

**Beaumont Centre Traffic Study
Revised Man-Hour/Fee Proposal**

Activity	Principal & Proj. Mgr.	Sr. Quality Engr.	Sr. Traffic Engineer	Sr. Traffic Modeler	Sr. Transp. Engr.	Transp. Engineer	Engineer Intern	Production Hour Totals
0. Project Management	32							32
1.0 Data Collection	4	0	0	0	4	21	14	43
1.1 Coordinate Intersection Turning Movement Counts						2		2
1.2 Coordinate 24-Hour Directional Counts						2		2
1.3 Data Processing and Checking						2	4	6
1.4 Obtain/Review Available GIS Data						1	2	3
1.5 Obtain/Review Crash Data	1					2		3
1.6 Obtain/Review Traffic Signal Timing Plans	1					4		5
1.7 Perform Field Reviews	2			0	4	8	8	22
2.0 Conduct Crash Analysis	2	4	0	0	0	40	24	70
2.1 Calculate Crash Frequencies, Rates	1					16		17
2.2 Prepare Collision Mapping	1	4				24	24	53
3.0 Develop Traffic Analysis Tools	8	0	28	8	0	40	56	140
3.1 Expand Existing Synchro Models	4		16	0		24	40	84
3.2 Develop 10-Year Traffic Growth Factors	2			8		4	4	18
3.3 Develop Year 2026 No Build Synchro Models	2		12	0		12	12	38
4.0 Assess Existing and Future No Build Conditions	2	0	0	0	20	20	36	78
4.1 Assess Existing Conditions	1				16	16	24	57
4.2 Assess Future 2026 No Build Conditions	1				4	4	12	21
5.0 Develop "Snapshot" and Identify Areas of Concern	5	0	11	0	0	18	22	56
5.1 Identify Safety Deficiencies	1		4			4	4	13
5.2 Identify Congested Areas and Capacity Deficiencies	1		4			4	4	13
5.3 Identify Multimodal Deficiencies	1					4	4	9
5.4 Identify Connectivity Issues	1		2			2	2	7
5.5 Produce Summary Graphics	1		1			4	8	14
6.0 Develop Recommended Solutions	6	0	44	8	80	40	16	194
6.1 Short-Term Solutions								
6.1.1 Identify Short-Term Solution Alternatives	1		16		24	16		57
6.1.2 Evaluate Short-Term Solution Effectiveness	1		2	4		4	8	19
6.1.3 Develop Short-Term Solution Cost Estimates	1				16			17
6.2 Long-Term Solutions								
6.2.1 Identify Long-Term Solution Alternatives	1		24		24	16		65
6.2.2 Evaluate Long-Term Solution Effectiveness	1		2	4		4	8	19
6.2.3 Develop Long-Term Solution Cost Estimates	1				16			17
7.0 Community Involvement	22	0	22	2	2	22	2	72
7.1 Project Kickoff Meeting	2		2	2	2	2	2	12
7.2 Project Team Meetings	6	0	6	0	0	6	0	18
7.2.1 Project Team Meeting #1	2		2			2		6
7.2.2 Project Team Meeting #2	2		2			2		6
7.2.3 Project Team Meeting #3	2		2			2		6
7.3 Stakeholder Review Meetings	4		4			4		12
7.3.1 Stakeholder Review Meeting #1	2		2			2		6
7.3.2 Stakeholder Review Meeting #2	2		2			2		6
8.0 Prepare Final Report	15	10	33	1	32	33	12	136
8.1 Prepare Draft Final Report	12	6	32		32	28	8	118
8.2 Conduct Internal & Project Team Review	1	2	1	1		1		6
8.3 Submit Final Report, Executive Summary and Project Data Appendix	2	2				4	4	12
Total Man-Hours	96	14	138	19	138	234	182	821
Labor Rate	\$ 83.17	\$ 60.79	\$ 51.00	\$ 46.49	\$ 43.42	\$ 34.01	\$ 15.50	

<i>Percent of Total Man-Hours</i>	11.7%	1.7%	16.8%	2.3%	16.8%	28.5%	22.2%	100.0%
<u>Direct Expenses</u>								
Abbie Jones - Traffic Counts	\$ 17,100.00						Labor Cost	\$ 33,527.99
Other Direct Expenses	\$ 900.00						Overhead @ 177.47%	\$ 59,502.12
Total Direct Expenses	\$ 18,000.00						Profit @ 15%	\$ 13,954.52
							Direct Expenses	\$ 18,000.00
							Lump Sum Fee	\$ 124,984.63