



TO: Mayor Chuck Barney
Members of the City Council

FROM: Lance Meyer, P.E., City Engineer

DATE: April 24, 2017

SUBJECT: **Burdick Expressway Reconstruction 9th St to 15th St (Project 4179)**

I. RECOMMENDED ACTION

1. Recommend the Council concur with the bid recommendation from the NDDOT to award the bid to Keller Paving and Landscape of Minot in the amount of \$4,347,531.50.

II. DEPARTMENT CONTACT PERSONS

Lance Meyer, City Engineer	857-4101
Jacqueline Melcher, Assistant City Engineer	857-4132

III. DESCRIPTION

A. Background

The reconstruction of this section of Burdick expressway has been discussed for the last several years. The pavement section dates back to the 1960s and the utilities are the original 1910s installation.

B. Proposed Project

The proposed project will remove and replace the existing sewer, water, and storm sewer utilities. The roadway will be removed and replaced with a new concrete pavement section, ADA accessible sidewalks and curb ramps, a new traffic signal at 9th St, LED street lighting, aesthetic landscaping and colored concrete, and a pedestrian actuated overhead beacon at 13th St. The roadway will also be realigned through the oxbow at 9th St to make a safer road section. Left turn lanes will be added at 9th St and 13th St.

C. Consultant Selection

Apex Engineering Group was previously selected to perform the utility design and construction management for the project.

IV. IMPACT:

A. Strategic Impact:

Burdick Expressway is a primary highway corridor through Minot and the City's primary east/west route. The condition of this roadway is of strategic interest to the City and NDDOT. Below the roadway exist trunk sanitary sewer and trunk storm sewer lines both of which are in need of replacement. These critical pipes cannot fail without having major impacts to the City.

B. Service/Delivery Impact:

After project completion, the roadway will be enhanced with ADA corridors that meet codes, roadway geometry that meets current design standards, corridor beautification that enhances the Roosevelt Park and Zoo and Corbett Field areas. The utilities will be installed with resilient PVC and RCP piping systems that will last 75+ years.

C. Fiscal Impact:

The bid from Keller Paving and Landscape is broken down into these funding category amounts:

Roadway related items at 10% cost share:	\$ 354,660.96
Sewer and water related items at 100% cost share:	\$ 840,113.45
Storm sewer related items at 44% cost share:	\$ 116,843.17
Corridor enhancement related items at 10% cost share:	\$ 13,000.90
<u>Engineering and right of way related items at 10% cost share:</u>	<u>\$ 92,000.00</u>
Total Estimated Cost Share:	\$1,416,618.48

The City's cost share will come from general obligation bonds and State oil and gas funding.

V. ALTERNATIVES

The alternatives for this project were previously selected by the NDDOT and City Council. The alternatives were incorporated into the project design.

VI. TIME CONSTRAINTS

The project was bid on April 21st and a bid update will be placed on the committee's desk for review. The bid must be concurred with at the May 1st council meeting for the work to begin.

VII. LIST OF ATTACHMENTS

A. NDDOT Bid Breakdown