

EXHIBIT D-1
ESTIMATED MAN-HOUR BREAKDOWN

VETERANS BOULEVARD PROJECT
(from Abram Road to La Homa Road (SH 364))

	MANHOURS							TOTAL HOURS	Sub-Contract Amounts / ROW COST	TOTAL LINE ITEM COST
	Senior Project Manager	Senior Engineer	Senior Environmental Scientist /Specialist	Project Engineer	Senior Engineer Tech	CADD Operator / GIS Analyst	Admin / Clerical			
CONTRACT RATE	218.04	180.66	152.63	133.94	93.45	68.53	62.30			
WORK AUTHORIZATION NO. 1										
PHASE I - EA, PUBLIC INVOLVEMENT, SCHEMATIC, HYDROLOGIC DESIGN										
1 Environmental Assessment with TxDOT	100		460	300		84	191	1135		\$ 149,850.00
2 Public Involvement with stakeholders and 1 Public Meeting	60		84	82		61	9	296		\$ 41,625.00
3 Archeological and Historical Research (See Page 2 & 3 of 3 for Sub Cost)	60		90	44	15	19	20	248	\$ 28,343.20	\$ 36,656.80
4 Engineering Technical Support at Public Meetings with Layouts, etc.	40		61	59		64	19	243		\$ 31,500.00
5 Schematic for Roadway	100	100	38	322	400	300	37	1297		\$ 149,040.00
6 Hydrological Map for Outfall Drain Ditch	20	45	22	160	195	146	8	596		\$ 66,000.00
7 Schematics for Outfall Ditches	82	100	39	191	220	160		792		\$ 99,000.00
8 Schematic Design for Siphon with Steel Pipe Bypass for Irrigation District	60	20	10	46	59	39	7	241		\$ 33,000.00
9 Office Surveys for Schematic	40	20	14	100	82	89	6	351		\$ 42,000.00
10 Preliminary Compensable Utility Identification on Schematic	30	20	10	119	161	160	6	506		\$ 54,000.00
11 Update Schematic based on comments as provided by TxDOT/FHWA	20	10	6	102	169	160	8	475		\$ 48,000.00
12 Engineering Technical Support at Public Hearing with Layouts, etc.	20	20	51	33		33	1	158		\$ 22,500.00
13 Public Involvement for 1 Public Hearing	60	20	80	60		62	7	289		\$ 41,625.00
SUB-TOTAL	692	355	965	1618	1301	1377	319	6627	\$ 28,343.20	\$ 814,796.80

Sub-Total Manhours Fee with Subconsultant Fee:	\$ 843,140.00
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TOTAL PROJECT FEE:	\$ 843,140.00
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