TO: Mayor Shaun Sipma  
Members of the City Council

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

DATE: December 6, 2021

SUBJECT: 2026 NDDOT URBAN PROGRAM SOLICITATION (4658)

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 fall, the NDDOT solicits project applications for new or modifications to existing projects on the federal aid street system. The City receives approximately $2.2 to $2.3 million a year in federal aid. The federal aid goes into our account until a project is programmed for construction. The engineering department manages the programming of federal aid for street maintenance and construction.

   B. Proposed Project
   The urban program is split into two categories:

   1. Urban Regional: Broadway, Burdick Expressway, Valley Street, US 2/52 Bypass, US 83 Bypass
   2. Urban Roads: Federal aid eligible collectors and minor arterials on City system

   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: 2026
   Estimated Project Cost: $28.6M, Federal Share: $24.8M, City Share: $3.8M

   Priority #2: US 83 and US 2/52 Interchange
   Requested Construction Year: 2026
   Estimated Project Cost: $10.3M, Federal Share: 10.3M, City Share: $0

   Staff is recommending these Urban Road projects be submitted to the NDDOT. The scoping reports with background information are attached to this memo.
Priority #1: 16th Street SW Reconstruction – 14th Avenue to 2nd Avenue SW
Requested Construction Year: 2025
Estimated Project Cost: $12.3M, Federal Share: $7.8M, City Share: $4.5M

Priority #2: 16th Street Interchange
Requested Construction Year: 2025
Estimated Project Cost: $2.8M, Federal Share: $2.6M, City Share: $0.56M

The projects listed here and their estimated construction year depend on the availability of federal funds. The projects may shift ahead in time if federal funds are not available. Or in the case of Broadway, the project will likely be broken up into several projects spread over multiple years. We placed the Broadway start year as early as possible and to be conservative, we placed the whole cost in 2026.

C. Consultant Selection
Consultant selection will take place in the future when the funds are programmed by the NDDOT.

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. 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.

VI. TIME CONSTRAINTS
The projects must be submitted to the NDDOT by December 31, 2021. If council wishes to select other corridors for improvement, staff needs to know that information at the December 6th meeting to begin preliminary cost estimating for the new corridors.

VII. LIST OF ATTACHMENTS
A. South Broadway Reconstruction Scoping Report
B. Broadway Interchange Scoping Report
C. 16th St SW Reconstruction Scoping Report
D. 16th St Interchange Scoping Report
E. Minot Urban Roads Funding Table