



ALLIANT

February 3, 2021

Mr. Tom Wesolowski – Shoreview
Mr. David Swearingen – Arden Hills
(Sent via Email)

Mr. Wesolowski and Mr. Swearingen,

Alliant Engineering, Inc. appreciates the opportunity to provide you with the following Proposal for Professional Services. Our proposed Scope of Services includes all tasks necessary to prepare a joint feasibility report for the Cities of Shoreview and Arden Hills to document proposed improvements, project costs, funding, and potential assessments for a new traffic signal system installed as part of the Ramsey County Lexington Avenue Reconstruction Project. The report will include the following information:

- Introduction
- Project Description/Scope
- Definition of Existing Conditions
- Description of proposed improvements
 - Roadway
 - Bicycle and Pedestrian Facilities
 - Traffic Signal Systems
 - Utilities
- List of Permits and Approvals
- Public Involvement Information
- Estimated Project Costs
 - Engineer's Estimate (60% design level)
 - Cost Responsibility Splits
- Breakdown of Proposed Financing and Assessments
- Project Schedule
- Conclusions

The following scope of services is proposed:

Task 1.0 Traffic Analysis

Trip Generation – Develop 24-hour trip generation estimates over a typical weekday, Saturday, and Sunday for properties benefitting from the addition of a traffic signal system at the Lexington Avenue/Target Road Entrance intersection. The trip generation estimates will be utilized to determine responsibility for traffic signal system costs that may be assessed to benefitting properties. Due to the current public response to the ongoing COVID-19 pandemic, it will not be feasible to gather representative trip generation data in the field for the various subject properties using conventional data collection methods. Trips for existing developed properties will be estimated by utilizing applicable rates in the Institute of

Transportation Engineers Trip Generation Manual. For properties with multiple driveways, engineering judgement will be used to estimate an appropriate directional distribution of generated trips. The following properties will be subjects of this traffic analysis:

- Lexington Station (multiple driveways)
- Big O Tires
- Arby's
- Raising Cane's (multiple driveways)
- Target (multiple driveways)

For purpose of determining traffic signal system assessments on the west side of Lexington Avenue, two scenarios will be developed:

- Scenario #1 – Driveway connection between the Big O Tires property and the Lexington Station property is coordinated between the property owners and the City of Arden Hills and the property owners construct the driveway connection
- Scenario #2 – No driveway connection is made between the above-mentioned properties and the Lexington Station development is the sole property accessing the west leg of the new signalized intersection.

Task 2.0 Feasibility Report

- 2.1 Prepare draft feasibility report containing the above listed information.
- 2.2 Revise report one time based on comments received from the City of Arden Hills and the City of Shoreview. Submit final signed report.

Assumptions

Our work scope, staff hour and fee are based on the following assumptions:

1. *Effort to prepare exhibits for the report will be kept to a minimum. A layout for the project has been developed for use by the County. Simple exhibits will be prepared for other work elements, such as watermain and sanitary sewer work, if needed.*
2. *This scope does not include meetings. It is assumed that review comments will be discussed via phone or email.*
3. *This scope does not include time to attend City Council meetings. Meeting attendance and preparation of presentations can be provided as additional services.*
4. *The cities will provide a copy of the appropriate site plan for Lexington Station Phase 3 for our use.*

Project Schedule

Alliant will work with the City of Shoreview, City of Arden Hills, and their partners to schedule tasks and milestones as needed to meet the goals of the cities. Upon acceptance of this proposal, a draft report can be provided within three calendar weeks.

Staff Hour and Cost Estimate –

Lexington Avenue Reconstruction – Feasibility Report

Work Task	Project Manager	Senior Engineer	Project Engineer	TOTAL HOURS	ESTIMATED COST BY TASK
1.0 Traffic Analysis					
1.1 Trip Generation		4	8		\$1,280.00
SUBTOTAL TASK 1.0	0	4	8	12	\$1,280.00
2.0 Feasibility Report					
2.1 Draft Report	12	4	4		\$3,200.00
2.2 Final Report	4	2			\$1,040.00
SUBTOTAL TASK 2.0	16	6	4	26	\$4,240.00
Total Staff Hours	16	10	12	38	
ESTIMATED COST					
Average Hourly Rates	\$190	\$140	\$90		
Estimated Labor	\$3,040	\$1,400	\$1,080		\$5,520.00
Reimbursables (Mileage, Copying, Deliveries)					\$50.00
SUBTOTAL					\$5,570.00
TOTAL ESTIMATED COST NOT TO EXCEED					\$5,570.00

We ask that you sign in the area indicated and return this document to our office at your convenience. Please call me at 612-767-9347 should you have any questions or comments regarding the contents of our proposal or associated service fees. Thanks.

Sincerely,

Alliant Engineering, Inc.



Steve Weser, PE
Principal

Accepted:

Mr. Tom Wesolowski
City of Shoreview

Accepted:

Mr. David Swearingen
City of Arden Hills

CC: File