



**MOUNTAIN IRON
CITY COUNCIL
MEETING**

MONDAY, OCTOBER 16, 2023

6:30 P.M.

**MOUNTAIN IRON COMMUNITY CENTER
MOUNTAIN IRON ROOM**

**MOUNTAIN IRON CITY COUNCIL MEETING
COMMUNITY CENTER
MOUNTAIN IRON ROOM
MONDAY, OCTOBER 16, 2023 - 6:30 P.M.
A G E N D A**

- I. Roll Call
- II. Pledge of Allegiance
- III. Consent Agenda
 - A. Minutes of the October 2, 2023, Regular Meeting (#1-8)
 - B. Receipts
 - C. Bills and Payroll
 - D. Communications
- IV. Public Forum
- V. Committee and Staff Reports
 - A. Mayor's Report
 - B. City Administrator's Report
 - 1. Winter Workers (#9)
 - C. Director of Public Work's Report
 - 1. Patching Quote (#10)
 - D. Library Director/Special Events Coordinator's Report (#11-12)
 - E. Sheriff's Department Report
 - F. City Engineer's Report
 - G. City Attorney's Report
 - H. Personnel Committee
 - 1. Secretary Position (#13)
 - I. Liaison Reports
- VI. Unfinished Business
- VII. New Business
 - A. Resolution Number 19-23 Accepting Report (#14-24)
 - B. Set COW Meeting to Review the 2024 Budget (#25)
- VIII. Communications
- IX. Announcements
- X. Adjourn

Page Number in Packet
*Enclosed

MINUTES
MOUNTAIN IRON CITY COUNCIL
October 2, 2023

Mayor Anderson called the City Council meeting to order at 6:29p.m. with the following members present: Councilor Ed Roskoski, Al Stanaway, Joe Prebeg Jr., and Mayor Peggy Anderson. Also present were: Craig Wainio, City Administrator; Tim Satrang, Director of Public Works; Lisa Stevens, Accounting Technician; Al Johnson, City Engineering; and SGT Grant Toma, Sheriff's Department. Absent members: Councilor Julie Buria

It was moved by Prebeg and seconded by Stanaway the consent agenda be approved as follows:

1. Approve the minutes of the September 18, 2023 regular meeting.
2. That the communications be accepted and placed on file and those requiring further action by the City Council be acted upon during their proper sequence on the agenda.
3. To acknowledge the receipts for the period September 16-30, \$156,029.15 (a list is attached and made a part of these minutes),
4. To authorize the payments of the bills and payroll for the period September 16-30, totaling \$455,645.46 (a list is attached and made a part of these minutes).

The motion carried with Councilor Buria absent (Yes: Stanaway, Buria, Anderson; No: Roskoski).

It was moved by Roskoski to amend the consent agenda and add the Fire Department report presented to the Communications section on the agenda. The motion failed due to lack of support.

It was moved by Roskoski to amend the original motion to remove the following bills from the consent agenda: Parts City in the amount of \$55.00; Napa Auto Parts in the amount of \$476.00 and the Taconite Tire in the amount of \$1,052.00 for separate consideration. The motion failed due to lack of support.

Public Forum:

- No one spoke during the forum

The Mayor reported on the following:

- Great job to City Crew for trimming trees around power lines throughout the City

City Administrator:

- Councilor Stanaway questioned City Administrator regarding the three positions that are still open; Interviews are currently being set up for the Secretary position, the hope is to have all positions filled by the end of the year
- Councilor Roskoski questioned the recent Traffic counters within the City; ongoing MnDOT program which is conducted every 3-4 years, with data provided on their website

Director of Public Works:

- No formal report

Sheriff's Department:

- No formal report

City Engineer:

- No formal report

It was moved by Roskoski and seconded by Prebeg to approve Resolution #16-23; Authorizing the City of Mountain Iron to Make Application to and Accept Funds from the Community Infrastructure Grant Program from the Department of IRRR for the South Grove Recreational Area project (a copy is attached and made a part of these minutes). The motion carried with Councilor Buria absent.

It was moved by Prebeg and seconded by Stanaway to approve Resolution #17-23; Authorizing the City of Mountain Iron to Make Application to and Accept Funds from the Community Infrastructure Grant Program from the Department of IRRR for the Water Main Construction project (a copy is attached and made a part of these minutes). The motion carried with Councilor Buria absent.

It was moved by Stanaway and seconded by Prebeg to approve Resolution #18-23; Authorizing the City of Mountain Iron to Make Application to and Accept Funds from the Community Infrastructure Grant Program from the Department of IRRR for the Capacity Improvement project (a copy is attached and made a part of these minutes). The motion carried with Councilor Buria absent.

It was moved Prebeg and seconded by Roskoski to donate \$500 to the Mountain Iron-Buhl High School Class of 2024 for their "37th Annual Chemical – Free All Night Graduation Party," monies to come out of the Charitable Gambling Fund. The motion carried with Councilor Buria absent.

It was moved by Prebeg and seconded by Stanaway to donate \$75.00, to the Mountain Iron-Buhl Journalism Class for the 2023-2023 Yearbook, monies to come from the Charitable Gambling Fund. The motion carried with Councilor Buria absent.

Announcements:

- Councilor Stanaway announced that the CDBG is opening up applications for funding, the City should look into it if there's any projects that would qualify for the CDBG

At 6:46 p.m., it was moved by Prebeg and seconded Stanaway by that the meeting be adjourned. The motion carried with Councilor Buria absent.

Submitted by:



Lisa Stevens
Accounting Technician
www.mtniron.com

Distribution Summary

Category	Distribution	GL Account	Amount
BUILDING RENTALS	COMMUNITY CENTER	101-36-6200-089	75.00
LICENSES	CIGARETTE	101-32-2100-000	100.00
LICENSES	LIQUOR	101-32-2100-000	1,680.00
METER DEPOSITS	ELECTRIC	604-22000	500.00
MISCELLANEOUS	ASSESSMENT SEARCHES	101-36-6200-070	30.00
MISCELLANEOUS	BC/BS - MEDICA PAYABLE	101-21709	1,574.87
MISCELLANEOUS	CHARITABLE GAMBLING PROCEEDS	230-31-1010-000	176.72
MISCELLANEOUS	DELTA DENTAL PAYABLE	101-21708	157.00
MISCELLANEOUS	MISC. - GENERAL	101-37-7100-023	14,748.67
MISCELLANEOUS	REIMBURSEMENTS	101-37-7100-022	2.53
PERMITS	BUILDING	101-32-2100-000	151.05
UTILITY	UTILITY	001-11105	136,833.31
Grand Totals:			156,029.15

Report Criteria:

Report type: Summary

Check Type = {<>} "Adjustment"

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Check GL Account	Amount
10/23	10/04/2023	159596	140005	NORTHERN FITNESS GROUP	101-20200	422.63- V
10/23	10/03/2023	159673	130011	UNITED STATES POSTAL SERVICE	601-20200	415.31
10/23	10/05/2023	159681	130004	MESABI TRIBUNE	101-20200	313.95
10/23	10/05/2023	159682	140005	NORTHERN FITNESS GROUP	101-20200	422.63
10/23	10/05/2023	159733	10070	A-1 RENTAL SERVICES INC	101-20200	2,191.00
10/23	10/05/2023	159734	14005	AIDAN BISSONETTE	101-20200	50.00
10/23	10/05/2023	159735	10042	AUTO VALUE VIRGINIA	101-20200	62.25
10/23	10/05/2023	159736	14008	BRIAN HOAG	101-20200	420.00
10/23	10/05/2023	159737	30055	BTAC ACQUISITION CORP.	101-20200	483.55
10/23	10/05/2023	159738	30016	CHAMPION AUTO	101-20200	54.94
10/23	10/05/2023	159739	745	CINDY FORSEEN	101-20200	200.00
10/23	10/05/2023	159740	190096	CURTIS SCHRAMM	101-20200	50.00
10/23	10/05/2023	159741	2034	DEREK GANGL	101-20200	165.56
10/23	10/05/2023	159742	30102	ERIC MONSON	101-20200	150.00
10/23	10/05/2023	159743	6004	FRED FAUST	603-20200	813.90
10/23	10/05/2023	159744	180026	GRAND FORKS FIRE EQUIPMENT LLC	101-20200	661.24
10/23	10/05/2023	159745	70029	GUARDIAN PEST CONTROL INC	101-20200	91.60
10/23	10/05/2023	159746	70009	GULBRANSON EXCAVATING CO	604-20200	4,050.00
10/23	10/05/2023	159747	2033	HAROLD SIMS	101-20200	331.12
10/23	10/05/2023	159748	80001	HILLYARD/HUTCHINSON	101-20200	997.00
10/23	10/05/2023	159749	80010	HOMETOWN ELECTRIC	601-20200	5,744.17
10/23	10/05/2023	159750	80037	HOMETOWN MEDIA PARTNERS	101-20200	123.30
10/23	10/05/2023	159751	30079	HUNTER GILBERT	101-20200	80.00
10/23	10/05/2023	159752	10043	IRON RANGE ENGINEERING & CONSULTING	604-20200	4,268.75
10/23	10/05/2023	159753	30096	JAMES HIPPLE	101-20200	160.00
10/23	10/05/2023	159754	1839	JANET WALTER	101-20200	200.00
10/23	10/05/2023	159755	30070	JULIA KNAPPER	101-20200	650.00
10/23	10/05/2023	159756	2035	KAREE HANCOCK	101-20200	331.12
10/23	10/05/2023	159757	140065	KEITH NYMAN	101-20200	230.00
10/23	10/05/2023	159758	120013	L & L RENTALS INC	101-20200	444.15
10/23	10/05/2023	159759	120002	LAWSON PRODUCTS INC	101-20200	539.73
10/23	10/05/2023	159760	130030	MACQUEEN EQUIPMENT	603-20200	315.46
10/23	10/05/2023	159761	130006	MESABI HUMANE SOCIETY	101-20200	2,041.67
10/23	10/05/2023	159762	130004	MESABI TRIBUNE	101-20200	18.75
10/23	10/05/2023	159763	6036	MIB ALL NIGHT GRAD PARTY	230-20200	500.00
10/23	10/05/2023	159764	130138	MIB YEARBOOK	230-20200	75.00
10/23	10/05/2023	159765	130194	MID-STATE TRUCK SERVICE INC.	101-20200	552.69
10/23	10/05/2023	159766	130008	MINNESOTA MUNICIPAL UTILITIES	101-20200	630.00
10/23	10/05/2023	159767	130009	MINNESOTA POWER (ALLETE INC)	101-20200	2,295.66
10/23	10/05/2023	159768	130180	MINNESOTA TELECOMMUNICATIONS	101-20200	464.17
10/23	10/05/2023	159769	130019	MP SYSTEMS	604-20200	60,162.06
10/23	10/05/2023	159770	30001	NAPA AUTO PARTS	101-20200	476.25
10/23	10/05/2023	159771	140052	NORTHEAST SERVICE COOPERATIVE	101-20200	111,960.17
10/23	10/05/2023	159772	140005	NORTHERN FITNESS GROUP	101-20200	422.63
10/23	10/05/2023	159773	140044	NORTHLAND LAWN, SPORT & EQUIPMENT	101-20200	95.23
10/23	10/05/2023	159774	130017	PARK STATE BANK	602-20200	252.72
10/23	10/05/2023	159775	160021	PIKE SANDY BRITT REGION	101-20200	500.00
10/23	10/05/2023	159776	170007	QUILL CORPORATION	101-20200	129.56
10/23	10/05/2023	159777	180006	RMB ENVIRONMENTAL LABORATORIES	602-20200	429.06
10/23	10/05/2023	159778	30078	RUSSELL RASK	101-20200	260.00
10/23	10/05/2023	159779	190109	SMART APPLE MEDIA	101-20200	596.91
10/23	10/05/2023	159780	190024	ST LOUIS CO SHERIFF LITMAN	101-20200	45,833.33
10/23	10/05/2023	159781	190032	STUART C. IRBY CO.	604-20200	63,586.83

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Check GL Account	Amount
10/23	10/05/2023	159782	5007	SUN LIFE FINANCIAL	602-20200	901.49
10/23	10/05/2023	159783	200003	TACONITE TIRE SERVICE	603-20200	1,051.95
10/23	10/05/2023	159784	2032	TAMMIE POSEY	101-20200	66.23
10/23	10/05/2023	159785	200028	TRI CITIES BIOSOLIDS DISPOSAL	602-20200	6,040.10
10/23	10/05/2023	159786	2031	TY DAVEY	101-20200	66.23
10/23	10/05/2023	159787	14003	TYLER NYGAARD	101-20200	240.00
10/23	10/05/2023	159788	210001	UNITED ELECTRIC COMPANY	604-20200	126.00
10/23	10/05/2023	159789	220025	VERIZON WIRELESS	601-20200	188.90
10/23	10/05/2023	159790	60038	WRIGHT EXPRESS FINAN SERV CORP	602-20200	8,538.47
10/23	10/05/2023	159791	240001	XEROX CORPORATION	101-20200	107.29

Grand Totals:

333,197.45

PP-Ending 09/15

\$122,448.01

TOTAL EXPENDITURES

\$455,645.46



CITY OF MOUNTAIN IRON

"TACONITE CAPITAL OF THE WORLD"

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RESOLUTION NUMBER 18-23

AUTHORIZING THE CITY OF MOUNTAIN IRON TO MAKE APPLICATION TO AND ACCEPT FUNDS FROM THE DEVELOPMENT INFRASTRUCTURE GRANT PROGRAM FROM THE DEPARTMENT OF IRRR

WHEREAS, the Mountain Iron City Council approves of the attached application for the Capacity Improvement project; and,

WHEREAS, the Mountain Iron City Council agrees to accept funding for the underlying project if approved by the Department of IRRR.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF MOUNTAIN IRON, MINNESOTA, that it does hereby adopt this Resolution.

DULY ADOPTED BY THE CITY COUNCIL THIS 2nd DAY OF OCTOBER, 2023.

ATTEST:



City Administrator



Mayor Peggy Anderson



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RESOLUTION NUMBER 17-23

AUTHORIZING THE CITY OF MOUNTAIN IRON TO MAKE APPLICATION TO AND ACCEPT FUNDS FROM THE COMMUNITY INFRASTRUCTURE GRANT PROGRAM FROM THE DEPARTMENT OF IRRR

WHEREAS, the Mountain Iron City Council approves of the attached application for the Water Main Construction project; and,

WHEREAS, the Mountain Iron City Council agrees to accept funding for the underlying project if approved by the Department of IRRR.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF MOUNTAIN IRON, MINNESOTA, that it does hereby adopt this Resolution.

DULY ADOPTED BY THE CITY COUNCIL THIS 2nd DAY OF OCTOBER, 2023.

ATTEST:



City Administrator



Mayor Peggy Anderson



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RESOLUTION NUMBER 16-23

AUTHORIZING THE CITY OF MOUNTAIN IRON TO MAKE APPLICATION TO AND ACCEPT FUNDS FROM THE COMMUNITY INFRASTRUCTURE GRANT PROGRAM FROM THE DEPARTMENT OF IRRR

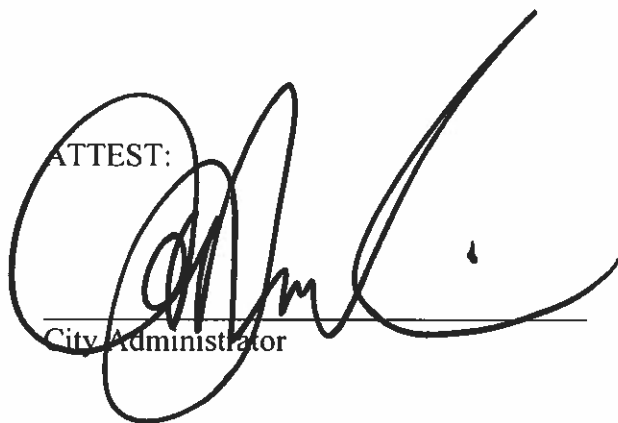
WHEREAS, the Mountain Iron City Council approves of the attached application for the South Grove Recreational Area project; and,

WHEREAS, the Mountain Iron City Council agrees to accept funding for the underlying project if approved by the Department of IRRR.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF MOUNTAIN IRON, MINNESOTA, that it does hereby adopt this Resolution.

DULY ADOPTED BY THE CITY COUNCIL THIS 2nd DAY OF OCTOBER, 2023.

ATTEST:



City Administrator

Mayor Peggy Anderson

COUNCIL LETTER 101623-IVB1

PARKS AND RECREATION

WINTER WORKERS

DATE: October 12, 2023

FROM: Craig J. Wainio
City Administrator

Staff is requesting that the City Council authorize the advertisement for Rink Workers for the upcoming season.

COUNCIL LETTER 101623-VC1

PUBLIC WORKS

PATCHING

DATE: October 12, 2023

FROM: Tim Satrang
Director of Public Works

Craig J. Wainio
City Administrator

Staff is requesting authorization to have a 31' by 72' patch placed in front of the compost area at the recycling center. There will be a total of 83 tons of asphalt placed at a total cost of \$12,250.

Mountain Iron Public Library

Monthly Report

September 2023

Circulation

Items checked out: 1,414 Items checked in: 1,496

Total Circulation of materials in September: 2,910

Attendance:

Adults: 402 Youth: 126 Patrons in September: 528

Special Events/Programs held: 5 (47 participants)

Reference Desk visits (email, phone, and messenger): 202 Computer Use Sessions: 110

Total Library usage: 575

Events and Activities at the library in September:

September 5th & 18th: City Council Meetings

September 12th: Friends of the Library Meeting

September 13th: Iron Range Tykes visit

September 15th: ALS Meeting (Ben)

September 15th, 22nd & 29th: Story Times

September 19th: Book-to-Movie event

September 20th & 27th: Kids Book Club

September 27th: Compass Meeting/ Mandated Reporter Training (ALS)

September 28th – 30th: FOL Book Sale

Upcoming Library/ City Events

October 1st – 23rd: FOL Cinnamon Roll Sale (Delivery Friday, November 3rd)

October 2nd & November 6th: Spirit Lake 4H Club

October 4th, 11th, 18th & 25th: Kids Book Club

October 6th (Fall Festival), 27th: Young Readers Story Time

October 10th, 12th, & November 9th: HEY Homeschool Group – Library Science

October 17th & November 14th: Book-to-Movie event

October 18th & November 15th: Iron Range Tykes Visits

October 24th: Legacy Program Graphic Memoir/ Pie Social

October 29th: Halloween Carnival

October 31st: Trick or Treat at the Library


November 3rd & 17th: Story Times

November 15th, 22nd, 29th: Kids Book Club



HALLOWEEN CARNIVAL

**MOUNTAIN IRON COMMUNITY CENTER
SUNDAY, OCTOBER 29TH *12-3PM**



**FREE ADMISSION IN COSTUME OR BRING A
DONATION FOR THE QUAD CITIES FOOD SHELF**

**PLAY GAMES! ALL GAME PROCEEDS BENEFIT
SCHOOL & COMMUNITY GROUPS.
COSTUME PRIZES AWARDED ON THE SPOT!**

LIONS CLUB - BINGO 12:30PM - \$.25/CARD

**MESSIAH LUTHERAN CHURCH
CONCESSIONS & BAKE SALE**



SPONSORED BY CITY OF MOUNTAIN IRON - PARKS & RECREATION

COUNCIL LETTER 101623-IVH1

PERSONNEL COMMITTEE

SECRETARY POSITION

DATE: October 12, 2023
FROM: Craig J. Wainio
City Administrator

The Personnel Committee will be conducting interviews for the Secretary position on Monday and may have a recommendation for the City Council at this meeting.



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RESOLUTION NUMBER 19-23

RECEIVING REPORT AND CALLING HEARING ON IMPROVEMENT

WHEREAS, pursuant to Resolution Number 21-22 of the City Council adopted October 17, 2022, a report has been prepared by Benchmark Engineering with reference to the improvement of the alleyway between Old Highway 169 and Mineral Avenue all located east of Mineral Avenue by Road Reconstruction, Alignment and Drainage Improvements and this report was received by the City Council on October 16, 2023, and;

WHEREAS, the report provides information regarding whether the proposed project is necessary, cost effective, and feasible; whether it should best be made as proposed or in connection with some other improvement; and the estimated cost of the improvement as recommended.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF MOUNTAIN IRON, MINNESOTA:

1. The City Council will consider the improvement of such streets in accordance with the report and the assessment of abutting property for all or a portion of the cost of the improvement pursuant to Minnesota Statutes, Chapter 429 at an estimated total cost of the improvement of \$200,000.
2. A public hearing shall be held on such proposed improvement on the 4th day of December, 2023, in the Mountain Iron Room of the Community Center at 6:30 p.m. and the City Administrator shall give mailed and published notice of such hearing and improvement as required by law.

DULY ADOPTED BY THE CITY COUNCIL THIS 16th DAY OF OCTOBER, 2023.

Mayor Peggy Anderson

ATTEST:

City Administrator



2022 Alley Drainage Improvements

Feasibility Study

City of Mountain Iron, Minnesota

June 2023

Project No. MI22-08

PREPARED BY:

BENCHMARK ENGINEERING, INC.

**8878 Main Street • P.O. Box 261 • Mt. Iron, MN 55768-0261
(218) 735-8914 Telephone • (218) 735-8923 Fax**

I hereby certify that this specification or report was prepared by me, or under my supervision, and that I am a duly licensed Professional Engineer, under the laws of the State of Minnesota.

Signature Alan J. Johnson

Printed Name Alan Johnson, PE

Date 6/22/2023

License No. 48185

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OVERALL SUMMARY & CONCLUSIONS

ATTACHMENTS

- ATTACHMENT A:
 - o PROJECT AREA MAP
- ATTACHMENT B:
 - o DETAILED CONSTRUCTION COST ESTIMATES

Background

On October 21st, 2022, the City of Mountain Iron authorized the preparation of a feasibility study for the 2022 Alley Drainage Improvements project. The project consists of approximately 0.3 mile (about 1900 feet) beginning at the alley east of the intersection of Mineral Avenue and Main Street continuing south, ending where the alley ties into Mineral Avenue.

Varying degrees of work will be done within the project area, dependent on the existing conditions. This feasibility study will review the existing conditions, discuss the different rehabilitation and repair options, and provide cost estimates for each proposed improvement alternative for the public hearing.

Existing Conditions

This alley is approximately 1850 feet long and eleven feet wide with no curb and gutter or sidewalks. There exists a 12" VCP sanitary and 4" CI water utilities, however, there are no storm sewer utilities or drainage ditches in the alley. The alley is primarily gravel with three bituminous access points and few private concrete driveways. The remaining driveways along the project have gravel surfaces. A project location map is attached.

Due to the lack of storm water management in the alley and with the existing grade for the road having less than 1% slope, poor drainage is observed during a rainfall events causing properties to flood in this area.

There has not been a geotechnical evaluation included with this report, subsurface materials and material depths are unknown.

Environmental Issues

There is a water-filled pit to the east of the entire project length, however, street construction is not anticipated to require environmental review or mitigation. Minor ditching may be performed for maintenance purposes only and would not drain the existing pit.

No tree clearing or site grading is anticipated for this project.

Construction Recommendations

Upon reviewing the existing conditions and based on discussions with the City of Mountain Iron, three alternatives have been proposed. The proposed improvement options are as follows.

Alternative 1 – Construct a Bituminous Alley with an Invert Crown.

A bituminous alley would be designed and constructed to create a low point in which water could drain away from private property and down the alley along the centerline of the road. The grade would be adjusted to allow water to drain more easily.

Advantages of this proposed improvement plan:

- Will provide adequate drainage for adjacent landowners
- This is the cheapest option

Disadvantages of this proposed improvement plan:

- Will increase grades to landowners' garages
- Landowners will still need to grade to alleyway or fill yards to promote drainage to alley.

Alternative 2 – Construct a Bituminous Alley with Curb & Gutter.

A bituminous alley will be designed and constructed to sheet drain to a curb on the east side of the alley. The grade of the road would also be changed to a 0.5% slope to allow for proper drainage along the roadway.

Advantages of this proposed improvement plan:

- Will have less impact on grades leading to landowners' garages than Alternative 1
- Will provide adequate drainage for adjacent landowners

Disadvantages of this proposed improvement plan:

- This is the highest priced alternative
- May still cause some grading issues with landowners' garage access
- Landowners will still need to grade to alleyway or fill yards to promote drainage to alley.

Alternative 3 – Install Storm Water Utilities in the Alley

A 24" concrete storm drain and twenty-one storm catch basins will be installed along the alley. Reconstruction of the alley materials is not included in this alternate.

Advantages of this proposed improvement plan:

- Will provide adequate drainage for adjacent landowners
- Will have minimal impact on grades for garage entrances
- Aid in erosion control efforts

Disadvantages of this proposed improvement plan:

- Is similar in price to alternate 2
- Will need coordination with adjacent landowners to reliably drain properties
- Landowners will still need to grade to alleyway or fill yards to promote drainage to alley.

Opinion of Cost

A detailed breakdown of the estimated costs for each project is attached. The cost includes a 15% construction contingency as well as engineering design. The estimated cost of construction is \$160,000 to \$260,000.

SUMMARY

In conclusion, the afore-mentioned information attempts to summarize the existing conditions and proposed improvement options for the alley east of Mineral Avenue in the downtown City of Mountain Iron.

Currently the area undergoes areas of ponding water due to the lack of storm water conveyance. Several options have been evaluated to fix the issue.

It is our opinion, based on this preceding information and summary of improvement options, that Alternative 1 would be the most feasible and would provide the City of Mountain Iron with the best long-term improvement options. This improvement would create a more suitable grade for drainage while keeping costs at a minimum.

Should the City of Mountain Iron intend to move forward with the above discussed improvements, it is recommended that the City Council or Street & Alley Committee decide whether to proceed with Alternative 1 (inverted crown alley), Alternative 2 (bituminous alley with curb & gutter), or Alternative 3 (storm water catch basins and concrete pipe).

Attachments

- Project Location Map
- Engineer's Estimate of Cost



2022 ALLEY DRAINAGE IMPROVEMENTS
CITY OF MOUNTAIN IRON, MN

PROJECT LOCATION MAP



OCTOBER 26 2022



ENGINEER'S ESTIMATE OF QUANTITIES AND OPINION OF COST
 ALLEY RECONSTRUCTION
 CITY OF MOUNTAIN IRON, MN
 10/26/2022

BUDGETARY USE ONLY

Inverted Crown Alternate

SPEC NO.	ITEM	UNITS	UNIT COST	EST. QUANTITIES	AMOUNT
2021.501	MOBILIZATION	LUMP SUM	\$ 10,000.00	1.0	\$ 10,000.00
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN. FT.	\$ 5.00	140.0	\$ 700.00
2104.504	REMOVE BITUMINOUS PAVEMENT	SQ. YD.	\$ 5.00	280.0	\$ 1,400.00
2105.522	SELECT GRANULAR BORROW (MOD) (CV)	CU. YD.	\$ 17.00	85.0	\$ 1,445.00
2105.607	COMMON EXCAVATION	CU. YD.	\$ 10.00	50.0	\$ 500.00
2105.604	GEOTEXTILE FABRIC TYPE IV	SQ. YD.	\$ 4.00	2300.0	\$ 9,200.00
2211.507	AGGREGATE BASE (CV) CLASS 5	CU. YD.	\$ 40.00	490.0	\$ 19,600.00
2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE	TON	\$ 130.00	220.0	\$ 28,600.00
2360.503	TYPE 12.5 NON WEAR COURSE MIX (2,C)	TON	\$ 130.00	290.0	\$ 37,700.00
2503.511	24" RC PIPE SEWER	LIN. FT.	\$ 65.00	550.0	\$ 35,750.00
2506.501	CONST. DRAINAGE STRUCTURE DES. F	LIN. FT.	\$ 100.00	10.0	\$ 1,000.00
2506.516	CASTING ASSEMBLY	EACH	\$ 900.00	2.0	\$ 1,800.00
2563.601	TRAFFIC CONTROL	LUMP SUM	\$ 2,000.00	1.0	\$ 2,000.00
2575.501	TURF ESTABLISHMENT	LUMP SUM	\$ 1,000.00	1.0	\$ 1,000.00

BASIS FOR ESTIMATED QUANTITIES:
 8" Class-5 aggregate base under bituminous
 12" Select granular under bituminous
 11' Alley width

CONSTRUCTION COST	\$	150,695.00
CONTINGENCY (15%)	\$	30,139.00
DESIGN/ENGR (9%)	\$	13,562.55
ESTIMATED TOTAL COST	\$	194,396.55

BENCHMARK ENGINEERING, INC.



ENGINEER'S ESTIMATE OF QUANTITIES AND OPINION OF COST
 ALLEY RECONSTRUCTION
 CITY OF MOUNTAIN IRON, MN
 10/26/2022

BUDGETARY USE ONLY

Curb and Gutter Alternate

SPEC NO.	ITEM	UNITS	UNIT COST	EST. QUANTITIES	AMOUNT
2021.501	MOBILIZATION	LUMP SUM	\$ 10,000.00	1.0	\$ 10,000.00
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN. FT.	\$ 5.00	140.0	\$ 700.00
2104.504	REMOVE BITUMINOUS PAVEMENT	SQ. YD.	\$ 5.00	280.0	\$ 1,400.00
2105.522	SELECT GRANULAR BORROW (MOD) (CV)	CU. YD.	\$ 17.00	85.0	\$ 1,445.00
2105.607	COMMON EXCAVATION	CU. YD.	\$ 10.00	75.0	\$ 750.00
2105.604	GEOTEXTILE FABRIC TYPE IV	SQ. YD.	\$ 4.00	2300.0	\$ 9,200.00
2211.507	AGGREGATE BASE (CV) CLASS 5	CU. YD.	\$ 40.00	540.0	\$ 21,600.00
2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE	TON	\$ 130.00	220.0	\$ 28,600.00
2360.503	TYPE 12.5 NON WEAR COURSE MIX (2,C)	TON	\$ 130.00	290.0	\$ 37,700.00
2506.502	ADJUST FRAME AND RING CASTING	EACH	\$ 980.00	3.0	\$ 2,940.00
2531.503	CONCRETE CURB AND GUTTER DESIGN B618	LIN. FT.	\$ 30.00	1,830.0	\$ 54,900.00
2563.601	TRAFFIC CONTROL	LUMP SUM	\$ 2,000.00	1.0	\$ 2,000.00
2575.501	TURF ESTABLISHMENT	LUMP SUM	\$ 1,000.00	1.0	\$ 1,000.00

BASIS FOR ESTIMATED QUANTITIES:

8" Class-5 aggregate base under bituminous
 6" Class-5 aggregate base under curb and gutter
 12" Select granular under bituminous
 11' Alley width

CONSTRUCTION COST	\$	172,235.00
CONTINGENCY (20%)	\$	34,447.00
DESIGN/ENGR (9%)	\$	15,501.15
ESTIMATED TOTAL COST	\$	222,183.15

BENCHMARK ENGINEERING, INC.



ENGINEER'S ESTIMATE OF QUANTITIES AND OPINION OF COST
 ALLEY RECONSTRUCTION
 CITY OF MOUNTAIN IRON, MN
 10/26/2022

BUDGETARY USE ONLY

Storm Sewer Alternate

SPEC NO.	ITEM	UNITS	UNIT COST	EST. QUANTITIES	AMOUNT
2021.501	MOBILIZATION	LUMP SUM	\$ 10,000.00	1.0	\$ 10,000.00
2105.607	COMMON EXCAVATION	CU. YD.	\$ 10.00	50.0	\$ 500.00
2211.507	AGGREGATE BASE (CV) CLASS 5	CU. YD.	\$ 40.00	600.0	\$ 24,000.00
2503.511	24" RC PIPE SEWER	LIN. FT.	\$ 65.00	1840.0	\$ 119,600.00
2506.501	CONST. DRAINAGE STRUCTURE DES. F	LIN. FT.	\$ 100.00	105.0	\$ 10,500.00
2506.502	ADJUST FRAME AND RING CASTING	EACH	\$ 980.00	1.0	\$ 980.00
2506.516	CASTING ASSEMBLY	EACH	\$ 900.00	21.0	\$ 18,900.00
2503.602	CONNECT TO EXISTING MANHOLES (STORM)	EACH	\$ 1,500.00	1.0	\$ 1,500.00
2563.601	TRAFFIC CONTROL	LUMP SUM	\$ 2,000.00	1.0	\$ 2,000.00
2573.502	STORM DRAIN INLET PROTECTION	EACH	\$ 150.00	1	\$ 150.00
2574.507	COMMON TOPSOIL BORROW	CU. YD.	\$ 40.00	34	\$ 1,362.96
2575.501	TURF ESTABLISHMENT	LUMP SUM	\$ 1,000.00	1.0	\$ 1,000.00

BASIS FOR ESTIMATED QUANTITIES:

5' Lin. ft. depth assumed for every manhole.
 5 Cu. yd. class-5 aggregate base under manholes
 2' Width 3" thick topsoil borrow
 11' Alley Width
 8" Class-5 section reconstruct

CONSTRUCTION COST	\$	190,492.96
CONTINGENCY (20%)	\$	38,098.59
DESIGN/ENGR (9%)	\$	17,144.37
ESTIMATED TOTAL COST	\$	245,735.92

BENCHMARK ENGINEERING, INC.

COUNCIL LETTER 101623-VIIB

ADMINISTRATION

MEETING

DATE: October 12, 2023
FROM: Craig J. Wainio
City Administrator

Staff is requesting that the following meeting be scheduled:

- COW Meeting to review 2024 Budget prior to December 4, 2023.