



City of Grand Forks
Staff Report
Committee of the Whole – November 25, 2019
City Council – December 2, 2019

APPROVED & ACCEPTED
by City Council

12/02/2019

Candice Stjern
Candice Stjern
Acting City Auditor

Agenda Item: Federal Funding Request – Urban Roads Program

Submitted by: Engineering Department, David J. Kuharenko, PE (Assistant City Engineer)

Staff Recommended Action: **Approve the Urban Road Program project funding requests and direct staff to submit the approved project to the Grand Forks – East Grand Forks Metropolitan Planning Organization for submission to the North Dakota Department of Transportation**

Committee Recommended Action:

Moved to City Council with the recommendation to approve. Motion carried unanimously.

Council Action: Approved unanimously on consent agenda

BACKGROUND:

The North Dakota Department of Transportation (NDDOT) is soliciting projects to be funded by their Urban Roads Program. This program provides Federal grant funding from the Federal Highway Administration (FHWA) and administered through the NDDOT. Roadways eligible for funding under the Urban Roads Program include classified streets within the city. To be considered for Federal funding these projects must be vetted and approved by City Council and forwarded onto the Grand Forks/East Grand Forks Metropolitan Planning Organization (MPO) for consideration.

Projects previously approved for federal funding under the Urban Roads Program in fiscal years 2020 to 2023 and included in the State Transportation Improvement Program (STIP) are as follows:

- 2020 - University Ave (State St to N 3rd St) Mill & Overlay*
- 2021 – N Columbia Rd (Overpass to University Ave) Reconstruction
- 2023 - Traffic Signal Maintenance (Citywide – Non Regional Roads) (Pending 2022)
*Excludes N 25th St to N Columbia Rd (Anticipated Reconstruction in 2022) & N Columbia Rd to the English Coulee (Reconstructed in 2019).

The Urban Roads Program allocates approximately \$2.3 million± annually to the City to be used on classified roadway projects. This is a program which allowed for 80% federal cost share in eligible items including construction and construction engineering. If the application is approved, the project will be added to the City's Transportation Improvement Plan.

After considering possible projects for funding under this program, staff recommends submitting the following project:

Columbia Rd Overpass Rehabilitation: This project is proposed to remove and replace the existing pot bearings and bridge piers as well as sandblasting and painting the steel bridge girders. A pot bearing is a mechanism that connects the bridge structure to the foundation and allows for expansion and contraction movement in the bridge. The pot bearings are aged and are heavily corroded. As the protective paint coating will be reaching the end of its anticipated useful life and in an attempt to minimize the number of projects over the railroad yard, including sandblasting and painting with this project is a reasonable inclusion. This project is anticipated to have a 2024 construction cost of \$8,430,000 and is expected to take multiple years' worth of funding allocation. Previously this project was applied for last year for funding in 2023 but was not programmed due to available funding. Staff is following up by reapplying for this project again as we said we would in 2018.

ANALYSIS AND FINDINGS OF FACT:

- The proposed project presented by staff is believed to meet the program requirements.
- Council approval is required prior to submittal to the MPO. Thereafter it will go before the MPO Technical Advisory Committee, and MPO Executive Board meeting, and then be forwarded to the NDDOT.
- On the basis of the attached project listing, the anticipated City cost for the three projects proposed to be funded under the Urban Roads Program is approximately \$5.9m between 2020 and 2024.
- City costs for projects to be funded by the Urban Roads Program will be from the Street/Infrastructure Fund 4815.

SUPPORT MATERIALS:

- 2020-2024 Urban Roads Program Federal Funding Program List with Cost Estimates (1 page)
- Project Location Map (1 page)
- NDDOT Letter dated November 2019 Soliciting for Urban Road Program Projects for Fiscal Year 2024 (1 page)

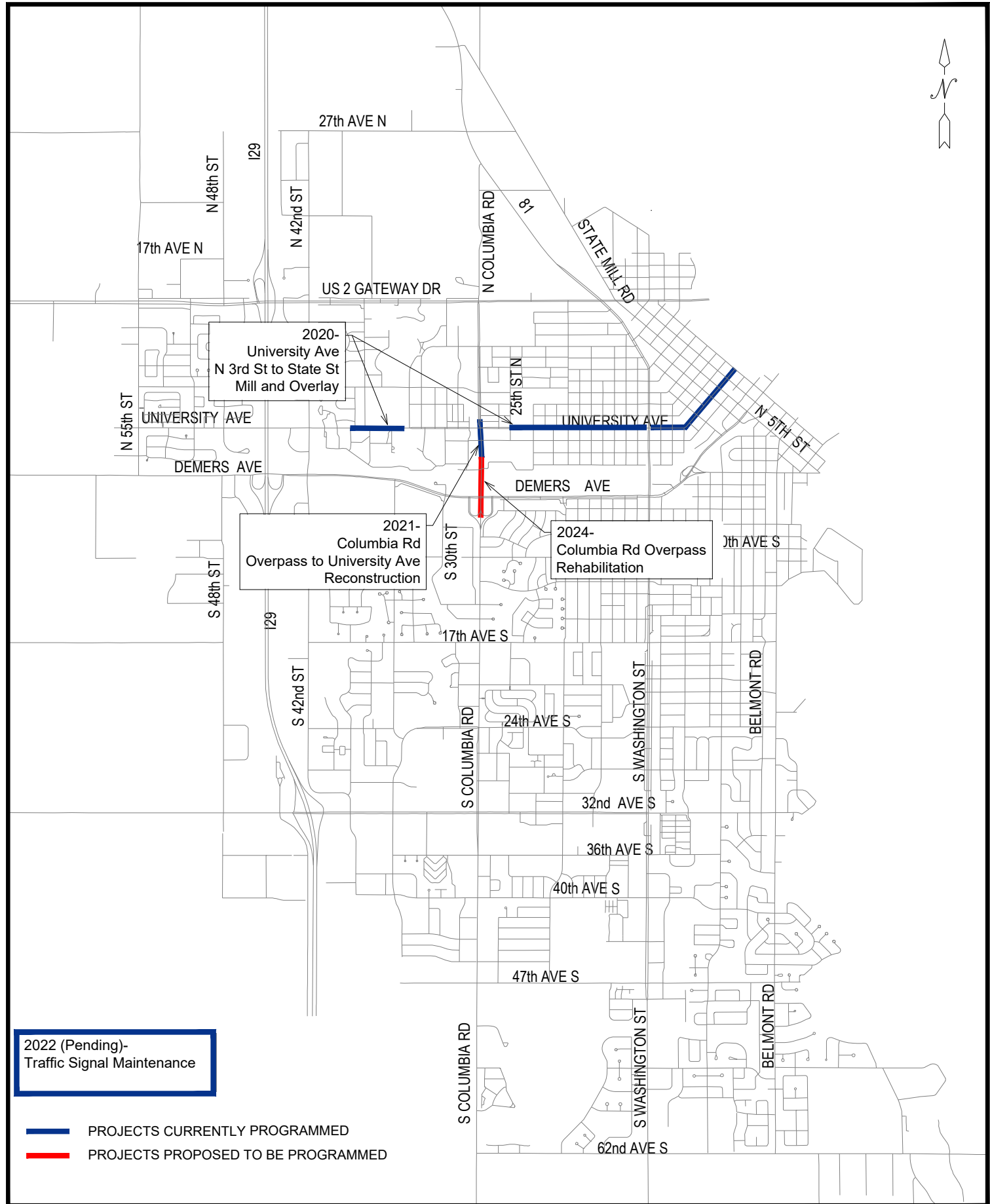
URBAN ROAD PROGRAM REQUESTS
CITY PROJECT SUMMARY 2020-2024
GRAND FORKS NORTH DAKOTA
SUBMITTED IN 2019

DATE: 11/21/2019

Allen Grasser
701.746.2640

FISCAL YEAR	CATEGORY	NHS	FUNCTIONAL CLASSIFICATION	INVESTMENT STRATEGY	TYPE OF WORK	PROJECT LOCATION	TOTAL FEDERAL, STATE AND CITY MATCH	FEDERAL SHARE	STATE SHARE	CITY MATCH	CITY OTHER		TOTAL CITY COST	TOTAL PROJECT COST
										R/W	MISC			
2020	URP	NO	Minor Arterial	PM	Mill & Overlay	University Ave (Mill & Overlay) (State St to N 3rd St)	\$3,073,000	\$2,459,000	\$0	\$614,000	\$0	\$388,000	\$1,002,000	\$3,461,000
2021	URP	YES	Principal Arterial	N/R	Reconstruct	N Columbia Rd (Reconstruction) (Overpass to University Ave)	\$5,470,000	\$4,376,000	\$0	\$1,094,000	\$0	\$774,000	\$1,868,000	\$6,244,000
2022*	URP	YES/ NO	Principal Arterial/ Minor Arterial/ Collector	PM	Signals	Traffic Signal Maintenance Citywide Non-Regional	\$2,850,000	\$2,280,000	\$0	\$570,000	\$0	\$250,000	\$820,000	\$3,100,000
2024	URP-1	YES	Principal Arterial	PM	Bridge Rehabilitation	Columbia Rd Overpass	\$8,430,000	\$6,744,000	\$0	\$1,686,000	\$0	\$500,000	\$2,186,000	\$8,930,000
2020-2024							\$19,823,000	\$15,859,000	\$0	\$3,964,000	\$0	\$1,912,000	\$5,876,000	\$21,735,000

* Indicates that this project is currently listed in the draft STIP for 2023, there is an indication that it is Pending in 2022
Investment Strategy: (N/R) New/Reconstruction, (PM) Preventative Maintenance
Estimated construction costs have been inflated to the year of construction
Newly requested projects are listed in bold



2022 (Pending)-
Traffic Signal Maintenance

- PROJECTS CURRENTLY PROGRAMMED
- PROJECTS PROPOSED TO BE PROGRAMMED



CITY OF
GRAND FORKS
ENGINEERING
DEPARTMENT

Urban Road Program Request
City Project Summary 2020-2024
Grand Forks North Dakota
Submitted in 2019

DATE 11/21/2019	CITY PROJECT 8103
SCALE NTS	PAGE 1 of 1

November 5, 2019

Bismarck-Mandan MPO
FM Metro COG
Grand Forks-East Grand Forks MPO

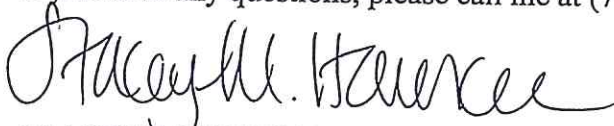
FISCAL YEAR 2024 URBAN PROGRAM SOLICITATION

The North Dakota Department of Transportation (NDDOT) is soliciting for Urban Roads and Urban Regional system projects for federal fiscal year **2024**. This solicitation is part of the planning cycle for the 2021-2024 STIP.

The amount of federal funding that will be available for fiscal year 2021 and beyond is unknown. The FAST Act concludes with fiscal year 2020, therefore predicting future federal funding levels is difficult beyond the current authorization. The enclosed urban program spreadsheet shows projected funding levels and should be used while developing your project requests. Requested projects will be reviewed closely to justify the use of federal aid. There is a possibility that not all projects will be funded or will receive the requested amount of federal aid. To accommodate unknown funding levels, the urban program needs to have enough projects planned, while remaining flexible in the event lower funding levels are received.

Please review the enclosed Urban Program Submittal Instructions sheet and submit all required documents to the Local Government Division by close of business on January 31, 2020.

If you have any questions, please call me at (701) 328-4469.



STACEY M. HANSON, P.E., ASSISTANT LOCAL GOVERNMENT ENGINEER

38/smh

Enclosures

c: District Engineers
City Engineers