



TO: Mayor Tom Ross
Members of the City Council

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

DATE: March 4, 2024

SUBJECT: **2028 NDDOT URBAN PROGRAM SOLICITATION (4829)**

I. RECOMMENDED ACTION

1. Recommend the council concur with the staff recommendations and submit the requests to the NDDOT.

II. DEPARTMENT CONTACT PERSONS

Lance Meyer, City Engineer	701-857-4100
Emily Huettl, Assistant City Engineer	701-857-4100

III. DESCRIPTION

A. Background

Every year, the NDDOT solicits project applications for new or modifications to existing projects on the federal aid street system. The City receives approximately \$2.7 million a year in federal aid. The federal aid is tracked by the NDDOT until a project is programmed for construction. The engineering department manages the programming of federal aid for street maintenance and construction.

There are four NDDOT programs that the city typically submits project to which includes:

Transportation Alternatives (our safe routes to school program),
Urban Grant program (federal aid roads in the downtown corridor),
Urban Regional (federal aid projects on Valley St, Burdick Expressway, and Broadway), and
Urban Roads program which is all federal aid eligible arterials and collectors.

B. Proposed Project

Staff is recommending these **Urban Regional** projects be submitted to the NDDOT. The scoping reports with background information are attached to this memo.

Priority #1: South Broadway Reconstruction – 19th Avenue SW to South City Limits

Requested Construction Year: 2028

Estimated Project Cost: \$41.3M, Federal Share: \$34.1M, City Share: \$7.2M

Priority #2: US 83 and US 2/52 Interchange

Requested Construction Year: 2028

Estimated Project Cost: \$12.5M, Federal Share: \$12.5M, City Share: \$0

Staff is also recommending these **Urban Road** program projects be submitted to the NDDOT. The scoping reports with background information are attached to this memo.

Priority #1: 16th Street Reconstruction - Burdick Expressway to 14th Avenue SW
Requested Construction Year: 2025
Estimated Project Cost: \$14.7M, Federal Share: \$7.79M, City Share: \$6.9M

Priority #2: 16th Street Reconstruction - Burdick Expressway to 2nd Avenue SW
Requested Construction Year: 2028
Estimated Project Cost: \$11.7M, Federal Share: \$5.4M, City Share: \$6.3M

C. Consultant Selection

Consultant selection will take place in the future once the funds are programmed with the NDDOT. The council has already selected Apex Engineering Group for the 16th St SW projects.

IV. IMPACT:

A. Strategic Impact:

The above listed projects come directly out of recommendations from the Broadway Corridor Study and pavement management priorities. The City's goal is to keep these arterials in excellent condition and reduce traffic delays.

B. Service/Delivery Impact:

All of the above projects will reconstruct the pavements to concrete pavement to support the traffic loading. Signals will be replaced and modernized. All lighting will be upgraded to LED fixtures. Sidewalks and paths will be replaced with ADA compliant routes.

C. Fiscal Impact:

Once federal aid is allocated, local budget planning takes place. This process happens through the City's Capital Improvement Planning Process.

V. CITY COUNCIL ASPIRATIONS

This recommendation meets the safe and welcoming and excellent and connected aspirations.

VI. ALTERNATIVES

1. Council could choose to prioritize the projects in a different order.
2. Council could choose different corridors to prioritize.
3. Council could choose not to submit projects for federal aid.

VII. TIME CONSTRAINTS

The projects must be submitted to the NDDOT by February 29, 2024. The NDDOT is allowing staff to submit these projects on March 5th since they know our recent issues with the 16th St project. Typically, staff provides council with at least one meeting to consider any alternative projects. However, due to the recent funding issues with 16th St, staff had to rework the project costs which did not allow for alternative consideration this year.

VIII. LIST OF ATTACHMENTS

- A. South Broadway Reconstruction Scoping Report
- B. Broadway Interchange Scoping Report
- C. 16th Street Reconstruction Burdick to 14th Avenue Scoping Report
- D. 16th Street Reconstruction Burdick to 2nd Avenue Scoping Report