



# City of Grand Forks Staff Report

**APPROVED & ACCEPTED**  
by City Council

03/04/2019

*Maureen Storstad*  
Maureen Storstad  
City Auditor

**Committee of the Whole – February 25, 2019**  
**City Council – March 4, 2019**

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**Agenda Item:** Plans and Specifications for City Project No. 8019, District No. 736 – Paving and Street Lights for Cherry St (11<sup>th</sup> Ave S to 17<sup>th</sup> Ave S)

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**Submitted by:** Engineering Department, David J. Kuharenko, PE (Principal Civil Engineer)

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**Staff Recommended Action:** **Approve Plans and Specifications for City Project No. 8019, District No. 736 – Paving and Street Lights for Cherry St (11<sup>th</sup> Ave S to 17<sup>th</sup> Ave S)**

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**Committee Recommended Action:** Refer to City Council with recommendation to approve.

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**Council Action:**

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## **BACKGROUND:**

Initially this project was proposed to reconstruct the existing asphalt overlaid concrete road; however, after further investigation, it was determined that a more cost effective approach would be to reconstruct a portion of roadway in the poorest condition, and rehabilitate the remaining portion to extend the life of the remaining pavement. This project is now proposed to reconstruct Cherry St from 14<sup>th</sup> Ave S to 17<sup>th</sup> Ave S, and to mill and overlay Cherry St from 11<sup>th</sup> Ave S to 14<sup>th</sup> Ave S, and install street lighting on Cherry St from 11<sup>th</sup> Ave S to 17<sup>th</sup> Ave S.

This existing concrete roadway was constructed in approximately 1950 with 6 inches of concrete on a clay base. The concrete surface received a 1 ½ inch asphalt overlay in 2000 and that was seal coated in 2008. The current pavement surface is in poor condition with severe cracking, broken and potholed sections, and heaved sections affecting the quality of ride. In the area of the proposed reconstruction, the curb and gutters are very flat with some negative drainage that often exhibits standing water. In the area of the proposed rehabilitation, the asphalt has reached the end of its life expectancy, and it would be a cost effective method to mill and overlay the existing asphalt surface. There are only a limited number of street lights in this section of the street therefore lighting is poor.

The reconstruction portion of the project will consist of removal and replacement of pavement, curb and gutter, driveway approaches, alley approaches, sidewalk approaches and street lights. Sanitary sewer and water manholes and gate valve boxes will be adjusted to new pavement elevations. Storm sewer manholes and catch basins will be adjusted or replaced to meet new elevations also. Storm sewer leads will be replaced as needed based on the inspection by the City Utility Departments.

City Council created the assessment district and approved the engineering agreement with CPS Engineering at the December 3, 2018 meeting. City Council approved the Engineer's Report and directed staff to prepare Plans & Specifications and advertise for Construction of Bids at the February 19, 2019 meeting.

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

- The work of this project is currently proposed to consist of reconstructing the paving on Cherry Street from 14<sup>th</sup> Avenue S to 17<sup>th</sup> Avenue S, milling and overlaying the existing asphalt street on Cherry St from 11<sup>th</sup> Ave S to 14<sup>th</sup> Ave S, and installing street lighting on Cherry St from 11<sup>th</sup> Ave S to 17<sup>th</sup> Ave S.
- CPS Engineering is currently under contract for design and bidding services for this project with a not to exceed contract amount of \$238,618.
- It is anticipated that the construction engineering services will be added with a future engineering amendment.
- The estimated cost of construction engineering services from CPS Engineering is \$286,000.
- The Engineer's Estimate for the reconstruction portion of the project is \$1,265,000.
- The Engineer's Estimate for the mill & overlay portion of the project is \$121,000.
- The Engineer's Estimate for the street lighting portion of the project is \$145,000.
- The total project cost, including construction, engineering, and a 10% contingency, is estimated at approximately \$2,056,000.
- Cherry Street is a classified street with the assessment district including half way to the next classified street. However, since South Washington St is typically not special assessed, the district extends to South Washington St.
- This project is protestable as per State law and the protest period is scheduled to expire on March 28, 2019.
- A portion of this project is to be funded with a City share as current City policy is to fund the 80% cost of Classified Street Reconstruction.
- Funding for the 20% property owner share will be from a special assessment of the benefiting property owners.
- Funding for this project will come from Fund 4815: Street & Infrastructure Fund – Street Maintenance Program.
- The project is scheduled to be bid on March 18, 2019.
- Approval of the Bids is currently scheduled for the March 25, 2019 Committee of the Whole and the April 1, 2019 Council.
- Construction is anticipated to take place during the 2019 construction season and be completed by the end of the 2019 construction season.

### **SUPPORT MATERIALS:**

- Timetable For Special Assessment Project (1 page)
- Project Location Map (Assessment District Map - 1 page)
- Page 320 of the 2019 City Budget indicating funding source for this project (1 page)

## TIMETABLE FOR SPECIAL ASSESSMENT PROJECTS

Project Name Paving and Street Lighting for Cherry St (11<sup>th</sup> Ave S to 17<sup>th</sup> Ave S)  
 Project Number 8019 District No. 736

- Paving
- Street Lighting
- Street Improvement
- Other \_\_\_\_\_

This timetable prepared by DJK  
 Revised by DJK

Date 11-16-18  
 Date 2-19-19

Action	Date of Action			Approved
	Other	Committee	Council	
Resolution creating assessment district.		11/26/18	12/3/18	
*Notices sent to property owners.	Week of 2/25/19			
*Special Assessment Commission to meet to determine preliminary distribution of benefits.	Week of 1/21/19			
Approval of Engineers Report including estimate. Direct engineering to prepare plans & specifications, and advertise for construction bids.		2/11/19	2/19/19	
Approval of plans & specs/set bid date.		2/25/19	3/4/19	We are Here
Resolution of Necessity published.	2/26/19			
**Advertisement for bids prepared.	2/27/19			
*Advertisement for bids published.	3/2/19			
Discuss Project. (Optional)				
***Bids received, opened & tabulated.	3/18/19			
#Recommend award of contract.		3/25/19		
Expiration of protest period.	3/28/19			
***Certificate as to sufficiency.	4/1/19			
Resolution as to protest and awarding contract.			4/1/19	

\*Responsibility of Finance & Administrative Services Office

\*\*Responsibility of Engineering Department.

\*\*\*Responsibility of Finance & Administrative Service Office & Engineering Department.

#If bids are more than 25% higher than engineers estimate, Finance & Administrative Services Office will notify property owners and protest period will be extended 2 weeks.





# Street & Infrastructure

Budget Year 2019

G/L Account	Account Description	2016 Amended Budget	2016 Actual Amount	2017 Amended Budget	2017 Actual Amount	2018 Adopted Budget	2019 Adopted Budget
Fund 4815 - Street/Infrastructure Fund							
	Adopted Budget					1.0000	300,000.00
	Minor Street Repair						300,000.00
	Adopted Budget					1.0000	2,385,000.00
	Street Mtce Program (3% Increase per Year)						2,385,000.00
	Adopted Budget					1.0000	80,000.00
	Intelligent Transportation System						80,000.00
	Adopted Budget					1.0000	60,000.00
	LED Street Light Replacement Program						60,000.00
	Adopted Budget					1.0000	20,000.00
	Diamond Grade Reflectivity of Signs						20,000.00
	Adopted Budget					1.0000	200,000.00
	N Washington CPR & Grind (8th Ave N to Gateway Dr)						200,000.00
	Adopted Budget					1.0000	11,000.00
	Advanced Ped Walk 42nd St. and Columbia Rd Corridors						11,000.00
	Adopted Budget					1.0000	50,000.00
	US Hwy 2 & N 55th St Traffic Signal						50,000.00
	Adopted Budget					1.0000	255.00
	Red Light Confirmation Indicators on Gateway						255.00
	Adopted Budget					1.0000	744,000.00
	N 62nd (10th to Gateway) (SIG Econ Devel)						744,000.00
	Adopted Budget					1.0000	100,000.00
	ADA/MPO/Other Consulting Services						100,000.00
	Adopted Budget					1.0000	369,000.00
	32nd Ave S Turn Lanes (Corridor Improvements)						369,000.00
	Adopted Budget					1.0000	20,000.00
	Washington Street Underpass Evaluation						20,000.00
	Adopted Budget					1.0000	47,600.00
	Washington St (Hammerling to 8th Ave N) ADA Ramps						47,600.00
	Adopted Budget					1.0000	150,000.00
	Point Bridge Rehabilitation (Portion from Bridge Reserve)						150,000.00
	Adopted Budget					1.0000	381,600.00
	S 42nd St (34th to 40th Ave S; Rural Section)						381,600.00
	Adopted Budget					1.0000	616,000.00
	Cherry St (60th to 62nd Ave S)						616,000.00
	Adopted Budget					1.0000	111,000.00
	N 5th St (Gateway to Demers-Mill & Overlay)						111,000.00
	Adopted Budget					1.0000	715,001.00
	Business US 2 Reconstruction (Demers to Red River)						715,001.00
	Adopted Budget					1.0000	60,000.00
	Demers Ave Traffic Signal						60,000.00
	Adopted Budget					1.0000	100,000.00
	Large Project Update/Continuation						100,000.00
	Adopted Budget					1.0000	80,000.00
	Bikepath Maintenance						80,000.00
	Adopted Budget					1.0000	232,408.00
	Bikepath Development (New)						232,408.00
	Adopted Budget					1.0000	50,000.00
	Quiet Zone Redundancy						50,000.00
	Adopted Budget					1.0000	100,000.00
	Maintenance of Street Lights						100,000.00
	Adopted Budget					1.0000	100,000.00
	Minor Intersection Improvement						100,000.00
	Adopted Budget					1.0000	80,000.00
	Transportation Studies						80,000.00
	Adopted Budget					1.0000	60,000.00
	Pavement Management						60,000.00
	Adopted Budget					1.0000	445,600.00
	S 34th St (45th to 47th Ave S)						445,600.00
	Adopted Budget					1.0000	50,000.00
	Consulting Assistance for Specifications Revisions						50,000.00
	Adopted Budget					1.0000	728,800.00
	N 36th St (20th to 24th Ave N) (SIG Econ Devel)						728,800.00