



TO: Mayor Tom Ross
Members of the City Council

FROM: Stephen Joersz, P.E., P.T.O.E., Traffic Engineer

DATE: February 21, 2023

SUBJECT: 4TH AVENUE NW LANE RECONFIGURATION

I. RECOMMENDED ACTION

1. Recommend approval to convert 4th Avenue NW from N Broadway to 26th Street NW from a four-lane roadway to a three-lane roadway with bicycle lanes as part of the 2023 City of Minot Street Seal maintenance project.

II. DEPARTMENT CONTACT PERSONS

| | |
|----------------------------------|----------------|
| Lance Meyer, City Engineer | (701) 857-4100 |
| Stephen Joersz, Traffic Engineer | (701) 857-4100 |

III. DESCRIPTION

A. Background

The Engineering Department recently completed a 4th Avenue NW Lane Reconfiguration Study that focused on 4th Avenue NW between N Broadway and the U.S. Highway 83 Bypass. This report reviewed lane utilization, historical traffic volumes, bicycle network, safety/crash analysis and traffic operations comparing the existing four-lane roadway to a proposed three-lane roadway. The study is Attachment A of this council memo.

B. Proposed Project

The Engineering Department is proposing a lane reconfiguration for 4th Avenue NW between N Broadway and 26th Street NW. This lane reconfiguration would convert 4th Avenue NW from four lanes, two in each direction, to a three lane roadway with bicycle lanes. A three-lane roadway would consist of one through lane in each direction along with a shared center turn lane.

4th Avenue NW between N Broadway and U.S. Highway 83 is currently part of the 2023 Street Seal project. Incorporating a lane reconfiguration with a roadway-resurfacing project is a great way to save project costs.

C. Consultant Selection

N/A

IV. IMPACT:

A. Strategic Impact:

The proposed improvement is anticipated to provide a safer and more usable roadway for the resident of the City of Minot.

B. Service/Delivery Impact:

This project is anticipated to improvement safety for all traveling public. As well as provide dedicated bicycle lane.

C. Fiscal Impact:

The Engineering Department is proposing to tie the lane reconfiguration into upcoming road construction projects. This keeps excess funding to a minimum.

V. ALTERNATIVES

Alt 1. The City Council could deny the lane reconfiguration for 4th Avenue NW.

VI. TIME CONSTRAINTS

The 2023 Street Seal project is currently Out-for-Bid. If council approves the lane reconfiguration in a timely manner, an addendum could be issued before the bid opening. If council approves the lane reconfiguration after the bid opening, a change order will need to be issued. Historically, better contractor unit prices are observed in addendums rather than in change orders.

VII. LIST OF ATTACHMENTS

A. 4th Avenue NW Lane Configuration Study