agency or entity.
12. Review and approve the Project design criteria.
13. Review and approve change orders as required and prepared by the ENGINEER.

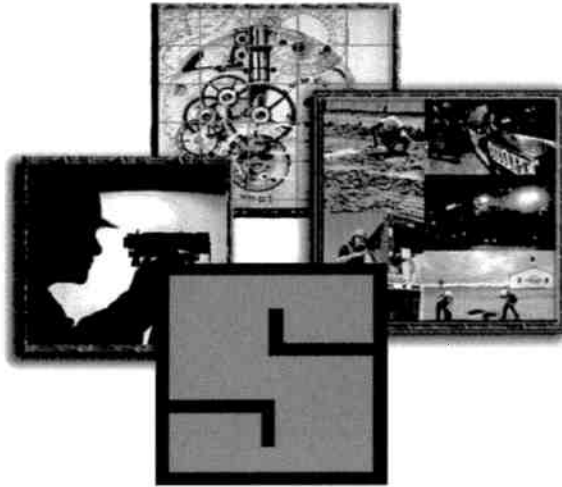
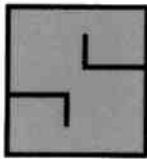


EXHIBIT "B"

**Scope of Services
Provided by Engineer**



J.E. SAENZ & ASSOCIATES, INC.

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CONSTRUCTION MANAGERS ■ GEOGRAPHICAL INFORMATION SYSTEMS
TBPE Firm Registration No.1273

EXHIBIT "B"

HIDALGO COUNTY PRECINCT 1

Mile 17 Road Widening

Scope of Services

This project consists of obtaining all necessary documentation and the acquisition procedures with Hidalgo County Right-of-Way Department for Hidalgo County Precinct #1 as well as construction plans for the Mile 17 Road Widening.

The following is the work to be done for this project:

1. Hidalgo County Right-of-Way Department
 - a. Property Owner Investigation
 - b. Title Research
 - c. Boundary Survey
 - d. Property Map
 - e. Right-of-Way Map
 - f. Aerial Map
 - g. Metes and Boundary Description
 - h. Set Parcel Lot Corners

2. Paving Improvements
 - a. Conduct a topographic survey for the project area.
 - b. Generate plans and profiles for the proposed project.
 - c. Provide site visits to monitor construction progress.
 - d. Review pay request and make recommendations.
 - e. Administer the project closeout on behalf of the County including testing observations, documentation, etc.
 - f. Generate As-Built plans for the County upon project completion.

Please find attached an exhibit showing the layout and extent of the work mentioned previously. Also enclosed is a preliminary Statement of Probable Cost in order to ensure that the discussed scope is in agreement with Hidalgo County Precinct #1.

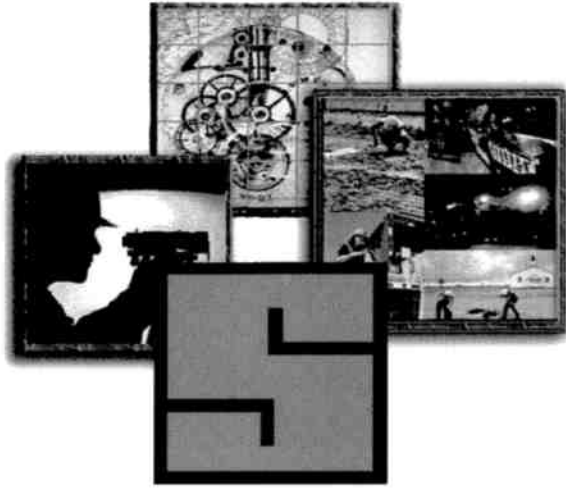


EXHIBIT "C"

Work Schedule

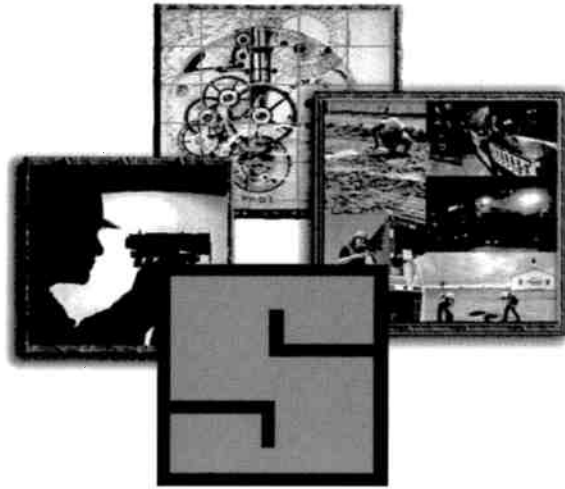


EXHIBIT "D"

Estimated Cost Proposal

Project Name: Mile 17 (Ciro Casares) From Mile 4 to FM 1015

STATEMENT OF PROBABLE COST

Project Number: ENG.10.018

Page 1 of 1

PHASE I

5,400 L.F. OF ROAD WIDENING W/ CURB & GUTTER

PAVING AND DRAINAGE

ITEM #	DESCRIPTION	QUANTITY	UNIT COST	AMOUNT
1	PREPARATION OF RIGHT-OF-WAY	54 STA	\$450.00	\$24,300.00
2	3" HMAC PAVEMENT, TYPE "D"	16,950 S.Y.	\$11.00	\$186,450.00
3	8" FL BS COMPACT 95% DENSITY	18,750 S.Y.	\$7.50	\$140,625.00
4	6" COMPACTED LIME TREATED SUBGRADE 98% DENSITY	21,150 S.Y.	\$6.00	\$126,900.00
5	PRIME COAT (MC-30) (0.2 GAL/SY)	3,390 GAL	\$4.50	\$15,255.00
6	TYPE "F" INLETS	20 E.A.	\$3,000.00	\$60,000.00
7	RC PIPE (CL III)(24 IN)(SPL) (RUBBER GASKET)	5,900 L.F.	\$30.00	\$177,000.00
8	6' CONCRETE VALLEY GUTTER	475 L.F.	\$21.00	\$9,975.00
9	DRVWYS (CONC PAV)	850 S.Y.	\$28.00	\$23,800.00
10	5' CONCRETE SIDEWALK	3,000 S.Y.	\$30.00	\$90,000.00
11	CONC CURB AND GUTTER (TYPE "A") (BARRIER)	10,800 L.F.	\$8.00	\$86,400.00
12	ADA RAMPS	10 E.A.	\$900.00	\$9,000.00
13	CULVERT EXTENSION	46 L.F.	\$300.00	\$13,800.00
14	STRIPING & SIGNING	1 L.S.	\$10,000.00	\$10,000.00
15	DITCH CLEARING (500' EACH SIDE)	1 L.S.	\$2,500.00	\$2,500.00
16	MOBILIZATION/ DEMOBILIZATION	1 L.S.	\$10,000.00	\$10,000.00
17	EROSION CONTROL	1 L.S.	\$5,000.00	\$5,000.00
18	TRAFFIC CONTROL	1 L.S.	\$6,000.00	\$6,000.00
SUB TOTAL:				\$997,005.00

L. TOTAL ESTIMATED COST

1) CONSTRUCTION	\$997,005.00
2) 10 % CONTINGENCY	\$99,700.50
3) ENGINEERING SERVICES	\$109,670.55
4) RPR SERVICES	\$54,835.28
5) PARCEL ACQUISITION (5 @ \$3,500)	\$17,500.00

TOTAL: \$1,278,711.33

Project Name: Mile 17 (Ciro Casares) From Mile 4 (Yellow Jacket Drive) 0.5 Miles West to Drain Ditch

STATEMENT OF PROBABLE COST

Project Number: ENG.10.018

Page 1 of 1

PHASE II

2,800 L.F. OF ROAD WIDENING W/ CURB & GUTTER

PAVING AND DRAINAGE

ITEM #	DESCRIPTION	QUANTITY	UNIT COST	AMOUNT
1	PREPARATION OF RIGHT-OF-WAY	28 STA	\$450.00	\$12,600.00
2	3" HMAC PAVEMENT, TYPE "D"	9,370 S.Y.	\$11.00	\$103,070.00
3	8" FL BS COMPACT 95% DENSITY	10,290 S.Y.	\$7.50	\$77,175.00
4	6" COMPACTED LIME TREATED SUBGRADE 98% DENSITY	11,510 S.Y.	\$6.00	\$69,060.00
5	PRIME COAT (MC-30) (0.2 GAL/SY)	1,874 GAL	\$4.50	\$8,433.00
6	REMOVAL INLET STRUCTURE	6 E.A.	\$450.00	\$2,700.00
7	RC PIPE (CL III)(24 IN)(SPL) (RUBBER GASKET)	2,800 L.F.	\$30.00	\$84,000.00
8	6' CONCRETE VALLEY GUTTER	300 L.F.	\$21.00	\$6,300.00
9	5' CONCRETE SIDEWALK	1,530 S.Y.	\$30.00	\$45,900.00
10	CONC CURB AND GUTTER (TYPE "A") (BARRIER)	5,500 L.F.	\$8.00	\$44,000.00
11	ADA RAMPS	11 E.A.	\$900.00	\$9,900.00
12	TYPE "F" INLETS	11 E.A.	\$3,000.00	\$33,000.00
13	DRVWYS (CONC PAV)	150 S.Y.	\$28.00	\$4,200.00
14	STRIPING & SIGNING	1 L.S.	\$5,000.00	\$5,000.00
15	DITCH CLEARING (500' EACH SIDE)	1 L.S.	\$2,500.00	\$2,500.00
16	REMOVAL CONCRETE SIDEWALK	600 S.Y.	\$9.00	\$5,400.00
17	MOBILIZATION/ DEMOBILIZATION	1 L.S.	\$7,500.00	\$7,500.00
18	EROSION CONTROL	1 L.S.	\$2,500.00	\$2,500.00
19	TRAFFIC CONTROL	1 L.S.	\$3,000.00	\$3,000.00
SUB TOTAL:				\$526,238.00

I. TOTAL ESTIMATED COST

1) CONSTRUCTION	\$526,238.00
2) 10 % CONTINGENCY	\$52,623.80
3) ENGINEERING SERVICES	\$57,886.18 ✓
4) RPR SERVICES	\$28,943.09 ✓
5) PARCEL ACQUISITION (6@ \$3,500)	\$21,000.00 ✓

TOTAL: \$686,691.07

Project Name: Mile 17 (Ciro Casares) From FM 88 0.5 Miles East to Drain Ditch

STATEMENT OF PROBABLE COST

Project Number: ENG.10.018

Page 1 of 1

PHASE III

2,600 L.F. OF ROAD RECONSTRUCTION W/ CURB & GUTTER

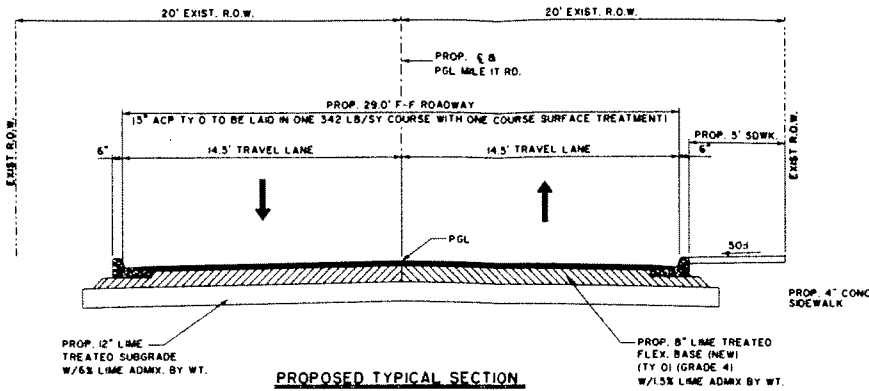
PAVING AND DRAINAGE

ITEM #	DESCRIPTION	QUANTITY	UNIT COST	AMOUNT
1	PREPARATION OF RIGHT-OF-WAY	26 STA	\$450.00	\$11,700.00
2	3" HMAC PAVEMENT, TYPE "D"	7,367 S.Y.	\$11.00	\$81,037.00
3	8" FL BS COMPACT 95% DENSITY	8,220 S.Y.	\$7.50	\$61,650.00
4	6" COMPACTED LIME TREATED SUBGRADE 98% DENSITY	9,350 S.Y.	\$6.00	\$56,100.00
5	PRIME COAT (MC-30) (0.2 GAL/SY)	1,473 GAL	\$4.50	\$6,630.30
6	REMOVAL INLET STRUCTURE	14 E.A.	\$450.00	\$6,300.00
7	RC PIPE (CL III)(24 IN)(SPL) (RUBBER GASKET)	200 L.F.	\$30.00	\$6,000.00
8	6' CONCRETE VALLEY GUTTER	655 L.F.	\$21.00	\$13,755.00
9	5' CONCRETE SIDEWALK	1,420 S.Y.	\$30.00	\$42,600.00
10	CONC CURB AND GUTTER (TYPE "A") (BARRIER)	5,100 L.F.	\$8.00	\$40,800.00
11	ADA RAMPS	12 E.A.	\$900.00	\$10,800.00
12	TYPE "F" INLETS	17 E.A.	\$3,000.00	\$51,000.00
13	DRVWYS (CONC PAV)	600 S.Y.	\$28.00	\$16,800.00
14	STRIPING & SIGNING	1 L.S.	\$5,000.00	\$5,000.00
15	REMOVAL CONCRETE SIDEWALK	1,000 S.Y.	\$9.00	\$9,000.00
16	MOBILIZATION/ DEMOBILIZATION	1 L.S.	\$7,500.00	\$7,500.00
17	EROSION CONTROL	1 L.S.	\$2,500.00	\$2,500.00
18	TRAFFIC CONTROL	1 L.S.	\$3,000.00	\$3,000.00
SUB TOTAL:				\$432,172.30

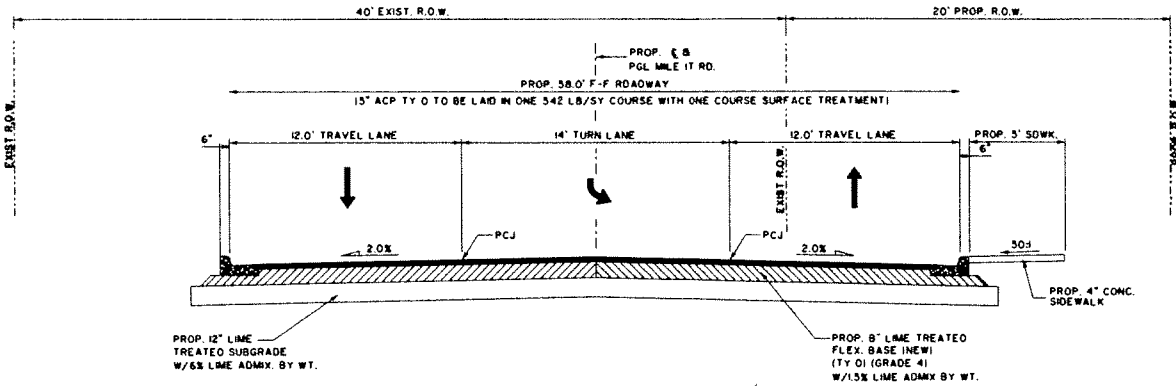
I. TOTAL ESTIMATED COST

1) CONSTRUCTION	\$432,172.30
2) 10 % CONTINGENCY	\$43,217.23
3) ENGINEERING SERVICES	\$47,538.95 ✓
4) RPR SERVICES	\$23,769.48 ✓

TOTAL: \$546,697.96



PROPOSED TYPICAL SECTION



PROPOSED TYPICAL SECTION WITHIN SCHOOL AREAS

FOR INTERIM REVIEW ONLY
NOT INTENDED FOR CONSTRUCTION
BIDDING OR PERMIT PURPOSES

YARA M. CORBITT
LICENSE NUMBER 100129
DATED: 6/22/2010

J.E. SAENZ & ASSOCIATES, INC.
P.O. BOX 2820
DENVER, COLORADO 80216
TEL: (303) 733-7884
FAX: (303) 733-7704

**MILE 17 ROAD
TYPICAL SECTIONS**

ISSUED FOR:	
DRAWN:	
CHECKED:	
SCALE:	
DATE:	
PROJECT NO.:	ENG 10018

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