



COUNCIL WORK SESSION

Tuesday, November 19, 2024

6:30 p.m.

Coon Rapids City Center

Conference Room 1

Call to Order

Pursuant to Minnesota Statute 13D.04, subd. 2, the City Council will meet in work session to discuss the following:

1. Consider Request to Anoka County Highway Department to Conduct a Speed Study on 85th Avenue (County Road 132)
2. Discuss Proposed Traffic Study on Northdale Boulevard between Crooked Lake Boulevard and Main Street

Other Business

Adjourn



City Council Work Session

1.

Meeting Date: 11/19/2024

Subject: Consider Request to Anoka County Highway Department to Conduct a Speed Study on 85th Avenue (County Road 132)

Submitted For: Mark Hansen, City Engineer

From: Amanda Romano, Administrative Assistant II

INTRODUCTION

City staff will be present to discuss and answer questions about a proposed request to have the Anoka County Highway Department complete a speed study of 85th Avenue (County Road 132) between East River Road and Springbrook Drive.

DISCUSSION

Anoka County recently completed construction of a new roundabout at the intersection of 85th Avenue and Evergreen Blvd. Construction of the roundabout requires slower speeds to navigate through the intersection. The cities of Coon Rapids and Fridley share a common boundary along portions of 85th Avenue and are collectively requesting the County to analyze the 85th Avenue corridor between East River Road and Springbrook Drive, with the goal of selecting a uniform speed that maximizes safety along the corridor.

RECOMMENDATION

Staff requests Council feedback about the proposed speed study.



City Council Work Session

2.

Meeting Date: 11/19/2024

Subject: Discuss Proposed Traffic Study on Northdale Boulevard between Crooked Lake Boulevard and Main Street

Submitted For: Mark Hansen, City Engineer

From: Amanda Romano, Administrative Assistant II

INTRODUCTION

The City Engineering Department proposes the completion of a traffic study of Northdale Boulevard between Main Street and Crooked Lake Boulevard.

DISCUSSION

City staff from time to time hear about concerns regarding traffic speeds and safety from persons living within residential areas located along Northdale Boulevard, generally between Crooked Lake Boulevard and Main Street. A traffic study is proposed to collect and analyze traffic data, as well as review available options to address vehicle and pedestrian concerns.

RECOMMENDATION

This item is for information and discussion purposes. A budget amendment will be required for a portion of the cost, with an agenda item for consideration on the regular City Council agenda later this evening.

Attachments

Northdale Boulevard Traffic Study Proposal



Building a Better World
for All of Us®

October 21, 2024

RE: Coon Rapids, Minnesota
Northdale Boulevard Traffic Study Proposal
(Crooked Lake Blvd to Main Street)
SEH No. COONR 116023

Mr. Mark Hansen, PE
City Engineer
City of Coon Rapids
11155 Robinson Drive
Coon Rapids, Minnesota 55433-3761

Dear Mark:

Short Elliott Hendrickson Inc. (SEH®) appreciates the opportunity to submit this letter proposal to the City of Coon Rapids for traffic analysis services related to Northdale Boulevard (between CSAH 18-Crooked Lake Boulevard and CSAH 14-Main Street).

Work required for this project will include a detailed site review of the entire corridor (side street and driveway locations, current signing-striping, sight distance concern areas, potential areas of speed concerns), gathering traffic volume information for both Northdale Boulevard and for major approaches to Northdale Boulevard, crash information review, vehicular speed analysis for the corridor, review of traffic signal timings along the corridor, anticipated areas for traffic growth, other site specific items that impact the safety, speed and visibility of traffic and pedestrians along the corridor, and finally documentation of our findings and recommendations for potential improvements.

This letter proposal can be the basis for an agreement for the work on this project and all subsequent services. As part of the project, we have put together the following work program for performing the services of this project. The work program is fairly well defined based on anticipated cooperative efforts of SEH and the City of Coon Rapids for the complete project. The work program does, however, provide flexibility to make the most efficient use of SEH and City staff.

SEH proposes to complete all required analysis and documentation for an overall cost not-to-exceed of **\$22,500**.

Background

As development related to both the nearby CSAH 14 (Main Street) corridor area and the Riverdale Station area (Northstar Station and residential buildings) progresses, the City has been receiving complaints from local residents regarding overall perceived safety, speeds, and operational concerns along Northdale Boulevard. To address these complaints and concerns, the City has requested that SEH provide a letter proposal for the analysis of this corridor. The following work scope is proposed to provide a detailed analysis of traffic operations and provide recommendations to the City for potential improvements along the corridor in order to enhance the safety and operations along Northdale Boulevard.

Engineers | Architects | Planners | Scientists

Short Elliott Hendrickson Inc., 3535 Vadnais Center Drive, St. Paul, MN 55110

SEH is 100% employee-owned | sehinc.com | 651.490.2000 | 800.325.2055 | 888.908.8166 fax

Scope of Work

1. A detailed up-front field analysis of the corridor will be completed by SEH to:
 - Review existing side street and roadway locations and access,
 - Review areas where sight distance is a concern for both vehicular and pedestrian traffic,
 - Review existing corridor striping and signing to determine if there are areas that could be revised to provide better traffic operations,
 - Review observed areas where excessive vehicular speeds may be an issue,
 - Review existing pedestrian access along the corridor,
 - Review existing traffic signal timings, visibility, and operations for the signalized intersections at CSAH 18-Crooked Lake Boulevard, 119th Avenue, Riverdale Station, 124th Avenue, and CSAH 14-Main Street.
2. Typical weekday and weekend hourly turning movement traffic counts are proposed to be taken with this project (likely between Thursday-Sunday) at the following intersections along Northdale Boulevard (up to 13 video traffic counters will be set with this project):
 - All approaches at **CSAH 18-Crooked Lake Boulevard**
 - **North Lake Shoppes/North Star Community Church** driveway approaches
 - **117th Avenue NW** approach to Northdale Boulevard
 - **117th Lane NW** approach to Northdale Boulevard
 - **118th Lane NW** approach to Northdale Boulevard
 - All approaches at **119th Avenue NW**
 - **121st Lane NW** approach to Northdale Boulevard
 - All approaches at **Riverdale Station**
 - All approaches at the **driveway north of the signalized Riverdale Station intersection**
 - All approaches at **123rd Avenue NW/rear retail access driveway**
 - All approaches at the **Riverdale Commons driveway**
 - All approaches at **124th Avenue NW**
 - All approaches at **CSAH 14/Main Street**
3. In addition to the above mentioned turning movement traffic counter settings, up to five (5) counters will also be set to determine typical, average, and peak traffic speeds along Northdale Boulevard at the following locations:
 - **Between 117th Avenue NW and 117th Lane NW** (where there is a roadway curve nearby)
 - **Southeast of 119th Avenue NW** (long straight-away area)
 - **Between 121st Lane NW and Riverdale Station** (where there is a roadway curve nearby)
 - **Between the driveway north of Riverdale Station and 123rd Avenue NW**
 - **Between the Riverdale Commons Driveway and 124th Avenue NW**
4. SEH will request crash data from the City, County, and State to determine if there are any recent crash concerns at any intersection along the corridor and include that in the final analysis.
5. SEH will obtain the previous consultant's traffic study for the Riverdale Station area (for the residential development completed at this site) and use this information in our overall analysis of these impacted intersections and the Northdale Boulevard corridor in general.

6. After traffic counts are tallied for each location, SEH will complete Stop/Signal Warrant Analyses for higher volume intersections along the corridor using criteria from the *Minnesota Manual on Uniform Traffic Control Devices* (MnMUTCD). This will aid in determining peak traffic periods along the corridor and the potential need for additional traffic control to better accommodate current traffic volumes.
7. SEH will determine current sight distance available for motorists and pedestrians along the corridor and compare these measured distances to overall recommendations for sight distance based on local speeds to see if there are locations that are locations that should be analyzed further for potential improvements to overall sight distance and advance warning for area approaches.
8. After all data collection and field reviews have been completed, SEH will analyze the available data and prepare a summary letter discussing vehicular and pedestrian concerns, potential traffic signal equipment and timing upgrades, potential signing-striping modifications, and overall operations along the corridor. Recommendations for potential improvements that the City could pursue will also be provided in this letter along with any estimated construction costs to complete these improvements.

Project scope includes one (1) meeting with City staff to review analysis findings and address any questions that the City may have (County could also be invited to this meeting for their input). Note that this meeting does not include meeting with City Council or County Board members.

Note that this project scope does NOT include any final geometric design services.

Schedule

SEH proposes to begin work by setting traffic counters and completing the detailed field review soon after a Notice-To-Proceed is issued by the City (to hopefully complete these work items before winter weather becomes a concern). Field reviews and traffic counting is anticipated to take approximately 2 weeks to complete. After obtaining all traffic data, SEH proposes to complete analysis and provide a summary-recommendation letter to the City within 6 weeks of completing data collection.

Compensation

The proposed work program includes a detailed field review of the entire corridor, traffic and speed counts, crash analysis, review of existing corridor geometrics (including signing and striping), and report preparation. We propose to be paid for the work we do on an hourly basis based on direct labor costs, plus the actual cost of reimbursable expenses.

The work, as defined above, will be done on an hourly basis (plus reimbursable expenses) for a cost-not-to-exceed of **\$22,500**. These costs will not be exceeded except as otherwise approved by the City. A breakdown of these costs is as follows:

Detailed Field Review	\$2,300
Traffic and Speed Counts	\$9,800
Project Analysis and Report Preparation	\$10,400

As mentioned above, these costs do not include attendance at any City Council or County Board meetings.

Mr. Mark Hansen, PE
October 21, 2024
Page 4

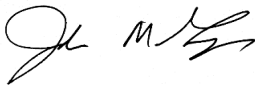
Any additional tasks added to or deleted from this project (due to significant changes in the general scope of the project or its design including, but not limited to, changes in size, complexity of character or type of construction) shall be by written amendment to the contract signed by both parties.

We appreciate the opportunity to submit a letter proposal for the work stated above to the City of Coon Rapids and hopefully look forward to being selected by the City to assist with all of the project related needs.

Please feel free to contact me at 651.402.4383 if you have any questions or comments regarding the above-mentioned information. Thank you.

If you are in agreement with the terms of this proposal, please sign and return one signed copy to me for our files.

Sincerely,
Short Elliott Hendrickson, Inc.



John M. Gray, PE
Senior Professional Traffic Engineer

Accepted this _____ day of _____, 20____.

CITY OF COON RAPIDS, MINNESOTA

By: _____

Title: _____

Project Cost Estimate
Northdale Boulevard Analysis
Coon Rapids, Minnesota
Prepared by JMG on October 21, 2024

Task	Engineer \$260.00	Engineer \$135.00	Tech/Admin \$140.00	Labor/Task	Expenses	Cost/Task	Estimated Project Costs
Traffic Counts	2	44		\$6,460.00	\$3,340.00	\$9,800.00	\$9,800.00
Field Review	9			\$2,340.00		\$2,340.00	\$2,300.00
Crash Analysis	2	2		\$790.00		\$790.00	\$800.00
Warrant Analysis	3			\$780.00		\$780.00	\$800.00
Sight Distance Analysis	3			\$780.00		\$780.00	\$800.00
Signal Timing Analysis	4			\$1,040.00		\$1,040.00	\$1,100.00
Signing and Striping	8			\$2,080.00		\$2,100.00	\$2,100.00
Report Preparation	17	2	1	\$4,830.00		\$4,830.00	\$4,800.00
Total Hours	48	48	1				
Cost	\$12,480.00	\$6,480.00	\$140.00	\$19,100.00	\$3,340.00	\$22,440.00	\$22,500.00