



TO: Mayor Chuck Barney
Members of the City Council

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

DATE: 5/31/2017

SUBJECT: US 2-42ND ST SE PROJECT REVISED COST PARTICIPATION AND
MAINENANCE (CPM) AGREEMENT CITY PROJECT 4181

I. RECOMMENDED ACTION

1. Recommend approval of the Cost Participation and Maintenance Agreement with the NDDOT and authorize the Mayor and staff to execute the agreement
2. Council pass a resolution authorizing the use of general obligation bonds to fund the city's share of the improvement cost.

II. DEPARTMENT CONTACT PERSONS

Lance Meyer, City Engineer	857-4100
Sunil Jeboo, Traffic Engineer	857-4111

III. DESCRIPTION

A. Background

The intersection at US Highway 2 and 42nd St in east Minot is slated for major improvements in 2018. The City entered into an agreement with the NDDOT to design the improvements in 2016. The project stems from a need identified in the City's 2035 Transportation Plan. The intersection currently warrants a traffic signal, has poor lines of sight, and has a poor level of service especially as traffic levels have increased with continued development in the area. The City and NDDOT have programmed local, State and Federal funds to pay for the improvements.

IV. IMPACT:

A. Strategic Impact:

The intersection of US 2 and 42nd St serves as a major access point to US 2 for both eastbound and westbound traffic in the area. To the east of the intersection 55th Crossing development, Nedrose School, NDDOT offices, and implement dealers need better access to the highway. To the west, new and existing industrial areas, City of Minot Public Works operations, and existing housing need better access to the highway. The re-alignment, traffic

signal, and adequate turn lanes will solve the access issues, level of service, and line of sight issues.

B. Service/Delivery Impact:

Access to businesses and residents within this area will be affected. Detour routes and construction phasing is set up to help alleviate the issues. Engineers and the NDDOT have been communicating and coordinating with the businesses to address as many concerns as possible.

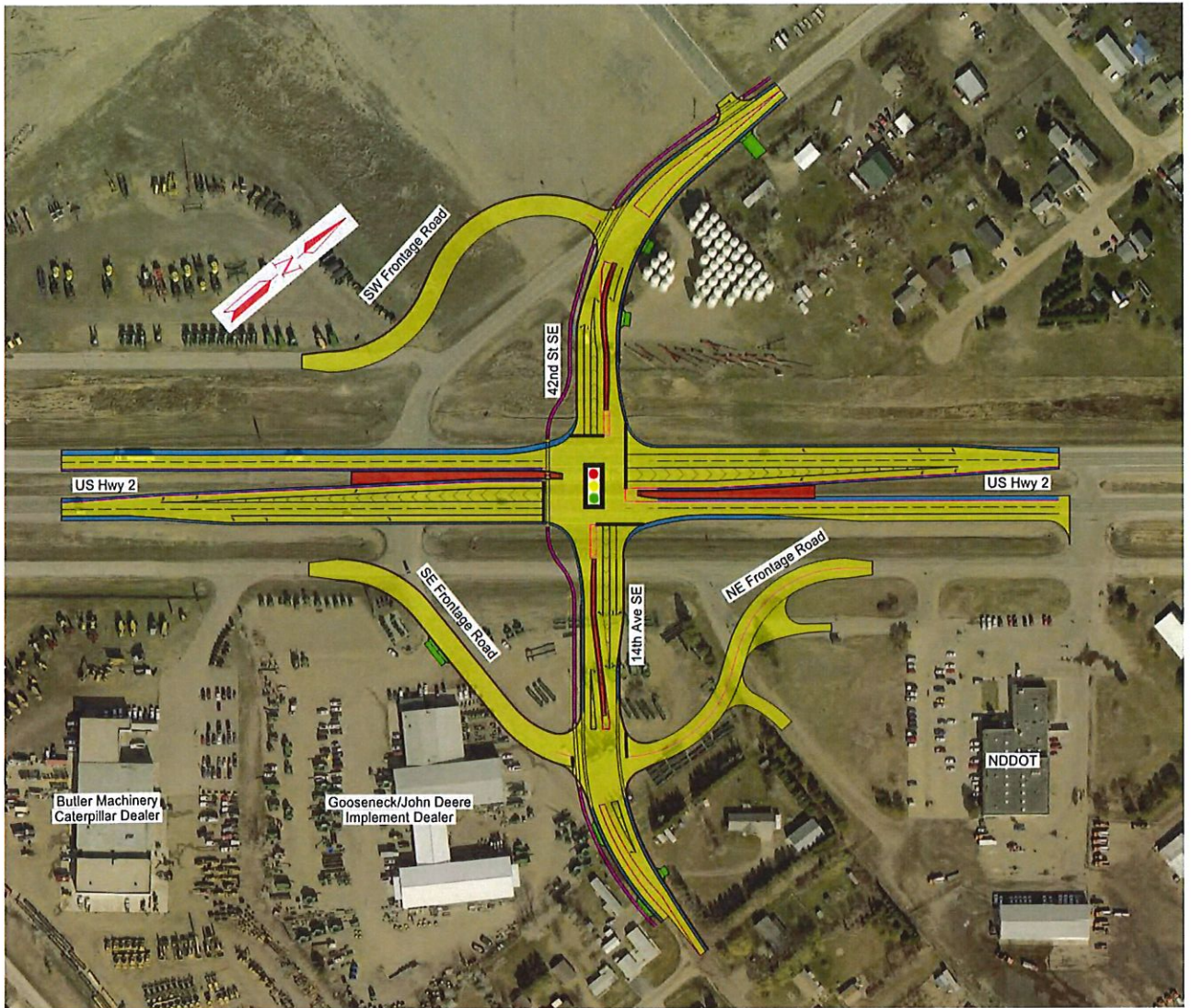
C. Fiscal Impact:

Local funds for this project have been identified in the City's Capital Improvement Plan. An engineering agreement with the NDDOT was approved in 2016 by the City Council. The estimated total project cost is \$4,402,065, almost entirely paid for by the Federal and State governments. The anticipated city share of the project cost is \$504,699 which is further broken down in the attached Appendix A of the CPM agreement. A revision to the agreement came after the initial agreement was sent to council for review. The revision was needed due to watermain relocation costs being included in the federal cost share which is ineligible for federal funding. The revision increased the city's cost share by \$134,374.

General obligation bonds would be used to pay for the City's local share of the project for street improvements. Reserve revenue bonds will pay for the watermain improvements (\$157,970).

V. **ALTERNATIVES**


Only two viable alternatives came from the preliminary design. Either build the project or do not build the project. Shown below is the build alternative:



VI. TIME CONSTRAINTS
N/A

VII. LIST OF ATTACHMENTS

- A. CPM Agreement NHU-4-002(116)149
- B. Appendix A Minot US 2 and 42nd St
- C. NHU-4-002(116)149 Map

Approved for Council Agenda: 

Date: 5/31/17