

Precinct No. 4

Phase 1: Trenton Drain Drainage Improvements Project

Grantee shall purchase and install approximately five thousand four hundred ninety-one linear feet (5,491 L.F.) of Reinforced Concrete Pipe CL III Storm Drain Pipe of various sizes including thirty-six inch (36 in.), forty-two inch (42 in.), forty-eight inch (48 in.), fifty-four inch (54 in.), and sixty inch (60 in.); install eleven (11) junction boxes with manhole top structures; install two (2) type “C-C” inlets; install two (2) storm manholes; install three thousand nine hundred twenty square yards (3,920 sq. yds.) of 6” Concrete Rip-Rap at each end of drain ditches; restore ninety square yards (90 sq. yds.) of pavement; restore forty linear feet (40 L.F.) of curb and gutter; excavate eighty four thousand eight hundred eighty-seven cubic yards (84,887 cu. yds.) of drainage ditches; install one hundred twenty linear feet (120 L.F.) of thirty-six inch (36 in.) Steel Irrigation Pipe for ditch crossings; install two hundred twenty-four linear feet (224 L.F.) of thirty-six inch (36 in.) Irrigation Reinforced Concrete Pipe CL III RJ for ditch crossings; install one thousand four hundred sixty-five linear feet (1,465 L.F.) of fifteen inch (15 in.) Irrigation PVC Pipe for re-route of irrigation system; install ten (10) Irrigation Valves; install four (4) Irrigation Short-Wells; repair any miscellaneous pavement and backfill and related appurtenances. These proposed improvements will increase the capacity of the storm sewer system by acting as a source of outfall to convey storm waters from Phase 2 Trenton Area “Pocket” Drainage Projects. Project location is between Trenton Road and Alberta Road, and approximately 8,200 linear feet east of Alamo Road.

Phase 2: Trenton Area “Pocket” Drainage Projects

Grantee shall purchase and install approximately four thousand five hundred fifty linear feet (4,550 L.F.) of Reinforced Concrete Pipe CL III Storm Drain Pipe of various sizes including eighteen inch (18 in.), twenty-four inch (24 in.), thirty inch (30 in.), and thirty-six inch (36 in.); install eighteen (18) type “C-C” inlets; install ten (10) storm manholes; install one (1) thirty-six inch (36 in.) endwall; restore two hundred and six square yards (206 sq. yds.) of pavement; repair any miscellaneous pavement and backfill and related appurtenances. These proposed improvements will increase the capacity of the storm sewer system and reduce flooding by conveying storm waters to Phase 1 Trenton Drain Drainage Improvements Project. Construction shall take place at the following locations:

NORTH ALAMO TERRACE SUBDIVISION

STREET	FROM	TO
Beaumont Avenue	Alamo Road	Dallas Avenue
Austin Avenue	Alamo Road	Dallas Avenue
Dallas Avenue	Beaumont Avenue	Austin Avenue
Chicago Avenue	Beaumont Avenue	Austin Avenue

SAN MARCOS ACRES No. 3 SUBDIVISION

-	FROM	TO
-	San Marcos Avenue	Alamo Road

ALAMO ESTATES UNIT 1 & 2 SUBDIVISION

STREET	FROM	TO
Leigh Ann Drive	Alamo Road	Alanoz Avenue

HOPEWELL GARDENS SUBDIVISION

STREET	FROM	TO
-	Hudson Street	Alamo Road
Pioneer Street	Hudson Street	Anchor Street
Eclipse Street	Hudson Street	Anchor Street

DAN BURNS ESTATES AREA

STREET	FROM	TO
Leigh Ann Drive	Alamo Road	Alanoz Avenue

Phase 3: Drainage Improvements Projects – Various Locations

Grantee shall purchase and install approximately twenty eight thousand two hundred thirty-seven linear feet (28,237 L.F.) of Reinforced Concrete Pipe CL III Storm Drain Pipe of various sizes including eighteen inch (18 in.), twenty-four inch (24 in.), thirty inch (30 in.), thirty-six inch (36 in.), forty-two inch (42 in.), and forty-eight inch (48 in.); install one hundred and one (101) type “C-C” inlets; install thirty-five (35) storm manholes; install seven (7) endwalls of various sizes including twenty-four inch (24 in.), thirty inch (30 in.), thirty-six inch (36 in.), forty-two inch (42 in.), forty-eight inch (48 in.); restore five thousand nine hundred seventy-six square yards (5,976 sq. yds.) of pavement; re-excavate ten thousand two hundred fifty linear feet (10,250 L.F.) of existing drainage ditches; re-grade and/or re-excavate twelve thousand eight hundred linear feet (12,800 L.F.) of swales and roadside ditches; restore fifty-three (53) driveways; repair any miscellaneous pavement and backfill and related appurtenances. These proposed improvements will increase the capacity of the storm sewer system and reduce flooding by conveying storm waters to an outfall at each location. Construction shall take place at the following locations:

OWASSA ACRES SUBDIVISION

-	FROM	TO
-	Owassa Road	Roman Circle

OWASSA ROAD BETWEEN ALAMO ROAD AND CESAR CHAVEZ AREA

STREET	FROM	TO
All street in Owassa Estates	-	-
Avocado Park-King Street	Alamo Road	Prince Street
Queen Street	Alamo Road	Prince Street

LOS TINACOS SUBDIVISION

	FROM	TO
-	Cenizo Street	Owassa Road
-	El Sauz Street	Owassa Road

TOWER HEIGHTS SUBDIVISION

STREET	FROM	TO
Grove Avenue	Mile 17 ½ Road	Orchard Avenue
-	Orchard Avenue	Tower Road

BANDERA ESTATES SUBDIVISION

	FROM	TO
-	Bandera Lane	Tower Road
-	Grove Avenue	Orchard Avenue

FOUR QUEENS SUBDIVISION

	FROM	TO
-	Queen Drive	Tower Road

HOEHN DRIVE SUBDIVISION

STREET	FROM	TO
Russett Street	Ebony Avenue	Hoehn Drive
Crimson Street	Ebony Avenue	Hoehn Drive
Indigo Street	Ebony Avenue	Hoehn Drive
Lavender Street	Ebony Avenue	Hoehn Drive
Ivory Street	Ebony Avenue	Hoehn Drive
Ebony Avenue	Ivory Street	Russett Street
Peach Street	Ivory Street	Monte Cristo Road
Lilac Street	Ivory Street	Russett Street

SOUTH SAN CARLOS SUBDIVISION

STREET	FROM	TO
Hendrix Circle	S.H. 107	Tex-Mex Road
S. 4 th Avenue	S.H. 107	Tex-Mex Road
S. 5 th Avenue	S.H. 107	Tex-Mex Road
Holmes Avenue	N. 3 rd Street	S. 4 th Avenue

RUTHVEN SUBDIVISION No. 2

STREET	FROM	TO
N. 3 rd Street	Tex-Mex Road	S.H. 107

COLONIA TEJANA SUBDIVISION

STREET	FROM	TO
S. 6 th Street	S.H. 107	Tex-Mex Road

S. 6 th Street	S. 5 th Street	Tex-Mex Road
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PORSALDO SUBDIVISION

STREET	FROM	TO
Tex-Mex Road	S. 6 th Street	Villarreal

ALAMO BRISAS SUBDIVISION

STREET	FROM	TO
Alamo Road	Rogers Road (Mile 18)	Mile 17 ½ Road
La Paz	Rogers Road (Mile 18)	Barcelona Street
Santiago Street	Rogers Road (Mile 18)	Barcelona Street
Barcelona Street	Alamo Road	Santiago Street

These activities shall benefit seventeen thousand seven hundred fifty-five (17,755) persons, of which twelve thousand four hundred ninety-five (12,495) or seventy percent (70%) are of low to moderate income.

COMMISSIONER OSCAR L. GARZA, Jr.**Hidalgo County Precinct No. 4****Project: PHASE I TRENTON DRAIN DRAINAGE IMP. PROJECT****Project #:****Location: BETWEEN ALBERTA RD & TRENTON RD, APPROX.
8,200 FT EAST OF ALAMO RD.****Date: 9/23/2010****Estimator: Raul E. Sesin, PE, CFM****ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS**

Item	Description	Qty.	Unit	Unit Cost	Total
1	11'x7' JUNCTION BOX WITH 4' DIAMETER MANHOLE TOP STRUCTURE (INCLUDING COVER)	4	EA	\$7,500.00	\$30,000.00
2	11'x7' JUNCTION BOX WITH 4' DIAMETER MANHOLE TOP STRUCTURE WITH GRATE	7	EA	\$7,500.00	\$52,500.00
3	TYPE "CC" GRATED INLET	2	EA	\$3,500.00	\$7,000.00
4	6' DIAMETER MANHOLE WITH GRATE	1	EA	\$4,000.00	\$4,000.00
5	7' DIAMETER MANHOLE WITH COVER	1	EA	\$4,500.00	\$4,500.00
6	36" RCP CL III RJ STORM DRAIN PIPE	542	LF	\$65.00	\$35,230.00
7	42" RCP CL III RJ STORM DRAIN PIPE	3,278	LF	\$75.00	\$245,850.00
8	48" RCP CL III RJ STORM DRAIN PIPE	1,127	LF	\$90.00	\$101,430.00
9	54" RCP CL III RJ STORM DRAIN PIPE	505	LF	\$120.00	\$60,600.00
10	60" RCP CL III RJ STORM DRAIN PIPE	39	LF	\$150.00	\$5,850.00
11	6" CONCRETE RIP-RAP FOR DITCH CELLS (1-5) (RIP-RAP (2) TO (11) IN PLANS) - 250 SY/RIP-RAP AT EACH END OF DRAIN DITCH	2500	SY	\$36.00	\$90,000.00
12	6" CONCRETE RIP-RAP FOR DRAIN DITCH CELL (3) (STATIONS 31+13 TO 32+13) AT DITCH TRANSITION	1220	SY	\$36.00	\$43,920.00
13	6" CONCRETE RIP-RAP FOR DITCH AT STATION 71+91.45	100	SY	\$36.00	\$3,600.00
14	6" CONCRETE RIP-RAP FOR DITCH AT OUTFALL	100	SY	\$36.00	\$3,600.00
15	IRRIGATION VALVE	10	EA	\$500.00	\$5,000.00
16	IRRIGATION SHORT WELL	4	EA	\$1,000.00	\$4,000.00
17	15" IRRIGATION PVC PIPE (INCLUDING CONNECTIONS TO EXISTING PIPE, WHERE REQUIRED, AS PER PLANS)	1,365	LF	\$20.00	\$27,300.00
18	15" IRRIGATION PVC PIPE AT ADJUSTMENT CROSSING (1)	60	LF	\$20.00	\$1,200.00
19	15" IRRIGATION PVC PIPE AT ADJUSTMENT CROSSING (2)	40	LF	\$20.00	\$800.00
20	15' WIDE ASPHALT OPEN-CUT, PATCH, & REPAIR AT TOWER ROAD	37	SY	\$30.00	\$1,110.00

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8,200 FT EAST OF ALAMO RD.****Date: 9/23/2010****Estimator: Raul E. Sesin, PE, CFM****ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS**

Item	Description	Qty.	Unit	Unit Cost	Total
21	15' WIDE ASPHALT OPEN-CUT, PATCH, & REPAIR AT HAVEN LANE	53	SY	\$30.00	\$1,590.00
22	CURB & GUTTER AT HAVEN LANE	40	LF	\$15.00	\$600.00
23	TRAFFIC CONTROL	1	LS	\$5,000.00	\$5,000.00
24	TRENCH PROTECTION	5,491	LF	\$2.00	\$10,982.00
25	GRAVEL BEDDING & BACKFILL FOR STORM DRAIN PIPES AS PER PLAN DETAILS	5,491	LF	\$15.00	\$82,365.00
26	TEMPORARY SEDIMENT CONTROL FENCE	1	LS	\$2,000.00	\$2,000.00
27	6" BEDDING FOR ALL STORM STRUCTURES	35	CY	\$30.00	\$1,050.00
28	NEW DITCH EXCAVATION (STATION 28+62 TO 32+13) PART OF DRAIN DITCH CELL (3)	4,188	CY	\$2.00	\$8,376.00
29	NEW DITCH DIRT HAULING & STOCKPILE 300 FEET NORTH	3,056	CY	\$2.00	\$6,112.00
30	DITCH EXTENSION EXCAVATION (STATION 71+50 TO 72+00)	400	CY	\$2.00	\$800.00
31	REMOVING 36" IRRIGATION PIPE AT CROSSINGS	344	LF	\$8.00	\$2,752.00
32	36" STEEL IRRIGATION PIPE FOR DITCH CROSSING	120	LF	\$150.00	\$18,000.00
33	36" RCP CL III RJ IRRIGATION PIPE FOR DITCH CROSSING (INCLUDING CONNECTIONS TO EXISTING PIPE)	224	LF	\$60.00	\$13,440.00
34	NEW DITCH EXCAVATION	80,299	CY	\$2.00	\$160,598.00
				SUBTOTAL:	\$1,041,155.00
				CONTINGENCY & MATERIAL TESTING (10%):	\$104,115.50
				BASE BID TOTAL:	\$1,145,270.50

COMMISSIONER OSCAR L. GARZA, Jr.

Hidalgo County Precinct No. 4

Project: PHASE II TRENTON AREA "POCKET" DRAINAGE PROJECTS

Project #:

Location: North Alamo Terrace Subd, San Marcos Acres No. 3 Subd

Alamo Estates Subd, Hopewell Gardens Subd, and

Dan Burns Estates Subd.

Date: 9/23/2010

Estimator: Raul E. Sesin, PE, CFM

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS



BASE BID					
Item	Description	Qty.	Unit	Unit Cost	Total
1	18" RCP CL III RJ STORM DRAIN PIPE	570	LF	\$30.00	\$17,100.00
2	24" RCP CL III RJ STORM DRAIN PIPE	1,980	LF	\$40.00	\$79,200.00
3	30" RCP CL III RJ STORM DRAIN PIPE	700	LF	\$50.00	\$35,000.00
4	36" RCP CL III RJ STORM DRAIN PIPE	1,300	LF	\$65.00	\$84,500.00
5	TYPE "CC" GRATED INLET	18	EA	\$3,000.00	\$54,000.00
6	60" STORM MANHOLE	10	EA	\$3,000.00	\$30,000.00
7	15' WIDE ASPHALT OPEN-CUT, PATCH, & REPAIR AT INTERNAL SUBDIVISION ROAD	206	SY	\$30.00	\$6,180.00
8	36" ENDWALL	1	EA	\$3,500.00	\$3,500.00
9	TRAFFIC CONTROL	1	LS	\$3,000.00	\$3,000.00
10	TRENCH PROTECTION	4,550	LF	\$1.50	\$6,825.00
11	TEMPORARY SEDIMENT CONTROL FENCE	1	LS	\$2,000.00	\$2,000.00
12	UTILITY ADJUSTMENTS	1	LS	\$5,000.00	\$5,000.00
				SUBTOTAL:	\$326,305.00
				CONTINGENCY & MATERIAL TESTING (10%):	\$32,630.50
				BASE BID TOTAL:	\$358,935.50

COMMISSIONER OSCAR L. GARZA, Jr.

Hidalgo County Precinct No. 4

Project: PHASE III DRAINAGE IMPROVEMENTS PROJECTS

Project #:

**Location: VARIOUS LOCATIONS THROUGH OUT
HIDALGO COUNTY PRECINCT No. 4**



Date: 10/7/2010

Estimator: Raul E. Sesin, PE, CFM

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

OWASSA ACRES SUBDIVISION					
Item	Description	Qty.	Unit	Unit Cost	Total
1	18" RCP CL III RJ STORM DRAIN PIPE	1,222	LF	\$30.00	\$36,660.00
2	24" RCP CL III RJ STORM DRAIN PIPE	660	LF	\$40.00	\$26,400.00
3	SWALE EXCAVATION	1,500	LF	\$2.50	\$3,750.00
4	TYPE "CC" GRATED INLET	5	EA	\$3,000.00	\$15,000.00
5	60" STORM MANHOLE	2	EA	\$3,000.00	\$6,000.00
6	15' WIDE ASPHALT OPEN-CUT, PATCH, & REPAIR AT INTERNAL SUBDIVISION ROAD	102	SY	\$30.00	\$3,060.00
7	24" ENDWALL	1	EA	\$2,500.00	\$2,500.00
8	TRAFFIC CONTROL	1	LS	\$3,000.00	\$3,000.00
9	TRENCH PROTECTION	1,882	LF	\$1.50	\$2,823.00
10	TEMPORARY SEDIMENT CONTROL FENCE	1	LS	\$2,000.00	\$2,000.00
11	UTILITY ADJUSTMENTS	1	LS	\$5,000.00	\$5,000.00
				SUBTOTAL:	\$106,193.00
				CONTINGENCY & MATERIAL TESTING (10%):	\$10,619.30
				TOTAL:	\$116,812.30

OWASSA RD BETWEEN CESAR CHAVEZ AND ALAMO RD					
Item	Description	Qty.	Unit	Unit Cost	Total
1	18" RCP CL III RJ STORM DRAIN PIPE	2,640	LF	\$30.00	\$79,200.00
2	24" RCP CL III RJ STORM DRAIN PIPE	2,640	LF	\$40.00	\$105,600.00
3	36" RCP CL III RJ STORM DRAIN PIPE	1,320	LF	\$65.00	\$85,800.00
4	SWALE EXCAVATION/ ROADSIDE GRADING	3,000	LF	\$2.50	\$7,500.00
5	TYPE "CC" GRATED INLET	20	EA	\$3,000.00	\$60,000.00
6	60" STORM MANHOLE	10	EA	\$3,000.00	\$30,000.00
7	15' WIDE ASPHALT OPEN-CUT, PATCH, & REPAIR	1500	SY	\$30.00	\$45,000.00
8	30" ENDWALL	1	EA	\$3,000.00	\$3,000.00
9	TRAFFIC CONTROL	1	LS	\$3,000.00	\$3,000.00

COMMISSIONER OSCAR L. GARZA, Jr.

Hidalgo County Precinct No. 4

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Date: 10/7/2010

Estimator: Raul E. Sesin, PE, CFM

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

10	TRENCH PROTECTION	6,600	LF	\$1.50	\$9,900.00
11	TEMPORARY SEDIMENT CONTROL FENCE	1	LS	\$2,000.00	\$2,000.00
12	UTILITY ADJUSTMENTS	1	LS	\$5,000.00	\$5,000.00
				SUBTOTAL:	\$436,000.00
				CONTINGENCY & MATERIAL TESTING (10%):	\$43,600.00
				TOTAL:	\$479,600.00

LOS TINACOS SUBDIVISION					
Item	Description	Qty.	Unit	Unit Cost	Total
1	18" RCP CL III RJ STORM DRAIN PIPE	600	LF	\$30.00	\$18,000.00
2	24" RCP CL III RJ STORM DRAIN PIPE	1,200	LF	\$40.00	\$48,000.00
3	TYPE "CC" GRATED INLET	8	EA	\$3,000.00	\$24,000.00
4	SWALE EXCAVATION/ ROADSIDE GRADING	1,200	LF	\$2.50	\$3,000.00
5	15' WIDE ASPHALT OPEN-CUT, PATCH, & REPAIR	150	SY	\$30.00	\$4,500.00
6	TRAFFIC CONTROL	1	LS	\$3,000.00	\$3,000.00
7	TRENCH PROTECTION	1,800	LF	\$1.50	\$2,700.00
8	TEMPORARY SEDIMENT CONTROL FENCE	1	LS	\$2,000.00	\$2,000.00
9	UTILITY ADJUSTMENTS	1	LS	\$5,000.00	\$5,000.00
				SUBTOTAL:	\$110,200.00
				CONTINGENCY & MATERIAL TESTING (10%):	\$11,020.00
				TOTAL:	\$121,220.00

TOWER HEIGHTS, BANDERA ESTATES AND FOUR QUEENS SUBDIVISIONS					
Item	Description	Qty.	Unit	Unit Cost	Total
1	18" RCP CL III RJ STORM DRAIN PIPE	1,720	LF	\$30.00	\$51,600.00
2	24" RCP CL III RJ STORM DRAIN PIPE	940	LF	\$40.00	\$37,600.00
3	30" RCP CL III RJ STORM DRAIN PIPE	570	LF	\$55.00	\$31,350.00
4	36" RCP CL III RJ STORM DRAIN PIPE	385	LF	\$65.00	\$25,025.00
5	42" RCP CL III RJ STORM DRAIN PIPE	490	LF	\$75.00	\$36,750.00
6	48" RCP CL III RJ STORM DRAIN PIPE	930	LF	\$90.00	\$83,700.00

COMMISSIONER OSCAR L. GARZA, Jr.

Hidalgo County Precinct No. 4

Project: PHASE III DRAINAGE IMPROVEMENTS PROJECTS

Project #:

**Location: VARIOUS LOCATIONS THROUGH OUT
HIDALGO COUNTY PRECINCT No. 4**



Date: 10/7/2010

Estimator: Raul E. Sesein, PE, CFM

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

7	TYPE "CC" GRATED INLET	19	EA	\$3,000.00	\$57,000.00
8	60" STORM MANHOLE	4	EA	\$3,000.00	\$12,000.00
9	48" ENDWALL	1	EA	\$5,000.00	\$5,000.00
10	DRIVEWAY RESTORATION	20	EA	\$1,200.00	\$24,000.00
11	SWALE EXCAVATION/ ROADSIDE GRADING	5,400	LF	\$2.50	\$13,500.00
12	15' WIDE ASPHALT OPEN-CUT, PATCH, & REPAIR	400	SY	\$30.00	\$12,000.00
13	TRAFFIC CONTROL	1	LS	\$5,000.00	\$5,000.00
14	TRENCH PROTECTION	5,035	LF	\$1.50	\$7,552.50
15	TEMPORARY SEDIMENT CONTROL FENCE	1	LS	\$3,500.00	\$3,500.00
16	UTILITY ADJUSTMENTS	1	LS	\$5,000.00	\$5,000.00
				SUBTOTAL:	\$410,577.50
				CONTINGENCY & MATERIAL TESTING (10%):	\$41,057.75
				TOTAL:	\$451,635.25

HOEHN DRIVE SUBDIVISION					
Item	Description	Qty.	Unit	Unit Cost	Total
1	18" RCP CL III RJ STORM DRAIN PIPE	150	LF	\$30.00	\$4,500.00
2	42" RCP CL III RJ STORM DRAIN PIPE	2,930	LF	\$75.00	\$219,750.00
3	48" RCP CL III RJ STORM DRAIN PIPE	100	LF	\$90.00	\$9,000.00
4	42" ENDWALL	1	EA	\$4,000.00	\$4,000.00
5	48" ENDWALL	2	EA	\$5,000.00	\$10,000.00
6	TYPE "CC" GRATED INLET	6	EA	\$3,000.00	\$18,000.00
7	60" STORM MANHOLE	6	EA	\$3,000.00	\$18,000.00
8	DOWN DRAIN AT MONMACK ROAD	2	EA	\$2,000.00	\$4,000.00
9	DRIVEWAY RESTORATION	6	EA	\$1,200.00	\$7,200.00
10	DRAIN DITCH RE-EXCAVATION	7,750	LF	\$20.00	\$155,000.00
11	SWALE EXCAVATION/ ROADSIDE GRADING	3,200	LF	\$2.50	\$8,000.00
12	15' WIDE ASPHALT OPEN-CUT, PATCH, & REPAIR	3399	SY	\$30.00	\$101,970.00

COMMISSIONER OSCAR L. GARZA, Jr.

Hidalgo County Precinct No. 4

Project: PHASE III DRAINAGE IMPROVEMENTS PROJECTS

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HIDALGO COUNTY PRECINCT No. 4**



Date: 10/7/2010

Estimator: Raul E. Sesin, PE, CFM

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

13	TRAFFIC CONTROL	1	LS	\$7,500.00	\$7,500.00
14	TRENCH PROTECTION	3,180	LF	\$1.50	\$4,770.00
15	TEMPORARY SEDIMENT CONTROL FENCE	1	LS	\$3,500.00	\$3,500.00
16	UTILITY ADJUSTMENTS	1	LS	\$10,000.00	\$10,000.00
				SUBTOTAL:	\$585,190.00
				CONTINGENCY & MATERIAL TESTING (10%):	\$58,519.00
				TOTAL:	\$643,709.00

SOUTH SAN CARLOS, RUTHVEN No. 2, COLONIA TEJANA AND PORSALDO SUBDIVISIONS

Item	Description	Qty.	Unit	Unit Cost	Total
1	18" RCP CL III RJ STORM DRAIN PIPE	2,500	LF	\$30.00	\$75,000.00
2	24" RCP CL III RJ STORM DRAIN PIPE	1,000	LF	\$40.00	\$40,000.00
3	30" RCP CL III RJ STORM DRAIN PIPE	500	LF	\$50.00	\$25,000.00
4	30" ENDWALL	1	EA	\$3,000.00	\$3,000.00
5	TYPE "CC" GRATED INLET	20	EA	\$3,000.00	\$60,000.00
6	60" STORM MANHOLE	8	EA	\$3,000.00	\$24,000.00
7	DRIVEWAY RESTORATION	1	EA	\$1,200.00	\$1,200.00
8	DRAIN DITCH RE-EXCAVATION	2,500	LF	\$20.00	\$50,000.00
9	15' WIDE ASPHALT OPEN-CUT, PATCH, & REPAIR	150	SY	\$30.00	\$4,500.00
10	TRAFFIC CONTROL	1	LS	\$3,500.00	\$3,500.00
11	TRENCH PROTECTION	4,000	LF	\$1.50	\$6,000.00
12	TEMPORARY SEDIMENT CONTROL FENCE	1	LS	\$3,500.00	\$3,500.00
13	UTILITY ADJUSTMENTS	1	LS	\$5,000.00	\$5,000.00
				SUBTOTAL:	\$300,700.00
				CONTINGENCY & MATERIAL TESTING (10%):	\$30,070.00
				TOTAL:	\$330,770.00

ALAMO BRISAS SUBDIVISION

Item	Description	Qty.	Unit	Unit Cost	Total
1	18" RCP CL III RJ STORM DRAIN PIPE	2,385	LF	\$30.00	\$71,550.00
2	24" RCP CL III RJ STORM DRAIN PIPE	1,086	LF	\$40.00	\$43,440.00

COMMISSIONER OSCAR L. GARZA, Jr.

Hidalgo County Precinct No. 4

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Project #:

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HIDALGO COUNTY PRECINCT No. 4**



Date: 10/7/2010

Estimator: Raul E. Sesin, PE, CFM

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

3	30" RCP CL III RJ STORM DRAIN PIPE	467	LF	\$50.00	\$23,350.00
4	36" RCP CL III RJ STORM DRAIN PIPE	1,802	LF	\$65.00	\$117,130.00
5	36" ENDWALL	1	EA	\$3,500.00	\$3,500.00
6	TYPE "CC" GRATED INLET	21	EA	\$3,000.00	\$63,000.00
7	60" STORM MANHOLE	5	EA	\$3,000.00	\$15,000.00
8	DRIVEWAY RESTORATION	26	EA	\$1,200.00	\$31,200.00
9	15' WIDE ASPHALT OPEN-CUT, PATCH, & REPAIR	275	SY	\$30.00	\$8,250.00
10	TRAFFIC CONTROL	1	LS	\$3,500.00	\$3,500.00
11	TRENCH PROTECTION	5,740	LF	\$1.50	\$8,610.00
12	TEMPORARY SEDIMENT CONTROL FENCE	1	LS	\$3,500.00	\$3,500.00
13	UTILITY ADJUSTMENTS	1	LS	\$5,000.00	\$5,000.00
				SUBTOTAL:	\$397,030.00
				CONTINGENCY & MATERIAL TESTING (10%):	\$39,703.00
				TOTAL:	\$436,733.00

GRAND TOTAL FOR ALL PHASE III LOCATIONS: \$2,580,479.55