

NASHWAUK
PUBLIC UTILITIES
COMMISSION
REGULAR AGENDA

p: 218-885-1210



City of
NASHWAUK
FROM TIMBER TO TACONITE

301 Central Avenue, Nashwauk, Minnesota 55769

NPUC COMMISSION

TUESDAY, MAY 20, 2025

E. Milton Latvala

Chair

Mike Anderson

Commissioner

Mark Marinaro

Commissioner

Brian Ekholm

Commissioner

Tom Martire

Commissioner

1. CALL TO ORDER

2. ADOPTION OF AGENDA

3. APPROVAL OF MINUTES

- a. Minutes of the April 15, 2025, Nashwauk Public Utilities Commission meeting.

4. APPROVAL OF CLAIMS

5. SPECIAL ITEMS

6. OLD BUSINESS

- a. East Itasca Joint Sewer Project Update.
- b. 3rd Street Utility Project Update (2026 Project)
- c. Water Storage for Bozich, Co Garage, Mesabi Metallica.
- d. Tracking water tower restoration (2028 planning with \$600,000 estimate project costs)
- e. Updates and recommendations from Joe Peterson.
 - i. Consider the purchase of ACSR Wire & OH secondary for on-hand repairs from Border States in the amount of \$5,405.73.

7. NEW BUSINESS

- a. Consider approval of the indemnification agreement for substation relays between Nashwauk Public Utilities Commission and Mesabi Metallica Company, LLC.

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8. PUBLIC COMMENT. Members of the public are welcome to address the Commission. Please provide your name, a brief description of the subject matter, and keep comments to 5 minutes.

9. ADJOURN

**City of Nashwauk
Nashwauk Public Utilities Commission
April 15, 2025**

Chairman Latvala called the meeting to order at 1:00 p.m. in the Council Chambers of Nashwauk City Hall.

Members present: Chairman Milt Latvala, Commissioner Tom Martire, Commissioner Brian Ekholm, Commissioner Mark Marinaro.

Members absent: Commissioner Mike Anderson.

Also present: John Jamnick, April Kurtock, Joe Peterson, Jason Martire.

Adoption of Agenda

*Motion by Commissioner Ekholm, seconded by Commissioner Marinaro to adopt the agenda of the April 15, 2025, Nashwauk Public Utilities Commission meeting.

Ayes: all present. Motion carried.

Approval of Minutes

*Motion by Commissioner Marinaro, seconded by Commissioner Ekholm to approve the minutes of the March 18, 2025, Nashwauk Public Utilities Commission meeting.

Ayes: all present. Motion carried.

Approval of Claims

*Motion by Chairman Latvala, seconded by Commissioner Martire to approve the claims and file the claims register as official record.

Ayes: all present. Motion carried.

Old Business

East Itasca Joint Sewer Project Update

Commissioner Martire said that at the meeting held earlier that day, he learned that Lone Pine Township must put it to a vote before they can enter into debt.

Regarding the wastewater project, Jamnick said there is a manhole issue that needs to be addressed. Jamnick will design specs for the manhole and get a change order drafted from the contractor for the Commission's consideration.

Depreciation Savings Account

April Kurtock shared language from the Joint Sewer Agreement, which outlined the terms for funding depreciation. For the next meeting, she said she would have an estimate for depreciation funding needed based on the language within the agreement; however, for now, the NPUC could create the savings account.

*Motion by Commissioner Ekholm, seconded by Chairman Latvala to create a new savings account with Park State Bank for the purpose of depreciation for the Wastewater Treatment Plant.

Ayes: all present. Motion carried.

Welding Receptacle

Jason Martire shared that the City has requested funds from Mesabi Metallica to go toward the purchase of welders. Those welders were purchased, and one was intended for the wastewater treatment building. However, a welding receptacle was needed. He obtained a quote from JK Mechanical & Electrical Contractors for the receptacle in the amount of \$1,560.

*Motion by Commissioner Ekholm, seconded by Commissioner Martire to approve the quote from JK Mechanical & Electrical Contractors to install a welding receptacle at the wastewater treatment facility building in the amount of \$1,560.

Ayes: all present. Motion carried.

3rd Street Utility Project Update

John Jamnick shared that applications were submitted again to Klobuchar and Stauber's offices, requesting Congressionally allocated funding for the 3rd Street project.

Water System Follow-up

This project is on hold to see if the new pumps take care of the problem with water pressure for the northern most customers.

Joe Peterson Updates

Joe Peterson said that a decision will be made within the next two weeks if the initial grant application for the city-wide electrical project can move on to the final application. Because Nashwauk also serves a mining operation, the application may be more competitive.

Peterson discussed changes and progress at Mesabi Metallica. Regarding the 4kv issue, Mesabi Metallica is working toward remedy, but Peterson said it likely wouldn't be resolved until June.

Peterson said he and Steve Sherner were working with Minnesota Power regarding relay settings for the Mesabi Metallica substation. However, Minnesota Power had just notified him that they don't have time to help, so he and Steve will work with Mesabi Metallica to establish the settings. Because the substation will be customer owned, it should be the customer providing the settings. Peterson stated for liability reasons, the NPUC shouldn't get involved with figuring out the relay settings and those need to be provided by Mesabi Metallica.

New Business

Booster Station Electrical

*Motion by Commissioner Marinaro, seconded by Commissioner Martire to approve the quote JK Mechanical & Electrical Contractors for Pump Replacement in the booster station in the amount of \$17,429.

Ayes: Commissioner Marinaro, Commissioner Martire, Chairman Latvala. Nay: Commissioner Ekholm.

Commissioner Ekholm questioned the quote, as it was the only one received but thought the quote was high and additional quotes should have been obtained.

Water Meter Options

Jason Martire provided water meter options for the new school. One meter had a transmitter, and one had a remote.

*Motion by Commissioner Marinaro, seconded by Chairman Latvala to purchase the 4" digital water meter with a 50' remote capability from Ferguson in the amount of \$4,645.93.

Ayes: all present. Motion carried.

The Commission noted the need to establish a water and sewer rate for the school.

Well #4 Repairs

Jason Martire said the Department of Health had flagged repair needs within Well #4, as there were many rusted pieces within the well house. If not repaired, it would create a notice of violation. He obtained two quotes from JK Mechanical & Electrical Contractors for repair work and materials.

*Motion by Commissioner Martire, seconded by Commissioner Ekholm to approve quotes from JK Mechanical & Electrical Contractors related to the south pump house, which were pump house ductile iron work in the amount of \$16,055 and re-pipe work in the amount of \$16,293.

Ayes: all present. Motion carried.

Adjourn

*Motion by Commission Ekholm, seconded by Chairman Latvala to adjourn at 1:56 p.m.

Ayes: all present. Motion carried.

Secretary



Engineering

Land Surveying

Site Development

May 14, 2025

The Honorable Milt Latvala
Nashwauk Public Utilities Commission
301 Central Avenue
Nashwauk, MN 55769

**Re: Wastewater Treatment Improvements
Project No. 18-534**

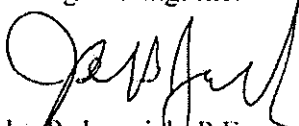
Dear Chairman Latvala:

The extended warranty of the aeration system at the Nashwauk WWTF was agreed upon for 2 additional years from September 24, 2024 to September 24, 2026. The City requesting an extension to keep the funding open with the PFA for an additional 2 years would allow the project to operate at normal conditions until summer of 2026 to validate the aeration issue has been resolved.

If you have any questions, please do not hesitate to contact our office.

Sincerely,

JPJ Engineering, Inc.



John P. Jamnick, P.E.

JPJ/dj

cc: Mr. Wes Leksell, P.E., Minnesota Pollution Control Agency, Duluth, MN
Mr. Ross Taylor, JK Mechanical Contractors, Inc.
Mr. Abe Klamm, JK Mechanical Contractors, Inc.
Mr. Jason Martire, City of Nashwauk



CONTRACT CHANGE ORDER

Job Name	Nashwauk Wastewater	Change Order Number:	1
Contract Job #	21-5112	Date:	09/26/2024
Job Address	34610 US HWY 169 Nashwauk, MN 55769	Revised Contract Amount	
To:	Nexom US, Inc. 323 North Spokane St. Unit 200 Post Falls, ID 83854	Original Contract Amount	\$485,643.72
		All Other Change Orders	\$0.00
		This Change Order	\$11,404.80
		Total Revised Amount of Contract	\$497,048.52

Description of Change Order:

Replace diffuser hoses with new weighted HDPE feeder lines.	\$	11,404.80
Replacement includes an additional 2 year warranty.		

TOTAL \$ 11,404.80

This Change Order becomes part of and in conformance with existing contract. All work and materials to be performed under the same terms and conditions as specified in the original contract inclusive of completion schedule or dates.

Changes Approved:
 By: Anousch Mathew *Anousch Mathew*
 Date: 9/26/24
 By: _____
 Date: _____

Respectfully submitted,
 JK MECHANICAL CONTRACTORS INC.
 Ross Taylor *[Signature]*
 Title: Project Manager
 Date: 9/26/24



Ross Taylor <ross@jkmehinc.com>

EIJSB - Feeder Line Replacement Quote

Muhamad Abdul Razaq <muhamad.abdulrazaq@nexom.com>

Wed, Sep 25, 2024 at 10:55 AM

To: Ross Taylor <ross@jkmehinc.com>

Cc: Abe Klamm <jkmehabe@gmail.com>, Byron Heppner <byron.heppner@nexom.com>, Peter Vieira <peter.vieira@nexom.com>, Lloyd Vasquez <lloyd.vasquez@nexom.com>, Lionel Ens <lionel.ens@nexom.com>

Hi Ross,

Addressing a few items that was brought up yesterday by Abe:

- We are actively working on the pre-fabrication in our shop. We antipirate having it ready to ship for next week. I hope to have a more concrete date for you by Friday this week.
- Nexom is willing to provide a 2 year warranty on the replacement materials.

Please let me know if any additional information is needed for the CO.

Thank you,



MUHAMAD ABDUL RAZAQ
MECHANICAL PROJECT DESIGNER
+1 431 446 5263

VISIT US AT WEFTEC 2024 IN BOOTH 1313!

From: Muhamad Abdul Razaq <muhamad.abdulrazaq@nexom.com>

Sent: Friday, September 20, 2024 4:08 PM

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nexomlogo_60f53e3c-3e47-4daf-82b7-d0731eab5794.png
7K



City of
NASHWAUK
FROM TIMBER TO TACONITE
301 Central Avenue, Nashwauk, Minnesota 55769

Phone: (218) 885-1210
Fax: (218) 885-1305
www.cityofnashwauk.com

April 30, 2025

Minnesota Department of Health
Drinking Water Revolving Fund Program
P.O. Box 64975
St. Paul, MN 55164-0975

RE: Amendments to 2025 MDH Project Priority List Project No. 1310024-5
Nashwauk Water Main Replacement Under 3rd Street

Dear Revolving Fund Coordinator:

Enclosed is the City of Nashwauk's updated project plan for the Water Main Replacement Under 3rd Street, project number 1310024-5, for the fiscal year 2026 Drinking Water Revolving Fund project priority list. Amendments include adjusting the project location and cost.

If you have any questions, please do not hesitate to contact me.

Sincerely,

April Kurtock
City Administrator/Clerk/Treasurer
City of Nashwauk

Enclosures

cc: John P. Jamnick, P.E., JPJ Engineering, Inc.

Drinking Water Revolving Fund Application

Project Priority List

Project Owner

City of Nashwauk

Project Name

3rd Street Watermain Replacement and Lead Service Line Replacement

Contacts

City Representative

April Kurtock, City Administrator
City of Nashwauk
301 Central Avenue
Nashwauk, MN 55769
218-885-1210
akurtock@nashwaukmn.gov

Proposal Writer

John P. Jamnick, P.E.
JPJ Engineering, Inc.
425 Grant Street, P.O. Box 656
Hibbing, MN 55746
218-929-0750
jjamnick@jppeng.com

Community Statistics & Population

Nashwauk is located in Itasca County, Minnesota. Incorporated in 1903, the economy was based on timber.

Current Population: 986

Current Households: 577

Projected 2030 Population: 900

2020 Median Household Income: \$35,556

System description

General

The City of Nashwauk is located in Itasca County in Nashwauk and Lone Pine Townships. The City serves drinking water to approximately 986 residents through 584 service connections using a single 300,000-gallon elevated water storage tank. Nashwauk City wells number 3 and 4 alternately supply fluoride-injected water to the storage tank. The majority of the distribution system consists of 6 and 8-inch ductile and cast-iron pipes. There are 4 dead legs in the system. The water tower is inspected and cleaned as needed. Hydrants and lines are flushed mid-summer. The water storage reservoir can be isolated for maintenance or in the event of a water supply disruption. A single supply well can maintain and supply water to the city during an emergency and water tower maintenance.

Need for Improvements

Distribution

This infrastructure project replaces the water, sewer, and stormwater systems for the six blocks of Third Street that pass through the center of the City of Nashwauk. This street provides access and utility service to the Nashwauk-Keewatin High School, churches, businesses, and residential neighborhoods. The improvements are part of the City's 5-year Capital Improvement Plan which outlines all city streets, alleys, and buildings, and the repairs that will be needed for them. The City's Capital Improvement Plan is updated annually and identifies Third Street as needing imminent repairs.

The project area includes Third Street from Hawkins Avenue to Fern Avenue and consists of replacing/fixing old water mains, old VPC sanitary sewer mains, and manholes as well as reconstruction of the existing storm sewer and street. The old VCP sanitary sewer mains will be replaced with 6" PVC. Water mains will be constructed with 6" DIP, hydrants, and gate valves will be replaced and all water services will be replaced with copper tubing and new curb stops. Restoration will include full restoration of the sidewalk, curb, bituminous surface, and other project-related restoration (32' curb and gutter sections) and replacement of storm sewer, catch basins, and storm manholes within the project limits.

Lead Service Lines

The city anticipates several lead service lines along 3rd Street. The city only owns the service line to the curb stop but would like to replace both the private and public portions of all lead service lines in conjunction with the water main project.

Alternatives

The city would like the water main replacement and lead service line replacement projects to remain on the Project Priority List at this time.

Alternative Selected

Distribution – Replace Water Main Under 3rd Street – The city believes the best time to complete the water main replacement is in conjunction with the sanitary sewer and storm sewer improvements and street reconstruction.

Lead Service Line Replacement – The city would like to fully replace all lead service lines in the project area.

Cost Summary

Replace Water Main Under 3rd Street - \$2,387,000

Description	Cost
Replacement Construction Costs	\$ 1,988,760
Engineering & Admin	\$ 298,314
Contingency	\$ 99,438
Total	\$ 2,387,000

Lead Service Line Replacement

Description	Cost
Replace 85 lead service lines @ \$5,000 each	\$ 425,000
Engineering & Admin	\$ 76,500
Contingency	\$ 42,500
Total	\$ 544,000

Project Schedule

Water Main and Lead Service Line Replacement

Engineering Plans and Specification: November 2025

Bid Project: April 2026

Award Contract: April 2026

Begin Construction: May 2026

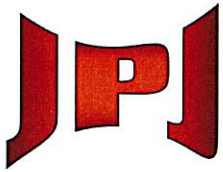
Substantial Completion: October 2026

Final Completion: July 2027

Miscellaneous

Enclosures

- Cost Estimate
- Memorandum
- Location Map



CITY OF NASHWAUK

3RD STREET INFRASTRUCTURE IMPROVEMENTS

CENTRAL AVENUE TO FERN AVENUE

PROJECT NO. 21-889

April 23, 2025

PRELIMINARY OPINION OF PROBABLE CONSTRUCTION COST

NO.	ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL PRICE
2101	CLEARING AND GRUBBING	1	L.S.	\$20,000.00	\$20,000.00
2104	REMOVE CURB AND GUTTER	4,200	LIN. FT.	\$3.00	\$12,600.00
2104	REMOVE SANITARY SEWER	2,620	LIN. FT.	\$3.00	\$7,860.00
2104	REMOVE BITUMINOUS PAVEMENT	9,500	SQ. YD.	\$2.00	\$19,000.00
2104	REMOVE SANITARY MANHOLE	8	EACH	\$600.00	\$4,800.00
2104	REMOVE MISCELLANEOUS	1	L.S.	\$15,000.00	\$15,000.00
2105	COMMON EXCAVATION	6,500	CU. YD.	\$15.00	\$97,500.00
2105	SELECT GRANULAR BORROW (CV)	3,300	CU. YD.	\$30.00	\$99,000.00
2112	GEOTEXTILE SEPARATION FABRIC	9,500	SQ. YD.	\$2.00	\$19,000.00
2211	AGGREGATE BASE, CLASS 5 (CV)	2,500	CU. YD.	\$25.00	\$62,500.00
2360	TYPE SP BITUMINOUS	2,200	TON	\$100.00	\$220,000.00
2451	GRANULAR FOUNDATION MATERIAL (LV)	300	CU. YD.	\$20.00	\$6,000.00
2506	CONSTRUCT SANITARY MANHOLE	8	EACH	\$4,000.00	\$32,000.00
2506	SANITARY MANHOLE FRAME SEAL	8	EACH	\$400.00	\$3,200.00
2506	ADJUST FRAME AND RING CASTING	4	EACH	\$250.00	\$1,000.00
2506	ADJUST GATE VALVE BOX	12	EACH	\$250.00	\$3,000.00
2521	4" CONCRETE WALK	21,000	SQ. FT.	\$5.00	\$105,000.00
2521	6" CONCRETE SIDEWALK (PCR)	1,400	SQ. FT.	\$12.00	\$16,800.00
2531	CONC CURB AND GUTTER, DES B618	4,200	LIN. FT.	\$14.00	\$58,800.00
2573	SILT FENCE	3,000	LIN. FT.	\$2.50	\$7,500.00
2573	STORM DRAIN INLET PROTECTION	48	EACH	\$200.00	\$9,600.00
2611	CONNECT TO EXISTING WATER MAIN	14	EACH	\$1,000.00	\$14,000.00
2611	HYDRANT	8	EACH	\$4,000.00	\$32,000.00
2611	6" GATE VALVE AND BOX	18	EACH	\$3,000.00	\$54,000.00
2611	CORPORATION STOP	72	EACH	\$400.00	\$28,800.00
2611	CURB STOP AND BOX	72	EACH	\$400.00	\$28,800.00
2611	COPPER WATER SERVICE PIPE	2,300	LIN. FT.	\$35.00	\$80,500.00
2611	LEAD SERVICE REPLACEMENT TO HOUSES	72	EACH	\$3,000.00	\$216,000.00
2611	6" DIP WATER MAIN AND FITTINGS	3,000	LIN. FT.	\$80.00	\$240,000.00
2575	SODDING/TURF ESTABLISHMENT	5,000	SQ. YD.	\$10.00	\$50,000.00
2621	SANITARY SEWER	2,620	LIN. FT.	\$80.00	\$209,600.00
2621	SANITARY SERVICE LINE	2,400	LIN. FT.	\$50.00	\$120,000.00
2621	SANITARY SERVICE WYE	72	EACH	\$300.00	\$21,600.00
2621	CONNECT TO EXISTING SANITARY SEWER	8	EACH	\$500.00	\$4,000.00
2621	CONNECT TO EXISTING SANITARY MANHOLE	2	EACH	\$1,000.00	\$2,000.00
2625	PIPE INSULATION	120	SQ. YD.	\$40.00	\$4,800.00
3000	ELECTRICAL WIRE/CONDUIT	2,500	LIN. FT.	\$25.00	\$62,500.00

TOTAL PROBABLE CONSTRUCTION COST	\$1,988,760.00
CONTINGENCIES	\$99,438.00
LEGAL, FISCAL, AND ENGINEERING	\$298,314.00
TOTAL PROBABLE PROJECT COST	\$2,386,512.00

SAY	\$2,387,000
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Engineering

Land Surveying

Site Development

Memorandum

To: The Honorable Milton Latvala
and Nashwauk Public Utilities Commission

From: John P. Jamnick, P.E.

Date: May 17, 2021
Revised April 23, 2025

Cc: Ms. April Kurtock, Clerk

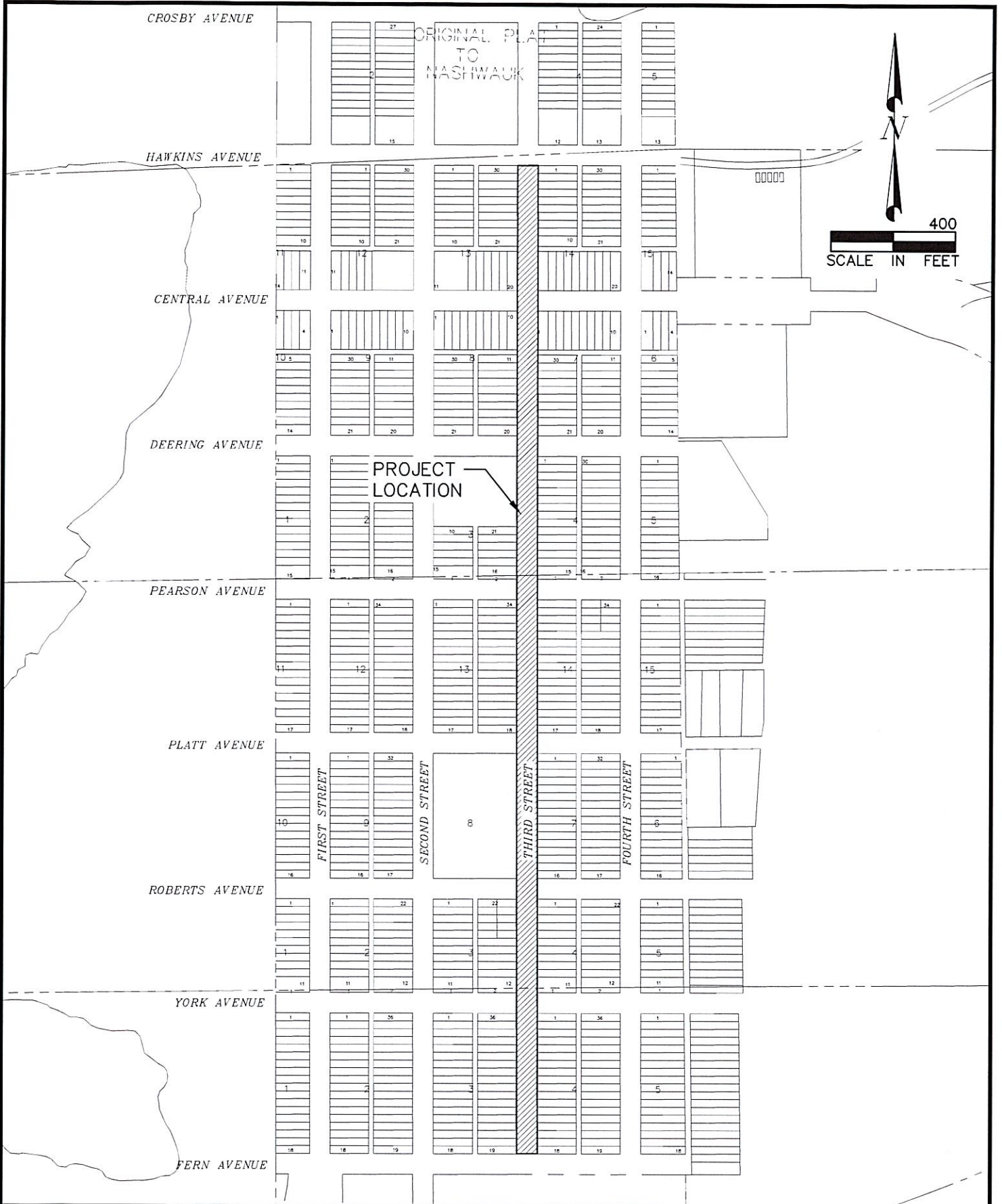
Re: Third Street Infrastructure Improvements –Hawkins Avenue to Fern Avenue
Design Report

The project area includes Third Street from Hawkins Avenue to Fern Avenue. This section consists of old VCP sanitary sewer mains and manholes that will be replaced/fixed, old water main replacement and reconstruction of the existing storm sewer and street.

The following project components are recommended:

- Replace the old VCP sanitary sewer mains, replace old sanitary manholes and sewer services with 8" PVC.
- Replace the old cast iron watermain with a new 6" DIP water main from Hawkins Avenue to Fern Avenue, replace old hydrants, gate valves and all water services with copper tubing and new curb stops.
- Restoration includes full restoration of sidewalk, curb, bituminous surface, and other project related restoration (32' curb and gutter section). Replace storm sewer, catch basins, and storm manholes within the project limits.

The total estimated project cost is \$2,387,000.



G:\Nashwauk\BASEMAP\New\2001\Nashwauk BaseMap, Itasca Co-South.dwg 4/23/2025 11:45 AM



425 Grant Street
 PO Box 656
 Hibbing, MN 55746
 (218) 262-5528
 www.jpjeng.com

3RD STREET RECONSTRUCTION

NASHWAUK, MINNESOTA

PROJECT NUMBER

21-889

SHEET NUMBER

April Kurtock

From: Joe Peterson <jpeterson@ireacs.com>
Sent: Tuesday, May 13, 2025 1:53 PM
To: Lance Hopke; April Kurtock
Subject: Primary Wire/Triplex
Attachments: Quote for Iron Range.PDF

Hello,

I had been talking to Border States the other day and they mentioned having some ACSR wire and OH secondary available. I had them send over a quote with enough so we could have some on hand for repairs/issues/projects that arise. I'd recommend picking up the attached so we have it on hand (main situation is the covered copper conductor that keeps breaking and this will allow replacing a stretch of it from deadend to deadend if/when needed).

Please let me know if you have any questions.

Thank you.

Joe Peterson, PE (MN, WI, IA, IL, MI, ND)
Owner/Principal Engineer
Iron Range Engineering and Consulting Services, PLLC
PO Box 397
Forbes, MN 55738
Cell: (218) 996-5301





Quote

Border States - DUL
4451 Airpark Blvd
Duluth MN 55811-5728
Phone: 218-727-8170

Quote: 27993401
Sold-To Acct #: 361745
Valid From: 05/13/2025 To: 05/20/2025
PO No: Quote for Iron Range
PO Date: 05/13/2025
Payment Terms: NET 30 DAYS

Created By: Easton H. Knealing
Tel No:
Fax No:

CITY OF NASHWAUK
301 CENTRAL AVE
NASHWAUK MN 55769-1131

Inco Terms:
FOB ORIGIN

Ship-to:
CITY OF NASHWAUK
301 CENTRAL AVE
NASHWAUK MN 55769-1131

Table with columns: Cust Item, Item, Material MFG - Description, Quantity, Price Per, UoM, Value. Includes line items 000010 and 000020, and a summary section for taxes and net amount.

To access Border States Terms and Conditions of Sale, please go to https://www.borderstates.com

The quoted sales tax is an estimate only based upon the information provided in this quote and will be finalized at the time of invoice based upon the material purchased, quantity purchased, and delivery location.

Shipping and handling fees in this quote are an estimate only and will be finalized at the time of invoice.

All clerical errors contained herein are subject to correction. In the event of any cost or price increases from manufacturers or other suppliers, caused by, but not limited to, currency fluctuations, raw material or labor prices, fuel or transportation cost increases, and any import tariffs, taxes, fees, or surcharges, Border States reserves the exclusive right to change its pricing at the time of shipping and will provide notice of any such change to its customers prior to costs being incurred.