

**248th Avenue Phase I Study
103rd Street to 95th Street
City of Naperville
Supplement #2**

I. Scope of Services

The original scope of services and Supplement #1 assumed holding the final Public Information Meeting virtually, during the Transportation Advisory Board. Through recent coordination with IDOT, it has since been determined that Public Involvement Activities cannot be held at City Council meetings, and must have its own specified time to fulfil the requirements of IDOT and FHWA. It is assumed that there will be a presentation to the City Council in addition to the in-person Public Information Meeting. The following Scope of Services details the required work outside of the original Scope of Services and Supplement #1 for the Final Public Information Meeting.

Item 1 – Early Coordination and Data Collection – No additional work proposed.

Item 2 – Topographic Survey – No additional work proposed.

Item 3 – Crash Analysis – No additional work proposed.

Item 4 – Traffic Analyses – No additional work proposed.

Item 5 – Alternate Geometric Studies – No additional work proposed.

Item 6 – Geotechnical Studies – No additional work proposed.

Item 7 – Preliminary Environmental Site Assessment (PESA) – No additional work proposed.

Item 8 – Air Quality – No additional work proposed.

Item 9 – Highway Traffic Noise Analysis – No additional work proposed.

Item 10 – Drainage Study – No additional work proposed.

Item 11 – Wetland Investigation – No additional work proposed.

Item 12 – Section 4(f) Evaluation and Documentation – No additional work proposed.

Item 13 – Draft Project Development Report – No additional work proposed.

Item 14 – Agency Coordination – No additional work proposed.

Item 15 – Public Involvement – Through coordination with IDOT, it has been determined that the final Public Information Meeting needs to be held outside of the Transportation Advisory Board during its own specified time to fulfill the requirements of IDOT and FHWA. Following are the specific public involvement tasks that are anticipated:

Final Public Information Meeting – In-Person

- A. Selection of and coordination with the meeting venue (To be completed by the City)
- B. Preparation of Public Information Meeting Brochure
- C. Preparation of Public Information Meeting Exhibits
- D. Attendance at Public Information Meeting
- E. Preparation of meeting minutes and disposition of comments

Item 16 – Final Project Development Report – No additional work proposed.

Item 17 – Supervision, Administration and Project Coordination – No additional work proposed.

**COST ESTIMATE OF CONSULTANT SERVICES
 PHASE I ENGINEERING
 Supplement #2**

Task	Personnel & Hours												Total Hours	% of Hours	Labor Cost	
	Department Head	Project Manager	Project Engineer	Design Engineer	Engagement Specialist	Sr. Drainage Engineer	Drainage Engineer	Sr. Traffic Engineer	Traffic Engineer	Graphic Designer	Design Technician	Admin. Asst.				
	\$70.00	\$50.00	\$43.00	\$34.00	\$34.00	\$70.00	\$35.00	\$49.00	\$37.00	\$40.00	\$36.50	\$20.00				
1 Early Coordination and Data Collection	No additional work proposed															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	\$ -
2 Topographic Survey	No additional work proposed															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	\$ -
3 Crash Analysis	No additional work proposed															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	\$ -
4 Traffic Analysis	No additional work proposed															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	\$ -
5 Alternate Geometric Studies	No additional work proposed															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	\$ -
6 Geotechnical Studies	No additional work proposed															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	\$ -
7 Preliminary Environmental Site Assessment	No additional work proposed															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	\$ -
8 Air Quality	No additional work proposed															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	\$ -
9 Noise Analyses	No additional work proposed															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	\$ -
10 Drainage Study	No additional work proposed															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	\$ -
11 Wetland Investigation	No additional work proposed															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	\$ -
12 Section 4(f) Evaluation and Documentation	No additional work proposed															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	\$ -
13 Draft/Pre-final Project Development Report	No additional work proposed															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	\$ -
14 Agency Coordination	No additional work proposed															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	\$ -
15 Public Involvement																
	8	4	10	20	0	0	0	0	0	12	2	0	0	56	100.0%	\$ 2,423
16 Final Project Development Report	No additional work proposed															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	\$ -
17 Supervision, Administration & Project Coordination	No additional work proposed															
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%	\$ -
Sub-Total	8	4	10	20	0	0	0	0	0	12	2	0	0	56		
% of Hours	14.3%	7.1%	17.9%	35.7%	0.0%	0.0%	0.0%	0.0%	0.0%	21.4%	3.6%	0.0%	0.0%		100.0%	
Total Cost	\$560	\$200	\$430	\$680	\$0	\$0	\$0	\$0	\$0	\$480	\$73	\$0	\$0			\$2,423
Multiplier*	2.57															\$6,239
Direct Costs (See Exhibit A-4)																\$0
Subconsultants (See Exhibit A-4)																\$0
Total Engineering Cost:														\$6,239		

* Multiplier = (DL + OH + FF)
 DL = Direct Labor
 OH = Overhead = 124.88%
 FF = Fixed Fee = 32.61%
 where FF = 14.5%[DL + OH(DL)]

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**WORKHOUR ESTIMATE
 PHASE I ENGINEERING
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Item No.	Task	Personnel & Hours											Total Hours	% of Hours		
		Department Head	Project Manager	Project Engineer	Design Engineer	Engagement Specialist	Sr. Drainage Engineer	Drainage Engineer	Sr. Traffic Engineer	Traffic Engineer	Graphic Designer	Design Technician			Admin. Asst.	
1	Early Coordination and Data Collection															
		No additional work proposed.														
	Sub-total Item 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
2	Topographic Survey															
		No additional work proposed														
	Sub-total Item 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
3	Crash Analysis															
		No additional work proposed														
	Sub-total Item 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
4	Traffic Analysis															
		No additional work proposed														
	Sub-total Item 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
5	Alternate Geometric Studies															
		No additional work proposed														
	Sub-total Item 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
6	Geotechnical Studies															
		No additional work proposed														
	Sub-total Item 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
7	Preliminary Environmental Site Assessment															
		No additional work proposed														
	Sub-total Item 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
8	Air Quality															
		No additional work proposed														
	Sub-total Item 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
9	Noise Analyses															
		No additional work proposed														
	Sub-total Item 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
10	Drainage Study															
		No additional work proposed														
	Sub-total Item 10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
11	Wetland Investigation															
		No additional work proposed														
	Sub-total Item 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
12	Section 4(f) Evaluation and Documentation															
		No additional work proposed														
	Sub-total Item 12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%

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Item No.	Task	Personnel & Hours											Total Hours	% of Hours		
		Department Head	Project Manager	Project Engineer	Design Engineer	Engagement Specialist	Sr. Drainage Engineer	Drainage Engineer	Sr. Traffic Engineer	Traffic Engineer	Graphic Designer	Design Technician			Admin. Asst.	
13	Draft/Pre-final Project Development Report															
		No additional work proposed														
	Sub-total Item 12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
14	Agency Coordination															
		No additional work proposed														
	Sub-total Item 14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
15	Public Involvement															
	Final Public Information Meeting - In-Person															
	A. Selection of and coordination with the meeting venue (to be completed by the City)														0	0.0%
	B. Preparation of Public Information Meeting Brochure			2	2							8			12	21.4%
	C. Preparation of Public Information Meeting Exhibits	2		2	12							4	2		22	39.3%
	D. Attendance at Public Information Meeting	4	4	4	4										16	28.6%
	E. Preparation of meeting minutes and disposition of comments	2		2	2										6	10.7%
	Sub-total Item 15	8	4	10	20	0	0	0	0	0	12	2	0	56	100.0%	
16	Final Project Development Report															
		No additional work proposed														
	Sub-total Item 16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
17	Supervision, Administration & Project Coordination															
		No additional work proposed														
	Sub-total Item 17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
	Total Hours:	8	4	10	20	0	0	0	0	0	12	2	0	56		
	% of Hours:	14.3%	7.1%	17.9%	35.7%	0.0%	0.0%	0.0%	0.0%	0.0%	21.4%	3.6%	0.0%	100.0%		