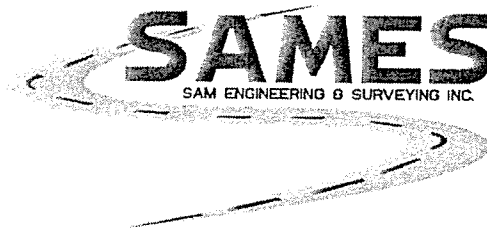


**PRECINCT 1/URBAN COUNTY PROGRAM  
TDRA-DR STREET & DRAINAGE  
IMPROVEMENTS**

**CITY OF PROGRESO  
CATARINA SUBDIVISION**

**DECEMBER 2010**



**SAM Engineering & Surveying, Inc.  
200 South Cage Boulevard, Suite A  
Tel 956.702.8880; Fax 956.702.8883  
Pharr, Texas 78577**

*SAM Engineering and Surveying, Inc.*



Reg. # F-10602

---

200 South Cage Boulevard Ste. A, Pharr, Texas 78577 (P.O. Box 3353 Edinburg, TX. 78540)

December 8, 2010

Joel Quintanilla  
Commissioner Precinct 1  
1902 Joe Stephens Ave.  
Weslaco, Texas 78596

Re: Engineering Proposal – Precinct 1/Urban County Program TDRA-DR Street & Drainage Improvements (City of Progreso – Catarina Subdivision)

Commissioner Quintanilla,

We are pleased to submit this proposal to Precinct 1 and Urban County Program, for providing Professional Engineering Services in connection to the TDRA-DR Pct. 1 Street & Drainage Improvements for Catarina Subdivision within the City of Progreso. As per our understanding of this project, the improvements consist of constructing new paving and drainage improvements.

We have visited the project sites and have generated a complete probable cost package for the proposed construction as was submitted to TDRA for consideration. Enclosed please find the submitted Table 2 showing the project estimate, exhibits, and project limits maps for your review.

At your request, we will begin working on the plan design phase. Project coordination meetings with your staff will be established prior to commencement and throughout the life of the project. SAMES highly skilled staff will work diligently with your staff to provide all necessary documentation and submittals required to successfully execute the project.

We propose to perform the attached services for a lump sum amount of \$53,883.20, this represents our best and final offer. We will commence with this project upon receipt of a written notice to proceed and are available at your earliest convenience to discuss this project.

Respectfully Submitted,

Saul D. Maldonado, P.E.  
Principal

Exhibit A  
Scope of Services

Precinct I/Urban County Program  
TDRA-DR Street & Drainage Improvements  
Catarina Subdivision – City of Progreso

---

The basic services proposed include project planning, surveying, engineering & design, construction plans and basic construction phase services. Resident Project Representative Services during construction, if needed, may be provided as an additional service.

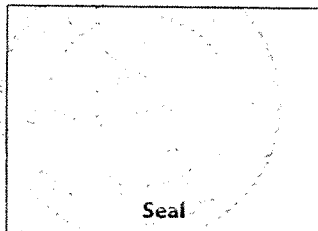
The list below details the major components required for the project, but is not intended to be an all-inclusive list of all the services provided/required to see that the project is completed.

- a. Meet with staff to define the project limits and basic project requirements;
- b. Provide topographic surveying of the right-of-ways and drainage areas;
- c. Perform engineering calculations and reports to adequately size the storm drainage system; *(if necessary)*
- d. Provide schematic plans for review and approval, prior to final design;
- e. Incorporate any changes or comments into plans;
- f. Provide final construction plans, specifications and estimate, signed and sealed by an Engineer, for approval;
- g. Coordinate the advertising and bidding phase *(if needed)*;
- h. Assist the Precinct with Pre-Bid Meeting and Bid Opening;
- i. Provide Bid Tabulation, and Recommendation to Award;
- j. Conduct Pre-Construction Meeting;
- k. Provide monthly status reports and oral presentation, as needed;
- l. Provide monthly construction observation and coordination as needed;
- m. Review and process all material and other submittals;
- n. Process monthly payment requests from the contractor;
- o. Conduct final walk-thru and prepare a punch list of pending issues; and
- p. Process close-out documentation and as-builts.

The above list is intended to be a sample representation of the services to be provided by the engineering, and is not intended to be a comprehensive list.

**TABLE 2 - BUDGET JUSTIFICATION OF RETAIL COSTS**

Act.	Materials/Facilities	\$/Unit	Unit	Qty	Construction \$	Acquisition \$	Eng./Arch. \$	Ttl. Act. \$
4	Demolition	\$43,786.20	LS	1.00	\$43,786.20	\$0.00	\$4,378.62	\$48,164.82
4	6" Road Grader Work Subgrade	\$5.25	SY	10,500.00	\$55,125.00	\$0.00	\$5,512.50	\$60,637.50
4	6" FL BS (DC) (TYD GR6 CL III)	\$7.25	SY	10,500.00	\$76,125.00	\$0.00	\$7,612.50	\$83,737.50
4	Prime Coat Asph Mtrl (MC-30)	\$6.22	GAL	2,100.00	\$13,062.00	\$0.00	\$1,306.20	\$14,368.20
4	HMAC TY D	\$9.00	SY	8,500.00	\$76,500.00	\$0.00	\$7,650.00	\$84,150.00
5	24"x12" Conc. Curb & Gutter	\$9.50	LF	5,500.00	\$52,250.00	\$0.00	\$5,225.00	\$57,475.00
5	Type 'A' Curb Inlet	\$3,500.00	EA	10.00	\$35,000.00	\$0.00	\$3,500.00	\$38,500.00
5	4' Diameter Conc. Manhole	\$5,000.00	EA	4.00	\$20,000.00	\$0.00	\$2,000.00	\$22,000.00
5	6 Ft Wide Conc. Valley Gutter	\$5,000.00	EA	2.00	\$10,000.00	\$0.00	\$1,000.00	\$11,000.00
5	18" RCP, CL-III	\$30.00	LF	160.00	\$4,800.00	\$0.00	\$480.00	\$5,280.00
5	24" RCP, CL-III	\$36.00	LF	950.00	\$34,200.00	\$0.00	\$3,420.00	\$37,620.00
5	30" RCP-CL-III	\$48.00	LF	740.00	\$35,520.00	\$0.00	\$3,552.00	\$39,072.00
5	Concrete Headwall	\$10,000.00	EA	1.00	\$10,000.00	\$0.00	\$1,000.00	\$11,000.00
30	Geotechnical Engineering & CMT	\$0.00		0.00	\$0.00	\$0.00	\$7,246.38	\$7,246.38
					<b>\$466,368.20</b>	<b>\$0.00</b>	<b>\$53,883.20</b>	<b>\$520,251.40</b>



*[Handwritten Signature]*

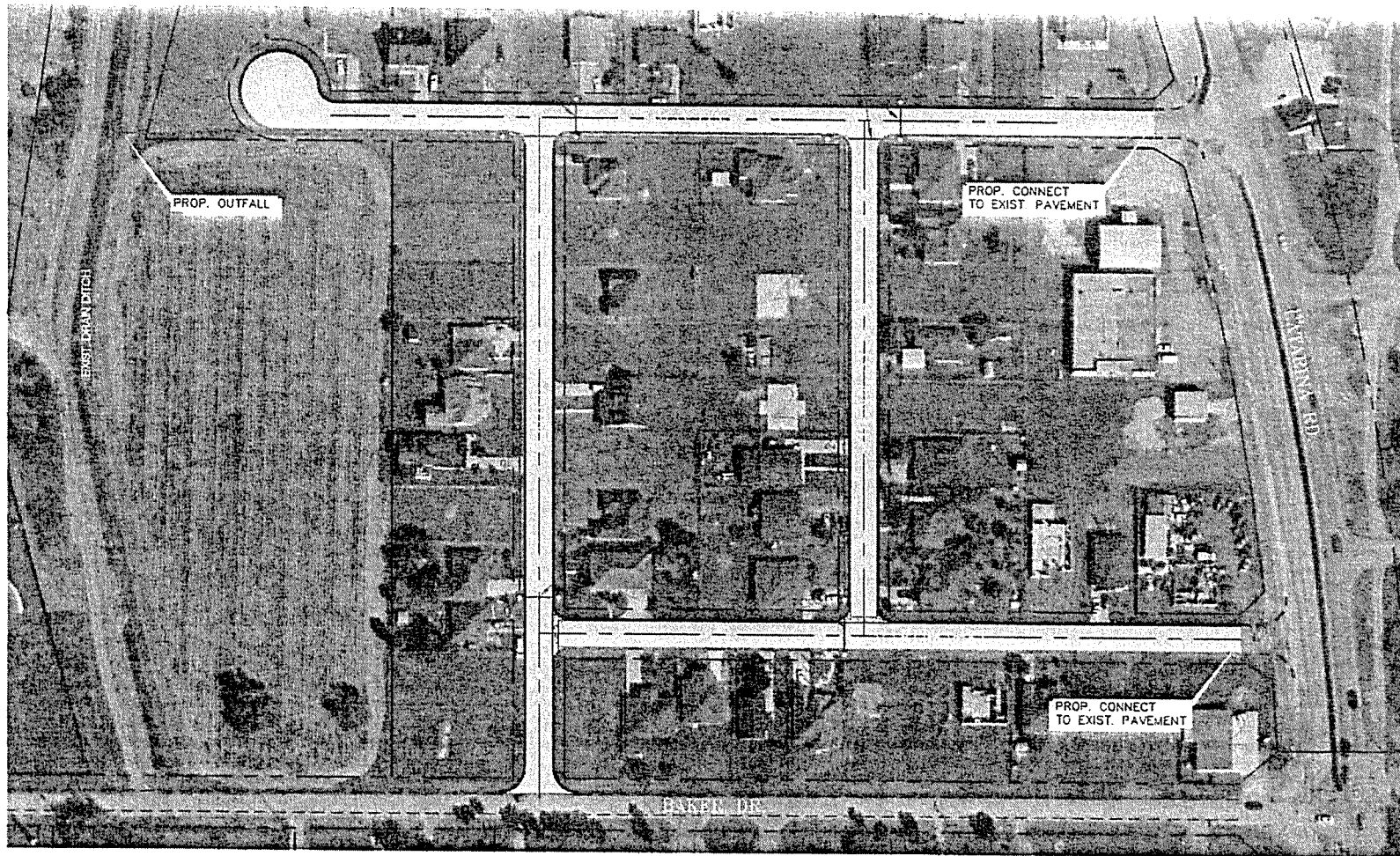
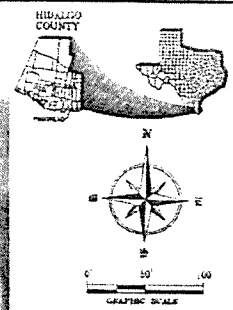
**Signature of Registered Engineer/Architect Responsible For Budget Justification:**

Jun 3, 2010

**Date:**

+1 (956) 702-8880

**Phone Number**



**LEGEND**

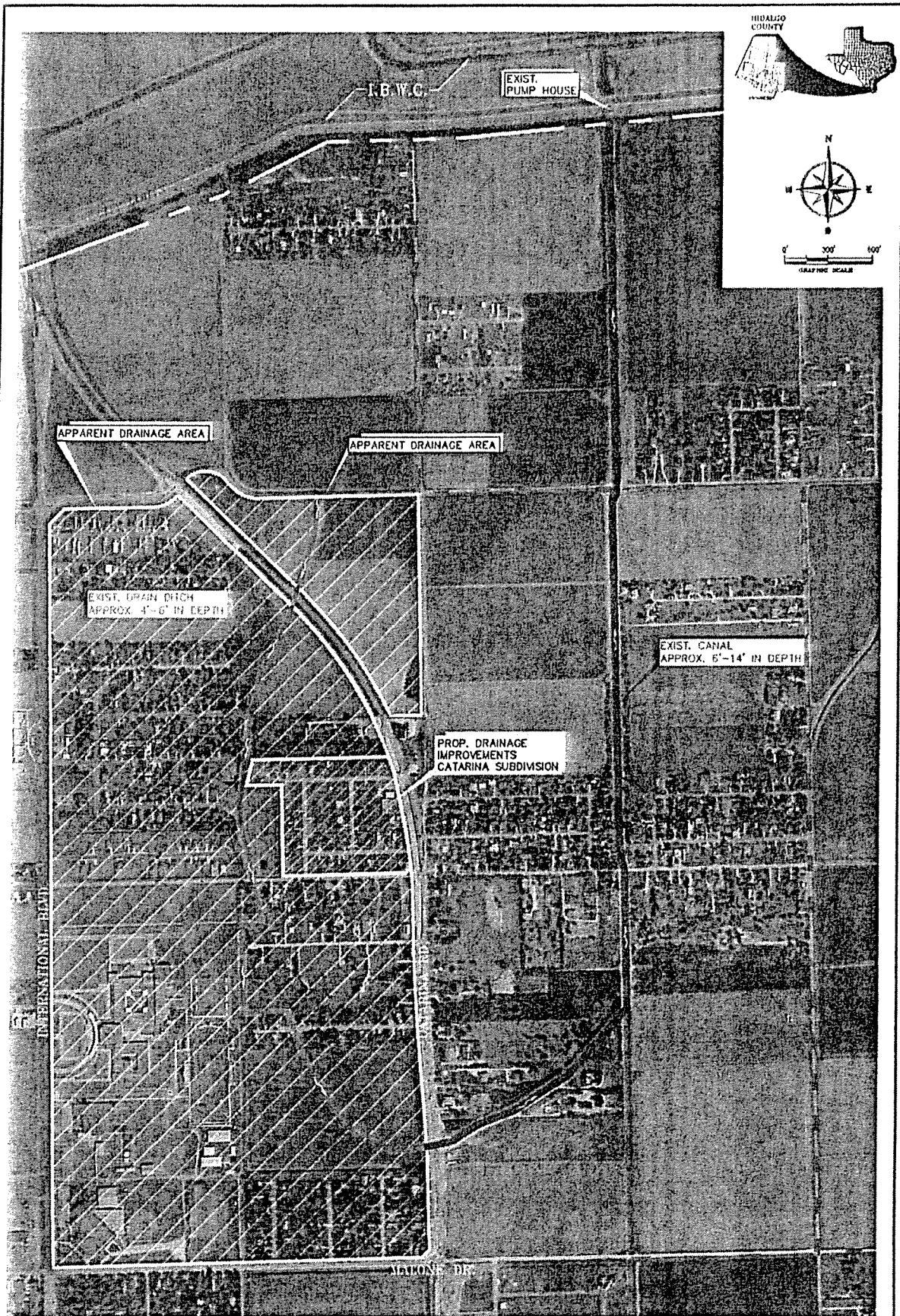
- ☐ - PROP. TYPE "A" INLET
- - PROP. STORM SEWER MANHOLE

**EXHIBIT**  
**CATARINA SUBDIVISION**  
**PROPOSED PAVING & DRAINAGE IMPROVEMENTS**  
**PROGRESO, TX**

DATE OF PREPARATION: MAY 2010

Registration # P-10602

**SAMES** SAM Engineering & Surveying, Inc.  
 200 S. CAGE BLVD. TEL: (956) 702-8080  
 PHARR, TEXAS 76577 FAX: (956) 702-8083



**EXHIBIT**  
**EXISTING DRAINAGE DITCH SYSTEM**  
**PROGRESO, TX**

DATE OF PREPARATION: MAY 2010 Registration # P-10603

**SAMES** SAM Engineering & Surveying, Inc.  
 200 S. CAGE BLVD. TEL: (956) 702-8800  
 PHARR, TEXAS 77577 FAX: (956) 702-8833

Exhibit B  
Fee Proposal

Precinct 1/Urban County Program  
TDRA-DR Street & Drainage Improvements  
Catarina Subdivision – City of Progreso

---

We propose to provide the above-mentioned services for a lump sum amount of \$53,883.20, based on the preliminary construction cost estimate as submitted to TDRA, Table 2, as part of the application for project approval (attached herein). Our services will be billed at a monthly basis, as a percentage of work done to date. This is our best and final offer.

We will begin work upon receipt of a notice to proceed, and will provide a scheduled completion date for approval.