



DATE: September 11, 2023

TO: Honorable Mayor Lagergren and Members of the City Council

FROM: Andrea Aukrust, City Administrator

RE: 2024 Street Improvement Project-Project Scope Review

Please see the attached memo from Josh Eckstein, P.E.—Bolton and Menk, Inc. Jake Saulsbury will be available at the meeting to discuss the scope of work to be completed and answer questions.

Recommendation:

Motion to authorize Bolton & Menk, Inc. to move forward with reconstruction of Segment A and C on Railroad Street and conduct a feasibility study, geotechnical analysis, topo survey and assessment benefit analysis for Segment A and C in order to continue project development in preparation for summer 2024 construction.

Norwood Young America



Real People. Real Solutions.

2638 Shadow Lane
Suite 200
Chaska, MN 55318-1172

Ph: (952) 448-8838
Fax: (952) 448-8805
Bolton-Menk.com

September 7, 2023

City of Norwood Young America
Attn: Andrea Aukrust
310 W. Elm St.
P.O. Box 59
Norwood Young America, MN 55368

**RE: 2024 Street Improvement Project
– Project Scope Review**

Dear Mrs. Aukrust:

Background:

At the August 14, 2023, Council meeting it was decided to move forward with Railroad Street as the intended street improvement project for 2024 and authorization was given to submit a Local Road Improvement Program (LRIP) funding application. At that time, a question was brought forward related to the scope of the project and additional information was necessary to evaluate the appropriate project limits.

Findings:

We have completed a high-level evaluation of Railroad Street from Faxon to the west City limit line for review and consideration by the Council. The roadway is broken into logical segments as outlined below for consideration of the full project scope. These segments are graphically defined in the attached Figure 1.

Segment A – (Scoping Study, Faxon to Morse)

The Street & Utility Reconstruction Project Scoping Study identified Railroad Street as a high priority project. This project includes reconstruction of Railroad Street from Faxon Road to Morse Street. Major utility replacement work is needed within this roadway segment. Sanitary sewer improvements include full removal and replacement of manholes and mainline pipe. Watermain improvements include replacement of undersized watermain and looping with a larger trunk main to improve fire flow and reliability of the system. All existing storm water conveyance system components will be replaced and improved to drain water more effectively from the street.

The total estimated project cost for Segment A improvements is \$2,700,000

Segment B – (County Road 33, Morse to Reform)

Railroad Street from Morse Street to Reform Street is County Road 33. The roadway pavement and concrete gutter are in fair to good condition. No major drainage issues exist within this two-block segment. These two blocks were reconstructed, utilities and street, in 1996 and the street was milled and overlayed in 2014. Carver County does not have this road scheduled for maintenance in the near future. Based on the current condition and no plan for improvements, the County will not share in the cost of improvements at this time.

Storm sewer along this road segment is in fair to good condition and consists of concrete pipe which is the current standard.

Sanitary sewer exists within this two-block segment and was installed as part of the 1996 reconstruction project. Based on televising data the pipe is in fair condition. The recommended rehabilitation method is

Name: 2024 Street Improvement Project
Date: September 6, 2023

pipe lining and manhole replacements. Pipe lining can be completed at any time and manhole replacements can be completed in conjunction with the next pavement reconstruction project at some point in the future.

Watermain exists within this two-block segment. Ductile iron pipe watermain was installed in 1996 and has not yet reached the end of its useful life. There have been no recent watermain brakes recorded within this area.

The total estimated project cost for Segment B improvements is \$2,200,000. Since Carver County does not have this project on its priority schedule, the City is required to pay 100% of the cost.

Segment C – (Local Street, Reform to Progress)
Segment C is from Reform Street to Progress Street. This segment consists of old Highway 212 concrete pavement that is in poor condition. This is a rural segment of roadway without curb and gutter. Stormwater is conveyed in a ditch along the south side of the road. There is no existing watermain or sanitary sewer within this segment.

Watermain is proposed to be installed within this segment to serve existing properties along the north side of the street and for looping to the west.

Sanitary sewer is proposed to be installed and extended from Reform Street to Progress Street. This segment will serve properties along the north side of the street.

The total estimated project cost for Segment C improvements is \$750,000

Segment D – (Local Street, Progress to Lano Equipment)
Segment D is from Progress Street to the western most City limit line. See attached Figure 1. This segment consists of old Highway 212 concrete pavement that is in poor condition. This is a rural segment of road without curb and gutter. Stormwater is conveyed in ditches along the north and south sides of the road. Water and sewer facilities exist adjacent to 600 and 700 Railroad Street. See Attached Figure 2.

Watermain is proposed to be installed within this segment to serve existing properties along the north side of the street and to provide a future extension to the west.

Sanitary sewer is proposed to be installed and extended from the existing gravity line adjacent to 700 Railroad Street to the west project limit. This segment will serve properties along the north side of the street and provide for a future extension to the west.

The total estimated project cost for Segment D improvements is \$2,200,000

- Cost Summary:*
- Segment A Total Project Cost.....\$2,800,000
 - Segment B Total Project Cost.....\$2,200,000
 - Segment C Total Project Cost.....\$750,000
 - Segment D Total Project Cost.....\$2,200,000

Name: 2024 Street Improvement Project
Date: September 6, 2023

The following schedule outlines the next steps required for 2024 construction. This schedule assumes LRIP funding.

- Initial Project Authorization.....Complete
- LRIP Funding Application Authorization.....Complete
- Council Finalize Project Scope.....Tonight
- Council Authorize Feasibility Study.....Tonight
 - Topo Survey & Geotechnical Evaluation
- LRIP Funding Application Deadline.....December 2023
- Conduct Project Improvement Hearing.....December 2023
- Council Approve Feasibility Study.....December 2023
- Project Design.....December – January 2024
- LRIP Funding Results.....April 2024
- Bid.....July 2024
- Construction.....August 2024 – July 2025
- Assessment Hearing.....October 2024

Recommendations:

Based on the above information our recommendation is to move forward with reconstruction of Segment A and C. Completion of Segment A and C will improve the segments of Railroad Street that are in need of the most work within the currently developed area of town. The total project cost of segment A and C is \$3,100,000. It is recommended to reconstruct Segment D in conjunction with future development west of Progress Street.

We recommend authorization of a feasibility study, geotechnical analysis, topo survey and assessment benefit analysis for Segment A and C in order to continue project development in preparation for summer 2024 construction.

Sincerely,
Bolton & Menk, Inc.



Joshua Eckstein, P.E.

cc: Jake Saulsbury, Bolton & Menk



