

# CITY OF MINNETRISTA



## CITY COUNCIL AGENDA ITEM

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**Subject:** Accept and award quote for spray lining 91 sanitary sewer manhole chimney structures

**Prepared By:** Gary Peters, Public Works Director

**Meeting Date:** May 4, 2026

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### **Issue:**

There are 91 sanitary sewer manhole structures on the 2026 Street Project that have had the top section, or chimney section, of the structure inspected for I&I reduction. Please see attached map/photos. Out of the 91 chimney sections inspected, 31 need reconstruction.

### **Overview:**

With every street project, sanitary sewer manhole structures are inspected to evaluate the condition of the concrete adjustment rings. These rings sit on top the manhole structure cone section and are used to adjust the height of manhole castings to align with the finished pavement surface. There can be one ring, or several rings, and are referred to as the chimney section of the structure. When these rings are found to have I&I, or are in poor structural condition, they are replaced. This procedure involves removing 4-6 feet of the asphalt around the structure, excavating down to the top to the cone section, and removing the steel casting and old rings. Once the top of the cone surface is cleaned and prepped, a plastic I&I barrier shield is installed, new rings are then installed and grouted together, the original casting is set back in place, gravel is backfilled around the structure, and finally asphalt is installed. The time spent doing the removals, the regrouting, the backfilling and asphalt repairs can take 2-4 days depending on the number of rings. The cost of this procedure can range from \$1,600.00 to \$2,300.00 per manhole.

Public Works Staff asked both the vendors quoting the manhole and catch basin repairs about spray lining just the ring section of manholes. Both stated that they have done this in the past for other cities, and that the spray lining performs the same as if the whole structure was done. They also stated that this not only seals the chimney section against I&I, but it also helps increase structural strength. The project would consist of cleaning the entire chimney seal area of the manhole, followed by the insertion of expanding grout into the cracks and crevasses of the rings. This grout expands outside the rings to make a better seal. The interior surface is then prepped and lined.

Both contractors have done manhole spray lining work for the city before, and their products past performance has surpassed our expectations and are performing great. Both products have a ten-year warranty on both the material and the labor. Knowing this information, Public Works staff asked both contractors to inspect all the manhole structures and quote the spray lining of the chimney sections.

### **Mission Statement:**

The City of Minnetrista will deliver quality services in a cost effective and innovative manner and provide opportunities for a high quality of life while protecting natural resources and maintaining a rural character.

All 91 manhole structures were inspected and quotes were submitted. Both contractors stated that the manhole structures could all be grouted and spray lined and were confident that no complete manhole reconstructions were necessary.

**Fiscal Impact:**

Public Works feels that spray lining all 91 manhole chimney structures is beneficial to increasing the structural life of the manhole, while helping to prevent I&I. It will also prevent the need for reconstruction on 31 structures on this project, which saves an estimated \$49,600.00. Cost comparison for the manhole chimney seal lining is as follows:

<b>Contractor</b>	<b>Cost per Manhole Chimney</b>	<b>Total Cost</b>
Hiperline High Performance Lining	\$832.00	\$75,712.00
Summit Infrastructure	\$744.45	\$67,745.00

Comparing the submitted total costs and warranties associated with these products, and the reconstruction cost, Public Works staff is recommending contracting with Summit Infrastructure to complete the spray lining of all 91 chimney manhole structures.

The cost of lining these 91 sanitary sewer manhole chimneys will be covered under the 602 Sewer Operating Fund CIP. This fund has a line item titled “I&I Repair w/street projects” with an assigned dollar amount of \$75,000.00 of 2026. The submitted quote of \$67,745.00 is well within this budgeted amount.

**Recommended City Council Action:**

Motion to approve Resolution No. 51-26 to accept and award the quote from Summit Infrastructure for the installation of OBIC Lining in 91 sanitary sewer manhole chimney structures at a total price of \$67,745.00.

**Mission Statement:**

The City of Minnetrista will deliver quality services in a cost effective and innovative manner and provide opportunities for a high quality of life while protecting natural resources and maintaining a rural character.

# ESTIMATE

**Summit Infrastructure LLC**  
555 Wick Ct Ste 102  
Neenah, WI 54956-1273  
creynolds@summitinfrastruct.com  
+1 (920) 809-3737  
www.SummitInfrastruct.com



to  
Gary Peters  
City of Minnetrista  
7701 County Road 110W  
Minnetrista, MN 55364

## Estimate details

Project Name: Manhole Chimney Sealing

Estimate no.: 200144  
Estimate date: 02/26/2026

#	Product or service	Description	Amount
1.	<b>Manhole Chimney Sealing</b>	Seal manhole chimneys approx. 2' from casting down using three layer polyurea system. QTY 91	\$65,520.00
2.	<b>Mobilization</b>		\$2,225.00
<b>Total</b>			<b>\$67,745.00</b>

## Note to customer

Includes:

- Clean and prep of chimneys
- Injection grouting if needed
- Application of polyurea based three-layer system
- All materials and labor to complete project

\*\* Original price per chimney is \$820 each. Price discounted to \$785 due to qty. Price offer of \$720 each if all 84 chimneys are included in scope.

Water supply to be provided by town

Excludes:

- Sales and use tax
- Vac truck or bypass pumping services

**\$744.45 per MH**

Accepted date

Accepted by



**HIPERLINE**  
HIGH PERFORMANCE LINING

145 Field Crest Blvd NW  
Cokato, MN 55321  
Tel: 320.286.2471  
Email: [grant@HIPERLINE.com](mailto:grant@HIPERLINE.com)  
Web: [www.HIPERLINE.com](http://www.HIPERLINE.com)

<b>Job Name:</b>	<b>Chimney Seal Project 2026</b>	<b>Quote Date:</b>	<b>3.9.2026</b>
<b>Job Location:</b>	<b>Various Areas around Minnetrista</b>		
<b>Engineer:</b>	<b>WSB</b>	<b>Plans Date:</b>	<b>Mar 2026</b>
<b>Class of Work:</b>	<b>Chimney Seals – SpectraShield Liner</b>		
<b>Addenda:</b>	<b>NA</b>		

**BASE BID**

<b>Item</b>	<b>Estimated Qty.</b>	<b>Unit Price</b>	<b>Cost</b>
CHIMNEY SEAL, SANITARY MH's	50	\$868.00	\$43,400.
CHIMNEY SEAL, SANITARY MH's	51-100	\$832.00	\$41,600.

91 total MHs in project area  
\$832.00/MH \* 91 = \$75,712.00

Notes:

- Quote is for lining the top 1'-2' of Sanitary Manholes – concrete rings.
- Price valid for 2026.
- Estimated timeline is 3-5 weeks onsite depending on quantity.
- Lining process includes surface preparation, grouting, and lining with the SpectraShield® Liner System.

Accepted Date \_\_\_\_\_

By (name) \_\_\_\_\_

Send/Email Invoices to: \_\_\_\_\_

**RESOLUTION NO. 51-26**

**CITY OF MINNETRISTA  
HENNEPIN COUNTY, MINNESOTA**

**RESOLUTION TO ACCEPT AND AWARD THE QUOTE FROM SUMMIT  
INFRASTRUCTURE FOR THE INSTALLATION OF OBIC LINING IN 91  
SANITARY SEWER MANHOLE CHIMNEY STRUCTURES**

**WHEREAS**, the City of Minnetrista has a need for the installation of a spray liner for 91 sanitary sewer manhole chimney structures;

**WHEREAS**, the City of Minnetrista received the lowest quotation from Summit Infrastructure in the amount of \$67,745.00 for the installation of OBIC Lining for 91 sanitary sewer manhole chimney structures;

**WHEREAS**, the funding for the spray lining of the 91 sanitary sewer manhole chimney structures will be funded by the 602 Sanitary Sewer Operating Fund CIP;

**NOW, THEREFORE, BE IT RESOLVED, BY THE CITY COUNCIL OF THE CITY OF MINNETRISTA**, that they accept and award the quote from Summit Infrastructure for the installation of OBIC Lining in 91 sanitary sewer manhole chimney structures at a total price of \$67,745.00.

This resolution was adopted by the City Council of the City of Minnetrista on the 4<sup>th</sup> day of May 2026 by a vote of \_\_\_\_ Ayes and \_\_\_\_ Nays.

\_\_\_\_\_  
Mayor Lisa Whalen

ATTEST:

\_\_\_\_\_  
Ann Meyerhoff  
City Clerk