

**MOUNTAIN IRON CITY COUNCIL MEETING  
COMMUNITY CENTER  
MOUNTAIN IRON ROOM  
MONDAY, MARCH 19, 2012 - 6:30 P.M.  
A G E N D A**

- I. Roll Call
- II. Consent Agenda
  - A. Minutes of the March 5, 2012, Regular Meeting (#1-5)
  - B. Receipts
  - C. Bills and Payroll
  - D. Communication (#35-39)
- III. Public Forum
- IV. Committee and Staff Reports
  - A. Mayor's Report
  - B. City Administrator's Report
  - C. Interim Public Works Director's Report
  - D. Library Director's Report
  - E. City Attorney's Report
  - F. Sheriff's Department Report
    - 1. Monthly Statistics (#6-7)
  - G. City Engineer's Report
  - H. Liaison Reports
- V. Unfinished Business
- VI. New Business
  - A. Resolution Number 05-12 Accepting Report and Ordering a Hearing (#8-26)
  - B. Strategic Plan Proposal (#27-30)
  - C. County Road 102 Alignment Proposal (#31-32)
  - D. Law Enforcement Scholarship Foundation (#33)
- VII. Communications (#35-39)
- VIII. Announcements
- IX. Closed Meeting (#34)
- X. Adjourn

# Page Number in Packet

MINUTES  
MOUNTAIN IRON CITY COUNCIL  
MARCH 5, 2012

Mayor Skalko called the City Council meeting to order at 6:32 p.m. with the following members present: Joe Prebeg, Jr., Tony Zupancich, Susan Tuomela, Ed Roskoski, and Mayor Gary Skalko. Also present were: Craig J. Wainio, City Administrator; Jill M. Anderson, Municipal Services Secretary; Rod Flannigan, City Engineer; Michael Downs, Interim Public Works Director; and John Backman, Sergeant.

The Mayor advised the Council Members that there is a set agenda to follow for each meeting and, if there are particular questions for Staff Members, Council members can meet with City Staff on their own time.

It was moved by Skalko and seconded by Zupancich that the consent agenda be approved as follows:

1. Approve the minutes of the February 21, 2012, regular meeting as submitted.
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 February 16-29, 2012, totaling \$512,425.29, (a list is attached and made a part of these minutes).
4. To authorize the payments of the bills and payroll for the period February 16-29, 2012, totaling \$194,730.81, (a list is attached and made a part of these minutes).

The motion carried on a roll call vote.

During the public forum, John Carroll and Gary Cerkenik, Silicon Energy, presented a proposal to the Council regarding the City of Mountain Iron's Solar Panel Project to leverage the IRRRB Grant that the City had been awarded with Federal incentive money that were available through an investment group.

It was moved by Roskoski and seconded by Tuomela to authorize the City of Mountain Iron to work with the Architect designing the Solar Panel Project to proceed with Option E. The motion carried.

It was moved by Zupancich and seconded by Tuomela to authorize the City Administrator and the City Attorney to work with Newport Partners to approve the letter of intent with a modification of the total cost of the project being \$205,000 for the Solar Panel Project. The motion carried.

The Mayor reported on the following:

- Meeting Notice. An IRRRB Listening Group meeting is scheduled for Tuesday, March 20, 2012 at the Range Recreation Civic Center in Eveleth at 5:30 p.m.
- Mountain Iron-Buhl Boys and Girls Basketball Teams. He wished the teams best of luck in their tournaments.
- Prebeg Memorial Ride. Councilor Prebeg informed the Council that over \$50,000 was raised during the February snowmobile ride. The Mayor commended the Prebeg family for completing the fundraiser for the VRMC Diabetes Center.

The City Administrator reported on the following:

- Blight Complaints. He said that before the recent snow, there were several calls into the City regarding blight and weeds. He encouraged residents to maintain their property.
- Strategic Plan. Arrowhead Regional Development would be contacted to begin work to update the City's plan. The Council may have to hold a special meeting to work on the plan.
- Fire Department. A Fire Captain had requested a six month leave of absence beginning January 1, 2012. Applications were being accepted for the Interim Captain position and an appointment would be made by the City Administrator and the Fire Chief as per the City's policy.

The Interim Director of Public Works reported on the following:

- Water Line Breaks. There were two water line breaks recently. He requested that residents call the City Hall if they see water pooling and the Public Works Employees would check the area for breaks.

It was moved by Zupancich and seconded by Tuomela to authorize Benchmark Engineering to prepare plans and specifications for the curb and sidewalk at the Community Center and the Senior Center. The motion carried with Roskoski voting no.

It was moved by Tuomela and seconded by Zupancich to authorize City Staff to seek bids for the disposal of the 1926 Hamilton piano and the fountain located at the Library. The motion carried.

During the liaison reports, the following report was given:

- Building and Grounds Committee. Councilor Roskoski offered a suggestion to correct an issue with the ceiling lights at the Library.

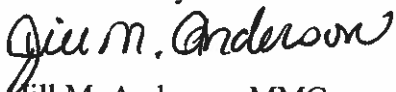
It was moved by Prebeg and seconded by Zupancich to award the quote for the sealing of the wells and removal of the building located adjacent to the former General Electric Property to Petersen Well Drilling for their quote of \$12,900.00. The motion carried unanimously on a roll call vote.

It was moved by Roskoski and seconded by Tuomela to authorize the annual appropriation to Calvary Cemetery Association and Greenwood Cemetery Association in the amount of \$4,500 each as covered by State Statutes. The motion carried unanimously on a roll call vote.

During the announcements, the City Administrator advised the Council that a joint Committee-of-the-Whole meeting is scheduled with the City Council, Planning and Zoning Commission, and the Public Safety and Health Board, to discuss the proposed Rental Ordinance.

At 7:31 p.m., it was moved by Prebeg and seconded by Zupancich that the meeting be adjourned. The motion carried.

Submitted by:

  
Jill M. Anderson, MMC  
Municipal Services Secretary

[www.mtniron.com](http://www.mtniron.com)

#### COMMUNICATIONS

1. Tony Sertich, an announcement for a Listening Session scheduled for March 20, 2012, at the Range Recreation Civic Center in Eveleth at 5:30 p.m.
2. Minnesota Department of Health, forward a copy of the sanitary survey report summarizing an on-site inspection of Mountain Iron's PWS.

Summary By Category And Distribution

Category	Distribution	Amount
UTILITY	UTILITY	160,202.32
BUILDING RENTALS	BUILDING RENTAL DEPOSITS	1,100.00
BUILDING RENTALS	COMMUNITY CENTER	800.00
LICENSES	ANIMAL	20.00
CD INTEREST	CD INTEREST 378	255.36
CD INTEREST	CD INTEREST 602	48.67
CD INTEREST	CD INTEREST 603	105.42
MISCELLANEOUS	REIMBURSEMENTS	585.00
BUILDING RENTALS	NICHOLS HALL	145.00
MISCELLANEOUS	DUE FROM EDA-FUND 101	7,618.49
MISCELLANEOUS	CHECK RETURN FEE	20.00
MISCELLANEOUS	ASSESSMENT SEARCHES	40.00
CD INTEREST	CD INTEREST 101	44.16
CD INTEREST	CD INTEREST 604	115.94
CHARGE FOR SERVICES	ELECTRIC-CHG FOR SERVICES	1,864.43
FINES	PARKING VIOLATIONS	15.00
INTERGOVERNMENTAL REVENUE	MISCELLANEOUS STATE AID	29,099.99
MISCELLANEOUS	BLUE CROSS/BLUE SHIELD PAYABLE	35,443.65
CHARGE FOR SERVICES	SEWER-CHARGE FOR SERVICES	3.86
INTERGOVERNMENTAL REVENUE	TACONITE PRODUCTION TAX	274,898.00
Summary Totals:		<u>512,425.29</u>

Per	Date	Check No	Vendor No	Payee	Check GL Acct	Amount
03/12	03/06/2012	142081	10019	ARMORY SHELL	604-20200	42.52
03/12	03/06/2012	142082	10010	ARROW AUTO	101-20200	65.54
03/12	03/06/2012	142083	10041	ARROWHEAD EMS ASSOCIATION	101-20200	845.00
03/12	03/06/2012	142084	5007	ASSURANT EMPLOYEE BENEFITS	101-20200	686.51
03/12	03/06/2012	142085	20048	BARNES DISTRIBUTION	101-20200	198.92
03/12	03/06/2012	142086	30014	CALVARY CEMETERY ASSOCIATION	101-20200	4,500.00
03/12	03/06/2012	142087	30017	CARQUEST (MOUNTAIN IRON)	101-20200	381.13
03/12	03/06/2012	142088	220003	CITY OF VIRGINIA	101-20200	200.00
03/12	03/06/2012	142089	30072	COMPUTER WORLD	101-20200	2,207.07
03/12	03/06/2012	142090	30032	COURT ADMIN.-CONCILIATION	604-20200	195.00
03/12	03/06/2012	142091	40027	DULUTH/SUPERIOR COMMUNICATION:	101-20200	1,275.00
03/12	03/06/2012	142092	500012	ERA LABORATORIES INC	602-20200	413.80
03/12	03/06/2012	142093	60026	FASTENAL COMPANY	603-20200	83.29
03/12	03/06/2012	142094	60029	FERGUSON ENTERPRISES INC	101-20200	456.77
03/12	03/06/2012	142095	70016	GOPHER STATE ONE CALL INC	604-20200	17.60
03/12	03/06/2012	142096	70006	GREENWOOD CEMETERY	101-20200	4,500.00
03/12	03/06/2012	142097	140013	HD WATERWORKS SUPPLY	601-20200	1,362.60
03/12	03/06/2012	142098	80017	HENRY'S WATERWORKS INC	601-20200	154.27
03/12	03/06/2012	142099	80010	HOMETOWN ELECTRIC	101-20200	752.44
03/12	03/06/2012	142100	80037	HOMETOWN FOCUS	602-20200	152.00
03/12	03/06/2012	142101	210	JANET SKINNER	101-20200	200.00
03/12	03/06/2012	142102	100019	JOLA & SOPP EXCAVATING INC	101-20200	150.00
03/12	03/06/2012	142103	120032	LAKE COUNTRY POWER	101-20200	211.34
03/12	03/06/2012	142104	120002	LAWSON PRODUCTS INC	101-20200	50.90
03/12	03/06/2012	142105	120003	LEAGUE OF MINNESOTA CITIES	101-20200	80.00
03/12	03/06/2012	142106	130030	MACQUEEN EQUIPMENT	603-20200	143.08
03/12	03/06/2012	142107	130044	MINNESOTA DEPT OF HEALTH	601-20200	1,497.00
03/12	03/06/2012	142108	130009	MINNESOTA POWER (ALLETE INC)	101-20200	1,436.01
03/12	03/06/2012	142109	130031	MOUNTAIN IRON ECONOMIC DEV	102-20200	9,180.64
03/12	03/06/2012	142110	140047	NARDINI FIRE EQUIPMENT CO INC	101-20200	1,045.68
03/12	03/06/2012	142111	140052	NORTHEAST SERVICE COOPERATIVE	101-20200	48,900.33
03/12	03/06/2012	142112	140008	NORTRAX EQUIPMENT/POWERPLAN	101-20200	4,398.72
03/12	03/06/2012	142113	160057	PHIL'S GARAGE DOOR SERVICE	101-20200	187.50
03/12	03/06/2012	142114	160060	PIT & QUARRY SUPPLIES INC	101-20200	2,532.94
03/12	03/06/2012	142115	160023	POHAKI LUMBER	101-20200	33.64
03/12	03/06/2012	142116	160020	PTM DOCUMENT SYSTEMS	101-20200	48.75
03/12	03/06/2012	142117	180012	RESCO	604-20200	187.30
03/12	03/06/2012	142118	3024	RHONDA NIEMI	101-20200	200.00
03/12	03/06/2012	142119	180005	ROAD MACHINERY AND SUPPLY	603-20200	192.44
03/12	03/06/2012	142120	190004	SKUBIC BROS INC	101-20200	2,481.93
03/12	03/06/2012	142121	190024	ST LOUIS CO SHERIFF LITMAN	101-20200	40,833.00
03/12	03/06/2012	142122	190090	SUMMIT SUPPLY CORP OF COLORADO	101-20200	118.00
03/12	03/06/2012	142123	210001	UNITED ELECTRIC COMPANY	604-20200	141.21
03/12	03/06/2012	142124	210002	UNITED TRUCK BODY COMPANY INC	101-20200	300.22
03/12	03/06/2012	142125	220025	VERIZON WIRELESS	601-20200	293.59
03/12	03/06/2012	142126	220015	VIKING INDUSTRIAL NORTH	101-20200	393.48
03/12	03/06/2012	142127	3025	WILLIAM S JOHNSON	101-20200	200.00
03/12	03/06/2012	142128	260003	ZEE SERVICE COMPANY	101-20200	146.45
03/12	03/06/2012	142129	260001	ZIEGLER INC	101-20200	206.35

Totals:

134,279.96

Payroll-PP Ending 3/2/2012

60,450.85

TOTAL EXPENDITURES

\$194,730.81



# Saint Louis County

8586 Enterprise Dr. S., Mountain Iron, MN 55768  
(218) 748-7574

Sheriff Ross Litman

**To:** Mountain Iron Mayor and City Council  
**From:** Sgt. John Backman *(Signature)*  
**Re:** January 2012 Statistics  
**Date:** March 4, 2012

The Mountain Iron Office of the St. Louis County Sheriff reports the below activity for the month of January 2012:

- 18 Disturbances (arguments, threats, unwanted persons, 911 hangup)
- 3 Public assists (roadside assistance/checks, patrol requests, vehicle unlocks)
- 9 Suspicious persons/vehicles/circumstances
- 7 Motor vehicle crashes
- 7 Welfare checks, suicide threats, neglect/abandoned persons, runaway/lost/missing
- 4 Fire & medical
- 1 Drug related calls
- 6 Alarms
- 6 Assaults
- 2 Damage to Property
- 4 Thefts
- 3 Burglary (or attempted)
- 12 Miscellaneous calls (civil/custody/property disputes, animal & traffic complaints, warrant/paper service)
- 22 Traffic Stops
- 8 Traffic Citations
- 9 Parking citations
- 3 DUI
- 18 Assists: 10 Sheriffs, 4 Virginia PD, 2 Other PD's, 2 MSP, 4 inside Mt. Iron

This activity resulted in 7 custodial arrests.



# Saint Louis County

8586 Enterprise Dr. S., Mountain Iron, MN 55768  
(218) 748-7574

Sheriff Ross Litman

**To:** Mountain Iron Mayor and City Council  
**From:** Sgt. John Backman *JLB*  
**Re:** February 2012 Statistics  
**Date:** March 5, 2012

The Mountain Iron Office of the St. Louis County Sheriff reports the below activity for the month of February 2012:

15	Disturbances (arguments, threats, unwanted persons, 911 hangup)
9	Public assists (roadside assistance/checks, patrol requests, vehicle unlocks)
11	Suspicious persons/vehicles/circumstances
3	Motor vehicle crashes
10	Welfare checks, suicide threats, neglect/abandoned persons, runaway/lost/missing
3	Fire & medical
7	Alarms
2	Assaults
0	Damage to Property
7	Thefts
2	Burglary (or attempted)
18	Miscellaneous calls (civil/custody/property disputes, animal & traffic complaints, warrant/paper service)
23	Traffic Stops
5	Traffic Citations
1	DUI
17	Assists: 6 Sheriffs, 6 Virginia PD, 1 Other PD's, 1 MSP, 2 inside Mt. Iron
12	Parking citations

This activity resulted in 1 custodial arrest.



**COUNCIL LETTER 031912-VIA**

**ADMINISTRATION**

**RESOLUTION 05-12**

**DATE:** March 15, 2012  
**FROM:** Craig J. Wainio  
City Administrator

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Resolution Number 05-12 accepts the feasibility study and orders a hearing for the installation of a water main along the west side of County Road 7 from Spruce Drive to Southern Drive. This Resolution also sets the second meeting in April as a hearing date for the proposed project. It is recommended that the City Council adopt Resolution Number 05-12.



# 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 05-12

### RECEIVING REPORT AND CALLING HEARING ON IMPROVEMENT

**WHEREAS**, pursuant to Resolution Number 04-12 of the City Council adopted February 6, 2012, a report has been prepared by Benchmark Engineering with reference to improvements to the Mountain Iron Water System along County Road 7 between Spruce Drive and Southern Drive by installing a water main and this report was received by the City Council on March 19, 2012, 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 16<sup>th</sup> day of April, 2012, 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 19<sup>th</sup> DAY OF MARCH, 2012.**

ATTEST:

\_\_\_\_\_  
Mayor Gary Skalko

\_\_\_\_\_  
City Administrator



# BENCHMARK ENGINEERING, INC.

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

March 14, 2012

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

Re: County Road 7 Watermain Extension Feasibility Report  
City of Mountain Iron  
Project No. MI12-05

Dear Mr. Wainio,

Enclosed please find seven (7) copies of the County Road 7 Watermain Extension Feasibility Report for approval at your next scheduled City Council meeting.

If the City of Mountain intends to have this project constructed in 2012, please authorize Benchmark Engineering to proceed with the Plans and Specifications at this time.

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.

Enclosures

**County Road 7 Watermain Extension  
Feasibility Report  
Project No. MI12-05**

**Mountain Iron, Minnesota  
March 12, 2012**

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 14, 2012 License No. 48185

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## **BACKGROUND**

On February 6, 2012 the Mountain Iron City Council requested a feasibility report to make improvements to the Mountain Iron Water System along County Road 7 between Spruce Drive and Southern Drive. City staff directed Benchmark Engineering, Inc. to also report on the improvements of water distribution system from the Industrial Park to Bluebell Avenue along Jasmine Street and to address potential watermain crossings of County Road 7 at Jasmine Street and Gardenia Street.

Saint Louis County has indicated to Benchmark Engineering staff that they intend to make improvements to County Road 7 in 2013 within the area of this study. Saint Louis County has also requested that cities make improvements to utilities in proposed project areas, either in the year prior or in conjunction with the proposed road projects.

## **EXISTING CONDITIONS**

This report is separated into several project areas as follows:

- County Road 7 Area (beginning at Spruce Drive and ending at Southern Drive)
- Jasmine Street Crossing (beginning at County Road 7 and ending at Daffodil Avenue along Jasmine Street)
- Gardenia Street Crossing (beginning at County Road 7 and ending at Daffodil Avenue along Gardenia Street)
- Industrial Park Area (beginning at Bluebell Avenue and Jasmine Street and ending in the Industrial Park on Higgins Drive)

Refer to the Conceptual Layout Map in the Appendix of this report for a map of the project areas.

### ***County Road 7 Area***

This area begins at Spruce Drive and follows County Road 7 southerly to Southern Drive. County Road 7, Spruce Drive and Southern Drive are all paved bituminous streets in this project area. Currently this area of County Road 7 is scheduled for a road improvement project in 2013 by Saint Louis County.

A 10" watermain is located along the west side of County Road 7 at the north end of this project area. The 10" watermain crosses County Road 7 at Spruce Drive and feeds the Ann's Acres area. This 10" watermain was constructed in 1997 and City Staff has indicated that it is in good condition.

The Virginia Public Utilities (VPU) operates a water system along Southern Drive. The VPU water system supplies water to the the trailer park and residences along Southern Drive. VPU has expressed interest in operating a water interconnection at Southern Drive to be used by either the City of Mountain Iron or VPU in an emergency situation. VPU currently has an 8" watermain along Southern Drive which dead ends at the intersection of County Road 7 on the east side. The City of Mountain Iron currently has no watermain constructed between Spruce Drive and Southern Drive in this area.

### ***Jasmine Street Crossing***

This area begins at the intersection of County Road 7 and Jasmine Street and goes to the east along Jasmine Street to the intersection of Daffodil Avenue. Jasmine Street and County Road 7 area both

paved bituminous roadways in this project area. Currently this area of County Road 7 is scheduled for a road improvement project in 2013 by Saint Louis County.

A 10" watermain is located along the west side of County Road 7 in this area. A 4" watermain is located at the intersection of Daffodil Avenue and Jasmine Street. Currently there is no other watermains in this area.

The West Virginia/West Gate water distribution systems were studied in a report dated February 16, 2011 by Benchmark Engineering. The recommendation of the report was to connect the watermain in this area via a crossing of County Road 7 in order to increase the fire flow capacity along with the potential to increase the residual pressures.

#### ***Gardenia Street Crossing***

This area begins at the intersection of County Road 7 and Gardenia Street and goes to the east along Gardenia Street to the intersection of Daffodil Avenue. Gardenia Street and County Road 7 area both paved bituminous streets within this project area. Again, this area of County Road 7 is scheduled for a road improvement project in 2013 by Saint Louis County.

A 10" watermain is located along the west side of County Road 7 and a 6" watermain is located at the intersection of Daffodil Avenue and Gardenia Street. Currently there is no other watermains in this area.

The West Virginia/West Gate water distribution systems were studied in a report dated February 16, 2011 by Benchmark Engineering. As stated earlier, the recommendation of the report was to also connect the watermain in this area via a crossing of County Road 7 in order to increase the fire flow capacity along with the potential to increase the residual pressures.

#### ***Industrial Park Area***

The Industrial Park Area begins on Jasmine Street at the intersection of Bluebell Avenue and extends east along Jasmine Street & Higgins Drive into the Mountain Iron Industrial Park. Jasmine Street is a paved bituminous roadway from the intersection of Bluebell Avenue to Aster Avenue, and then the street is a gravel roadway from Aster Avenue as you head east into the Industrial Park along Jasmine Street and Higgins Drive.

Currently, at the intersection of Bluebell Avenue and Jasmine Street there is an existing 4" watermain. Also, along Higgins Drive, city staff indicated that there is a 8" watermain that is supplied from North Court. There are several industrial water users along Higgins Drive and one of the largest municipal water users is located near the area that the watermain along Higgins Drive currently dead-ends. No existing flow or pressure information was made available for the Industrial Park area.

The Bluebell Avenue and Jasmine Street area is part of an area addressed in a report dated February 16, 2011 by Benchmark Engineering. As stated earlier, this report recommends looping water watermains in West Virginia and West Gate to increase the flow capacity into areas with smaller watermains.

### **PROPOSED IMPROVEMENT PLAN**

The City Council and City Staff directed Benchmark Engineering to report on the feasibility of improvements to the water distribution system in the above described areas. Based upon information

available proposed improvement plans were developed for each area described above. The proposed improvements for each area are as follows.

Saint Louis County staff was contacted to discuss the coordination of this proposed project. Staff from Saint Louis County indicated that they preferred to have utilities directionally drilled if installed beneath County Road 7. If the utility crossings of County Road 7 must be open cut, the County is requiring that appropriate trench tapering is done to the subgrade, thus increasing the removal areas and overall reconstruction costs. For this reason, directional drilling will be reviewed to determine if it is a feasible construction method.

### ***County Road 7 Watermain Extension***

The water distribution system would be improved by extending a 10" watermain from Spruce Drive south along the west side of County Road 7 to South Drive. The watermain would cross County Road 7 and connect to the VPU watermain. This would allow both VPU and the City of Mountain Iron to utilize this connection in an emergency, which would otherwise compromise the safety of the municipal water distribution system. Both VPU and the City of Mountain Iron could benefit from this interconnection for use as a secondary source of municipal water.

This proposed improvement would provide municipal water directly adjacent to the west side of County Road 7 for any potential future development.

Advantages of this proposed improvement:

- Provides an connection to another source of drinking water for emergencies
- Creates more marketable properties along the west side of County Road 7
- Potential increases the future tax base
- Provides redundant connections for repair and/or emergencies

Disadvantages of this proposed improvement:

- Costs of construction
- Creates a long dead-end watermain, unless connected to VPU watermain
- Increased maintenance costs to the City of Mountain Iron water distribution system

### ***Jasmine Street Crossing***

The water distribution system would be improved by connecting the 10" watermain located along County Road 7 to the watermain at Daffodil Avenue along Jasmine Street. A 10" watermain would be extended along Jasmine Street.

Advantages of this proposed improvement:

- Increase in fire flows
- Increase in residual pressures.
- Redundant connection to the West Virginia/ West Gate area makes the water distribution system more reliable.

Disadvantages of this proposed improvement:

- Costs of construction
- Increased maintenance costs to the City of Mountain Iron water distribution system



### ***Gardenia Street Crossing***

The water distribution system would be improved by connecting the 10" watermain located along County Road 7 to the watermain at Daffodil Avenue along Gardenia Street. A 10" watermain would be extended along Gardenia Street and this proposed improvement plan would benefit West Gate area water supply system.

Advantages of this proposed improvement:

- Increase in fire flows
- Increase in residual pressures.
- Redundant connection to the West Gate areas makes the water distribution system more reliable.

Disadvantages of this proposed improvement:

- Costs of construction
- Increased maintenance costs to the City of Mountain Iron water distribution system

### ***Industrial Park Watermain Loop***

The water distribution system would be improved by connecting 8" watermain located along Higgins Drive to the watermain at Bluebell Avenue along Jasmine Street. An 8" watermain would be extended along Jasmine Street and Higgins Drive to complete this improvement. This proposed improvement plan would benefit West Virginia and West Gate areas as well as the Industrial Park.

Currently a large municipal water user is located inside of the industrial park and serviced by a dead-end watermain. If the City of Mountain Iron needs to flush this watermain, it has to be completed early in the morning or late at night. At this time, if this watermain were to break, there is no other way to service these customers until a repair is completed. With the proposed water loop it would be possible to make repairs without interrupting all of the customers located along this existing watermain through the industrial park.

This proposed improvement is focused on improvements only to the water distribution system. To minimize surface disruption directional drilling methods of construction will be analyzed to determine if they are cost effective for this portion of an improvement plan.

Advantages of this proposed improvement:

- Increase in fire flows
- Increase in residual pressures.
- Redundant connection to the Industrial Park and West Virginia/West Gate areas makes the water distribution system more reliable.
- Eliminate a dead-end watermain in the industrial park.
- Reduces maintenance costs to the City of Mountain Iron water distribution system, eliminates the need to use overtime to complete maintenance tasks.

Disadvantages of this proposed improvement:

- Costs of construction

## **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.

### **OPINION OF COST SUMMARY**

	<b>ITEM</b>	<b>ESTIMATED COST</b>
1.	<b>CONSTRUCTION COST (COUNTY ROAD 7 WATERMAIN EXTENSION)</b>	<b>\$198,025</b>
2.	<b>CONSTRUCTION COST (JASMINE STREET CROSSING)</b>	<b>\$73,555</b>
3.	<b>CONSTRUCTION COST (GARDENIA STREET CROSSING)</b>	<b>\$45,160</b>
4.	<b>CONSTRUCTION COST (INDUSTRIAL PARK WATERMAIN LOOP)</b>	<b>\$95,740</b>
	<b>CONTINGENCY (10%)</b>	<b>\$41,250</b>
	<b>ENGINEERING - DESIGN AND CONSTRUCTION PHASE (ESTIMATED)</b>	<b>\$78,370</b>
	<b>APPROXIMATE TOTAL COST</b>	<b>\$532,100</b>

## **SOURCES OF FUNDING**

The City of Mountain Iron has received a \$250,000 grant from Iron Range Resources for the proposed watermain extension project. City Staff has indicated if additional funds are needed to complete this project, they would likely come out of the City's General Fund.

## **SUMMARY**

In conclusion, the afore-mentioned information attempts to summarize the existing conditions and proposed improvement plans for the water distribution system within the City of Mountain Iron.

It is our opinion that based on this information; the proposed watermain extensions are feasible and would provide the City of Mountain Iron with necessary watermain to several proposed sites suitable for future development. The watermain loops proposed are all feasible and would provide increased fire flows and residual pressures to the West Gate, West Virginia, and Industrial Park areas. In addition, the Industrial Park watermain loop would eliminate a dead-end watermain.

City staff indicated that the preferred crossing would be at Jasmine Street when compared to Gardenia Street crossing. The Jasmine Street crossing would feed into nearly the middle of West Gate and West Virginia, while the Gardenia Street Crossing would be at the south side. Benchmark Engineering reviewed the water model previously prepared to evaluate several scenarios in conjunction with the Jasmine Street crossing.



If the Industrial Park watermain loop was completed in conjunction with the Jasmine Street watermain crossing, more significant increases to the fire flows and residual pressures could be possible in the Industrial Park/West Gate and West Virginia areas. If Jasmine Street crossing was completed in conjunction with the Gardenia Street crossing there would be little benefit to the water distribution system inside of the Industrial Park, just increased flows to West Gate and West Virginia areas.

Benchmark Engineering recommends to proceed with plans and specification for the watermain extension along County Road 7 and Jasmine Street as a Base Bid, and to address the other areas with Add Alternate Bids. This will allow as much of the project to be completed as possible within the City's budget.

Directional drilling may be a feasible construction method for this project and the recommendation is to bid the project with add alternates to directionally drill in lieu of open cut construction methods. This will allow the City of Mountain Iron to select the most cost effective construction method and maximize the project's overall value per dollar spent.

## **APPENDIX A: CONCEPTUAL LAYOUT MAPS**



 <b>BENCHMARK</b> ENGINEERING, INC.	8878 Iola Street P.O. Box 281 Mountain Iron, MN 55786 Phone 218-735-8814 Fax 218-735-8823 E-MAIL: info@ben-eng.com Website: www.ben-eng.com	<ul style="list-style-type: none"> <li>• CIVIL ENGINEERING</li> <li>• ENVIRONMENTAL ENGINEERING</li> <li>• LAND SURVEYING</li> <li>• PLANNING</li> <li>• ARCHITECTURE</li> <li>• LAND DATA BASE MAPPING</li> </ul>																																		
PROJECT NO. 1412-03 DATE MARCH 2, 2012 DRAWN BY: X CHECKED BY: X																																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">DATE</th> <th style="width: 10%;">REVISIONS</th> <th style="width: 80%;">DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>				DATE	REVISIONS	DESCRIPTION																														
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<b>COUNTY ROAD 7 WATERMAIN EXTENSION FEASIBILITY REPORT</b> MOUNTAIN IRON, MN																																				
<b>EXHIBIT "A"</b>																																				
SHEET NO. <b>1</b> OF <b>1</b>																																				

**APPENDIX B: DETAILED COST ESTIMATES**



**ENGINEER'S ESTIMATE OF QUANTITIES AND OPINION OF PROBABLE COST  
 COUNTY ROAD 7 FEASIBILITY STUDY  
 CITY OF MOUNTAIN IRON, MINNESOTA  
 PROJECT NO: MI12-05**

				CR. 7 WATERMAIN EXTENSION	
SPEC. NO.	ITEM	UNITS	UNIT COST	TOTAL EST. QUANTS	AMOUNT
2101.501	CLEARING AND GRUBBING	LUMP SUM	\$2,500.00	1.0	\$2,500.00
2104.523	SALVAGE SIGNS	EACH	\$100.00	4.0	\$400.00
2105.501	COMMON EXCAVATION (PV)	CU. YD.	\$15.00	100.0	\$1,500.00
2105.503	ROCK EXCAVATION	CU. YD.	\$50.00	25.0	\$1,250.00
2105.522	SELECT GRANULAR BORROW	CU. YD.	\$15.00	15.0	\$225.00
2105.535	SALVAGE TOPSOIL	CU. YD.	\$8.00	200.0	\$1,600.00
2211.503	AGGREGATE BASE (CV) CLASS V	CU. YD.	\$20.00	70.0	\$1,400.00
2221.503	AGGREGATE SHOULDERING (CV) CLASS 1	CU. YD.	\$20.00	50.0	\$1,000.00
2504.602	CONNECT TO EXISTING WATERMAIN	EACH	\$1,000.00	3.0	\$3,000.00
2504.602	HYDRANT ASSEMBLY	EACH	\$5,000.00	3.0	\$15,000.00
2504.602	ADJUST GATE VALVE	EACH	\$500.00	1.0	\$500.00
2504.602	6" GATE VALVE AND BOX	EACH	\$1,800.00	1.0	\$1,800.00
2504.602	8" GATE VALVE AND BOX	EACH	\$2,200.00	1.0	\$2,200.00
2504.602	10" GATE VALVE AND BOX	EACH	\$2,400.00	4.0	\$9,600.00
2504.603	8" HDPE WATERMAIN, SDR11	LIN. FT.	\$45.00	120.0	\$5,400.00
2504.603	10" WATERMAIN DIP, CL52	LIN. FT.	\$50.00	10.0	\$500.00
2504.603	10" HDPE WATERMAIN, SDR 11	LIN. FT.	\$50.00	2,160.0	\$108,000.00
2504.603	10" HDPE WATERMAIN, SDR 11 (DIRECTIONALLY DRILLED)	LIN. FT.	\$75.00	200.0	\$15,000.00
2504.603	8" HDPE MECHANICAL JOINT ADAPTER	EACH	\$400.00	5.0	\$2,000.00
2504.603	10" HDPE MECHANICAL JOINT ADAPTER	EACH	\$450.00	22.0	\$9,900.00
2504.608	WATERMAIN FITTINGS	POUNDS	\$5.00	750.0	\$3,750.00
2563.601	TRAFFIC CONTROL	LUMP SUM	\$5,000.00	1.0	\$5,000.00
2573.502	SILT FENCE-PREASSEMBLED	LIN. FT.	\$2.25	2,000.0	\$4,500.00
2575.555	TURF ESTABLISHMENT	LUMP SUM	\$2,000.00	1.0	\$2,000.00

ESTIMATED CONSTRUCTION COST: \$198,025.00  
 CONTINGENCY (10%): \$19,802.50  
 ENGINEERING - DESIGN/CONSTRUCTION: \$37,624.75

APPROXIMATE BUDGETARY COST: **\$255,452.25**

*Ala J. Johnson*

BENCHMARK ENGINEERING, INC.



ENGINEER'S ESTIMATE OF QUANTITIES AND OPINION OF PROBABLE COST  
 COUNTY ROAD 7 FEASIBILITY STUDY  
 CITY OF MOUNTAIN IRON, MINNESOTA  
 PROJECT NO: MI12-05

SPEC. NO.	ITEM	UNITS	UNIT COST	JASMINE STREET CROSSING	
				TOTAL EST. QUANTS	AMOUNT
2104.501	REMOVE CURB AND GUTTER	LIN. FT.	\$10.00	40.0	\$400.00
2104.503	REMOVE BITUMINOUS PAVEMENT	SQ. FT.	\$2.00	1,850.0	\$3,700.00
2104.513	SAW BITUMINOUS PAVEMENT	LIN. FT.	\$5.00	165.0	\$825.00
2105.501	COMMON EXCAVATION (PV)	CU. YD.	\$15.00	100.0	\$1,500.00
2105.503	ROCK EXCAVATION	CU. YD.	\$50.00	25.0	\$1,250.00
2105.522	SELECT GRANULAR BORROW	CU. YD.	\$15.00	15.0	\$225.00
2105.535	SALVAGE TOPSOIL	CU. YD.	\$8.00	15.0	\$120.00
2105.604	GEOTEXTILE FABRIC	SQ. YD.	\$1.50	200.0	\$300.00
2211.503	AGGREGATE BASE (CV) CLASS V	CU. YD.	\$20.00	100.0	\$2,000.00
2221.503	AGGREGATE SHOULDERING (CV) CLASS 1	CU. YD.	\$20.00	10.0	\$200.00
2350.501	TYPE MV3 WEARING COURSE MIXTURE ©	TON	\$85.00	10.0	\$850.00
2350.502	TYPE MV3 NON WEARING COURSE MIXTURE ©	TON	\$85.00	15.0	\$1,275.00
2360.501	TYPE LV4 WEARING COURSE MIXTURE (3,C)	TON	\$85.00	15.0	\$1,275.00
2360.502	TYPE LV3 NON WEARING COURSE MIXTURE (3,B)	TON	\$85.00	25.0	\$2,125.00
2504.602	CONNECT TO EXISTING WATERMAIN	EACH	\$1,000.00	3.0	\$3,000.00
2504.602	HYDRANT ASSEMBLY	EACH	\$5,000.00	1.0	\$5,000.00
2504.602	ADJUST GATE VALVE	EACH	\$500.00	1.0	\$500.00
2504.602	8" GATE VALVE AND BOX	EACH	\$2,200.00	1.0	\$2,200.00
2504.602	10" GATE VALVE AND BOX	EACH	\$2,400.00	3.0	\$7,200.00
2504.603	6" WATERMAIN DIP, CL52	LIN. FT.	\$40.00	5.0	\$200.00
2504.603	8" HDPE WATERMAIN, SDR11	LIN. FT.	\$45.00	25.0	\$1,125.00
2504.603	10" WATERMAIN DIP, CL52	LIN. FT.	\$50.00	10.0	\$500.00
2504.603	10" HDPE WATERMAIN, SDR 11 (DIRECTIONALLY DRILLED)	LIN. FT.	\$75.00	380.0	\$28,500.00
2504.603	8" HDPE MECHANICAL JOINT ADAPTER	EACH	\$400.00	4.0	\$1,600.00
2504.603	10" HDPE MECHANICAL JOINT ADAPTER	EACH	\$450.00	2.0	\$900.00
2504.608	WATERMAIN FITTINGS	POUNDS	\$5.00	500.0	\$2,500.00
2531.501	CONCRETE CURB AND GUTTER DES. B618	LIN. FT.	\$25.00	40.0	\$1,000.00
2563.601	TRAFFIC CONTROL	LUMP SUM	\$1,500.00	1.0	\$1,500.00
2573.502	SILT FENCE-PREASSEMBLED	LIN. FT.	\$2.25	100.0	\$225.00
2575.555	TURF ESTABLISHMENT	LUMP SUM	\$1,500.00	1.0	\$1,500.00
2582.502	4" SOLID LINE WHITE - EPOXY	LIN. FT.	\$1.50	40.0	\$60.00

ESTIMATED CONSTRUCTION COST: \$73,555.00  
 CONTINGENCY (10%): \$7,355.50  
 ENGINEERING - DESIGN/CONSTRUCTION: \$13,975.45

APPROXIMATE BUDGETARY COST: **\$94,885.95**

*Ala J. Johnson*





**ENGINEER'S ESTIMATE OF QUANTITIES AND OPINION OF PROBABLE COST**  
**COUNTY ROAD 7 FEASIBILITY STUDY**  
**CITY OF MOUNTAIN IRON, MINNESOTA**  
**PROJECT NO: MI12-05**

GARDENIA STREET CROSSING					
SPEC. NO.	ITEM	UNITS	UNIT COST	TOTAL EST. QUANTS	AMOUNT
2104.503	REMOVE BITUMINOUS PAVEMENT	SQ. FT.	\$2.00	850.0	\$1,700.00
2104.513	SAW BITUMINOUS PAVEMENT	LIN. FT.	\$5.00	85.0	\$425.00
2105.501	COMMON EXCAVATION (PV)	CU. YD.	\$15.00	25.0	\$375.00
2105.503	ROCK EXCAVATION	CU. YD.	\$50.00	20.0	\$1,000.00
2105.535	SALVAGE TOPSOIL	CU. YD.	\$8.00	20.0	\$160.00
2105.604	GEOTEXTILE FABRIC	SQ.YD	\$1.50	100.0	\$150.00
2211.503	AGGREGATE BASE (CV) CLASS V	CU. YD.	\$20.00	25.0	\$500.00
2221.503	AGGREGATE SHOULDERING (CV) CLASS 1	CU. YD.	\$20.00	10.0	\$200.00
2360.501	TYPE LV4 WEARING COURSE MIXTURE (3,C)	TON	\$85.00	10.0	\$850.00
2360.502	TYPE LV3 NON WEARING COURSE MIXTURE (3,B)	TON	\$85.00	15.0	\$1,275.00
2504.602	CONNECT TO EXISTING WATERMAIN	EACH	\$1,000.00	3.0	\$3,000.00
2504.602	HYDRANT ASSEMBLY	EACH	\$5,000.00	1.0	\$5,000.00
2504.602	10" GATE VALVE AND BOX	EACH	\$2,400.00	3.0	\$7,200.00
2504.603	6" WATERMAIN DIP, CL52	LIN. FT.	\$35.00	10.0	\$350.00
2504.603	10" WATERMAIN DIP, CL52	LIN. FT.	\$50.00	20.0	\$1,000.00
2504.603	10" HDPE WATERMAIN, SDR 11 (DIRECTIONALLY DRILLE	LIN. FT.	\$75.00	210.0	\$15,750.00
2504.603	10" HDPE MECHANICAL JOINT ADAPTER	EACH	\$450.00	5.0	\$2,250.00
2504.608	WATERMAIN FITTINGS	POUNDS	\$5.00	250.0	\$1,250.00
2563.601	TRAFFIC CONTROL	LUMP SUM	\$1,500.00	1.0	\$1,500.00
2573.502	SILT FENCE-PREASSEMBLED	LIN. FT.	\$2.25	100.0	\$225.00
2575.555	TURF ESTABLISHMENT	LUMP SUM	\$1,000.00	1.0	\$1,000.00

**ESTIMATED CONSTRUCTION COST: \$45,160.00**  
**CONTINGENCY (10%): \$4,516.00**  
**ENGINEERING - DESIGN/CONSTRUCTION: \$8,580.40**  
**APPROXIMATE BUDGETARY COST: \$58,256.40**

*Ala J. Johnson*

BENCHMARK ENGINEERING, INC.



**ENGINEER'S ESTIMATE OF QUANTITIES AND OPINION OF PROBABLE COST**  
**COUNTY ROAD 7 FEASIBILITY STUDY**  
**CITY OF MOUNTAIN IRON, MINNESOTA**  
**PROJECT NO: MI12-05**

SPEC. NO.	ITEM	UNITS	UNIT COST	INDUSTRIAL PARK EXTENSION	
				TOTAL EST. QUANTS	AMOUNT
2104.503	REMOVE BITUMINOUS PAVEMENT	SQ. FT.	\$2.00	5,950.0	\$11,900.00
2104.513	SAW BITUMINOUS PAVEMENT	LIN. FT.	\$5.00	460.0	\$2,300.00
2105.501	COMMON EXCAVATION (PV)	CU. YD.	\$15.00	525.0	\$7,875.00
2105.503	ROCK EXCAVATION	CU. YD.	\$50.00	25.0	\$1,250.00
2105.535	SALVAGE TOPSOIL	CU. YD.	\$8.00	15.0	\$120.00
2105.604	GEOTEXTILE FABRIC	SQ.YD	\$1.50	1,525.0	\$2,287.50
2211.503	AGGREGATE BASE (CV) CLASS V	CU. YD.	\$20.00	525.0	\$10,500.00
2360.501	TYPE LV4 WEARING COURSE MIXTURE (3,C)	TON	\$85.00	60.0	\$5,100.00
2360.502	TYPE LV3 NON WEARING COURSE MIXTURE (3,B)	TON	\$85.00	100.0	\$8,500.00
2504.602	CONNECT TO EXISTING WATERMAIN	EACH	\$1,000.00	2.0	\$2,000.00
2504.602	HYDRANT ASSEMBLY	EACH	\$5,000.00	2.0	\$10,000.00
2504.602	8" GATE VALVE AND BOX	EACH	\$2,200.00	2.0	\$4,400.00
2504.603	6" WATERMAIN DIP, CL52	LIN. FT.	\$40.00	10.0	\$400.00
2504.603	8" HDPE WATERMAIN, SDR11	LIN. FT.	\$45.00	860.0	\$38,700.00
2504.603	8" HDPE MECHANICAL JOINT ADAPTER	EACH	\$400.00	11.0	\$4,400.00
2504.608	WATERMAIN FITTINGS	POUNDS	\$5.00	550.0	\$2,750.00
2563.601	TRAFFIC CONTROL	LUMP SUM	\$1,500.00	1.0	\$1,500.00
2573.502	SILT FENCE-PREASSEMBLED	LIN. FT.	\$2.25	800.0	\$1,800.00
2575.555	TURF ESTABLISHMENT	LUMP SUM	\$2,500.00	1.0	\$2,500.00

**ESTIMATED CONSTRUCTION COST: \$118,282.50**  
**CONTINGENCY (10%): \$11,828.25**  
**ENGINEERING - DESIGN/CONSTRUCTION: \$22,473.68**

**APPROXIMATE BUDGETARY COST: \$152,584.43**

*Alta J. Johnson*

BENCHMARK ENGINEERING, INC.



**ENGINEER'S ESTIMATE OF QUANTITIES AND OPINION OF PROBABLE COST**  
**COUNTY ROAD 7 FEASIBILITY STUDY**  
**CITY OF MOUNTAIN IRON, MINNESOTA**  
**PROJECT NO: MI12-05**

SPEC. NO.	ITEM	UNITS	UNIT COST	Directionally Drilled	
				TOTAL EST. QUANTS	AMOUNT
				<b>INDUSTRIAL PARK EXTENSION</b>	
2104.503	REMOVE BITUMINOUS PAVEMENT	SQ. FT.	\$2.00	600.0	\$1,200.00
2104.513	SAW BITUMINOUS PAVEMENT	LIN. FT.	\$5.00	100.0	\$500.00
2105.501	COMMON EXCAVATION (PV)	CU. YD.	\$15.00	75.0	\$1,125.00
2105.503	ROCK EXCAVATION	CU. YD.	\$50.00	10.0	\$500.00
2105.535	SALVAGE TOPSOIL	CU. YD.	\$8.00	5.0	\$40.00
2105.604	GEOTEXTILE FABRIC	SQ.YD	\$1.50	200.0	\$300.00
2211.503	AGGREGATE BASE (CV) CLASS V	CU. YD.	\$20.00	75.0	\$1,500.00
2360.501	TYPE LV4 WEARING COURSE MIXTURE (3,C)	TON	\$85.00	10.0	\$850.00
2360.502	TYPE LV3 NON WEARING COURSE MIXTURE (3,B)	TON	\$85.00	15.0	\$1,275.00
2504.602	CONNECT TO EXISTING WATERMAIN	EACH	\$1,000.00	2.0	\$2,000.00
2504.602	HYDRANT ASSEMBLY	EACH	\$5,000.00	2.0	\$10,000.00
2504.602	8" GATE VALVE AND BOX	EACH	\$2,200.00	2.0	\$4,400.00
2504.603	6" WATERMAIN DIP, CL52	LIN. FT.	\$40.00	10.0	\$400.00
2504.603	8" HDPE WATERMAIN, SDR11 (Direcitonally Drilled)	LIN. FT.	\$70.00	860.0	\$60,200.00
2504.603	8" HDPE MECHANICAL JOINT ADAPTER	EACH	\$400.00	11.0	\$4,400.00
2504.608	WATERMAIN FITTINGS	POUNDS	\$5.00	550.0	\$2,750.00
2563.601	TRAFFIC CONTROL	LUMP SUM	\$1,000.00	1.0	\$1,000.00
2573.502	SILT FENCE-PREASSEMBLED	LIN. FT.	\$2.25	800.0	\$1,800.00
2575.555	TURF ESTABLISHMENT	LUMP SUM	\$1,500.00	1.0	\$1,500.00

**ESTIMATED CONSTRUCTION COST: \$95,740.00**  
**CONTINGENCY (10%): \$9,574.00**  
**ENGINEERING - DESIGN/CONSTRUCTION: \$18,190.60**

**APPROXIMATE BUDGETARY COST: \$123,504.60**

*Ala J. Johnson*

BENCHMARK ENGINEERING, INC.

**COUNCIL LETTER 031912-VIB**

**ADMINISTRATION**

**STRATEGIC PLAN**

**DATE:** March 15, 2012  
**FROM:** Craig J. Wainio  
City Administrator

---

Staff is proposing an update to the City's Strategic Plan; the current plan is over ten years old. Simply put, strategic planning determines where an organization is going over the next year or more, how it's going to get there and how it'll know if it got there or not. Strategic Planning is a continuous and systematic process where people make decisions about intended future outcomes, how outcomes are to be accomplished, and how success is measured and evaluated. Staff is of the opinion that this process and its outcome would be beneficial for the entire community. Currently the City has \$5000 budgeted for planning and the balance will be paid through the Administrative budget. It is recommended that the City Council approve the proposal from the Arrowhead Regional Development Commission for the facilitation and preparation of a Strategic Plan.

Project Proposal

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City of Mountain Iron - Strategic Plan Update

ARDC Facilitation and Planning Assistance Proposal  
March 7, 2012

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**To contact us:**

ARDC Regional Planning Division  
221 West 1<sup>st</sup> Street  
Duluth, MN 55802  
Project Contact: Andy Hubley  
Direct: 218-529-7512  
Fax: 218-529-7592  
E-mail: [ahubley@ardc.org](mailto:ahubley@ardc.org)



City of Mountain Iron - Strategic Plan Update  
ARDC Facilitation and Planning Assistance Proposal  
*March 7, 2012*

**Summary**

The Arrowhead Regional Development Commission (ARDC) is responding to a request from the City of Mountain Iron to provide information on the cost of ARDC to provide facilitation and planning assistance to update the City's strategic plan.

**ARDC Services:**

ARDC services will include: planning, facilitation, and documentation of an estimated four meetings over a four-month timeframe. Meetings are expected to be 3 hours in length. ARDC will work with the City of Mountain Iron to convene a strategic planning steering committee of key City staff and any other relevant stakeholders.

During the first meeting, ARDC will work with the Committee to identify the scope of the project, defined end goals, and timeline. Successive meetings will include interactive facilitated strategic planning sessions with the Committee to evaluate what elements of the current strategic plan are of value to keep in the plan and what new information needs to be addressed. Over the course of the planning, ARDC will lead the Committee through a visioning and issue identification exercise, identify goals, strategies, and specific action steps for implementation.

**Implementation Schedule**

ARDC proposes to commence work on this project as of April/May, 2012 (date TBD pending completed contract agreement), continuing work over a four-month period to completion of a final strategic planning document.

**Deliverables**

ARDC will provide the following deliverables to the City of Mountain Iron under this proposed work:

- Documentation of meeting summaries and decision making through the strategic planning process.
- Hardcopy and electronic files of strategic plan document.

**Budget**

ARDC estimates that the total cost of these proposed activities to be \$7,666.00. A detailed budget is provided below.

**Arrowhead Regional Development Commission**  
 Regional Planning Division

**ARDC Planning and Facilitation Proposal Budget for City of Mountain Iron Strategic Plan Update**

Activity	Hours	Cost
<b><u>Division Director</u></b>		
Project Supervision / Budget Management	8	\$720.00
	<b>8</b>	<b>\$720.00</b>
<b><u>ARDC Planner</u></b>		
Background development	20	
Four 3-hour facilitated meetings with Mountain Iron Strategic Plan Steering Committee (to include visioning, issue identification, goals, strategies, and action step development)	12	
Meeting Preparation (agenda development, materials preparation in advance of meetings with Committee, facilitation planning) (15 hrs/mtg)	60	
Post meeting documentation (6hrs/mtg)	24	\$1,248.00
	<b>116</b>	<b>\$6,032.00</b>
<b><u>Division Secretary</u></b>		
Project Support (Final Document Layout Design & Printing / CD Creation)	6	\$252.00
	<b>6</b>	<b>\$252.00</b>
<b><u>Direct Costs</u></b>		
Meeting supplies		\$60.00
Travel: 136 miles rmd trip x 4 trips=544 miles @ .555/mile		\$302.00
Printing / Document Production		\$300.00
		<b>\$662.00</b>
<b>Total</b>		<b>\$7,666.00</b>

**COUNCIL LETTER 031912-VIC**

**ADMINISTRATOR**

**COUNTY ROAD 102**

**DATE:** March 15, 2012

**FROM:** Craig J. Wainio  
City Administrator

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Enclosed, please find a map which was forwarded to me from US Steel regarding the proposed realignment of County Road 102. The layout of the road seems to have settled on the alignment presented. If the City Council is satisfied with the layout presented, Staff believes the City Council should go on record as such.





CONFIDENTIAL



8870 Main Street  
 P.O. Box 891  
 Madras, OR 97548  
 Phone: 531-752-8914  
 Fax: 531-752-8923  
 E-Mail: [info@benchmark.com](mailto:info@benchmark.com)  
 Website: [www.benchmark.com](http://www.benchmark.com)

- CIVIL ENGINEERING
- ENVIRONMENTAL ENGINEERING
- LAND SURVEYING
- PLANNING
- WATER
- LAND DATA BASE SUPPORT



PROJECT NO: 00211-01  
 DATE: AUG 23, 2011  
 DRAWN BY: JSA  
 CHECKED BY: X

DATE	REVISIONS	DESCRIPTION

**US STEEL/MINNTAC  
 ENTRANCE ROAD**

**MTN. IRON, MINNESOTA**

**TYPICAL SECTIONS  
 SEGEMENT MAP**

SHEET NO.  
**1 of 2**

Dear Mayor Skalko,

This letter is in reference to our conversation on March 1, regarding the possibility of the City of Mountain Iron making a donation to our Law Enforcement Scholarships Foundation. This donation would be very much appreciated.

The John Kauppinen Memorial Law Enforcement Scholarship Foundation was formed in 2006, in memory of a police officer and a law enforcement instructor who made a significant difference in the lives of his many students and in the world of education.

For over 30 years, law enforcement was our life. My daughters and I are very proud to have been part of the law enforcement family. We have awarded scholarships to ten deserving graduates from the Hibbing Community College Law Enforcement Academy. These scholarships we present each year have a significant meaning to our family. We strive to financially support these young men and women as they start their journey into their law enforcement careers.

For the past three years, we have held Benefit Concerts with famous entertainers coming to the Iron Range, attracting people from all over the U.S. and England bringing in business to many area motels, hotels, bars, restaurants, stores, shopping malls, tourist attractions, etc.

Our mission is to give back to the community what John worked so hard to achieve.

Thank you very much.

Sincerely,

A handwritten signature in cursive script that reads "Marlene Kauppinen". The signature is fluid and matches the printed name below it.

Marlene Kauppinen

**COUNCIL LETTER 031912-IX**

**ADMINISTRATION**

**CLOSED MEETING**

**DATE:** March 15, 2012  
**FROM:** Craig J. Wainio  
City Administrator

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The City Council may enter into a closed meeting under Minn. Stat. §§ 13D.05, subd. 2(b); 13.43, subd. 2(4) for preliminary consideration of allegations or charges against an individual subject to the public body's authority.

COMMUNICATIONS  
MARCH 19, 2012

1. CH2M HILL, informing the EQB Distribution List Agency Reviewers of a meeting regarding the relocation of Highway 53 on Tuesday, March 27, 2012, at the Mountain Iron Community Center.
2. Harriet Scinto and Bonnie Kohler, a letter opposing the adoption of the proposed rental ordinance.
3. Harriet Scinto and Bonnie Kohler, additional information regarding their opposition to the proposed rental ordinance.



CH2M HILL  
1295 Northland Drive  
Suite 200  
Mendota Heights, MN 55120  
Tel 651.688.8100  
Fax 651.688.8844

March 2, 2012

To: EQB Distribution List Agency Reviewers  
From: Doug Abere, CH2M HILL

### **Availability of US 53 Virginia to Eveleth Scoping Document/Draft Scoping Decision Document**

The Minnesota Department of Transportation District 1 (MnDOT D-1) has prepared a Scoping Document/Draft Scoping Decision Document (SD/DSDD) for the US 53 Virginia to Eveleth project as a part of the National Environmental Policy Act (NEPA) process and state environmental review process to fulfill requirements of 42 USC 4332, and Minn Statutes 116D [the Minnesota Environmental Policy Act (MEPA)]. The SD/DSDD is used before preparation of an Environmental Impact Statement (EIS) to reduce the scope and bulk of the EIS by selecting a reasonable range of alternatives for detailed study and identifying the appropriate level of detail for studying project impacts and issues. On behalf of MnDOT District 1, we have enclosed the SD/DSDD for review and comment by your agency.

This project is being undertaken in response to MnDOT's receipt of a notice in May 2010 that easement rights for a portion of existing US 53 right-of-way between Virginia and Eveleth are being terminated. The project is located within Saint Louis County, Minnesota.

MnDOT is requesting comments regarding the SD/DSDD and the project's alternatives and impacts in accordance with federal and state requirements. The comment period will remain open from March 5, 2012 through April 4, 2012. **Written comments on the SD/DSDD will be accepted until the close of business (4:30pm) on April 4, 2012** by the Project Manager, Brian Larson, Mn/DOT - District 1, 1123 Mesaba Avenue, Duluth, MN 55118, phone 218-725-2745, or e-mail [brian.larson@state.mn.us](mailto:brian.larson@state.mn.us).

**An open house and public hearing will be held March 27, 2012** at the Mountain Iron Community Center at 8586 Enterprise Drive South, Mountain Iron, MN **from 4:00 pm to 8:00 pm** to inform the public about the project, and encourage the public to comment and ask questions. The public hearing will have an open house format with a formal presentation at 6:00 pm. Maps, drawings, and other pertinent information, including the SD/DSDD and other project documents developed for the proposed project will be available for public inspection. During the open house the public will be able to discuss the project in an informal matter with project representatives. Comments will be received either written or verbally (by a court recorder), and will become part of the official public hearing record. The comments will be considered when making future project related decisions.

The hearing location is ADA accessible. To request an ASL interpreter or other reasonable accommodation, call Janet Miller at 651-366-4720 or 1-800-657-3774 (Greater Minnesota); 711 or 1-800-627-3529 (Minnesota

Relay) or send an e-mail to [janet.rae.miller@state.mn.us](mailto:janet.rae.miller@state.mn.us). Please request accommodation at least one week in advance.

Copies of the SD/DSDD have been provided to the agencies listed on the Minnesota EQB Distribution list and other interested parties. The document is also available during regular business hours at the following locations:

- Minnesota Department of Transportation - District 1 Duluth Office, 1123 Mesaba Avenue, Duluth, MN 55811
- Minnesota Department of Transportation - District 1 Virginia Office, 101 N. Hoover Road, Virginia, MN 55792
- Minneapolis Public Library, 300 Nicollet Mall, Minneapolis, MN 55401
- Virginia Public Library, 215 South 5<sup>th</sup> Avenue, Virginia, MN 55792
- Eveleth Public Library, 614 Pierce Street, Eveleth, MN 55734
- City of Virginia (Engineering Department), 327 1<sup>st</sup> Street South, Virginia, MN 55792
- Gilbert Public Library, 17 North Broadway Avenue, Gilbert, MN 55741
- Mountain Iron Public Library, 5742 Mountain Avenue, Mountain Iron, MN 55768

The document is also available for review online at [www.dot.state.mn.us/d1/projects/hwy53relocation/](http://www.dot.state.mn.us/d1/projects/hwy53relocation/).

To request this document in an alternative format, call Bruce Lattu at 651-366-4718 or 1-800-657-3774 (Greater Minnesota); 711 or 1-800-627-3529 (Minnesota Relay). You may also send an e-mail to [bruce.lattu@state.mn.us](mailto:bruce.lattu@state.mn.us). Please request at least one week in advance.

Enclosure: SD/DSDD

March 8, 2012

To: Mayor Gary Skalko and the Mt. Iron City Council

Re: Ordinance Number 04-11 Providing for the Regulation of Rental Property

We would like to go on record that we are against this ordinance 100%. We have attended the last two meetings and came away with the same opinion both times that it has too many regulations and standards, inspections that are too costly to the landlords for repairs that would have to be passed on to the renters (some are barely getting by now) causing more hardship to pay higher rent and causing them to move.

If this ordinance is about slumlords, then there are phone numbers the renter can call as was explained by a sheriff at the last meeting. If it is about blight, there is already an ordinance in effect to cover that. It seems like a duplication of regulations to us. Again we are very much against this ordinance.

Respectfully submitted by:

Harriet Scinto  
Bonnie Kohler

*Bonnie Kohler 735-8641*  
*Harriet Scinto 735-8750*

March 12, 2012

To: Mayor Gary Skalko and the Mt. Iron City Council

Re: Ordinance Number 04-11 Providing for the Regulation of Rental Property

On March 8<sup>th</sup>, we attended a Landlord Forum presented by Legal Aid.

The two attorneys that were present were Bill Maxwell and Bob Friday. The Ordinance #04-11 Regulation of Rental Property had been read before the meeting by these two men.

When the question and answer portion of the meeting opened up, we asked them what they thought about this ordinance and proposal. They were very clear about all the issues that would come up and the difficulty to regulate the problems, partly because of cost and lack of manpower to do so.

If contacted by the City Council, these attorneys said they would be glad to meet with the council and answer any questions concerning this matter.

Please attach this letter to the one we submitted dated March 8, 2012. Thank You.

Respectfully submitted by:

Harriet Scinto  
Bonnie Kohler