

Environment Committee

For the Metropolitan Council meeting of August 12, 2020

Subject: Ratification of Declaration of Emergency for Repair of Interceptor 1-MN-320 under Van White Memorial Boulevard and 5th Avenue North in Minneapolis

Proposed Action

That the Metropolitan Council ratify the attached Justification for the Declaration of Emergency #63 by Environmental Services for repair to Interceptor 1-MN-320 located under Van White Memorial Boulevard and 5th Avenue North in Minneapolis.

Summary of Committee Discussion/Questions

Committee Member Sterner asked the current workmanship and lifespan of the materials we are installing. Staff stated that different materials have been used during different periods. Brick sewers have served well in some areas where concrete materials have been much more severely attacked by corrosion. The materials that we use today are selected for their corrosion resistance and the evidence shows that they will be of longer life (80+ years).

Chair Lindstrom asked about the cost share for the project and if the City takes care of the storm sewer and the Council addresses the sanitary sewer system. Staff confirmed that was the case.

Environment Committee

Meeting date: July 28, 2020

For the Metropolitan Council meeting of August 12, 2020

Subject: Ratification of Declaration of Emergency for Repair of Interceptor 1-MN-320 under Van White Memorial Boulevard and 5th Avenue North in Minneapolis

District(s), Member(s): District 7, Robert Lilligren

Policy/Legal Reference: Council Expenditure Policy 3-3, Emergency Expenditures

Staff Prepared/Presented: Jeannine Clancy, 651-602-1210; Adam Gordon, 651-602-4503

Division/Department: MCES c/o Leisa Thompson, 651-602-8101

Proposed Action

That the Metropolitan Council ratify the attached Justification for the Declaration of Emergency #63 by Environmental Services for repair to Interceptor 1-MN-320 located under Van White Memorial Boulevard and 5th Avenue North in Minneapolis.

Background

On July 17, 2020, a 10' x 16' concrete slab on the invert of the Bassett's Creek storm sewer under Van White Memorial Boulevard and 5th Avenue North in the City of Minneapolis was found to be partially collapsed and a void was observed beneath the slab. The storm sewer is located directly above MCES Interceptor 1-MN-320. Though no obvious damage was observed from the interior of the interceptor, the presence of the void and the damaged storm sewer invert slab indicates there is potential for a wastewater spill and/or further damage to the storm and sanitary sewers if repairs are not implemented.

City of Minneapolis Public Works, which has jurisdictional authority of Van White Memorial Boulevard, contacted MCES and stopped work in the storm sewer as a precautionary measure. Pursuant to the declaration, a contractor has been retained and is working with MCES and the City to develop a repair plan.

Rationale

The deficiencies noted in the inspection have compromised the integrity of the MCES and City sewer pipes. This work needs to begin immediately in order to avoid further damage. MCES will hire a qualified contractor to perform this work.

Thrive Lens Analysis

This action advances the Thrive Outcome of Stewardship. Public financial resources will be invested efficiently and effectively to maintain and restore existing capacity to existing wastewater infrastructure which protects the region's natural resources.

Funding

The estimated cost for the emergency work is \$250,000. This work will be funded out of the 2020 MCES Authorized Capital Program.

Known Support / Opposition

No known opposition.



EMERGENCY DECLARATION FORM

“A declared public emergency is an emergency situation in which the health, safety or welfare of the public or the safety of Metropolitan Council employees or facilities is compromised or potentially compromised and requires immediate action to correct.”

I REQUEST THAT A PUBLIC EMERGENCY BE DECLARED, BASED UPON THE FOLLOWING:

Describe the nature of the emergency situation.

On July 17th, the City of Minneapolis was cleaning the Bassets Creek storm sewer tunnel when they discovered a broken and subsided section of the concrete floor of the tunnel. The location of the defect is near the intersection of 5th Ave. N. and Van White Memorial Blvd. in the Harrison neighborhood. The approximately 10 foot wide by 8 foot tall Bassets Creek storm tunnel is constructed over the approximately 8 foot wide by 6 foot tall 1-MN-320 sanitary interceptor along this alignment. The Bassets Creek storm sewer tunnel and 1-MN-320 were constructed in 1889. MCES staff mobilized to the site to investigate 1-MN-320. A CCTV inspection crew was mobilized to the site both on July 17th and on July 20th. A closer inspection noted defects and infiltration but did not observe a complete failure. Further review with engineering and operations staff concluded that an assessment of the integrity of 1-MN-320 and correction of any fill materials over the top of the interceptor pipe from within the storm tunnel while the tunnel was open for the City's cleaning construction project would be prudent to protect the interceptor pipe from potential damage.

Explain why this situation is a present, immediate, and existing emergency.

A potential structural failure of the sanitary sewer interceptor could further undermine the floor of the storm sewer tunnel. This could lead to the collapse of both the storm tunnel and the sanitary interceptor.

Explain how this emergency does or will affect the healthy, safety, or welfare of the public or the safety of Metropolitan Council employees or facilities.

A collapse of the sanitary interceptor could cause sewage spills and backups and disrupt traffic for the neighborhood. Storm flows in the Bassets Creek storm tunnel could breach the floor and surcharge the 1-MN-320 interceptor sewer potentially causing catastrophic failure and increased risk to the health, safety and welfare of the public.

Describe the supplies or services which must be acquired to remedy this emergency situation, including the estimated cost.

Excavation and concrete work.

Estimated Cost: \$250,000

Identify how you chose the contractor(s).

The City's contractor for the storm sewer cleaning construction is PCI. PCI completed tunnel repair for Council this past two years in downtown Minneapolis and is very familiar with this type of work. The site

is under PCIs control and it would be an advantage for Council to use PCI to conduct the assessment and repair without delay.

I hereby certify that the information presented on this form is accurate and complete to the best of my knowledge and belief.

Requestor Signature

Gordon, Adam

7/21/2020 11:38:00 AM

Signature

Date

Supervisor Signature

Clancy Jeannine

7/21/2020 11:44:00 AM

Signature

Date

Division Director/General Manager Signature

Thompson, Leisa

7/21/2020 12:09:00 PM

Signature

Date

Based on the above information, an emergency situation exists within the meaning of the Council Procurement Policy. Carrying out the competitive bidding process and the technical requirements of the Council's Procurement Policy and awaiting Council declaration of an emergency and approval for the purchase of materials or supplies or the making of emergency repairs would significantly and unacceptably delay the commencement of repair work on the above-referenced project. The Metropolitan Council, by its Procurement Policy, has delegated authority to the Regional Administrator to declare an emergency on behalf of the Council in such cases. Therefore, I declare on behalf of the Metropolitan Council, that an emergency exists as described above and that the emergency situation requires the immediate purchase of materials or supplies or the making of emergency repairs. I authorize the General Manager/Division Director named above to let appropriate contracts and make payments for the purchase of materials or supplies or the making of repairs necessary to meet the emergency situation without advertising for bids, without meeting other technical requirements of Council Procurement Policy, and without prior approval of the Council. If the costs to correct the emergency situation total \$100,000 or more, I direct that this emergency declaration and any such contracts and/or payments be presented to the Metropolitan Council for formal ratification at its next meeting.

Regional Administrator Signature

Bogie, Mary

7/21/2020 1:58:00 PM

Signature

Date