

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.
- <u>Item 2 Topographic Survey</u> No additional work proposed.
- <u>Item 3 Crash Analysis</u> No additional work proposed.
- <u>Item 4 Traffic Analyses</u> 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.
- <u>Item 9 Highway Traffic Noise Analysis</u> No additional work proposed.
- <u>Item 10 Drainage Study</u> No additional work proposed.
- <u>Item 11 Wetland Investigation</u> No additional work proposed.
- Item 12 Section 4(f) Evaluation and Documentation No additional work proposed.



<u>Item 13 – Draft Project Development Report</u> – No additional work proposed.

Item 14 - Agency Coordination - No additional work proposed.

<u>Item 15 – Public Involvement</u> – Through coordination with IDOT, it was 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 fulfil 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

<u>Item 16 – Final Project Development Report</u> – No additional work proposed.

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

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COST ESTIMATE OF CONSULTANT SERVICES PHASE I ENGINEERING Supplement #2

	Supplement #2														
	Personnel & Hours										Total	% of			
	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.	Hours	% or Hours	Labor Cost
	\$70.00	\$50.00	\$43.00	\$34.00	\$34.00	\$70.00	\$35.00	\$49.00	\$37.00	\$40.00	\$36.50	\$20.00			
Task															
1 Early Coordination and Data Collection			_			additional work		_							
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2 Topographic Survey	0	0	(ا ا		additional work	proposed	0	0	0	\	0	0	0.0%	Φ.
3 Crash Analysis	υĮ	U		v <u>I</u>		o additional work	proposed		<u> </u>	U	'1	ار ار		0.0%	ъ -
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4 Traffic Analysis	<u> </u>			ν <u>ι</u> υ _ι		additional work	proposed		,		'I	,		0.070	Ψ -
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6 Geotechnical Studies						additional work	proposed								
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7 Preliminary Environmental Site Assessment						additional work		1	1 0		. [2.22/	
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8 Air Quality	0	0				additional work	proposea	0	0	0	\	0	0	0.0%	Φ.
9 Noise Analyses	U	0	С	0		o additional work	· ·		l 0	0	' (U U		0.0%	-
9 Noise Analyses	0	0	(0	NO.		proposed	0	0	0	ıl (0		0.0%	\$ _
10 Drainage Study	<u></u>			<u>'</u>	No	additional work	proposed		<u> </u>		'	71 0		0.070	<u>Ψ -</u>
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11 Wetland Investigation					No	additional work	proposed				`			0.070	<u> </u>
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12 Section 4(f) Evaluation and Documentation				<u>'</u>	No	additional work	proposed		•						·
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13 Draft/Pre-final Project Development Report	•				No	additional work	proposed					•			
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14 Agency Coordination			_			additional work		_			_				
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15 Public Involvement	ما		4.0	00		0 0	0	1 0	1 0	4.0			50	400.00/	\$ 2,423
16 Final Project Development Report	8	4	10	20		o additional work		0	0	12	.	2 0	56	100.0%	\$ 2,423
16 Final Project Development Report	0	0	C	0			proposed	l 0	l 0l	0	1 (0		0.0%	¢
17 Supervision, Administration & Project Coordination	<u> </u>	<u> </u>		VI UI		additional work	· ·		<u> </u>		' ')		0.076	φ -
17 Supervision, Administration & Froject Goordination	0	0	(0			0	1 0	0	0) (0	0	0.0%	\$ -
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% of Hours	14.3%	7.1%	17.9%		0.0%	6 0.0%	0.0%	0.0%	0.0%	21.4%		0.0%		100.0%	
Total Cost	\$560	\$200	\$430	\$680	\$(\$0	\$0	\$0	\$0	\$480	\$73	3 \$0			\$2,423
Multiplier*	2.57														\$6,239
Direct Costs (See Exhibit A-4)															\$0
Subconsultants (See Exhibit A-4)															\$0
											<u> </u>				
											Total Er	ngineering Cos	st:		\$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 Supplement #2

	Personnel & Hours														
Item No.	Task	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.	Total Hours	% of Hours
4	Faulty Consideration and Data Callegation														
1	Early Coordination and Data Collection			No addit	l ional work pro	posed.									1
	Sub-total Item 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
-	Tonographia Cumar	Ι							1						
2	Topographic Survey			No addit	l ional work pro	posed									
	Sub-total Item 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
3	Crash Analysis			No addit	l ional work pro	nosed									
	Sub-total Item 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
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4	Traffic Analysis			No addit	l ional work pro	pposed									
	Sub-total Item 4	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
5	Alternate Geometric Studies			No oddii	ianal want an										
	Sub-total Item 4	0	0	100 addii	ional work pro	oposea 0	0	0	0	0	0	0	0	0	0.0%
	oub total item 4	, J													0.070
6	Geotechnical Studies														
	Sub-total Item 6	0	0	No addit	ional work pro	oposed 0	0	0	0	0	<u> </u>	0	0	0	0.0%
	Sub-total item o	U	U	U	U	U	U	U	U		U	U		U	0.076
7	Preliminary Environmental Site Assessment														
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	Sub-total Item 7	U	U	U	U	U	U	U	U	U	U	0	U	U	0.0%
8	Air Quality														
					ional work pro										1 224
	Sub-total Item 8	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
9	Noise Analyses														
					ional work pro										<u> </u>
	Sub-total Item 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
10	Drainage Study														
				No addit	ional work pro	pposed	ļ	ļ			ļ	ļļ.		!	1
	Sub-total Item 10	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
44	Wetland Investigation														
11	wetianu investigation			No addit	l ional work pro	pposed									
	Sub-total Item 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
12	Section 4(f) Evaluation and Documentation			No addit	l ional work pro	nosed									
	Sub-total Item 12	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
		•				•									

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Itam			Personnel & Hours											Total	
No. Task	[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.	Hours	% of Hours
13 Draft/Pre-final Project Development Report															
13 Dialurie-iliai Project Developillent Report				No addit	ional work pro	posed									
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14 Agency Coordination															
	l .			No addit	ional work pro	posed									
Sub-tota Sub-tota	l Item 14	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
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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-tota Sub-tota	l Item 15	8	4	10	20	0	0	0	0	0	12	2	0	56	100.0%
16 Final Project Development Report															
				No addit	ional work pro	posed									
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17 Supervision, Administration & Project Coordination															
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Sub-tota Sub-tota	l Item 16	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
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	I Hours:	8	4	10	20	0	0	0	0	0	12	2	0	56	
<u> </u>	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%	