

# High Stakes, Low Impact: How a Strategic Water Main Rehabilitation Helped Usher in a Riverfront Renaissance

CONGRESS INFRA 2015

Session B2

November 30, 2015



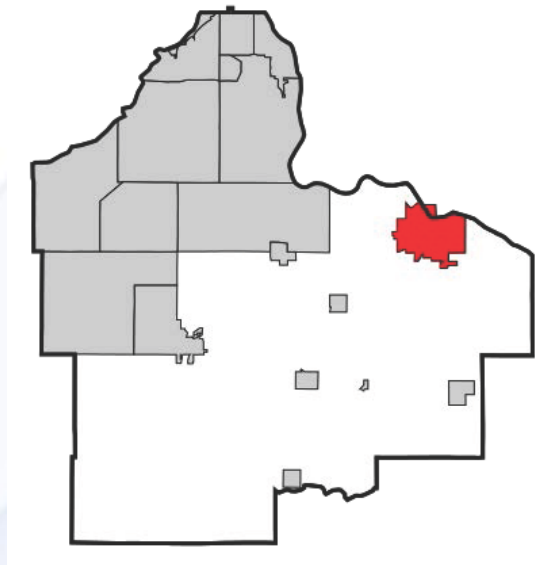
WATER MAIN REHABILITATION



USA



Minnesota



Dakota County







# City of Hastings 2014 Water Main Pipe Rehabilitation

Open House Informational Meeting

Thursday, December 19<sup>th</sup>

RJ's Tavern on Main – Upstairs Event Room

4:30-6:00 PM



MAIN ST. @ SIBLEY ST - LOOKING EAST

1/1  
12.19.13



← APPROXIMATE  
TRAFFIC CONTROL  
WORK ZONE  
LIMITS

LEGEND:

—|— TEMPORARY WATER MAIN NETWORK PIPE

—|— TEMPORARY WATER MAIN SERVICE PIPE

⊖ RAMP OVER PIPE

⊖

⊖

⊖ (TYP.)

⊖

⊖

RAMSEY      LOOKING WEST

12.19.13



218 2nd St. N.  
2/6  
12.19.13

218

A

SANITARY  
HIGH  
RECYCLING

NEWPORT, MN  
458-0043  
DUPAGE, MN  
437-0001

CAUTION

END 3/4"  
TEMPORARY  
PIPING

218 2nd St. N.  
3/6  
12.19.13

3/4" TEMPORARY PIPING

HOLIDAY HOUSE GIFT GALLERY  
29 BROADWAY  
WISCONSIN DELLS, WI  
53965



# Hastings Department of PUBLIC WORKS

1225 Progress Dr., Hastings, MN 55033 p:651-480-6185 f:651-437-5006

 Search

- City Government
- City Departments
- Resident Connections
- Events & Opportunities
- Around Our Town
- City Fees
- Return to Home Page



## CONSTRUCTION UPDATES - 2014 DOWNTOWN WATER MAIN PIPE REHABILITATION



The video below is HCTV's recording of the City's December 19 Open House Informational Meeting at RJ's Tavern on Main.



### TEMPORARY WATER SERVICE CONNECTION PROGRAM

**No later than January 31**, Property Owners in the project area **must** submit **two written** estimates to the City Engineering Department to take advantage of the City's Temporary Water Main Network Connection Program (Program). The Program prepares your building to receive its water from a temporary water main network. This network will be set up to feed the buildings from the alleys.

Because it would take only one service not connected to the network from an alley to cause the need for installation of a network in front of all of the buildings (causing a lot of disruption to vehicle and pedestrian traffic), any property owner choosing not to participate in this Program will be **without** water for about 2 months during the water main pipe lining work.

### DECEMBER 19 OPEN HOUSE

On December 19 the City held an Open House Informational Meeting at RJ's Tavern on Main. At the meeting, we presented not just an overview of lining, but also details about the Program. HCTV recorded this 1 hour long meeting. You can watch this by clicking on the thumbnail in the list along the right edge of this web page.

If you want to fast forward through the recorded meeting, you will find details for the Program starting at time counter reading 14:25 and ending at 54:17. If you could not attend the meeting, we encourage you to watch the entire recording.

### PROGRAM GUIDELINES & PRESCRIBED REQUIREMENTS - GENERAL

The Program includes using your own plumber to install both a network connection point to your plumbing system inside the building, and temporary piping from the connection point through the back wall of your building. Provided your plumber follows the City Program's guidelines and prescribed requirements, the City will directly reimburse your plumber for the cost of their work.

### PROGRAM GUIDELINES & PRESCRIBED REQUIREMENTS - FOR THE PROPERTY OWNER

The video below describes the lining tool and its benefits. The City's project will not require the amount of traffic control shown in the video. Traffic control will only be present near the pits. Nor will the temporary water main network shown in the video be in front of your properties. It will be in the alleys.



**City of Hastings**

City Project 2014-4, Downtown Water Main Lining  
 Plumbing Retrofit Quotes  
 Updated 2.10.2014

**Review Status Key**

	Currently In Review
	Additional Estimate Needed
	Two Estimates Needed

Property No.	Address	Building Name	Owner	Plumber	Amount	Notes/Sketch?	Did Contractor Classify?	Other Notes/Questions
1	50 Sibley Street	American Legion	American Legion	Peine	\$1,485.00	Yes	Class 3	
2	100 Sibley Street	The Onion Grille	Wendy Dodge-Agen	Peine	\$2,270.00	Yes - may need more detail	Class 3	1-1/4" Temp Service Needed
				Majeski	\$1,205.00	No details/sketch	No	
3	101 E 2nd Street	Formerly Mississippi Belle	Last Known is Sawitzke Enterprises					
4	103 E 2nd Street	Briar Patch & Town Cobbler	Kevin Hoeschen	Sieben	\$350.00	Yes	No	Work may not be necessary. Contractor notes that costs are for double ch
				Majeski	\$345.00	No details/sketch	No	
5	105 E 2nd Street	New Bridge Theatre	Julie Barrows					





A Bidder will not be considered as a qualified contractor for this project unless the Bidder receives a rating of at least 10 points, as determined by the Owner, using the following system for assigning or deducting points:

<b>1.0 CIPP Work</b>	
Experience in installation of CIPP trunk water main pipe lining and similar to this project in terms of lineal footage within the last three years, to the satisfaction of the Owner	5 points
➤ For each additional project qualifying under the above category	1 point each
Experience of the assigned job superintendent in supervising CIPP trunk water main pipe lining projects while under traffic similar in size and functions within the last three years, to the satisfaction of the Owner	5 points
➤ For each additional CIPP project supervised that qualifies under the above category	1 point each
History of initiating change orders (not at the owner's request) that total more than 5% of the original bid within the last five years	Deduct 2 points for each confirmed project
History of complaints regarding completion deadlines or the quality of the work of projects within the last five years	Deduct 2 points for each confirmed project
<b>2.0 Site Work</b>	
Experience in street reconstruction/utility projects entailing aspects of open cut excavations, installations of temporary water systems, paving operations, restoration and traffic control similar in scope to this project within the last three years	0 points for three (3) or more projects Deduct 2 points for each project less than three (3)
Experience of the assigned job superintendent in supervising street reconstruction/utility projects entailing aspects of open cut excavations, installations of temporary water systems, paving operations, restoration and traffic control similar in scope to this project within the last three years	0 points for three (3) or more projects Deduct 2 points for each project less than three (3)
History of initiating change orders (not at the owner's request) that total more than 5% of the original bid within the last three years	Deduct 2 points for each confirmed project
History of complaints regarding completion deadlines or the quality of the work of projects within the last three years	Deduct 2 points for each confirmed project

*The Owner may give partial credit for points or deducts depending upon the nature of the projects.*



# Bid Opening

Bidder	Bid		
	Total Project Cost	Total Project Cost (per LF)	Cleaning, Lining, Reinstatement Only (per LF)
Pember Companies, Inc.	\$812,308	\$295	\$108
Fer-Pal Construction USA LLC	\$818,885	\$298	\$116



06/09/2014





122-DUR

03 CONTRACTOR  
PH: 651-224-1400

TEMPORARY  
FIRE  
HYDRANT

06/09/2014

20



06/26/2014













SONS OF NORWAY  
LODGE 1-599  
Cottage Grove

# Questions?

- Nick Egger, PE – [nickegger@hastingsmn.gov](mailto:nickegger@hastingsmn.gov) or 651.480.2370
- Paul Pasko, PE – [ppasko@sehinc.com](mailto:ppasko@sehinc.com) or 952.912.2611