

City of Angleton
Henderson Road Reconstruction

SCHEDULE OF ITEMS

		Recapitulation				
		SH 288B to Valderas				\$1,167,894.00
		Valderas to Downing Road				\$4,574,401.00
		Downing Road to Buchta				\$6,019,617.50
		Buchta to SH 35				\$2,705,053.00
		Acquire, design and construct off site pond				\$500,000.00
		GRAND TOTAL				\$14,966,965.50

Project must be constructed in following order:

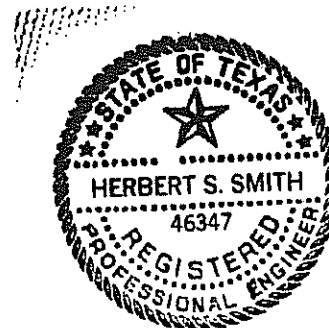
Buchta - Downing - Valderas - SH 288B to maintain integrity of Rancho and other drainage systems

Buchta to SH 35 can be constructed out of sequence.

All quantities are very preliminary. For storm sewer we used the peak flow rates for the Ditch 13 Study (1999 Baker & Lawson, Inc. Angleton Drainage District Client)



Herbert S Smith, P.E.
10 November 2008



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ITEM NO.	SPEC. NO.	ITEM DESCRIPTION	UNIT	QTY.	UNIT PRICE IN FIGURES	EXTENSION
		SH 288B to Valderas				
1	1	Clear Right of Way	STA	13.0	\$750.00	\$9,750.00
2	4	Street and Roadway Excavation	C.Y.	2,300.0	\$5.00	\$11,500.00
3	14	Remove Existing Concrete Pavement	S.Y.	4,050.0	\$10.00	\$40,500.00
4	14	Remove Miscellaneous Structures	EA	5.0	\$1,000.00	\$5,000.00
5	30	Lime Treated Subgrade	S.Y.	7,520.0	\$2.50	\$18,800.00
6	30	Lime (7% by Weight)	TONS	118.0	\$150.00	\$17,700.00
7	70	Concrete Pavement (7" Depth)	S.Y.	7,000.0	\$35.00	\$245,000.00
8	71	Curb	L.F.	2,600.0	\$2.75	\$7,150.00
9	74	Concrete Sidewalks	S.Y.	1,500.0	\$25.00	\$37,500.00
10	74	Concrete Drives	S.Y.	500.0	\$38.00	\$19,000.00
11	79	Handrails	LS	1.0	\$2,000.00	\$2,000.00
12	84	Junction Boxes	EA	4.0	\$3,000.00	\$12,000.00
13	85	TY C Inlet L = 10'	EA	8.0	\$5,000.00	\$40,000.00
14	90	24" Storm Sewer	LF	200.0	\$50.00	\$10,000.00

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15	90	48" Storm Sewer	L.F.	1,000.0	\$150.00	\$150,000.00
16	93	Well Pointing	L.F.	800.0	\$25.00	\$20,000.00
17	111	Adjust Water and Sewer as Needed	LS	10.0	\$2,500.00	\$25,000.00
18	204	Thermoplastic Striping (ALL)	L.S.	1.0	\$4,900.00	\$4,900.00
19	210	Hydro Mulch	ACRE	0.5	\$800.00	\$400.00
20	400	Deep Trench	L.F.	1,000.00	\$5.00	\$5,000.00
21	501	Traffic Control	L.S.	1.0	\$55,000.00	\$55,000.00
22	1000	General Conditions	L.S.	1.0	\$35,000.00	\$35,000.00
23	2000	SW3P	L.S.	1.0	\$10,000.00	\$10,000.00
		Subtotal				\$781,200.00
		Contingencies (30%)				\$234,360.00
		Engineering and Surveying				\$152,334.00
		TOTAL				\$1,167,894.00
		Valderas to Downing				
1	1	Clear Right of Way	STA	31.5	\$750.00	\$23,625.00
2	4	Street and Roadway Excavation	C.Y.	6,500.0	\$5.00	\$32,500.00
3	14	Remove Existing Concrete Pavement	S.Y.	9,800.0	\$10.00	\$98,000.00

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4	14	Remove Miscellaneous Structures	EA	10.0	\$1,000.00	\$10,000.00
5	30	Lime Treated Subgrade	S.Y.	17,500.0	\$2.50	\$43,750.00
6	30	Lime (7% by Weight)	TONS	276.0	\$150.00	\$41,400.00
7	70	Concrete Pavement (7" Depth)	S.Y.	16,800.0	\$35.00	\$588,000.00
8	71	Curb	L.F.	6,300.0	\$2.75	\$17,325.00
9	74	Concrete Sidewalks	S.Y.	3,500.0	\$25.00	\$87,500.00
10	74	Concrete Drives	S.Y.	1,500.0	\$38.00	\$57,000.00
11	79	Handrails	LS	1.0	\$2,000.00	\$2,000.00
12	84	Junction Boxes	EA	6.0	\$10,000.00	\$60,000.00
13	85	TY C Inlet L = 10'	EA	16.0	\$5,000.00	\$80,000.00
14	90	24" Storm Sewer	LF	400.0	\$50.00	\$20,000.00
15	90	60" Storm Sewer	L.F.	1,500.0	\$200.00	\$300,000.00
16	90	8' x 7' Box Culverts	L.F.	600.0	\$600.00	\$360,000.00
17	90	10' x 8' Box Culverts	L.F.	500.0	\$800.00	\$400,000.00
18	90	10' x 10' Box Culverts	L.F.	500.0	\$1,000.00	\$500,000.00
19	93	Well Pointing	L.F.	3,100.0	\$25.00	\$77,500.00
20	111	Adjust Water and Sewer as Needed	LS	25.0	\$2,500.00	\$62,500.00

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21	204	Thermoplastic Striping (ALL)	L.S.	1.0	\$12,000.00	\$12,000.00
19	210	Hydro Mulch	ACRE	1.5	\$800.00	\$1,200.00
20	400	Deep Trench	L.F.	3,100.00	\$5.00	\$15,500.00
21	501	Traffic Control	L.S.	1.0	\$85,000.00	\$85,000.00
22	1000	General Conditions	L.S.	1.0	\$65,000.00	\$65,000.00
23	2000	SW3P	L.S.	1.0	\$20,000.00	\$20,000.00
		Subtotal				\$3,059,800.00
		Contingencies (30%)				\$917,940.00
		Engineering and Surveying				\$596,661.00
		TOTAL				\$4,574,401.00
		Downing to Buchta				
1	1	Clear Right of Way	STA	27.5	\$750.00	\$20,625.00
2	4	Street and Roadway Excavation	C.Y.	5,100.0	\$5.00	\$25,500.00
3	14	Remove Existing HMAc Pavement	S.Y.	7,200.0	\$5.00	\$36,000.00
4	14	Remove Miscellaneous Structures	EA	8.0	\$1,000.00	\$8,000.00
5	30	Lime Treated Subgrade	S.Y.	16,000.0	\$2.50	\$40,000.00
6	30	Lime (7% by Weight)	TONS	250.0	\$150.00	\$37,500.00

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7	70	Concrete Pavement (7" Depth)	S.Y.	14,800.0	\$35.00	\$518,000.00
8	71	Curb	L.F.	5,500.0	\$2.75	\$15,125.00
9	74	Concrete Sidewalks	S.Y.	3,050.0	\$25.00	\$76,250.00
10	74	Concrete Drives	S.Y.	1,100.0	\$38.00	\$41,800.00
11	79	Handrails	LS	1.0	\$2,000.00	\$2,000.00
12	84	Junction Boxes	EA	5.0	\$20,000.00	\$100,000.00
13	85	TY C Inlet L = 10'	EA	12.0	\$5,000.00	\$60,000.00
18	90	10' x 10' Box Culverts	L.F.	2,750.0	\$1,000.00	\$2,750,000.00
19	93	Well Pointing	L.F.	2,750.0	\$25.00	\$68,750.00
20	111	Adjust Water and Sewer as Needed	LS	20.0	\$2,500.00	\$50,000.00
21	204	Thermoplastic Striping (ALL)	L.S.	1.0	\$12,000.00	\$12,000.00
19	210	Hydro Mulch	ACRE	1.5	\$800.00	\$1,200.00
20	400	Deep Trench	L.F.	2,750.00	\$5.00	\$13,750.00
21	501	Traffic Control	L.S.	1.0	\$75,000.00	\$75,000.00
22	1000	General Conditions	L.S.	1.0	\$55,000.00	\$55,000.00
23	2000	SW3P	L.S.	1.0	\$20,000.00	\$20,000.00
		Subtotal				\$4,026,500.00

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		Contingencies (30%)				\$1,207,950.00
		Engineering and Surveying				\$785,167.50
		TOTAL				\$6,019,617.50
		Buchta to SH 35				
1	1	Clear Right of Way	STA	29.5	\$750.00	\$22,125.00
2	4	Street and Roadway Excavation	C.Y.	5,500.0	\$5.00	\$27,500.00
3	14	Remove Existing HMAc Pavement	S.Y.	8,000.0	\$5.00	\$40,000.00
4	14	Remove Miscellaneous Structures	EA	10.0	\$1,000.00	\$10,000.00
5	30	Lime Treated Subgrade	S.Y.	16,500.0	\$2.50	\$41,250.00
6	30	Lime (7% by Weight)	TONS	260.0	\$150.00	\$39,000.00
7	70	Concrete Pavement (7" Depth)	S.Y.	15,800.0	\$35.00	\$553,000.00
8	71	Curb	L.F.	5,900.0	\$2.75	\$16,225.00
9	74	Concrete Sidewalks	S.Y.	3,300.0	\$25.00	\$82,500.00
10	74	Concrete Drives	S.Y.	1,000.0	\$38.00	\$38,000.00
11	79	Handrails	LS	1.0	\$2,000.00	\$2,000.00
12	84	Junction Boxes	EA	5.0	\$3,000.00	\$15,000.00
13	85	TY C Inlet L = 10'	EA	16.0	\$5,000.00	\$80,000.00

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14	90	24" Storm Sewer	LF	400.0	\$50.00	\$20,000.00
15	90	48" Storm Sewer	L.F.	1,000.0	\$150.00	\$150,000.00
16	90	60" Storm Sewer	L.F.	1,000.0	\$200.00	\$200,000.00
17	90	72" Storm Sewer	L.F.	950.0	\$250.00	\$237,500.00
17	93	Well Pointing	L.F.	2,000.0	\$25.00	\$50,000.00
17	111	Adjust Water and Sewer as Needed	LS	10.0	\$2,500.00	\$25,000.00
18	204	Thermoplastic Striping (ALL)	L.S.	1.0	\$4,900.00	\$4,900.00
19	210	Hydro Mulch	ACRE	0.5	\$800.00	\$400.00
20	400	Deep Trench	L.F.	1,000.00	\$5.00	\$5,000.00
21	501	Traffic Control	L.S.	1.0	\$75,000.00	\$75,000.00
22	1000	General Conditions	L.S.	1.0	\$55,000.00	\$55,000.00
23	2000	SW3P	L.S.	1.0	\$20,000.00	\$20,000.00
		Subtotal				\$1,809,400.00
		Contingencies (30%)				\$542,820.00
		Engineering and Surveying				\$352,833.00
		TOTAL				\$2,705,053.00