

**Client:** Collin County, Texas  
**Project:** County Road 5 - Frontier Parkway Improvements  
 Dallas North Tollway to State Highway 5 (Collin County Schematic)  
 Engineering Fee Proposal (Hourly Rates)

### MAN-HOUR ESTIMATE

#### Additional Services

Phase	Description	Rate/Hour	Multiplier	Hours	Cost
1	Field Surveys	\$155.00	1.0	248	\$38,440.00
	Field Survey Mileage @ \$0.54 & Tolls	\$1,340.00	1.0		\$1,340.00
	Field Survey Supplies	\$60.00	1.0		\$60.00
	Total Field Surveys				\$39,840.00
2	ROW Map, Plats & Field Notes (16 Parcels)	Rate/Hour	Multiplier	Hours	
	Project Manager & R.P.L.S.	\$99.02	2.35	40	\$9,307.88
	Design Engineer	\$63.75	2.35	32	\$4,794.00
	Engineer in Training	\$41.29	2.35	10	\$970.32
	Senior AutoCAD Technician	\$62.36	2.35	128	\$18,757.89
	AutoCAD Technician	\$51.58	2.35	64	\$7,757.63
	Clerical	\$48.32	2.35	32	\$3,633.66
	Cost for Obtaining Deed Copies	\$90.00	1.0		\$90.00
	Printing Cost	\$239.00	1.0		\$239.00
	Postage & Deliveries	\$50.00	1.0		\$50.00
	Deduct Per Discussions	-\$16,000.00	1.0		-\$16,000.00
	Total ROW, Plats & Field Notes				\$29,600.00
	3	Geotechnical Investigation Sub-Consultant		1.0	
Project Manager (Coordinate & Review)		\$99.02	2.35	6	\$1,396.18
Printing Cost		\$50.00	1.0		\$50.00
Postage		\$14.00	1.0		\$14.00
Total Geotechnical Investigation					\$40,700.00
4	Flood Study	Rate/Hour	Multiplier	Hours	
	Project Manager	\$99.02	2.35	96	\$22,338.91
	Design Engineer	\$63.75	2.35	24	\$3,595.50
	Engineer in Training	\$41.29	2.35	0	\$0.00
	Senior AutoCAD Technician	\$62.36	2.35	16	\$2,344.74
	AutoCAD Technician	\$51.58	2.35	8	\$969.70
	Clerical	\$48.32	2.35	4	\$454.21
	Obtain NCTCOG Aerial Images & Contours	\$825.00	1.0		\$825.00
	Postage & Deliveries	\$68.00	1.0		\$68.00
	Printing & Binding	\$204.00	1.0		\$204.00
	Deduct Per Discussions	-\$6,000.00	1.0		-\$6,000.00
	Total ROW, Plats & Field Notes				\$24,800.00
	5	NCTCOG Environmental Checklist	Rate/Hour	Multiplier	Hours
Sub-consultant			1.0		\$22,749.00
Project Manager (Coordinate & Review)		\$99.02	2.35	12	\$2,792.36
Senior AutoCAD Technician (Exhibits)		\$62.36	2.35	6	\$879.28
Clerical		\$48.32	2.35	6	\$681.31
Postage & Deliveries		\$25.00	1.0		\$25.00
Printing & Binding		\$73.00	1.0		\$73.00
Total NCTCOG ENV Checklist				\$27,200.00	

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6	404 Permit Application (Individual Permit)	Rate/Hour	Multiplier	Hours	
	Sub-consultant		1.0		\$62,446.00
	Project Manager	\$99.02	2.35	24	\$5,584.73
	Design Engineer	\$63.75	2.35	24	\$3,595.50
	Engineer in Training	\$41.29	2.35	8	\$776.25
	Senior AutoCAD Technician	\$62.36	2.35	24	\$3,517.10
	AutoCAD Technician	\$51.58	2.35	16	\$1,939.41
	Clerical	\$48.32	2.35	10	\$1,135.52
	Postage & Deliveries	\$55.00	1.0		\$55.00
	Printing & Binding	\$200.00	1.0		\$200.00
	Total 404 Permit Application				\$79,250.00
7	Permits and Utility Relocation Coordination	Rate/Hour	Multiplier	Hours	
	Project Manager	\$99.02	2.35	64	\$14,892.61
	Design Engineer	\$63.75	2.35	24	\$3,595.50
	Engineer in Training	\$41.29	2.35	16	\$1,552.50
	Senior AutoCAD Technician	\$62.36	2.35	24	\$3,517.10
	AutoCAD Technician	\$51.58	2.35	24	\$2,909.11
	Clerical	\$48.32	2.35	12	\$1,362.62
	Postage & Deliveries	\$50.00	1.0		\$50.00
	Printing & Binding	\$121.00	1.0		\$121.00
	Total Permits & Utility Relocation Coord.				\$28,000.00
8	Asbestos Evaluation	Rate/Hour	Multiplier	Hours	
	Sub-Consultant		1.0		\$9,900.00
	Project Manager (Coordinate & Review)	\$99.02	2.35	4	\$930.79
	Clerical	\$48.32	2.35	1	\$113.55
	Postage & Deliveries	\$16.00	1.0		\$16.00
	Printing & Binding	\$40.00	1.0		\$40.00
	Total Asbestos Evaluation				\$11,000.00
9	Eight (8) Meetings with Celina, Prosper, PISD & Property Owners	Rate/Hour	Multiplier	Hours	
	Project Manager	\$99.02	2.35	32	\$7,446.30
	Clerical	\$48.32	2.35	5	\$567.76
	Mileage @ \$0.54 & Tolls	\$350.00	1.0		\$350.00
	Printing Expenses	\$36.00	1.0		\$36.00
	Total Eight Extra Meetings				\$8,400.00
10	Twenty (20) Additional Progress Meetings	Rate/Hour	Multiplier	Hours	
	Project Manager	\$99.02	2.35	80	\$18,615.76
	Clerical	\$48.32	2.35	12	\$1,362.62
	Mileage @ \$0.54 & Tolls	\$922.00	1.0		\$922.00
	Printing	\$100.00	1.0		\$100.00
	Total Twenty Additional Progress Meetings				\$21,000.00

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**Additional Services**

11	Additional Printing of Plans & Specifications	Rate/Hour	Multiplier	Hours	
	Project Manager	\$99.02	2.35	1	\$232.70
	Senior AutoCAD Technician	\$62.36	2.35	1	\$146.55
	Printing Expenses	\$3,621.00	1.0		\$3,621.00
	Total Additional Printing				\$4,000.00

**TOTAL ADDITIONAL SERVICES BUDGET AMOUNT**

**\$313,790.00**

Totals are rounded to Nearest Whole \$ for each Phase