

NITTLER & MILE 9
ROADWAY RECONSTRUCTION
HIDALGO COUNTY PCT. 1

EXHIBIT D-1

SERVICE TYPE	DESCRIPTION	NITTLER	MILE 9	TOTAL
BASIC				
	ROADWAY DESIGN CONTROLS	\$ 50,977.00	\$ 29,789.00	\$ 80,766.00
	MISCELLANEOUS (ROADWAY)	\$ 28,452.00	\$ 16,730.00	\$ 45,182.00
	SIGNING, PAVEMENT AND SIGNALIZATION	\$ 11,540.00	\$ 6,506.00	\$ 18,046.00
	CONSTRUCTION SUPPORT	\$ 22,806.00	\$ 13,019.00	\$ 35,825.00
TOTAL BASIC SERVICE		\$ 113,775.00	\$ 66,044.00	\$ 179,819.00
SPECIAL SERVICES				
	FIELD SURVEYING	\$ 42,966.00	\$ 24,592.00	\$ 67,558.00
	GRAND TOTAL	\$ 156,741.00	\$ 90,636.00	\$ 247,377.00

TASK DESCRIPTION	Sr. Project Manager	Project Manager	Senior Engineer	Project Engineer	Engineer	Sr. Design Engineer	Engineering Designer	CADD Operator	Secretary	Total Labor Hrs.	Fee
ROADWAY DESIGN CONTROLS											
1. Develop Typical Sections	7	11	2	20	3	23	34	28	6	134	\$ 10,112
2. Prepare plan and profile sheets as required for reconstruction.	15	26	5	46	8	51	77	64	13	305	\$ 23,026
3. Develop plan and profiles for inclusion in sheets.	5	9	2	15	3	17	26	21	4	102	\$ 7,727
4. Determine roadway quantities and prepare quantity summary sheet.	7	11	2	20	3	23	34	28	6	134	\$ 10,112
MISCELLANEOUS (ROADWAY)											
1. Develop Miscellaneous Roadway Details.	4	6	1	11	2	13	19	16	3	75	\$ 5,660
2. Prepare Title Sheet and Index sheets.	2	3	1	6	1	6	9	8	2	38	\$ 2,871
3. Calculate project quantities and prepare quantity summary sheet.	5	8	2	14	2	16	24	20	4	95	\$ 7,199
4. Prepare general notes.	4	7	1	12	2	14	21	17	3	81	\$ 6,122
6. Prepare list of Standard Drawings to be included in the plans.	3	5	1	9	1	9	14	12	2	56	\$ 4,276
7. Upon completion of the review of the final plans by Hidalgo County Pct. No. 1, the ENGINEER shall assemble and furnish signed original (11" x 17")	1	2	0	3	0	3	5	4	1	19	\$ 1,442
8. Coordinate with Pct 1 and other agencies as necessary.	1	1	0	2	0	2	3	2	0	11	\$ 882
SIGNING, PAVEMENT AND SIGNALIZATION											
1. Signing, Pavement & Signalization	8	13	3	23	4	26	36	32	6	152	\$ 11,540
CONSTRUCTION SUPPORT											
1. Prepare Bid Documents	1	2	0	4	1	4	6	5	1	24	\$ 1,794
2. Attend and Coordinate Pre-bid Conference	1	1	0	2	0	3	4	3	1	15	\$ 1,119
3. Evaluate Bids	1	2	0	3	1	4	5	4	1	21	\$ 1,582
4. Make Award Recommendation	1	1	0	2	0	2	3	3	1	13	\$ 980
5. Assist County with preparation of Contract Documents.	2	3	1	5	1	6	8	7	1	34	\$ 2,622
6. Attend Pre-construction Conference upon request by County.	1	2	0	3	0	3	5	4	1	19	\$ 1,442
7. Respond to Request for Information (RFI) from Contractor	3	5	1	9	2	10	15	13	3	61	\$ 4,578
8. Review Pay Requests	3	6	1	10	2	12	17	14	3	68	\$ 5,114
9. Preparation of Change Orders	0	1	0	1	0	1	2	1	0	6	\$ 462
10. Final Site Visit	1	1	0	2	0	3	4	3	1	15	\$ 1,119
11. Record Drawings	1	2	0	4	1	5	7	6	1	27	\$ 1,994
SPECIAL SERVICES											
<i>FIELD SURVEYING Miller & Mfg 9 (LUMP SUM)</i>											\$ 42,966
HOURS TOTAL	77	128	23	226	37	255	380	315	64	1,505	
LABOR RATE PER HOUR	\$ 133.79	\$ 111.13	\$ 96.90	\$ 86.29	\$ 65.57	\$ 73.97	\$ 64.84	\$ 61.01	\$ 37.03		
TOTAL DIRECT LABOR COSTS	\$ 10,302	\$ 14,225	\$ 2,229	\$ 19,502	\$ 2,426	\$ 18,862	\$ 24,639	\$ 19,219	\$ 2,370	\$ 113,774	
TOTAL DIRECT LABOR COST											\$ 156,741

TASK DESCRIPTION	Sr. Project Manager	Project Manager	Senior Engineer	Project Engineer	Engineer	Sr. Design Engineer	Engineering Designer	CADD Operator	Secretary	Total Labor Hrs.	Fee
ROADWAY DESIGN CONTROLS											
1. Develop Typical Sections	4	7	1	12	2	13	20	17	3	79	\$ 5,983
2. Prepare plan and profile sheets as required for reconstruction.	9	15	3	27	4	30	45	37	7	177	\$ 13,408
3. Develop plan and profiles for inclusion in sheets.	3	5	1	9	1	10	15	12	2	58	\$ 4,415
4. Determine roadway quantities and prepare quantity summary sheet.	4	7	1	12	2	13	20	17	3	79	\$ 5,983
MISCELLANEOUS (ROADWAY)											
1. Develop Miscellaneous Roadway Details.	2	4	1	7	1	7	11	9	2	44	\$ 3,333
2. Prepare Title Sheet and Index sheets.	1	2	0	3	1	4	6	5	1	23	\$ 1,708
3. Calculate project quantities and prepare quantity summary sheet.	3	5	1	8	1	9	14	12	2	55	\$ 4,190
4. Prepare general notes.	2	4	1	7	1	8	12	10	2	47	\$ 3,533
6. Prepare list of Standard Drawings to be included in the plans.	2	3	1	5	1	6	8	7	1	34	\$ 2,622
7. Upon completion of the review of the final plans by Hidalgo County Pct. No. 1, the ENGINEER shall assemble and furnish signed original (11" x 17")	1	1	0	2	0	2	3	2	0	11	\$ 882
8. Coordinate with Pct 1 and other agencies as necessary.	0	1	0	1	0	1	2	1	0	6	\$ 462
SIGNING, PAVEMENT AND SIGNALIZATION											
1. Signing, Pavement & Signalization	4	7	1	13	2	15	22	19	4	87	\$ 6,506
CONSTRUCTION SUPPORT											
1. Prepare Bid Documents	1	1	0	2	0	2	4	3	1	14	\$ 1,045
2. Attend and Coordinate Pre-bid Conference	0	1	0	1	0	1	2	2	0	7	\$ 523
3. Evaluate Bids	1	1	0	2	0	2	3	3	1	13	\$ 980
4. Make Award Recommendation	0	1	0	1	0	1	2	1	0	6	\$ 462
5. Assist County with preparation of Contract Documents.	1	2	0	3	0	3	5	4	1	19	\$ 1,442
6. Attend Pre-construction Conference upon request by County.	1	1	0	2	0	2	3	2	0	11	\$ 882
7. Respond to Request for Information (RFI) from Contractor	2	3	1	5	1	6	9	7	1	35	\$ 2,686
8. Review Pay Requests	2	3	1	6	1	7	10	9	2	41	\$ 3,071
9. Preparation of Change Orders	0	0	0	1	0	1	1	1	0	4	\$ 286
10. Final Site Visit	0	1	0	1	0	1	2	2	0	7	\$ 523
11. Record Drawings	1	1	0	2	0	3	4	3	1	15	\$ 1,119
SPECIAL SERVICES											
<i>FIELD SURVEYING Miller & Mile 9 (LUMP SUM)</i>											
HOURS TOTAL	44	76	13	132	18	147	223	185	34	872	
LABOR RATE PER HOUR	\$ 133.79	\$ 111.13	\$ 96.90	\$ 86.29	\$ 65.57	\$ 73.97	\$ 64.84	\$ 61.01	\$ 37.03		
TOTAL DIRECT LABOR COSTS	\$ 5,887	\$ 8,446	\$ 1,260	\$ 11,391	\$ 1,180	\$ 10,873	\$ 14,459	\$ 11,287	\$ 1,259	\$ 66,043	
TOTAL DIRECT LABOR COST											\$ 90,636