



**MOUNTAIN IRON
CITY COUNCIL
MEETING**

MONDAY, APRIL 07, 2025

6:30 P.M.

**MOUNTAIN IRON COMMUNITY CENTER
MOUNTAIN IRON ROOM**

**MOUNTAIN IRON CITY COUNCIL MEETING
COMMUNITY CENTER
MOUNTAIN IRON ROOM
MONDAY, APRIL 7, 2025 - 6:30 P.M.
A G E N D A**

- I. Roll Call
- II. Pledge of Allegiance
- III. Consent Agenda
 - A. Minutes of the March 17, 2025, Regular Meeting (#1-8)
 - B. Receipts
 - C. Bills and Payroll
 - D. Communications
- IV. Public Forum
- V. Committee and Staff Reports
 - A. Mayor's Report
 - 1. Employee Input Form (#9-10)
 - 2. EDA Appointment – Eric Monson
 - B. City Administrator's Report
 - 1. Liability Coverage Waiver Form (#11)
 - C. Director of Public Work's Report
 - 1. Equipment Purchase – CAMION sprayer (#12-16)
 - 2. Equipment Purchase – International 4300 (#17-18)
 - D. Library Director/Special Events Coordinator's Report
 - E. Sheriff's Department Report
 - F. City Engineer's Report
 - G. Liaison Reports
- VI. Unfinished Business
- VII. New Business
 - A. Set Special Meeting – Local Board of Adjustment and Equalization (#19)
 - B. Accept Resignation (#20)
- VIII. Communications
- IX. Announcements
- X. Adjourn

Page Number in Packet

MINUTES
MOUNTAIN IRON CITY COUNCIL
March 17, 2025

Mayor Anderson called the City Council meeting to order at 6:30p.m. with the following members present: Councilor Ed Roskoski, Bradley Gustafson, Al Stanaway, Julie Buria, and Mayor Peggy Anderson. Also, present were: Craig Wainio, City Administrator; Tim Satrang, Director of Public Works; Anna Amundson, Library Director/Special Events Coordinator; Amanda Inmon, Municipal Services Secretary; Al Johnson, City Engineer; Bryan Lindsay, City Attorney; and Mark Madden, Fire Department Chief.

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

1. Approve the minutes of March 3, 2025, 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 March 1-15, totaling \$374,842.30 (a list is attached and made a part of these minutes).
4. To authorize the payments of the bills and payroll for the period March 1-15, totaling \$374,039.63 (a list is attached and made a part of these minutes).

The motion carried (No: Roskoski; Yes: Gustafson, Stanaway, Buria and Anderson).

It was moved by Roskoski to amend the original motion to remove the Napa Christenson bills in the amount of \$637.00 from the consent agenda for separate consideration. The motion failed.

Public Forum:

- Jay Haapala, AARP representative, and Cheryl Ells, St. Louis County representative, spoke regarding the City of Mountain Iron became the 965th community to enroll in the AARP Network of Age-Friendly States and Communities

The Mayor reported on the following:

- No formal report

It was moved by Stanaway and seconded by Buria to send a letter of support for Mr. Michael Jugovich to be appointed to the LCCMR Board. The motion carried.

It was moved by Gustafson and seconded by Buria to approve the issued proclamation declaring April 2025 as Sexual Assault Awareness Month. The motion carried.

City Administrator:

- No formal report

Director of Public Works:

- City Crews are clearing ice from catch basins/culverts throughout the city

Library Director/Special Events coordinator:

- 40th Annual Easter Egg hunt
 - Saturday, April 19th at noon
- City-wide garage sale
 - Friday, May 16th & Saturday, May 17th

City Engineering:

- No formal report

It was moved by Roskoski that on a request from Ann's Acres residents, for the safety of the people that live there, that the City Engineer evaluate the lack of water drainage and the street crown on Spruce Dr. from County 7 east to the Aspen Lane intersection area; and come up with suggestions and costs on how to remedy the lack of water drainage in that area. A manhole and water shutoff also have to be raised up to the crown level. The motion failed due to lack of support.

City Attorney:

- Suggested that since a possible quorum of the Council could be present at committee boards and/or meetings that it be posted as "work sessions" or "council workshop" for legal purposes

It was moved by Roskoski, so the residents of Mountain Iron will know what money is coming into City Hall and going out of City Hall, that a complete list receipts, bills, and payroll be included in the Mountain Iron City Council minutes published monthly in the Hometown Focus. The motion failed due to lack of support.

Fire Department:

- Canceled calls outweighed actual working calls, with a majority of calls were CO2 false alarm calls, reminded residents to check alarms and batteries
- Fire Department Auxiliary is up and running and separate entity from the Fire Department

It was moved by Roskoski to approve the Fire Department report as presented. The motion failed due to lack of support.

It was moved by Gustafson and seconded by Stanaway to accept the recommendation of the Planning & Zoning Committee and approve the Variance permit for Jason and Erika Strahan. The Variance permit is for construction of a building that does not meet the required 25ft setback. The property is legally described as follows:

Parcel Code: 175-0059-00050

LEGAL DESCRIPTION: PLAT NAME: VIDMAR BLOCK CITY OF MTN IRON; SECTION: - ;
TOWNSHIP: - ; RANGE: - ; LOT 0005; BLOCK: - ; DESCRIPTION: LOT: 0005
Address: 5429 Mineral Avenue, Mountain Iron, MN 55768

The motion carried (No: Roskoski; Yes: Gustafson, Stanaway, Buria and Anderson).

It was moved by Roskoski and seconded by Gustafson to accept the recommendation of the Planning & Zoning Committee and approve the Conditional Use (CUP) for Silver Spur LLC, ICS- Builds (Northland Learning Center/ICS Builds), for a Conditional Use permit. The Conditional Use (CUP) permit is for the construction of an educational facility in a commercial zone. The property is legally described as follows:

PARCEL CODE: 175-0071-00901

LEGAL DESCRIPTION: PLAT NAME: MTN IRON; SECTION: 11 ; TOWNSHIP: 58 ; RANGE: 18 ;
LOT: - ; BLOCK: - ; DESCRIPTION: SW1/4 OF SW1/4 OF SE1/4, EXCEPT SOUTH 300 FEET OF WEST 300 FEET; AND EXCEPT PART COMMENCING ON THE WEST LINE 650.43 FEET NORTH OF THE SOUTHWEST CORNER AND ASSIGNING A BEARING OF N01DEG02'53"W TO SAID WEST LINE; THENCE N86DEG59'44"E 300 FEET; THENCE S01DEG02'53"E 350.71 FEET TO A POINT 300 FEET NORTH OF THE SOUTH LINE OF FORTY; THENCE S87DEG02'56"W 300 FEET; THENCE N01DEG02'53"W 350.43 FEET TO THE POINT OF BEGINNING; AND EXCEPT THE EASTERLY 370.00 FEET OF THE SOUTHERLY 380.00 FEET OF SW1/4 OF SW1/4 OF SE1/4.
Address: 8580 Enterprise Drive South, Mountain Iron, MN 55768

The motion carried.

Liaison:

- Councilor Roskoski announced
 - Mountain Iron Public Library meeting, Wednesday, March 19th @ 4:30pm to be held at the Mountain Iron Library
- Councilor Gustafson spoke regarding the following:
 - March 7th was Employee Appreciation Day – treats given to City Offices, Library and Garage as well as Fire Department
 - Parks & Recreation meeting, Wednesday, March 26th @ 5:30pm
- Councilor Buria
 - EDA meeting update – discussion regarding units and subsidized housing
 - UAB meeting update – Public Works Director brought information regarding possible Public Works updates, will have more information

It was moved by Gustafson and seconded by Buria to approve Resolution #02-25; Approving Plans and Specifications and Ordering Advertisement for Bids for Improvement Number MI22-08, alleyway between Old Highway 169 and Mineral Avenue (a copy is attached and made a part of these minutes). The motion carried (No: Roskoski; Yes: Gustafson, Stanaway, Buria and Anderson).

It was moved by Buria and seconded by Stanway to approve Resolution #03-25; Declaring Adequacy of Petition and Ordering Preparation of Report, for improvement of Enterprise Drive South (a copy is attached and made a part of these minutes). The motion carried unanimously.

It was moved by Gustafson and seconded by Roskoski to approve the Access and Utility Easement Agreement between the City of Mountain Iron and Northland Learning Center as presented. The motion carried unanimously.

It was moved by Stanaway and seconded by Buria to authorize the Soroptimist of Virginia a Temporary On-sale Liquor License, for their event to be held on April 23rd at the Cinema 6 Movie Theatre. The motion carried.

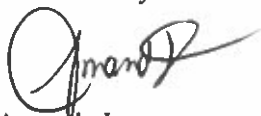
It was moved by Gustafson and seconded by Buria to approve the resignation of Kim Koebensky, from the Economic Development Authority (EDA). The motion carried.

Announcement:

- Merritt Days Committee planning meeting
 - Tuesday, April 8th at 5:00pm at the Mountain Iron Library
 - 2025 Merritt days – August 4th – August 9th

At 7:27p.m., it was moved by Buria and seconded by Gustafson the meeting be adjourned. The motion carried.

Submitted by:



Amanda Inmon
Municipal Services Secretary
www.mtniron.com

Distribution Summary

Category	Distribution	GL Account	Amount
BUILDING RENTALS	BUILDING RENTAL DEPOSITS	101-20607	300.00
BUILDING RENTALS	COMMUNITY CENTER	101-36-6200-089	75.00
BUILDING RENTALS	SENIOR CENTER	101-36-6200-089	50.00
CAMPGROUND RECEIPTS	CREDIT CARD FEES	101-36-6200-091	378.41
CAMPGROUND RECEIPTS	FEES	101-36-6200-091	11,410.00
CAMPGROUND RECEIPTS	LODGING TAX PAYABLE - W2 CAMP	101-20803	338.70
CAMPGROUND RECEIPTS	SALES TAX PAYABLE-W2 CAMPGR.	101-20800	841.59
FINES	CRIMINAL	101-35-5100-000	985.23
METER DEPOSITS	ELECTRIC	604-22000	950.00
METER DEPOSITS	WATER	601-22000	80.00
MISCELLANEOUS	ASSESSMENT SEARCHES	101-36-6200-070	20.00
MISCELLANEOUS	BC/BS - MEDICA PAYABLE	101-21709	63,729.37
MISCELLANEOUS	DELTA DENTAL PAYABLE	101-21708	1,827.00
MISCELLANEOUS	MISC. - GENERAL	101-37-7100-023	886.50
MISCELLANEOUS	REIMBURSEMENTS	101-37-7100-022	2.07
MISCELLANEOUS	USABLE LIFE INS. PAYABLE	101-21710	312.46
PERMITS	BUILDING	101-32-2100-000	4,479.29
UTILITY	UTILITY	001-11105	288,176.68
Grand Totals:			<u>374,842.30</u>

Report Criteria:

Report type: Summary

Check Type = {<>} "Adjustment"

GL Period	Check Issue Date	Check Number	Vendor Number	Payee	Check GL Account	Amount
03/25	03/14/2025	161778	130011	UNITED STATES POSTAL SERVICE	602-20200	674.25
03/25	03/18/2025	161779	10056	A T & T MOBILITY	101-20200	2,311.80
03/25	03/18/2025	161780	10012	ABE ENVIRONMENTAL SYSTEMS, INC	101-20200	839.00
03/25	03/18/2025	161781	10034	ANYTIME LLC	101-20200	2,199.00
03/25	03/18/2025	161782	1722	ASHLEY MCPEAK	604-20200	9.21
03/25	03/18/2025	161783	10042	AUTO VALUE VIRGINIA	101-20200	207.96
03/25	03/18/2025	161784	20023	BOLTON & MENK, INC	301-20200	18,135.00
03/25	03/18/2025	161785	1721	BRIANNA GALLO	604-20200	865.63
03/25	03/18/2025	161786	30084	CARDMEMBER SERVICE	603-20200	6,540.43
03/25	03/18/2025	161787	30016	CHAMPION AUTO	101-20200	84.19
03/25	03/18/2025	161788	220003	CITY OF VIRGINIA	101-20200	1,210.73
03/25	03/18/2025	161789	30026	COMO LUBE & SUPPLIES INC	603-20200	72.50
03/25	03/18/2025	161790	30073	COMPENSATION CONSULTANTS, LTD	602-20200	148.00
03/25	03/18/2025	161791	1901024	CTC-446126	101-20200	538.75
03/25	03/18/2025	161792	1893	DUSTY SCHECHINGER	101-20200	200.00
03/25	03/18/2025	161793	1895	ELLA GREENE	101-20200	200.00
03/25	03/18/2025	161794	60029	FERGUSON ENTERPRISES INC	101-20200	2,342.33
03/25	03/18/2025	161795	6004	FRED FAUST	101-20200	48.85
03/25	03/18/2025	161796	70004	GRANDE ACE HARDWARE	101-20200	22.56
03/25	03/18/2025	161797	80022	HAWKINS INC	602-20200	1,032.98
03/25	03/18/2025	161798	80002	HEISEL BROTHERS, INC.	101-20200	748.52
03/25	03/18/2025	161799	80024	HELIENE USA INC.	604-20200	9,207.39
03/25	03/18/2025	161800	80037	HOMETOWN MEDIA PARTNERS	101-20200	180.00
03/25	03/18/2025	161801	707	KOMATSU MINING	101-20200	200.00
03/25	03/18/2025	161802	120006	L & M SUPPLY	101-20200	1,556.21
03/25	03/18/2025	161803	120002	LAWSON PRODUCTS INC	101-20200	407.50
03/25	03/18/2025	161804	120011	LOFFLER COMPANIES INC.	602-20200	393.74
03/25	03/18/2025	161805	1894	MARCI TURENNE HANSEN	101-20200	200.00
03/25	03/18/2025	161806	80032	MESABI COMMUNITY TELEVISION	101-20200	4,125.00
03/25	03/18/2025	161807	110035	MIDWEST COMMUNICATIONS	101-20200	125.00
03/25	03/18/2025	161808	130039	MINNESOTA DEPT OF COMMERCE	604-20200	380.27
03/25	03/18/2025	161809	140026	MINNESOTA ENERGY RESOURCES	101-20200	4,134.80
03/25	03/18/2025	161810	130008	MINNESOTA MUNICIPAL UTILITIES	101-20200	595.00
03/25	03/18/2025	161811	130009	MINNESOTA POWER (ALLETE INC)	604-20200	223,392.69
03/25	03/18/2025	161812	130023	MN STATE FIRE CHIEFS ASSOCIATION	101-20200	285.00
03/25	03/18/2025	161813	130015	MOUNTAIN IRON PUBLIC UTILITIES	602-20200	14,525.92
03/25	03/18/2025	161814	30001	NAPA AUTO PARTS	603-20200	637.12
03/25	03/18/2025	161815	140042	NORTHERN DOOR & HARDWARE INC	101-20200	132.00
03/25	03/18/2025	161816	140004	NORTHERN ENGINE & SUPPLY INC	602-20200	128.27
03/25	03/18/2025	161817	180006	RMB ENVIRONMENTAL LABORATORIES	602-20200	372.02
03/25	03/18/2025	161818	180005	ROAD MACHINERY & SUPPLIES CO.	604-20200	11,098.70
03/25	03/18/2025	161819	190016	ST LOUIS COUNTY AUDITOR	101-20200	683.18
03/25	03/18/2025	161820	200020	THE TRENTI LAW FIRM	101-20200	3,705.81
03/25	03/18/2025	161821	210001	UNITED ELECTRIC COMPANY	604-20200	3,748.57
03/25	03/18/2025	161822	30083	UTILITY LOGIC	602-20200	1,025.91
03/25	03/18/2025	161823	30072	VC3	101-20200	1,424.92
03/25	03/18/2025	161824	10075	VESTIS	603-20200	189.78
03/25	03/18/2025	161825	220020	VISA OR PARK STATE BANK CC PMT	101-20200	5,830.06
03/25	03/18/2025	161826	1723	WALTER BRINKMAN	604-20200	147.63
03/25	03/18/2025	161827	230043	WISCONSIN CENTRAL	602-20200	560.37
03/25	03/18/2025	161828	260005	ZEP MANUFACTURING COMPANY	602-20200	582.11
03/25	03/18/2025	161829	260001	ZIEGLER INC	602-20200	42.22

328,448.88

M = Manual Check, V = Void Check

PP-Ending - 03/14

45,590.75

TOTAL EXPENDITURES

\$374,039.63



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 03-25

DECLARING ADEQUACY OF PETITION AND ORDERING PREPARATION OF REPORT

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

1. A certain petition requesting the improvement of Enterprise Drive South, as identified the attached exhibit by the installation of infrastructure and the construction of a road, filed with the council March 17, 2025, is hereby declared to be signed by the required percentage of owners of property affected thereby. This declaration is made in conformity to Minn. Stat. § 429.035.
2. The petition for proposed Improvement is hereby referred to Bolton and Menk and that engineer is instructed to report to the council with all convenient speed advising the council in a preliminary way as to whether the proposed improvement is necessary, cost-effective, and feasible; whether it should best be made as proposed or in connection with some other improvement; the estimated cost of the improvement as recommended; and a description of the methodology used to calculate individual assessments for affected parcels.

DULY ADOPTED BY THE CITY COUNCIL THIS 17th DAY OF MARCH, 2025.

ATTEST.

City Administrator


Mayor Peggy Anderson



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RESOLUTION NUMBER 02-25

APPROVING PLANS AND SPECIFICATIONS AND ORDERING ADVERTISEMENT FOR BIDS

WHEREAS, pursuant to Resolution Number 24-23 passed by the City Council December 18, 2023, the city engineer has prepared plans and specifications for Improvement Number MI22-08, the proposed 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 has presented such plans and specifications to the council for approval;

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

1. Such plans and specifications, a copy of which is attached hereto and made a part hereof, are hereby approved.
2. The City Administrator shall prepare and cause to be inserted in the official paper an advertisement for bids upon the making of such improvement under such approved plans and specifications. The advertisement shall be published for 21 days, shall specify the work to be done, shall state that bids will be received by the Administrator until 10:00 a.m. on April 30, 2025, at which time they will be publicly opened in the Mountain Iron Room of the Community Center by the City Administrator and engineer, will then be tabulated, and will be considered by the City Council at 6:30 p.m. on May 5, 2025, in the Mountain Iron Room of the Community Center. Any bidder whose responsibility is questioned during consideration of the bid will be given an opportunity to address the City Council on the issue of responsibility. No bids will be considered unless sealed and filed with the City Administrator and accompanied by a cash deposit, cashier's check, bid bond or certified check payable to the City of Mountain Iron for ten percent of the amount of such bid.

DULY ADOPTED BY THE CITY COUNCIL THIS 17th DAY OF MARCH, 2025.

ATTEST:



City Administrator



Mayor Peggy Anderson

The Mountain Iron City Council invites your honest feedback through the attached communication survey. We are interested in hearing about what is going well from your perspective and any changes you may suggest. The survey results will be summarized and any trends will be shared with Administration and the City Council. The survey is anonymous. Individual surveys will not be shared and you will not be contacted directly unless you specifically request follow up. The survey can be returned to any drop box throughout the City. Our goal is to receive honest feedback about your employment experience with the City of Mountain Iron. We value your time and thank you in advance for your constructive feedback.

1. List 1 to 3 things you like about working for Mountain Iron.
 - a.
 - b.
 - c.
2. List 1 to 3 things you feel need improvement and any suggestions you have on how to make those improvements.
 - a.
 - b.
 - c.
3. I know what is expected of me at work. (select one and explain)
 - a. I do not know what is expected.
 - b. I slightly know what is expected.
 - c. I somewhat know what is expected.
 - d. I know what is expected.

Explain:
4. I have what I need to do my job effectively. (select one and explain)
 - a. Yes.
 - b. No.

Explain:

5. My co-workers are committed to doing quality work. (select one and explain)

a. Yes.

b. No.

Explain:

6. Anything you would like to share?

7. I would like to be contacted by a City Councilor.

(select one-do not put name/phone number unless you want to be contacted)

a. Yes.

b. No.

Name and phone number:

Thank you for all you do!
We appreciate you!
Sincerely, Mountain Iron City Council

LIABILITY COVERAGE WAIVER FORM

Members who obtain liability coverage through the League of Minnesota Cities Insurance Trust (LMCIT) must complete and return this form to LMCIT before their effective date of coverage. Email completed form to your city's underwriter, to pstech@lmc.org, or fax to 651.281.1298.

The decision to waive or not waive the statutory tort limits must be made annually by the member's governing body, in consultation with its attorney if necessary.

Members who obtain liability coverage from LMCIT must decide whether to waive the statutory tort liability limits to the extent of the coverage purchased. The decision has the following effects:

- *If the member does not waive the statutory tort limits*, an individual claimant could recover no more than \$500,000 on any claim to which the statutory tort limits apply. The total all claimants could recover for a single occurrence to which the statutory tort limits apply would be limited to \$1,500,000. These statutory tort limits would apply regardless of whether the member purchases the optional LMCIT excess liability coverage.
- *If the member waives the statutory tort limits and does not purchase excess liability coverage*, a single claimant could recover up to \$2,000,000 for a single occurrence (under the waive option, the tort cap liability limits are only waived to the extent of the member's liability coverage limits, and the LMCIT per occurrence limit is \$2,000,000). The total all claimants could recover for a single occurrence to which the statutory tort limits apply would also be limited to \$2,000,000, regardless of the number of claimants.
- *If the member waives the statutory tort limits and purchases excess liability coverage*, a single claimant could potentially recover an amount up to the limit of the coverage purchased. The total all claimants could recover for a single occurrence to which the statutory tort limits apply would also be limited to the amount of coverage purchased, regardless of the number of claimants.

Claims to which the statutory municipal tort limits do not apply are not affected by this decision.

LMCIT Member Name:

Check one:

☐ The member **DOES NOT WAIVE** the monetary limits on municipal tort liability established by [Minn. Stat. § 466.04](#).

☐ The member **WAIVES** the monetary limits on municipal tort liability established by [Minn. Stat. § 466.04](#), to the extent of the limits of the liability coverage obtained from LMCIT.

Date of member's governing body meeting:

Signature: _____

Position:

COUNCIL LETTER 04072025-VC2

PUBLIC WORKS

EQUIPMENT PURCHASE

DATE: April 3, 2025
FROM: Tim Satrang
City Administrator

Staff is requesting that the City Council authorize the purchase of a CAMION systems T-Series Ecomaxx, in the amount of \$14,269.00 from Iron Valley Equipment. This would enable the City to apply liquid salt brine for winter road treatments, dust control applications, and improve seasonal street and side-walk sweeping.



IRONVALLEY
EQUIPMENT
CONTRACTOR & MUNICIPAL EQUIPMENT

Iron Valley Equipment & Mfg – MN
601 Franklin Ave NE, St Cloud, MN 56304
320-281-3335

Iron Valley Equipment & Mfg – ND
1643 29th Ave S, Suite 36, Moorhead, MN 56560
701-353-5266

January 16th 2025

City of Mountain Iron
Tim C. Satrang
Director of Public Works
8586 Enterprise Drive
Mountain Iron, MN 55768

CAMION Systems T-Series Ecomaxx 500 Gallon Liquid Master
104" X 57" X 50" - 500 Gallon

- Safety Orange Single-Piece Roto Mold HDPE Tank
- Baffle Ball Surge Control
- Empty Weight 700 LBS
- Ecomaxx 12-Volt Electric Pump
- Auto-Drain Sump Base
- Rust-Armor Stainless Steel Frame Tri-Zone Spray Selection
- Fast-Fill System
- Rapid-Empty Drainage System
- 35" Adjustable Boom Mount
- STORM COMMANDER CONTROLLER/GPS
- Compatible Liquids: Calcium Chloride Brine, Salt Brine, Premium Branded Liquids



List Price \$14,788.00 S-863(5) 11.4 Price \$12,213.00

Options

11.5 Installation of 500 Gallon Anti-Ice System	\$ 1,250.00
11.6 In-Cab Pressure Control	\$ 2,379.00
11.7 In-Cab GPS STORM COMMANDER Flow Control	\$ 5,447.00
11.8 Hose Reel Kit - 100' Hose and Spray Gun	\$ 657.00

11.9 3 Section Highway Boom Upgrade	\$ 1,399.00
11.10 2" Receiver Mount for Boom	\$ 327.00
11.11 Tailgate Lockpin Set - Stainless Steel	\$ 1,277.00
11.12 Self-Loading Legs - Stainless Steel	\$ 2,777.00
11.13 Hooklift Frame w/Rear Rollers	\$ 6,168.00
11.14 Work Light, LED - Each	\$ 235.00
11.15 (2) Rear LED Warning Lights	\$ 536.00
11.16 (4) Rear LED Warning Lights	\$ 801.00
11.17 Replacement Baffle Ball (ea.)	\$ 14.00
Cost per loaded mile for delivery of anti-icing system	\$ 4.00

Please feel free to contact me with any questions.
Thank You for the Opportunity!

Patrick Iwan
651-829-4547

This quote is valid for 10 days after date issued.
All taxes, including FET are additional.
50% down payment required with order.

Acceptance of Quotation I hereby authorize Iron Valley Equipment to complete work as outlined on this Quotation.

Full payment will be due upon completion of project, or delivery of products outlined. I agree to the payment terms. I also acknowledge that I am authorized by the Company listed to complete this transaction on behalf of the Company.

Printed Name

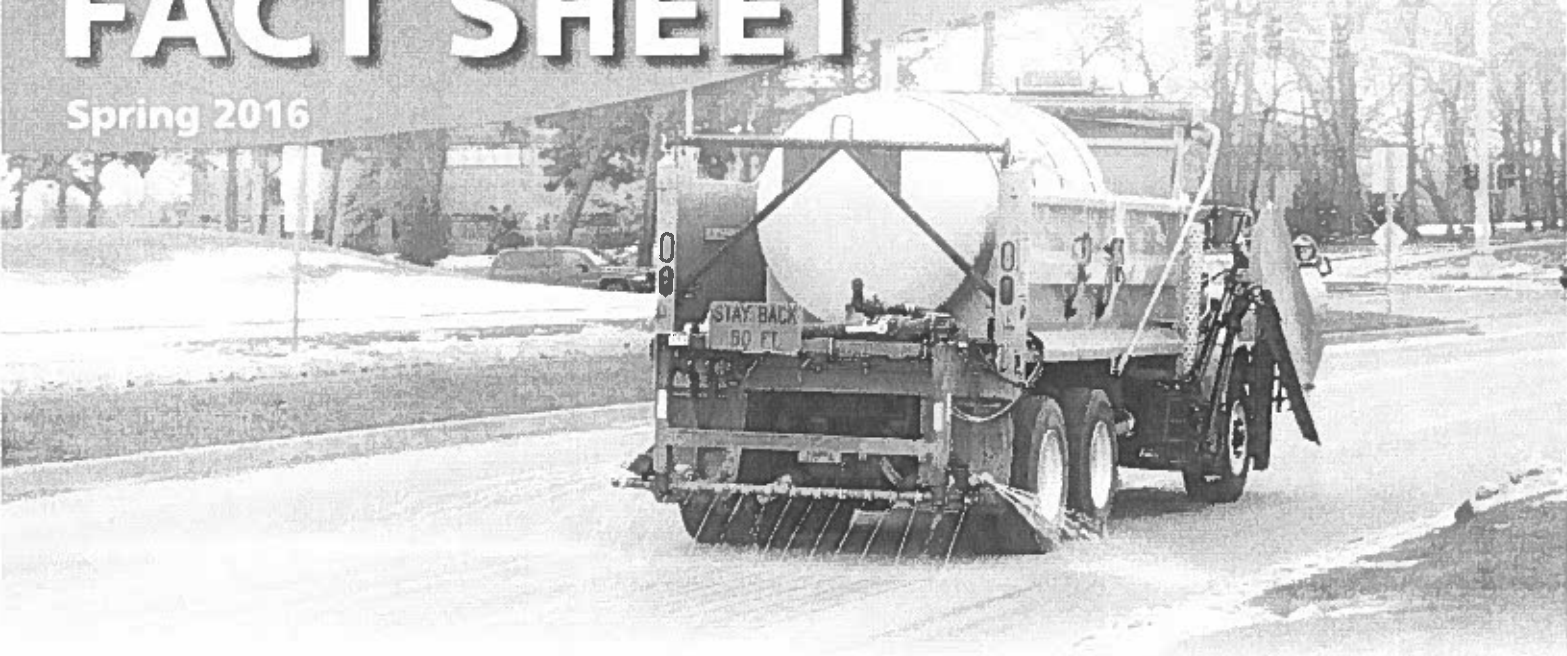
Signature

Date

BRINE FACT SHEET

Spring 2016

APWA Winter Maintenance
Sub-Committee



Anti-icing involves placing a layer of brine on the surface of the pavement **before** a winter storm has begun to prevent snow and ice from freezing to the road. **Deicing** uses pre-wetted rock salt to break the bond **after** snow has frozen to the road.

Anti-icing delivers the same level of service, but it uses one-quarter to one-fifth as much salt as deicing.

Please direct media questions to APWA Communications/Media Relations Manager Laura Bynum at 202-218-6736 or e-mail lbynum@apwa.net.

What is salt brine?

Salt brine is a solution of salt (typically sodium chloride) and water. It has a freezing point lower than pure water and, as such, is a useful tool in reducing the adhesion of snow and ice to road surfaces. In addition to brine made with sodium chloride, some winter maintenance agencies also use brines made with calcium chloride or magnesium chloride. Nonetheless, these brines are solutions of salt and water, with a freezing point lower than the freezing point of pure water. The freezing point of brine is a function of the salt being used in the brine (sodium chloride, calcium chloride, or magnesium chloride) and the percentage by weight of that salt in the solution.

Why is salt brine important?

Rock salt, or solid salt, is simply crystals of sodium chloride. Until it has gone into solution—that is, until it has formed brine—it will do nothing to stop snow from freezing to the pavement surface. Agencies that use rock salt in their winter maintenance activities are doing so to create brine on the road surface. Therefore, brine is an integral and critical part of winter maintenance activities.

What is the difference between anti-icing and deicing?

Anti-icing is a proactive approach taken to decrease the likelihood of snow and ice bonding to a pavement surface. Additionally, anti-icing can prevent frost from forming on pavement surfaces. Anti-icing involves placing a layer of brine on the surface of the pavement before a winter storm has begun. This layer prevents the snow and ice from freezing to (or icing onto) the road. The alternative—which is called deicing—is to let the snow bond/freeze to the road, then apply pre-wetted rock salt to break the bond between the snow and the pavement.

Studies have shown that anti-icing will achieve the same level of service on a road or highway using between one-quarter and one-fifth the amount of salt used in deicing. Typically, anti-icing is performed using trucks carrying tanks, which have pumps to spray the brine onto the pavement surfaces. In many places lines or stripes of brine can be seen on a road before a given event. Some people call these safety stripes! Usually, brine is applied at rates of between 30 and 50 gallons per lane mile.



Even in avalanche areas snow has been easily removed due to anti-icing.

Are all those liquids pure salt brine?

No, they are not. Increasingly, agencies are blending brines to take into account the particular storm conditions they expect to deal with. Blends often use by-products from a variety of processes applied to natural materials. Organics might include by-products from cheese whey and sugar beet or similar ingredients. The purpose of organics is to increase the longevity of the brine on the pavement surface. Evidence has been presented that organics may reduce corrosion of vehicles and infrastructure. Usually, the concentration of organic additives in brine ranges from 5 to 20 percent. One typical mixture is 85% salt brine, 5% calcium chloride brine, and 10% organic.

What is pre-wetting, and where does it fit into all of this?

As discussed above, rock salt does not reduce the freezing temperature of the pavement surface until it has created a brine. Rock salt is typically pre-wetted while it is being applied to the pavement surface. Rock salt can be pre-wetted in many ways. The general idea is to get the rock salt wet as it leaves the plow truck. This not only jump-starts the freezing temperature reduction process (and thus gets the salt "working" more quickly) but it also helps the rock salt stay on the road after it is spread. When rock salt is not pre-wet, as much as 30% may end up bouncing straight into the ditch or gutter. Pre-wetting is normally done at rates of around 8 -10 gallons of brine per ton of solid material, but some agencies are now working on

using slurries of rock salt, which has as much as 50 gallons of brine per ton of solid material.

What about corrosion, isn't brine more corrosive than rock salt?

As previously noted, if an agency is using rock salt to its best advantage, it is employing brine. So, rock salt and brine are just two sides of the same coin. That said, yes, chlorides can cause corrosion in metals, and if not treated properly this can cause damage to vehicles and infrastructure. Some organic additives may have corrosion-resistant benefits. Certainly, laboratory studies show that some of the organics reduce corrosion substantially. However, the best way to reduce or avoid corrosion is to take the extra precaution of rinsing off any residue from the road salt or the brine the road salt has become.

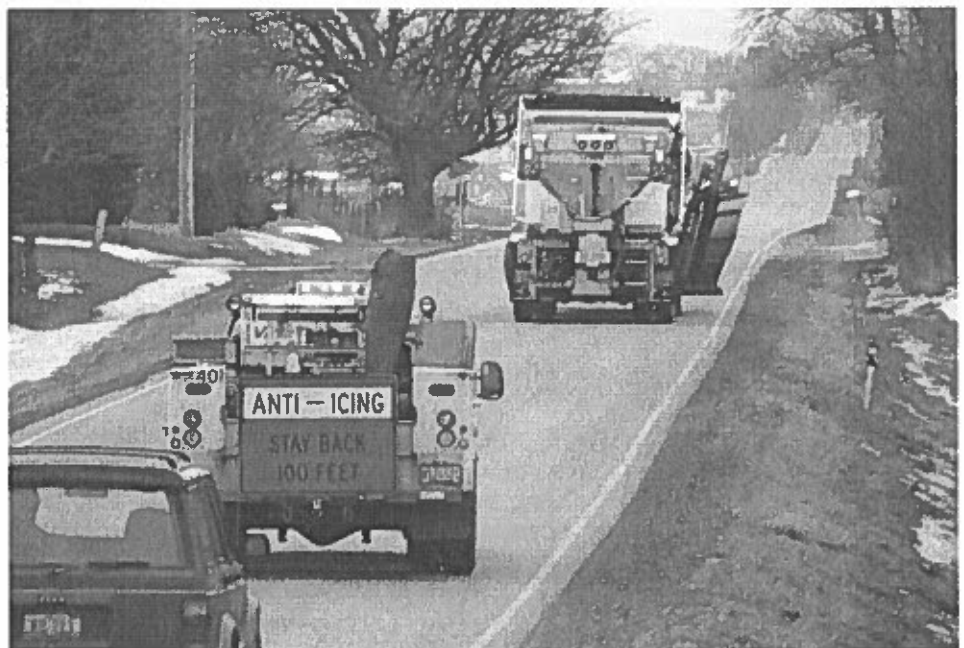
So, does putting down a liquid on a cold road just freeze to the road?

Brine does have a lot of water in it. For example, sodium chloride brine is typically 23.3% sodium chloride when it is applied. That means that it is 76.7% water. But, the salt is in a solution in the water, and that solution has a lower freezing point than pure water, as noted earlier. In particular, when salt brine is applied at a 23.3% concentration, it will freeze

(without any additional dilution) at about -6° F. Unless the road surface is extremely cold, the brine will not freeze to the road. Of course, as it melts snow and ice, it becomes more diluted and—unless additional treatments are made or the road is cleared of snow and ice by plowing—the road will refreeze eventually. But the short answer to this question is NO – the brine will not freeze on the road when it is applied.

So, the brine won't freeze, but will it make the road slippery some other way?

There have been concerns about this slippery issue since the early days of using brines in the US. Indeed, AASHTO (the American Association of State Highway and Transportation Officials) considered this issue back in the 1990s. They concluded there might be an issue of slipperiness with some brines, but it would only occur in very unusual circumstances. These circumstances could be avoided by simply not applying brine when pavement temperatures were warm, or when the air humidity fell within certain ranges. Provided those restrictions are followed, brines do not cause slippery roads at all—rather they enhance road safety and mobility during winter weather and are a clear benefit to the traveling public.



Anti-icing roadways prior to an event in McHenry County, Illinois. (Photo courtesy of Mark DeVries)

COUNCIL LETTER 04072025-VC3

PUBLIC WORKS

EQUIPMENT PURCHASE

DATE: April 3, 2025

FROM: Tim Satrang
City Administrator

Staff is requesting that the City Council authorize the possible purchase (after inspection) of a 2005 International 4300 Digger Derrick in the amount up to \$28,900, in a consignment sale facilitated through Ascendance Truck Center.

2005 INTERNATIONAL 4300

Price: \$28,900

OVERVIEW

Truck Type	Digger Derrick
Condition	Used
Odometer	92,410 mi
Stock#	CONS-SOLAR
VIN	1HTMMAAN95H692700

ADDITIONAL FEATURES

- Air Conditioning
- Power Steering
- Heated Mirrors
- Tilt/Telescopic Wheel
- Cruise Control
- Amber Beacon Lights
- Pintle Hitch
- Differential Locks



CVT	Jurisdiction	C/T	Date	Time	am/pm	Type	Location
10	Duluth	City	^5/7/25	10-5	AM	LBAE	City Hall - 3rd Floor
15	Biwabik	City	04/08/25	5-6	PM	LBAE	Biwabik City Hall
20	Chisholm	City	04/22/25	4-5	PM	LBAE	Chisholm City Hall
30	Ely	City	04/17/25	5-6	PM	LBAE	Ely City Hall
40	Eveleth	City	05/14/25	1-2	PM	LBAE	Eveleth City Hall
60	Gilbert	City	04/09/25	3-4	PM	Open Book	Please call your Appraiser
80	Tower	City	04/29/25	10-11	AM	Open Book	Please call your Appraiser
90	Virginia	City	05/07/25	9-10	AM	LBAE	Virginia City Hall
100	Aurora	City	04/10/25	1-2	PM	LBAE	Aurora City Hall
105	Babbitt	City	04/15/25	5-6	PM	LBAE	Babbitt Municipal Center
110	Brookston	City	04/15/25	9-10	AM	Open Book	Please call your Appraiser
115	Buhl	City	04/15/25	10-11	AM	LBAE	Buhl Senior Center
120	Cook	City	04/16/25	11-12	AM	Open Book	Please call your Appraiser
125	Floodwood	City	04/16/25	3-4	PM	LBAE	Floodwood City Hall
139	Hibbing	City	05/13/25	1-2	PM	LBAE	Hibbing City Hall
140	Hibbing	City	05/13/25	1-2	PM	LBAE	Hibbing City Hall
141	Hibbing	City	05/13/25	1-2	PM	LBAE	Hibbing City Hall
142	Hoyt Lakes	City	04/24/25	5-6	PM	LBAE	Hoyt Lakes City Hall
145	Iron Junction	City	04/16/25	9-10	AM	Open Book	Please call your Appraiser
150	Kinney	City	05/08/25	5-6	PM	LBAE	Kinney/Great Scott Library
156	Leonidas	City	04/23/25	9-10	AM	Open Book	Please call your Appraiser
160	McKinley	City	04/09/25	1-2	PM	Open Book	Please call your Appraiser
165	Meadowlands	City	04/15/25	5-6	PM	LBAE	Meadowlands City Hall
175	Mountain Iron	City	04/24/25	5-6	PM	LBAE	Mt Iron City Hall
180	Orr	City	04/16/25	9-10	AM	Open Book	Please call your Appraiser
185	Proctor	City	05/06/25	10-11	AM	LBAE	Proctor City Hall
190	Winton	City	04/30/25	10-11	AM	LBAE	Winton Community Center
200	Alango	Twp	04/23/25	5-6	PM	LBAE	St. Paul's Lutheran Church
205	Alborn	Twp	04/23/25	10-11	AM	LBAE	Alborn Town Hall
210	Alden	Twp	05/08/25	1-2	PM	LBAE	Alden Town Hall
215	Angora	Twp	05/15/25	6-7	PM	LBAE	Angora Town Hall
225	Arrowhead	Twp	05/06/25	4-5	PM	LBAE	Arrowhead Town Hall
230	Ault	Twp	04/09/25	2-3	PM	LBAE	Ault Town Hall
235	Balkan	Twp	05/01/25	6-7	PM	LBAE	Balkan Community Center
240	Bassett	Twp	04/30/25	3-4	PM	LBAE	Bassett Town Hall
250	Beatty	Twp	05/08/25	10-11	AM	LBAE	Beatty Town Hall
260	Biwabik	Twp	04/08/25	11-12	AM	LBAE	Biwabik Town Hall
270	Breitung	Twp	05/06/25	1-2	PM	LBAE	Breitung Town Hall
275	Brevator	Twp	04/08/25	11-12	AM	LBAE	Brevator Town Hall
278	Camp 5	Twp	04/24/25	11-12	AM	LBAE	Camp 5 Town Hall
280	Canosia	Twp	04/30/25	10-11	AM	LBAE	Canosia Town Hall
285	Cedar Valley	Twp	04/17/25	1-2	PM	LBAE	Cedar Valley Town Hall
290	Cherry	Twp	05/06/25	6-7	PM	LBAE	Cherry Community Center
295	Clinton	Twp	05/13/25	4-5	PM	LBAE	Clinton Town Hall
300	Colvin	Twp	05/08/25	10-11	AM	LBAE	Colvin Town Hall
305	Cotton	Twp	04/10/25	4-5	PM	LBAE	Cotton Community Center
308	Crane Lake	Twp	04/30/25	3-4	PM	LBAE	Fellowship Hall
310	Culver	Twp	05/01/25	4-5	PM	LBAE	Culver Town Hall
315	Duluth	Twp	04/22/25	2-3	PM	Open Book	Please call your Appraiser
317	Eagles Nest	Twp	05/09/25	10-11	AM	LBAE	Eagles Nest Town Hall
320	Ellsburg	Twp	04/10/25	1-2	PM	LBAE	Melrude Town Hall

Peggy Anderson

From: Mary Luomanen <maryluomanen@gmail.com>
Sent: Wednesday, April 2, 2025 8:13 AM
To: Peggy Anderson; Peggy Anderson
Subject: Resignation from Public Health and Safety Board

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.

Mayor Anderson,

Due to some changes in my personal life, I am unable to stay on the Public Health and Safety Board going forward. I appreciate the opportunity I have had to serve and have learned so much.
Thank you,

Mary Luomanen