



# City of Grand Forks

## Staff Report

Committee of the Whole – January 27, 2020

City Council – February 3, 2020

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**Agenda Item:** Plans and Specifications for City Project No. 7886 – Mill & Overlay, Concrete Pavement Repair, and Reconstruction of N 5<sup>th</sup> St from Demers Avenue to Gateway Drive

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**Submitted by:** Engineering Department, Mark S. Walker, PE (Assistant City Engineer)  
Mike Yavarow, PE (Civil Engineer Principal)

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**Staff Recommended Action:** **Approve Plans and Specifications for City Project No. 7886 – Mill & Overlay, Concrete Pavement Repair, and Reconstruction of N 5<sup>th</sup> St from Demers Avenue to Gateway Drive**

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**Committee Recommended Action:** Referred to City Council with recommendation to approve. Motion carried unanimously.

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**Council Action:** approved unanimously on consent agenda

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### **BACKGROUND:**

The N 5<sup>th</sup> Street project is being proposed by the North Dakota Department of Transportation (NDDOT) utilizing approximately \$1.6m of federal funding. The project includes reconstructing a half block of concrete pavement from Demers to 1<sup>st</sup> Avenue (the other half block was reconstructed during the Demers Avenue Reconstruction project), rehabilitating the section of concrete pavement from 1<sup>st</sup> to 2<sup>nd</sup> Avenue, and mill and overlaying the section from 2<sup>nd</sup> Avenue to Gateway Drive. The project is proposed to be funded with approximately 81% Federal funding, 8% State funding, and 11% City funding.

Although we are not sure of the exact year that N 5<sup>th</sup> Street was originally constructed, we know that the pavement is quite old. It consists of a concrete pavement that was last overlaid with asphalt pavement in 2000 and had a thin overlay installed in 2009 except for a section of N 5<sup>th</sup> Street from 1<sup>st</sup> to 2<sup>nd</sup> Avenue that was reconstructed with concrete pavement in 1986. In addition, about a half block of N 5<sup>th</sup> Street was reconstructed with concrete pavement in 2019 as part of the Demers Avenue Reconstruction Project. The traffic signal system along N 5<sup>th</sup> Street was upgraded in 2012.

This project has been considered at a number of previous Council/Committee/Public meetings, some of which are as follows:

- This project has been programmed for several years and has been included on the NDDOT's listing for projects eligible for Federal Highway Urban Funding.
- Originally when this project was first considered, it was assumed that the downtown Demers Avenue project would be a mill and overlay project and that the 5<sup>th</sup> Street project would be constructed at the same time as the Demers Avenue project so a number of updates and CATEX approvals for the N 5<sup>th</sup> Street project occurred with the Demers Avenue project.
- October 13, 2015 – A project update was provided to the Service/Safety Committee.
- January 8, 2018 - A project update was provided to the Committee of the Whole by the NDDOT.
- January 9, 2018 – A public input meeting was held.
- March 5, 2018 – Council approved the Documented CATEX, concurred with the project concepts as proposed, and selected to mill and overlay N 5<sup>th</sup> Street and to include sharrows.
- May 21, 2018 – Council approved a Preliminary Engineering Reimbursement Agreement for this project wherein the City agreed to reimburse the NDDOT for all of their project cost incurred should the City terminate the project.
- January 21, 2020 – Council approved a Cost Participation and Maintenance Agreement with the NDDOT and approved any necessary budget amendment.

#### **ANALYSIS AND FINDINGS OF FACT:**

- Currently all of N 5<sup>th</sup> Street from Demers to 2<sup>nd</sup> Avenue N exists as concrete except for a half block that has been overlaid with asphalt pavement. In lieu of milling and overlaying this half block section, the City asked that it be reconstructed so that the entire two block section will be concrete pavement at the completion of the project. The NDDOT permitted this request under the condition that \$250,000 of the City's allocation of Federal Urban Funds be incorporated into the project.
- The funding split is estimated to be approximately 81% Federal funding, 8% State funding, and 11% City funding.
- The current estimated total project costs are as follows:

\$1,997,263	Total Cost
\$1,616,385	Less Federal Share
<u>\$ 153,134</u>	Less State Share
\$ 227,744	Local Share
- Funding for the local share will be from Street/Infrastructure Fund 4815.
- The amount of funding included in the current City Budget is less than the estimated total City share for this project and the budget shortfall will be funded by unspent monies from other projects included in the budget that come in under budget or from projects that are not pursued in this budget year. In the event that insufficient funding is available to cover the local share of this project, a budget amendment will be processed.
- The project is scheduled to be bid on February 7, 2020 at the NDDOT bid letting.
- It is expected that this project will again be placed on the Committee of the Whole agenda on February 10, 2020 for award of bids.
- Construction is planned to take place during the 2020 construction season and be completed by the end of the construction season.

#### **SUPPORT MATERIALS:**

- Page 327 of the 2020 City Budget indicating funding source for this project (1 page)



# Street/Infrastructure Fund

G/L Account	Account Description	2017 Amended Budget	2017 Actual Amount	2018 Amended Budget	2018 Actual Amount	2019 Adopted Budget	2020 Adopted Budget	
	Adopted Budget					1.0000	85,000.00	85,000.00
	Adopted Budget					1.0000	1,000,000.00	1,000,000.00
	Adopted Budget					1.0000	300,000.00	300,000.00
	Adopted Budget					1.0000	50,000.00	50,000.00
	Adopted Budget					1.0000	125,000.00	125,000.00
	Adopted Budget					1.0000	100,000.00	100,000.00
	Adopted Budget					1.0000	80,000.00	80,000.00
	Adopted Budget					1.0000	111,000.00	111,000.00
	Adopted Budget					1.0000	100,000.00	100,000.00
	Adopted Budget					1.0000	100,000.00	100,000.00
	Adopted Budget					1.0000	290,000.00	290,000.00
	Adopted Budget					1.0000	60,000.00	60,000.00
	Adopted Budget					1.0000	20,000.00	20,000.00
	Adopted Budget					1.0000	200,000.00	200,000.00
	Adopted Budget					1.0000	800,000.00	800,000.00
	Adopted Budget					1.0000	36,000.00	36,000.00
	Adopted Budget					1.0000	20,000.00	20,000.00
	Adopted Budget					1.0000	60,000.00	60,000.00
	Adopted Budget					1.0000	160,000.00	160,000.00
	Adopted Budget					1.0000	640,000.00	640,000.00
	Adopted Budget					1.0000	460,000.00	460,000.00
	Adopted Budget					1.0000	1,440,000.00	1,440,000.00
	Adopted Budget					1.0000	616,000.00	616,000.00
	Adopted Budget					1.0000	47,600.00	47,600.00
	Adopted Budget					1.0000	150,000.00	150,000.00
	Adopted Budget					1.0000	300,000.00	300,000.00
	Adopted Budget					1.0000	300,000.00	300,000.00
	Adopted Budget					1.0000	100,000.00	100,000.00
	Adopted Budget					1.0000	500,000.00	500,000.00
	Adopted Budget					1.0000	728,800.00	728,800.00
	Adopted Budget					1.0000	350,000.00	350,000.00
							Adopted Budget Totals	\$12,935,559.00