

**MOUNTAIN IRON CITY COUNCIL MEETING
COMMUNITY CENTER
MOUNTAIN IRON ROOM
MONDAY, JUNE 6, 2022 - 6:30 P.M.
A G E N D A**

- I. Roll Call
- II. Pledge of Allegiance
- III. Consent Agenda
 - A. Minutes of the May 16, 2022, Regular Meeting (#1-6)
 - 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. Temporary Seasonal Employees (#7)
 - C. Director of Public Works' Report
 - D. Library Director/Special Events Coordinator's Report
 - 1. Lost Item Fees (#8)
 - E. Sheriff's Department Report
 - F. City Engineer's Report
 - 1. Change Order Number 2 – TNT Construction (#10-16)
 - G. Fire Department's Report
 - H. Liaison Reports
- VI. Unfinished Business
- VII. New Business
 - A. Resolution Number 07-22 Grant Application (#17)
 - B. Resolution Number 08-22 Approving Feasibility Study (#18-29)
- VIII. Communications
- IX. Announcements
- X. Adjourn

Page Number in Packet
*Enclosed

MINUTES
MOUNTAIN IRON CITY COUNCIL
May 16, 2022

Mayor Anderson called the City Council meeting to order at 6:30p.m. with the following members present: Councilor Ed Roskoski, Julie Buria, Joe Prebeg Jr. and Mayor Peggy Anderson. Also present were: Craig Wainio, City Administrator; Tim Satrang, Public Works Director; Anna Amundson, Library Director/Special Events Coordinator; Amanda Inmon, Municipal Services Secretary; Bryan Lindsay, City Attorney; Al Johnson, City Engineer; and Grant Toma, Sheriff's Department.

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

1. Approve the minutes of the April 18, 2022 regular meeting as submitted.
2. Approve the minutes of the April 21, 2022 Local Board of Appeals & Equalization Board.
3. 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.
4. To acknowledge the receipts for the period May 1-15, totaling \$310,433.82 (a list is attached and made a part of these minutes).
5. To authorize the payments of the bills and payroll for the period May 1-15, totaling \$1,524,842.11 (a list is attached and made a part of these minutes).

It was moved by Roskoski and seconded by to amend the minutes to change the word mistake to **mistakes**, and the word was to were in the failed amended motion for the approved April 21, 2022 Local Board of Appeals and Equalization minutes. The motion failed due to lack of support.
The motion carried (Yes: Buria, Anderson, Prebeg; No: Roskoski).

Public Forum:

- No one spoke during the public forum

The Mayor reported on the following:

- Thank you to the City Crew for their hard work on the continuous water line breaks throughout the City in the recent weeks

City Administrator:

- No formal report

It was moved by Buria and seconded by Prebeg to hire the following as summer temporary employees:

Parks & Recreation:

Riley Kintner
Caden Renzaglia

Library:

Ashley Aho

Coaches:

Cassie Stevens	Josh Inmon
Charlie Overbye	Mike Larson
Jimmy Janckila	Bob Fox
Jesse White	Megan Priener
Abigail White	Jenna Norman

The motion carried.

It was moved by Prebeg and seconded by Buria to authorize Valentini's dba: Valentini's Supper Club to serve food, alcohol and non-alcoholic beverages at a wedding on Saturday, June 4, 2022, to be held at the Mountain Iron Community Center. The motion carried.

Director of Public Works:

- City Crews worked on water line break near Sherwin Williams/Sawmill, as well as near I&M
 - 1st leak near several utility services, worked all night long, valve installed south of leak
 - Total of 4 digs completed from Friday to Monday morning
- Other crew members were called out to help with issues from the big storm recently received

It was moved by Prebeg and seconded by Buria to authorize the purchase of 10 1.5yd Poly Dura Kans and 30 2yrd Poly Dura Kans Recycling Containers from Nedland Industries, Inc. in the amount of \$26,145.00. The motion carried on roll call vote (4:0).

It was moved by Prebeg and seconded by Anderson to send a letter from the City Council to the City Crew members, commending them for their hard work, during not only the numerous water line breaks, but also the time that they put in along with their dedication. The motion carried.

Library Director/Special Events Coordinator:

- No formal report
- "Community Clean up" scheduled Wednesday, May 18th – Saturday, May 21st
 - All residents, families, civic groups, and businesses are invited to participate
 - Call (218)750-4911 to designate your pick-up date/time/general area
 - Bags (required), gloves, and safety vests available/provided

Sheriff's Department:

- No formal report

City Engineer:

- No formal report

City Attorney:

- Update regarding Oriole Avenue – moving forward with process

Liaison report:

- Number of residents living on Voss Road have increased, discussion from St. Louis County may potentially pave part or all of Voss Road in the future

At 7:00p.m., it was moved by Buria and seconded by Roskoski that the meeting be adjourned. The motion carried.

Submitted by:



Amanda Inmon
Municipal Services Secretary
www.mtniron.com

Communications:

1. St. Louis County Board Online Auction beginning May 26th, and closing June 9th, full property listings available at <http://landsales.stlouiscountymn.gov>
2. Minnesota Department of Revenue's annual Mineral Hearing on unmined ore assessments for the year 2022 will be at 10:00am on May 23rd (will be a virtual hearing using WebEx)
3. Thank you from Club Mesabi on the continued support of the Mesabi Trail though the renewal of sponsorship, Great River Energy Mesabi Trail Tour is scheduled Saturday, August 20th

Distribution Summary

Category	Distribution	GL Account	Amount
CAMPGROUND RECEIPTS	CREDIT CARD FEES	101-36-6200-091	84.85
CAMPGROUND RECEIPTS	FEES	101-36-6200-091	2,560.00
CAMPGROUND RECEIPTS	LODGING TAX PAYABLE - W2 CAMP	101-20803	73.20
CAMPGROUND RECEIPTS	SALES TAX PAYABLE-W2 CAMPGR	101-20800	133.85
CHARGE FOR SERVICES	ELECTRIC-CHG FOR SERVICES	604-37-4100-000	132.03
CHARGE FOR SERVICES	REFUSE REMOVAL-CHG FOR SERVICE	603-34-4400-003	140.00
CHARGE FOR SERVICES	SEWER-CHARGE FOR SERVICES	602-36-2100-000	10.00
CHARGE FOR SERVICES	WATER-CHARGE FOR SERVICES	601-36-1001-000	8.64
FINES	CRIMINAL	101-35-5100-000	503.26
LICENSES	ANIMAL	101-32-2100-000	5.00
METER DEPOSITS	ELECTRIC	604-22000	1,150.00
MISCELLANEOUS	ASSESSMENT SEARCHES	101-36-6200-070	30.00
MISCELLANEOUS	BLUE CROSS/BLUE SHIELD PAYABLE	101-21709	107,344.65
MISCELLANEOUS	CABLE TV FRANCHISE FEE	101-36-6200-051	6,895.63
MISCELLANEOUS	CHARITABLE GAMBLING PROCEEDS	230-31-1010-000	182.82
MISCELLANEOUS	DELTA DENTAL PAYABLE	101-21708	3,526.00
MISCELLANEOUS	LIBRARY-COPIES, FINES, MISC	101-36-6200-092	1,323.00
MISCELLANEOUS	REC DEPT-VARIOUS FEES/PMTS	101-36-6200-090	230.00
MISCELLANEOUS	REIMBURSEMENTS	101-37-7100-022	207.02
MISCELLANEOUS	USABLE LIFE INS. PAYABLE	101-21710	569.08
UTILITY	UTILITY	001-11105	185,264.78
Grand Totals			310,433.82

port Criteria:
Report type Summary
Check Type = {<>} "Adjustment"

Period	Check Issue Date	Check Number	Vendor Number	Payee	Check GL Account	Amount
05/22	05/18/2022	157582	10056	A T & T MOBILITY	101-20200	.00 V
05/22	05/18/2022	157583	10012	ABE ENVIRONMENTAL SYSTEMS, INC	101-20200	1,617.73
05/22	05/18/2022	157584	10058	ALEX AIR APPARATUS, INC	101-20200	854.14
05/22	05/18/2022	157585	10021	ARROWHEAD LIBRARY SYSTEM	101-20200	254.00
05/22	05/18/2022	157586	10042	AUTO VALUE VIRGINIA	101-20200	193.69
05/22	05/18/2022	157587	20022	BENCHMARK ENGINEERING INC	301-20200	22,568.75
05/22	05/18/2022	157588	20047	BROCKWHITE CONSTRUCTION MAT.	602-20200	501.40
05/22	05/18/2022	157589	754	BRYNN ANDERSON	101-20200	200.00
05/22	05/18/2022	157590	30055	BTAC ACQUISITION CORP.	101-20200	736.68
05/22	05/18/2022	157591	30084	CARDMEMBER SERVICE	603-20200	7,605.61
05/22	05/18/2022	157592	170001	CENTURY LINK	101-20200	274.10
05/22	05/18/2022	157593	30073	COMPENSATION CONSULTANTS, LTD	101-20200	148.00
05/22	05/18/2022	157594	30072	COMPUTER WORLD	101-20200	2,779.69
05/22	05/18/2022	157595	1901024	CTC	101-20200	534.53
05/22	05/18/2022	157596	1546	DIANA SCHULTZ	604-20200	77.90
05/22	05/18/2022	157597	50049	ESSENTIA HEALTH	101-20200	120.00
05/22	05/18/2022	157598	60008	FAIRVIEW CLINIC-MOUNTAIN IRON	101-20200	412.00
05/22	05/18/2022	157599	60029	FERGUSON ENTERPRISES INC	601-20200	613.90
05/22	05/18/2022	157600	190090	GARRETT LENZEN	101-20200	150.00
05/22	05/18/2022	157601	70004	GRANDE ACE HARDWARE	602-20200	1,446.00
05/22	05/18/2022	157602	2017	HABITAT FOR HUMANITY	101-20200	200.00
05/22	05/18/2022	157603	80022	HAWKINS INC	602-20200	1,434.15
05/22	05/18/2022	157604	80001	HILLYARD/HUTCHINSON	101-20200	2,845.93
05/22	05/18/2022	157605	80037	HOMETOWN MEDIA PARTNERS	101-20200	1,685.50
05/22	05/18/2022	157606	315	IRON RANGE PARTNERSHIP	101-20200	200.00
05/22	05/18/2022	157607	100024	JENIA'S APPLIANCE & TV	101-20200	239.00
05/22	05/18/2022	157608	98	JENNIFER TOMCZYK	101-20200	35.00
05/22	05/18/2022	157609	1371	JIM MATTILA	101-20200	66.23
05/22	05/18/2022	157610	1547	JOHN ZUPANCICH & CARRIE WILTS	604-20200	35.19
05/22	05/18/2022	157611	110037	KELLER FENCE COMPANY	604-20200	9,965.00
05/22	05/18/2022	157612	120013	L & L RENTALS INC	602-20200	1,055.79
05/22	05/18/2022	157613	120006	L & M SUPPLY	603-20200	1,687.93
05/22	05/18/2022	157614	130030	MACQUEEN EQUIPMENT	603-20200	1,372.93
05/22	05/18/2022	157615	1548	MADISON GLASER	604-20200	97.71
05/22	05/18/2022	157616	1550	MARK HADRAVA	604-20200	109.37
05/22	05/18/2022	157617	703	MARK PATRICK SEMINARS	101-20200	200.00
05/22	05/18/2022	157618	941	MARQUETTE CATHOLIC SCHOOL	101-20200	200.00
05/22	05/18/2022	157619	130063	MIB HOOPS CLUB	101-20200	200.00
05/22	05/18/2022	157620	130194	MID-STATE TRUCK SERVICE INC.	603-20200	373.01
05/22	05/18/2022	157621	130116	MINNESOTA CITY/CO MGMT ASSOC.	101-20200	125.00
05/22	05/18/2022	157622	140026	MINNESOTA ENERGY RESOURCES	602-20200	3,169.32
05/22	05/18/2022	157623	130024	MINNESOTA POLLUTION CONTROL AG	602-20200	2,178.26
05/22	05/18/2022	157624	130009	MINNESOTA POWER (ALLETE INC)	604-20200	99,459.54
05/22	05/18/2022	157625	130180	MINNESOTA TELECOMMUNICATIONS	101-20200	464.17
05/22	05/18/2022	157626	30001	NAPA AUTO PARTS	604-20200	443.36
05/22	05/18/2022	157627	160066	PACE ANALYTICAL SERVICES, LLC	101-20200	57.00
05/22	05/18/2022	157628	1549	PAYTON PIERCE	604-20200	183.73
05/22	05/18/2022	157629	160023	POHAKI LUMBER	603-20200	99.36
05/22	05/18/2022	157630	160071	PURCHASE POWER	602-20200	1,500.00
05/22	05/18/2022	157631	180074	RANGE CORNICE & ROOFING CO	101-20200	6,926.00
05/22	05/18/2022	157632	424	RANGE RECREATION ASSOCIATION	101-20200	200.00
05/22	05/18/2022	157633	180006	RMB ENVIRONMENTAL LABORATORIES	602-20200	188.00
05/22	05/18/2022	157634	942	SARA FELIX	101-20200	200.00

Manual Check V = Void Check

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Check GL Account	Amount
05/22	05/18/2022	157635	190079	SCHINDLER ELEVATOR CORPORATION	101-20200	166.17
05/22	05/18/2022	157636	190045	SERVICE SOLUTIONS	101-20200	27.00
05/22	05/18/2022	157637	200	SHANNON KANGAS	101-20200	250.00
05/22	05/18/2022	157638	190059	ST LOUIS COUNTY AUDITOR	603-20200	33,795.00
05/22	05/18/2022	157639	190054	ST LUKES CLINICS	101-20200	229.00
05/22	05/18/2022	157640	200020	THE TRENTI LAW FIRM	101-20200	1,707.53
05/22	05/18/2022	157641	220028	VAN IWAARDEN ASSOCIATES	101-20200	1,500.00
05/22	05/18/2022	157642	220014	VIKING INDUSTRIAL NORTH	603-20200	718.57
05/22	05/18/2022	157643	220004	VIRGINIA DEPARTMENT OF PUBLIC	604-20200	47,218.57
05/22	05/18/2022	157644	220020	VISA OR PARK STATE BANK CC PMT	101-20200	1,739.46
05/22	05/18/2022	157645	240001	XEROX CORPORATION	101-20200	590.22
05/22	05/18/2022	157646	260001	ZIEGLER INC	101-20200	48.29
05/22	05/18/2022	157647	10056	A T & T MOBILITY	101-20200	1,656.89
05/22	05/18/2022	157648	10056	A T & T MOBILITY	101-20200	68.13
05/22	05/18/2022	157649	130011	UNITED STATES POSTAL SERVICE	604-20200	544.38
05/22	05/24/2022	157650	130031	MOUNTAIN IRON ECONOMIC DEV	101-20200	1,178,860.00

Grand Totals:

1,447,404.81

PP-Ending 05/13

77,437.30

TOTAL EXPENDITURES**\$1,524,842.11**

M = Manual Check, V = Void Check

COUNCIL LETTER 060622-VB1

ADMINISTRATION

SUMMER WORKERS

DATE: June 1, 2022

FROM: Craig J. Wainio
City Administrator

Staff is seeking City Council approval to hire the following as summer temporary employees:

Public Works:

Nolan Dunn
Beau Tapio

Coaches:

Anna Beadette
Nicole Nygard
Julia Lindseth

COUNCIL LETTER 060622-VD1

LIBRARY BOARD

LOST ITEM FEES

DATE: June 1, 2022

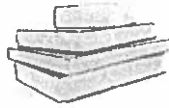
FROM: Library Board

Anna Amundson
Library Director

Craig J. Wainio
City Administrator

It is unanimously recommended by the Library Board that Library staff participate in the FRESH START SUMMER program (see attached language from the Arrowhead Library System) and undertake the following:

- Review patron records and waive all previous LOST ITEM FEES. As library books are considered government property (local), staff is requesting that 317 items, totaling \$4,612.90 be waived.
- Review patron records and waive previous fines and fees if possible (from participating libraries) to get kids and families ready for summer reading. The Mountain Iron Public Library will remain a fine-free location.
- Library staff, in conjunction with the Library Board, will update the LOST ITEM policy and make recommendations to implement said policy by October 1, 2022.



ALS Early Literacy Initiative Sub-Committee **Fresh Start Summer Recommendations**

The Arrowhead Library System (ALS) Early Literacy Initiative Sub-Committee falls under the umbrella of the CLAS youth services group and will oversee the progress of early literacy programming and projects in the ALS region. Membership is representational from ALS member public libraries.

The sub-committee met on March 21, 2022, to discuss the possibility of promoting a region-wide initiative to help get kids and families fine-free and ready for summer reading and learning. After reviewing national and statewide trends regarding lost items and fine forgiveness, the sub-committee recognizes fines and fees are barriers to youth in our communities and, in order to help reduce barriers to library use and encourage life-long learning, the sub-committee makes the following recommendations to ALS member public libraries:

- May 16-31, 2022: For fine-free locations and others, review patron records and waive previous fines and fees if possible to get kids and families ready for summer reading.
- May 16-August 31, 2022: When youth ages 0-18 return lost items to the library, all attached fines and fees will be waived. No fees will be charged to youth ages 0-18 for replacement library cards.
- June 1-August 31, 2022: Offer Fresh Start Summer @ Your Library!
Fresh Start Summer is a way for kids and teens who have lost or damaged items to do some sort of activity in the library and/or at home and have the charge removed. We know that many kids and teens do not have the ability to pay off fees and this prevents the very kids who need the library most from using it. This program holds kids accountable for lost or damaged items while also giving them the opportunity to earn back their ability to check out items from the library. Each library will determine how the local program will tie into summer reading initiatives and how fines will be waived at the local level. ALS will create a press release listing the locations participating in the Fresh Start Summer program.

Members of the ALS Early Literacy Initiative Sub-Committee:

- Keiko Satomi, Cloquet Public Library
- Crystal Phillips, Cook Public Library
- Carmella Hatch, Steph Lorek and Sue Schumacher, Duluth Public Library
- Erika Ternes, Grand Marais Public Library
- Emily Ekstrand-Brummer & April Fountain, Hibbing Public Library
- Diane Adams, International Falls Public Library
- Stephanie Wichlacz, Virginia Public Library
- Mollie Stanford, Arrowhead Library System



CIVIL AND ENVIRONMENTAL ENGINEERING • PLANNING
MINING • LAND SURVEYING • LAND DATA BASE MAPPING

8878 Main Street • P.O. Box 261
Mt. Iron, MN 55768-0261
tel: 218-735-8914 • fax: 218-735-8923
email: info@bm-eng.com

May 31, 2022

Mr. Craig Wainio, City Administrator
City of Mountain Iron
8586 South Enterprise Drive
Mountain Iron, MN 55768

Re: Proposed Well #3
City of Mountain Iron
Project No.: MI15-08
Bid Package 2

Dear Mr. Wainio;

Enclosed please find Change Order No. 2. Change order 2 is needed to increase the wire size to pump and controls. This Change Order increases the contract amount by \$10,299.00.

If approved sign and return this Change Order. See enclosed information from the Contractor.

If you have any questions or need additional information, please do not hesitate to contact me.

Sincerely,
Benchmark Engineering, Inc.

Alan J. Johnson, P.E.

Project Engineer
Enclosure

Pc: Clay Witkofsky, TNT Construction Group, LLC.

CHANGE ORDER

Order No. 2

Date: 5/31/22

NAME OF PROJECT/PROJECT NO: Proposed Well 3/MI15-08

OWNER: City of Mountain Iron

CONTRACTOR: TNT Construction Group
40 County Road 63, Grand Rapids, Minnesota 55744

ENGINEER: Benchmark Engineering, Inc.

Reason for Change Order:

This Change Order is to modify electrical equipment to accommodate a larger well pump. Changes to Controls, and wire size are necessary.


The following changes are hereby made to the CONTRACT DOCUMENTS:

The contract amount is increased by \$10,299.00.

Change to CONTRACT PRICE:

Original CONTRACT PRICE	\$ <u>139,000.00</u>
Current CONTRACT PRICE adjusted by previous CHANGE ORDERS	\$ <u>168,965.00</u>
The CONTRACT PRICE due to this CHANGE ORDER will be <u>increased</u> by:	\$ <u>10,299.00</u>
The new CONTRACT PRICE including this CHANGE ORDER will be:	\$ <u>179,264.00</u>

Recommended by:


Engineer (Authorized Signature)

5/31/22
Date:

Approved by:

Owner (Authorized Signature)

Date:

Accepted by:

Contractor (Authorized Signature)

Date:



TNT Construction Group

40 County Road 63, Grand Rapids, Minnesota 55744 Phone: 218-326-1881 Fax: 218-326-9296


Proposal/Change order

- Today's Date 05/09/2022
- Proposal submitted to: City of Mt. Iron
- Project name: Mt. Iron Pumphouse
- Project Location: Mt Iron MN
- Description of work: Increase Pump Size at Mt Iron Municipal Well
- Date of drawings: N/A
- Addendums

Proposal Includes,

Increase Pump Size	\$9,363.00
Overhead and Profit @ 10%	\$936.00

We propose hereby to furnish equipment, material, and labor for the sum of:
Ten Thousand Two Hundred Ninety Nine Dollars 00/100 (Bid Total: \$ 10,299.00)

Signed and prepared by: 
Project Manager/Estimator, Clay Witkowsky
clay@tnt-cg.com
218-398-2141 Mobile. 218-326-1881 Office. 218-326-9296 Fax.
Hammerlund Inc. UNION CONTRACTOR
40 County Road 63, Grand Rapids, MN 55744
Web site: <http://hammerlundconstruction.com>

Note: Proposal may be withdrawn if not accepted within _____ days

Acceptance of proposal: Signed _____ Date: _____

LANYK ELECTRIC, INC

5555 ENTERPRISE DR. NE.
VIRGINIA, MN 55792

Estimate

Date	Estimate #
5/9/2022	PUMP INCREA

Name / Address
TNT CONSTRUCTION GROUP, LLC 40 COUNTY RD 63 GRAND RAPIDS, MN 55744

Project			
MT IRON MUNICIPALITY WELL			
Description	Qty	Rate	Total
INCREASE PUMP SIZE AT MT IRON MUNICIPAL WELL	1	9,363.00	9,363.00
Total			\$9,363.00

Phone # 218 749 2222 Fax # 218 749 5400 E-mail info@lanykelectric.com



CO C061: UPSIZE PJMP

Phase Breakdown

Send to: TARSEL		Labor Level: CONST							9 May 2022 13:17:24		
Job Name: BASE BLD*		Bid Template: BASIC (EXPANDED Q97)									
PD/Bld No	SubPhase	Level	Sublevel	Area	Total	Quota	Material	Labor	Quota	SubCost	BIC
					2,757.31		2,567.13	1,435.31			
EXC/101	Graded	Graded	Graded	Graded	1,116.74		955.64	211.30			
PAV/101.01	Graded	Graded	Graded	Graded	433.66		312.85	164.71			
PAV/101.02	Graded	Graded	Graded	Graded	2,752.50		644.25	1,320.00			

From: David Fink
To: Craig Wainio
Subject: RE: Narrative
Date: Friday, May 13, 2022 10:37:07 AM
Attachments: Biosolids SLC Agreement Draft 2-18-2022.docx

Caution: This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Craig,

I have attached the draft agreement that we started putting together for the trade. I am assuming you can get pull some narrative from there. I also included some narrative below from a board letter outlining the entire project background.

Hopefully this helps!

Dave

BACKGROUND: The St. Louis County Regional Landfill "Landfill" opened in November 1993 and is currently the only mixed municipal solid waste "MSW" landfill in northeastern Minnesota, providing MSW disposal to the County's Solid Waste Management Area "SW[V]A". The SWMA includes all of St. Louis County outside the Western Lake Superior Sanitary District "WLSSD" boundary. Landfill capacity is projected to last another twenty-five years, based on current fill rates. Landfill expansion options are being evaluated that could extend the capacity of the Landfill for an additional fifty plus years. Per the Landfill's Minnesota Pollution Control Agency (MPCA) issued permit, leachate from the Landfill is collected, pumped, and stored in two High Density Polyethylene (HDPE) lined ponds where it is aerated, de-nitrified and land applied on a 60-acre sprayfield. Approximately 5.5 million gallons of leachate are applied annually. The permit also requires the Department conduct extensive surface and groundwater monitoring to ensure the leachate treatment system performs as intended, allowing the continuation of land application of leachate as the County's preferred leachate treatment option versus transport to a wastewater treatment facility. In recent years, the MPCA (and the Environmental Protection Agency) has added Per(1)and polyfluoroalkyl substances (PFAS) as one of its emerging water contaminants of concern resulting in landfill leachate coming under increased scrutiny and management requirements. To ensure continued onsite application of treated leachate, the County hired Northeast Technical Services and Stantec Engineering to assess the cost of upgrading the existing leachate treatment system to meet recent and anticipated MPCA leachate management requirements for PFAS and other contaminants of concern. The assessment concluded it will be more cost effective to construct a new system versus the retrofit of the existing system. The new system will include a control building (computers/electrical/motors), three 6-million-gallon High Density Polyethylene (HDPE) lined aeration/denitrification ponds, an engineered manufactured wetland, and a leachate purification system.

From: Craig Wainio <cwainio@ci.mountain-iron.mn.us>
Sent: Friday, May 13, 2022 8:34 AM

PROJECT NARRATIVE

The Quad Cities in cooperation with Saint Louis County have been working towards an agreement that in exchange for property owned by the Biosolids Authority the County will fund a sludge press to be used by the Cities. By pressing the biosolids the Cities will be able to landfill the waste instead of applying them on the surface, thus protecting public health, in the case of runoff and protecting the environment by disposing the waste in a controlled landfill application. The treatment of wastewater and byproducts are an essential service provided to all citizens regardless BIPOC, LGBTQI, Disability, Veterans, Geographic status. This project provides for regional PFOS reduction and allows the regional landfill to expand. This project serves the quad cities and allows for the extended life of the regional land fill which serves the entire area. St Louis County has agreed to purchase the belt press in exchange for the Authorities land, the grant is to assist the Communities in making modifications to their waterwater plants to accommodate the mobile belt press.



CITY OF MOUNTAIN IRON

"TACONITE CAPITAL OF THE WORLD"

PHONE 218-748-7570 • FAX: 218-748-7573 • www.mtniron.com
8586 ENTERPRISE DRIVE SOUTH • MOUNTAIN IRON, MN • 55768-8260

RESOLUTION NUMBER 07-22

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 Quad Cities Wastewater Collaboration 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 6th DAY OF JUNE, 2022.

ATTEST:

Mayor Peggy Anderson

City Administrator



CITY OF MOUNTAIN IRON

"TACONITE CAPITAL OF THE WORLD"

PHONE: 218-748-7570 • FAX: 218-748-7573 • www.mtniron.com
8586 ENTERPRISE DRIVE SOUTH • MOUNTAIN IRON, MN • 55768-8260

RESOLUTION NUMBER 08-22

RECEIVING REPORT AND CALLING HEARING ON IMPROVEMENT

WHEREAS, pursuant to Resolution Number 04-22 of the City Council adopted March 21, 2022, a report has been prepared by Benchmark Engineering with reference to the improvement of Second Street between 16th Avenue and Highway 53 by Road Reconstruction, Alignment and Drainage Improvements and this report was received by the City Council on June 6, 2022, 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 18th day of July, 2022, 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 6th DAY OF JUNE, 2022.

Mayor Peggy Anderson

ATTEST:

City Administrator

**2nd Street Improvements
Feasibility Report
Project No. MI22-CE**

**Mountain Iron, Minnesota
March 22, 2022**

Prepared by:



I hereby certify that this feasibility study 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.

Alan J. Johnson

Alan J. Johnson, P.E.

Date: March 22, 2022 License No. 48185

TABLE OF CONTENTS:

COVER PAGE

TABLE OF CONTENTS

BACKGROUND

EXISTING CONDITIONS

PROPOSED IMPROVEMENT PLAN

OPINION OF COST SUMMARY

SOURCES OF FUNDING

SUMMARY

ATTACHMENTS

- APPENDIX A: PROJECT LOCATION MAP
- APPENDIX B: DETAILED COST ESTIMATES

BACKGROUND

On March 17, 2022 the Mountain Iron City Council requested a feasibility report to make improvements to a portion of 2nd Street located between 16th Avenue and Highway 53, just south of UPS and North Star Cycle in the West Virginia region of Mountain Iron. The City Council requested Benchmark Engineering evaluate whether the proposed improvement is necessary, cost effective and feasible.

EXISTING CONDITIONS

The existing 2nd Street segment begins at 16th Avenue West and heads west where it dead ends near Highway 53, located near the easterly city limit boundary of Mountain Iron. Please refer to the Project Location Map as an attachment to this feasibility study.

The 200-foot segment is a bituminous road has been constructed in various phases to provide access to adjacent land developed for commercial use. The last improvement to the segment is unknown. The existing segment is deteriorating with many severe distresses throughout the surface.

The segment has a low grade which prevents storm water from draining to the ditch on the west side of the segment which results in ponding water on the bituminous surface.

In 1992 a 6-inch cast iron water main through this segment was cutoff approximately 120 feet west of its origin at the center of the intersection between 2nd Street and 16th Avenue West, where it continues south along 16th Avenue West. A 12-inch HDPE water main, along 16th Avenue West, was constructed in 2007. Due to age and material type, it is generally assumed that these utilities are in good condition.

EXPLORATORY SOIL BORING

A soil boring report was prepared by NTS, which contains the findings from two soil borings along the proposed project site. It was reported below the existing asphalt the fill material is comprised of mostly poorly-graded sand with silt and gravel and silty sand with gravel. Below the fill material, the soils contained silty sand and sandy lean clay. The native soils consisted primarily of silty clay and lean clay.

NTS provided recommendations for pavement cross sections as well as instructions for excavation and construction of the proposed sections. Two sections were proposed for the construction of road section and are described as follows.

A heavy-duty flexible road section:

- 4 inches of Asphalt Pavement (MnDOT 2360)
- 8 inches Class 5 Aggregate Base
- 18 inches of Select Granular Sub-base
- Heavy Duty woven Geotextile
- Moisture Conditioned/Compacted Proof Rolled Subgrade

A heavy-duty rigid road consisting of:

- 7 inches Concrete Pavement (MnDOT 2301)
- 6 inches Aggregate Base
- 18 inches of Select Granular Sub-base
- Heavy Duty woven Geotextile
- Moisture Conditioned/Compacted Proof Rolled Subgrade

PROPOSED IMPROVEMENT PLAN

The City Council and City Staff directed Benchmark Engineering to report on the feasibility of improvements to the 2nd Street Corridor from South 16th Avenue West to the end of the segment. Based upon information available, proposed improvement alternatives were developed for the area described above. Please refer to the Project Location Map for an overview of the project area. The proposed improvements options are as follows.

Alternative 1 – Construct a Bituminous Street with Curb & Gutter.

A bituminous street would be designed and constructed to match the current 2nd Street segment. Concrete curb and gutter would replace the existing infrastructure on the south side of the street. The grade would be adjusted to allow for adequate drainage to the west. Drain tile would be installed to aid in draining base materials.

Advantages of this proposed improvement option:

- Matches the current typical section of 2nd Street to the UPS parking lot to the north and 16th Avenue West on the east.
- Provide roadway access to adjacent landowners.
- This is the cheapest option

Disadvantages of this proposed improvement option:

- Less durable roadway materials for heavy-vehicle loading area.
- Shorter life-cycle of 25-years (maximum).

Alternative 2: Construct a concrete street with curb and gutters.

A 14-foot wide by 185-foot long strip of bituminous segment would be reconstructed to match the existing UPS parking lot to the north. A 30-foot wide, reinforced concrete street would replace 2nd Street to match the reconstructed parking lot to the north with drive-over curb and gutter and match the grade of the intersection of 16th Avenue West to the east. The grade would be adjusted to allow for adequate drainage to the west. Drain tile would be installed to aid in draining base materials.

Advantages of this proposed improvement option:

- Matches the current typical section of 2nd Street to the UPS parking lot to the north and 16th Avenue West on the east.
- Provide roadway access to adjacent landowners.
- More durable pavement surface for heavy-vehicle loading area.
- Longer life-cycle of 40-years (maximum).

Disadvantages of this proposed improvement option:

- This option is the most expensive option.
- More expensive life-cycle repairs.

OPINION OF COST SUMMARY

The following table summarizes the engineer’s opinion of cost for each of the improvements included in this report. A complete cost estimate breakdown for this improvement plan is included within Appendix B of this report.

ITEM	ESTIMATED COST
OPTION 1 – CONSTRUCT ASPHALT ROAD WITH CURB & GUTTER	\$93,061
OPTION 2 – CONSTRUCT CONCRETE ROAD WITH CURB & GUTTER	\$177,894

LIFE CYCLE COST ANALYSIS

Year	Alternative 1	Future Year Cost (USD)	Alternative 2	Future Year Cost (USD)
5	Crack Seal	\$ 4,729.84	Crack Seal	\$ 2,990.93
10	Surfacing	\$ 2,948.55	Joint Repair (Type A1) and Surfacing	\$ 4,174.54
15	Crack Seal	\$ 6,356.51	Crack Seal	\$ 4,019.56
20	2" Overlay	\$ 20,701.04	Joint Repair (Type A1) and 2" Overlay	\$ 10,341.54
25	Crack Seal	\$ 8,542.61	Crack Seal	\$ 5,401.95
30	Surfacing	\$ 5,325.41	Joint Repair (Type A1) and Surfacing	\$ 7,539.68
35	Crack Seal	\$ 11,480.56	Crack Seal	\$ 7,259.77
40	4" Mill/2" Overlay	\$ 48,805.52	Reconstruct (Type BA) and Mill/Overlay	\$162,990.53
	Total Present Cost	\$108,890.05	Total Present Cost	\$204,718.49

SOURCES OF FUNDING

The City of Mountain Iron received a grant from Iron Range Resources and Rehabilitation Board (IRRRB) to make roadway improvements through this area. City Staff has indicated if additional funds are needed to complete this project, they would likely come out of the City’s General Fund.

The City of Mountain Iron intends to assess property owners adjacent to this project area for a portion of the improvement costs. The City of Mountain Iron would be responsible for the remaining portion of the balance to complete any of these improvement options.

SUMMARY

In conclusion, the afore-mentioned information attempts to summarize the existing conditions and proposed improvement options for the Unity Drive corridor within the City of Mountain Iron.

Currently the area between Highway 53 and 16th Avenue West on 2nd Street is deteriorating due to its old age and is in need of reconstruction. In the late 1990's and late 2000's water was completed through this area.

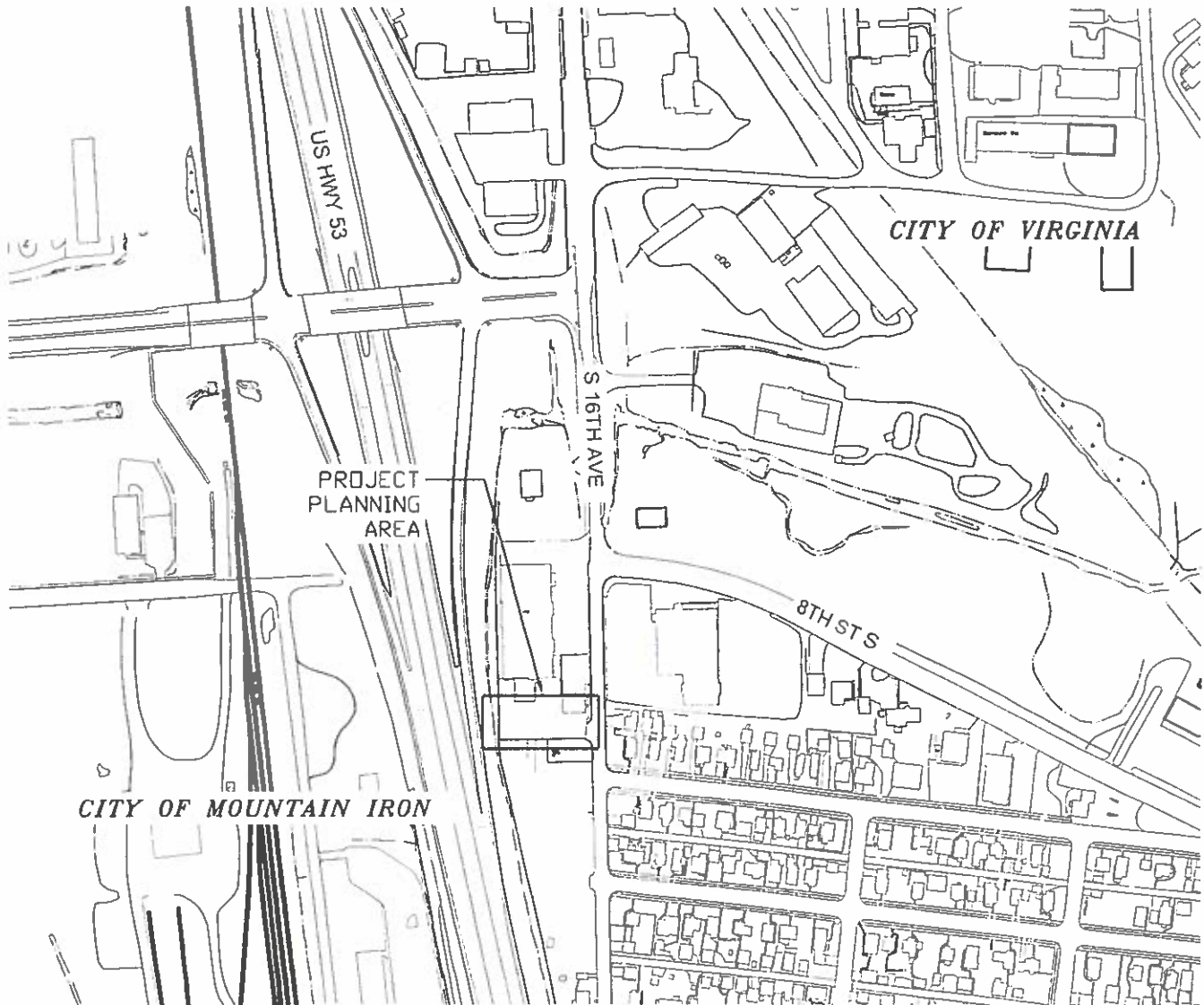
It is our opinion, based on this preceding information and summary of improvement options, that Options 1 would be the most feasible and would provide the City of Mountain Iron with the best long-term improvement options. This improvement would create a more suitable loading/unloading area for heavy vehicle traffic and improved access for residential home owners adjacent to this improvement area.

Grant funding as outlined in the study has been committed to the project and the City of Mountain Iron could utilize these funds for any improvements. This will aid in the financing of this project, and lower the costs that would ultimately be the responsibility of the City of Mountain Iron and adjacent property owners.

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 Option 1 (curb & gutter, urban design section) or Option 2 (roadside ditches, rural design section).

APPENDIX A: PROJECT LOCATION MAP

PROJECT LOCATION MAP



PROJECT LOCATION
COUNTY : ST LOUIS COUNTY



STREET IMPROVEMENTS
PROJECT LOCATION MAP

CITY OF MOUNTAIN IRON, MN

BENCHMARK
ENGINEERING, INC.

MAR 2022

APPENDIX B: DETAILED COST ESTIMATES



ENGINEER'S ESTIMATE OF QUANTITIES AND OPINION OF COST
UPS Access Road Reconstruction
Mountain Iron, MN

Bituminous Option

SPEC. NO.	ITEM	UNITS	UNIT COST	EST. QUANTITIES	AMOUNT
2021.501	MOBILIZATION	LUMP SUM	\$ 15,000.00	1.0	\$ 10,000.00
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LN. FT.	\$ 3.00	225.0	\$ 675.00
2104.503	REMOVE CURB AND GUTTER	LN. FT.	\$ 5.00	175.0	\$ 770.00
2104.504	REMOVE BITUMINOUS PAVEMENT	SQ. YD.	\$ 5.50	870.0	\$ 1,305.00
2105.507	COMMON EXCAVATION	CU. YD.	\$ 13.00	573.0	\$ 6,933.33
2105.522	SELECT GRANULAR BORROW	CU. YD.	\$ 35.00	145.0	\$ 2,833.89
2211.507	AGGREGATE BASE (CV) CLASS 5	CU. YD.	\$ 35.00	217.0	\$ 7,533.33
2350.509	TYPE SP 9.5 WEARING COURSE MIX (2.8)	TON	\$ 115.00	73.0	\$ 6,727.50
2350.509	TYPE SP 12.5 NON WEAR COURSE MIX (2.8)	TON	\$ 115.00	120.0	\$ 10,725.00
2502.503	4" PERF PE PIPE DRAIN	LN. FT.	\$ 9.00	330.0	\$ 3,420.00
2511.502	GEOTEXTILE FABRIC TYPE 5	SQ. YD.	\$ 4.00	330.0	\$ 1,760.00
2531.503	CONCRETE CURB DESIGN B513	L.F.	\$ 45.00	160.0	\$ 7,200.00
2531.503	CONCRETE CURB DESIGN D413	L.F.	\$ 40.00	25.0	\$ 1,000.00
2573.502	SILT FENCE, TYPE PREASSEMBLED	LN. FT.	\$ 5.00	250.0	\$ 1,300.00
2573.601	TEMPORARY EROSION CONTROL	LUMP SUM	\$ 5,000.00	1.0	\$ 5,000.00
2573.507	SALVAGED TOPSOIL BORROW	CU. YD.	\$ 3.00	20.0	\$ 180.00
2573.605	TURF ESTABLISHMENT	LUMP SUM	\$ 2,000.00	1.0	\$ 2,000.00

Construction Cost	\$	69,448.06
Contingency (15%)	\$	10,417.21
Engineering (19%)	\$	13,195.13
	\$	93,060.39

BENCHMARK ENGINEERING, INC.



BENCHMARK ENGINEERING, INC.

ENGINEER'S ESTIMATE OF QUANTITIES AND OPINION OF COST

UPS Access Road Reconstruction

Mountain Iron, MN

Concrete Design

SPEC. NO.	ITEM	UNITS	UNIT COST	EST. QUANTITIES	AMOUNT
2021.501	MOBILIZATION	LUMP SUM	\$ 15,000.00	1.00	\$ 15,000.00
2104.503	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LN. FT.	\$ 3.00	225.00	\$ 675.00
2104.503	REMOVE CURB AND GUTTER	LN. FT.	\$ 5.00	185.00	\$ 925.00
2104.504	REMOVE BITUMINOUS PAVEMENT	SQ. YD.	\$ 5.50	875.00	\$ 4,812.50
2105.507	COMMON EXCAVATION	CU. YD.	\$ 18.00	578.00	\$ 10,404.00
2105.507	SELECT GRANULAR BORROW	CU. YD.	\$ 35.00	145.00	\$ 5,075.00
2211.507	AGGREGATE BASE (CV) CLASS 5	CU. YD.	\$ 35.00	96.00	\$ 3,360.00
2360.509	TYPE SP 9.5 WEARING COURSE MIX (2 B)	TON	\$ 115.00	25.00	\$ 2,875.00
2360.509	TYPE SP 12.5 NON WEAR COURSE MIX (2 B)	TON	\$ 115.00	40.00	\$ 4,600.00
2511.504	GEOTEXTILE FABRIC TYPE 5	SQ. YD.	\$ 4.00	330.00	\$ 1,320.00
2211.507	AGGREGATE BASE (CV) CLASS 5	CU. YD.	\$ 35.00	102.00	\$ 3,570.00
2301.504	7" CONCRETE DRIVEWAY PAVEMENT	SQ. YD.	\$ 80.00	608.00	\$ 48,640.00
2502.503	4" PERF PE PIPE DRAIN	LN. FT.	\$ 9.00	380.00	\$ 3,420.00
2511.504	GEOTEXTILE FABRIC TYPE 5	SQ. YD.	\$ 4.00	570.00	\$ 2,280.00
2531.503	CONCRETE CURB DESIGN B6	L.F.	\$ 45.00	220.00	\$ 9,900.00
2531.503	CONCRETE CURB DESIGN D41B	L.F.	\$ 40.00	185.00	\$ 7,400.00
2573.502	SILT FENCE TYPE PREASSEMBLED	LN. FT.	\$ 5.00	260.00	\$ 1,300.00
2573.601	TEMPORARY EROSION CONTROL	LUMP SUM	\$ 5,000.00	1.00	\$ 5,000.00
2574.507	SALVAGED TOPSOIL BORROW	CU. YD.	\$ 10.00	20.00	\$ 200.00
2575.605	TURF ESTABLISHMENT	LUMP SUM	\$ 2,000.00	1.00	\$ 2,000.00

Construction Cost	\$	132,756.50
Contingency (15%)	\$	19,913.48
Engineering (19%)	\$	25,223.74
	\$	177,893.71

5/17/2022

MIB High school commons 6pm

Attendees on 4/12/22:

- Kim Johnson
- Peggy Anderson
- Karen Kniefel
- Jason Gellerstedt
- John, Lori, Gunner, George Thomas
- Michelle Laine
- Rhonda Kaivola
- Ed Roskoski
- Erica Starkovich
- Sheila Wilcox
- Anna Amundson
- Jeremy Jesch
- Ashley Rinell
- Kelly Snidarich

Park State Bank:	Checking:	\$3,684.34
	Savings:	\$7,331.78
1 st National Bank Buhl:		\$10,051.46

- Fiddle Contest – 8/13/22
 - Would like to have earlier start time
 - Would like to have new vendor – Go Figur (overpriced and slow service)
- Ice Cream Truck 8/10/22 – tie dye day/music in the park
- Family Fun Day – changed to Locomotive Park instead of West 2 Rivers
 - Saturday
 - Use funds for kids events?
- Kim Johnson in charge of lining up all vendors for downtown
- Ashley Rinell to provide a list of ideas for Kids Corner events downtown

- Karen Kniefel to contact former boss for business list – she said she talked to the Thomas's about this already
 - Did Peggy receive the Hibbing/Chisholm/Virginia/Mt. Iron business list?
- Ed Roskoski – car show
 - Approved for \$200.00 for historic treasure hunt
 - Approved for \$200.00 or less on car show trophies
- John Thomas, Ashley Rinell – parade line up
 - City of Mt. Iron for prizes
 - Line up at 4pm, parade start time 4:30pm

RAFFLES:

Ranger 570 side by side – 5 Season Sports

Cost: \$12, 199.00

Raffle ticket price: \$50.00

Number of tickets: 750

Jeremy Jesch to get tickets made – Yellow tickets

2nd prize: Guided Fishing Trip (not to exceed \$1,000.00)

3rd prize: Black stone grill (not to exceed \$500.00)

