

CC Regular Session

7. 4.

Meeting Date: 04/25/2023

Submitted For: Joe Feriancek, Engineering/Public Works

By: Joe Feriancek, Engineering/Public Works

Information

Title:

Adopt Resolution #23-084 Accepting Bids and Awarding Contract for 2023 Neighborhood Pavement Overlay Improvements, Improvement Project #23-07

Purpose/Background:

Purpose:

The purpose of this case is to adopt Resolution #23-084 accepting bids and awarding contract for 2023 Neighborhood Pavement Overlay Improvements, Improvement Project #23-07.

Background:

City Improvement Project #23-07 proposes to overlay the streets within the Alpine Meadows, Highlands at River Park, Highlands at River Park 2nd, Highlands at River Park 3rd, and Highlands at River Park 4th subdivisions. The streets total approximately 9,658 lineal feet (1.83 miles) in length, and are 32-foot wide urban sections. A street segment summary is attached to this case for reference.

Project History

- 2023 – 2032 Capital Improvement Program – listed as street overlay for 2023
- Resolution #22-250, adopted November 7, 2022; City Council awarded a proposal to Bolton & Menk, Inc. for topographic survey of the project area.
- November 15, 2022; Public Works Committee gave recommendation for City Council authorization to prepare plans and specifications for the improvement project.
- Resolution #22-288; City Council ordered the City Engineer to prepare plans and specifications for the improvement project.

Pavement History

The streets within the subdivisions were built between 2002 and 2004. Pavement maintenance has included 2 crack seal / seal coat improvements, Alpine Meadows received an additional crack seal improvement. 2021 PASER values were between 6 and 8 for the street segments. Ground Penetrating Radar (GPR) was performed on some of the street segments within the project area, and are summarized in the street segment summary.

Proposed Improvements

Based on Staff review of the existing pavement sections, and condition of the existing pavements, a mill and overlay of the existing pavement is appropriate. The proposed mill and overlay will vary between 1 and 2 inches thick dependent upon the existing pavement thicknesses.

Staff review found the existing pedestrian ramps within the project area did not meet current ADA requirements, therefore all pedestrian ramps within the project area will need to be removed and replaced. The concrete curb and gutter in the project area were found to generally be in good condition, and only spot repairs are proposed.

Minor repairs to the existing storm sewer structures are proposed with this project, the majority of which are grouting the existing adjustment rings and pipe inverts. Some storm sewers catch basins will require resetting due to settling.

Alpine Drive Maintenance Repairs

During Staff review of City streets as part of the 2023 Temporary Pavement Repairs Plan, it was noted the segment of Alpine Drive between Trunk Highway 47 and Roanoke Street has several stretches with severe potholes, across the width of the drive aisles. The current CIP has this stretch of Alpine Drive slated for street reconstruction in 2030; however, Staff's opinion is that maintaining the street with only pot hole patching until 2030 is not realistic. Therefore, this project includes a 2-inch mill and overlay of the several pot hole areas, within the drive aisles, of Alpine Drive between Trunk Highway 47 and Roanoke Street. By overlaying the drive aisles, Staff feels they temporarily increase the drivability of Alpine Drive, and maintain the street until it's proposed street reconstruction in 2030. Because the Highlands at River Park subdivision is adjacent to this segment of Alpine Drive, mobilization costs will not be increased with this addition. The estimated project costs for the Alpine Drive improvements, including 14-percent indirect costs is \$45,521.12. These are proposed to be paid through the budgeted funds for the temporary pavement repairs plan.

Build Process

- Install traffic control measures
 - These are maintained throughout the project
- Project removals (spot curb and gutter, pedestrian ramps)
- Place new concrete curb and gutter and pedestrian ramps (5 to 7-day cure time)
- Mill existing pavement
- Finish structure adjustments, storm sewer catch basin repairs
- Restore the boulevard in any impacted areas
 - 4 inches topsoil, turf
- Place new bituminous pavement
 - Remove traffic control measures as allowed

Preliminary Schedule

- Staff Receives Bids
 - April 21, 2023
- Council Awards Contract to the lowest responsible bidder
 - April 25, 2023
- Contractor begins construction
 - May 2023
- Contractor Substantially Completes construction
 - June 30, 2023
- Contractor Final Completion (project clean up, punch list created)
 - July 28, 2023

The proposed improvements are designated as City Improvement #23-07, 2023 Neighborhood Pavement Overlay Improvements.

Notification:

If Council accepts the bids and awards a contract for construction of the improvements, letters will be mailed to property owners with updates on the project status. Engineering Staff maintains City Improvement webpages with the most current project information, this can be found on the City website, Engineering department page.

Time Frame/Observations/Alternatives:

Alternative #1 – Motion to adopt Resolution #23-084 accepting bids and awarding contract for 2023 Neighborhood Pavement Overlay Improvements, Improvement Project #23-07.

Alternative #2 – Motion of other.

Funding Source:

Funding for this improvement is proposed to come from Pavement Management Funds, 2023 Temporary Pavement Repairs Funds and Stormwater Utility Funds.

Bids were advertised in the Anoka Union Herald and in Finance and Commerce on March 31 and April 7, 2023. On April 21, 2023, a total of four (4) bids were received, opened, and tabulated, and the following bids were found to comply with the advertisement for bids.

Contractor	Total Bid
North Valley, Inc.	\$536,886.89
Asphalt Surface Technologies Corp.	\$598,075.79
Park Construction Company	\$617,800.35
Omamn Brothers Paving Inc.	\$681,971.27
<i>Engineer's Estimate</i>	<i>\$657,915.40</i>

The bid of North Valley, Inc. of Nowthen, Minnesota, in the amount of \$536,886.89 for the total bid construction of said improvements in accordance with the approved plans and specifications and advertisement for bids, is the lowest responsible bidder. Adding indirect costs in the amount of 14-percent brings the total project costs to \$612,051.05.

The low bid is 18-percent less than the engineer's estimate, primarily due to lower than anticipated bituminous costs.

Funding Source Breakdown:

Funding Source	Construction Costs	Indirect Costs	Total Costs
Pavement Management Funds	\$497,135.10	\$69,598.91	\$566,734.01
Stormwater Utility Funds	\$6,383.03	\$893.62	\$7,276.65
2023 Temp. Pavement Repairs Funds (Budgeted)	\$33,368.76	\$4,671.63	\$38,040.39
<i>Project Total</i>	<i>\$536,886.89</i>	<i>\$75,164.16</i>	<i>\$612,051.05</i>

Bolton & Menk submitted a proposal for construction staking of the proposed improvements, including the ADA compliant pedestrian ramps, for a total not-to-exceed amount of \$2,666.00. The construction staking is included in the indirect project costs, and proposed to be paid with Pavement Management funds.

City Staff proposes to administer and inspect construction. Plans and specifications were prepared in-house as part of Staff's normal duties.

Recommendation:

Staff recommends adopting Resolution #23-084 accepting bids and awarding contract for 2023 Neighborhood Pavement Overlay Improvements, Improvement Project #23-07.

Outcome/Action:

Motion to adopt Resolution #23-084 accepting bids and awarding contract for 2023 Neighborhood Pavement Overlay Improvements, Improvement Project #23-07.

Attachments

- 23-07 Street Summary
- 23-07 Title Sheet

23-07 Alpine Drive Plan Sheet

Res 23-084

23-07 Staking Proposal

Form Review

Inbox

Bruce Westby

Brian Hagen

Form Started By: Joe Feriancek

Final Approval Date: 04/21/2023

Reviewed By

Bruce Westby

Brian Hagen

Date

04/20/2023 04:13 PM

04/20/2023 04:17 PM

Started On: 04/17/2023 02:02 PM