

Environment Committee

Meeting date: June 14, 2016

For the Metropolitan Council meeting of June 22, 2016

Subject: Final Ratification of Declaration of Emergency for Repair of Interceptor 7113

District(s), Member(s): District #3, Jennifer Munt

Policy/Legal Reference: 3-3, Expenditures

Staff Prepared/Presented: Bryce Pickart, 651-602-1091

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

Proposed Action

That the Metropolitan Council ratifies the attached Justification for and Declaration of Emergency for Repair of Interceptor 7113 in the final amount of \$7,340,572.

Background

Wayzata pumping station, L26, underwent improvements that required wastewater flow be conveyed around the pumping station. While making the temporary connection to the 7113 forcemain serving Orono and Long Lake, severe deterioration of the pipe wall was found and prevented the direct connection. An emergency declaration was made on July 23, 2014 and adopted by the Council on August 27, 2014 in the estimated amount of \$1,000,000 as Business Item 2014-199, then amended by the Council on March 11, 2015 to an estimated amount of \$7,000,000 as Business Item 2015-34.

Investigative work found the nearest structurally sound pipe to perform the direct connection was approximately 600 linear feet upstream. The existing forcemain is located within the BNSF railroad right of way. A larger and deeper gravity pipe was installed to replace the existing forcemain, which will provide increased system reliability and reduced maintenance. Multiple utilities were located within the 25 foot wide corridor south of the existing tracks. Several overhead and underground utilities needed to be relocated.

Rationale

Metropolitan Council has delegated authority to its Regional Administrator to declare emergencies on behalf of the Council when the health, safety or welfare of the public is compromised or potentially compromised, and immediate action is required to address the emergency. The emergency declaration is then presented to the appropriate implementation committee for approval and ratification. Because the estimated cost has increased, re-ratification is being requested.

Funding

Funds are provided in the 2016 Capital Program, Project No. 802849.

Known Support / Opposition

The City supports installing the long-term solution now.

Environment Committee

Meeting date: August 12, 2014

For the Metropolitan Council meeting of August 27, 2014

Subject: Ratification of Declaration of Emergency for Repair of Interceptor 7113

District(s), Member(s): District 3, Jennifer Munt

Policy/Legal Reference: Policy 3 -3, Expenditures

Staff Prepared/Presented: Scott Dentz 651-602-4503

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

Proposed Action

That the Metropolitan Council ratifies the attached Justification for and Declaration of Emergency for Repairs to Interceptor 7113.

Background

Interceptor 7113 is a force main associated with the Orono and Long Lake pump stations and discharges into the influent gravity sewer immediately upstream of the Wayzata pumping station. The Wayzata pump station (L26) is currently undergoing improvements. These improvements require that the wastewater flow be conveyed around the pumping station to allow implementation of piping work within the station.

While making the connection to the 7113 force main severe deterioration of the pipe wall was found that prevented direct connection of temporary conveyance facilities to the force main at the planned location. This has effectively stopped the work. Initial investigation revealed corrosion damage of the 7113 force main extended at least 800 feet upstream of L26. Subsequent pipe wall measurements at maintenance structures and buried locations revealed that corrosion damage extends to a location approximately 3,200 feet upstream.

The 7113 force main is a single barrel force main that serves the communities of Orono, Long Lake, Minnetonka Beach, Spring Park and Wayzata, all upstream of L26. In addition, the force main is adjacent to the BNSF railroad. Failure of the force main will interrupt service and result in discharge of wastewater into the environment. The railroad may also be impacted if ground loss/erosion develops as a result of a failure.

Rationale

Metropolitan Council has delegated authority to the Regional Administrator to declare emergencies on behalf of the Council when the health, safety or welfare of the public is compromised or potentially compromised, and immediate action is required to address the emergency. The emergency declaration is then presented to the appropriate implementation committee for approval, and placed on a following Council consent list for formal ratification.

Funding

The cost of the work is estimated at \$1,000,000. Funding is provided in the 2014 MCES Capital Program, Project 802849, since the work will replace this section of forcemain, and has been part of the capital improvement plan.

Known Support / Opposition

No known opposition

Environment Committee

Meeting date: February 10, 2015

For the Metropolitan Council meeting of March 11th, 2015

Subject: Authorization to Increase Delegated Construction Contract Change Order Authority for Contract 13P184 & Ratification of Increased Amount for Emergency Repair of Interceptor 7113

District(s), Member(s): District 3, Jennifer Munt

Policy/Legal Reference: Council Policy 3-3 Expenditures

Staff Prepared/Presented: Karen Keenan 651-602-4561

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

Proposed Action

That the Metropolitan Council increases the delegated construction change order authority for contract 13P184 and ratifies the increased estimated amount for the emergency repairs to Interceptor 7113.

Background

Wayzata pumping station (L26) is currently undergoing improvements that require wastewater flow be conveyed around the pumping station. While making the temporary connection to the 7113 force main serving Orono and Long Lake, severe deterioration of the pipe wall was found and prevented the direct connection. An emergency declaration was made on July 23, 2014, ratified at Environment Committee as business item 2014-199 on August 12, 2014, and adopted by the Council on August 27, 2014 in the estimated amount of \$1,000,000.

Investigative work found the nearest structurally sound pipe to perform the direct connection was approximately 600 linear feet upstream. The existing force main is located within the BNSF railroad right of way. Multiple utilities were located within the 25 foot wide corridor south of the existing tracks. Several overhead and underground utilities needed to be relocated to install the conveyance piping necessary for the L26 contract work.

To minimize impacts to the community, the emergency work includes 600 linear feet of pipe replacement. A larger and deeper gravity pipe is being installed to provide increased system reliability and reduced maintenance.

Rationale

Metropolitan Council has delegated authority to its Regional Administrator to declare emergencies on behalf of the Council when the health, safety or welfare of the public is compromised or potentially compromised, and immediate action is required to address the emergency. The emergency declaration is then presented to the appropriate implementation committee for approval, and ratification. Because the estimated cost has increased, re-ratification is being requested.

Funding

The estimated cost of \$7,000,000 is being funded by the 2015 Capital Program, Project No. 8028.

Known Support / Opposition

The City supports installing the long-term solution now.



JUSTIFICATION FOR AND DECLARATION OF EMERGENCY

“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.”

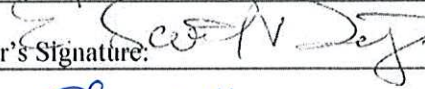
I REQUEST THAT A PUBLIC EMERGENCY BE DECLARED, BASED UPON THE FOLLOWING:

<p>Describe the nature of the emergency situation:</p>	<p>Excessive deterioration of existing forcemain 7113 has created a situation where the contractor for the L26 rehabilitation project is unable to connect to the pipe for temporary conveyance purposes, thus delaying the project. The connection cannot be made as there is insufficient pipe wall thickness remaining to attach pipe fittings. There is also extensive corrosion of the concrete inside MH 1 directly outside of L26 that needs to be rehabilitated while on temporary conveyance. Preliminary investigation has revealed severe corrosion damage of the 7113 force main extending about 800 lineal feet upstream of L26.</p>
<p>Explain why this situation is a present, immediate, and existing emergency:</p>	<p>The significant loss of pipe thickness is a concern. Failure could be imminent.</p>
<p>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:</p>	<p>The 7113 force main is a single barrel force main that serves the communities of Orono, Long Lake, Minnetonka Beach, Spring Park and Wayzata, all upstream of L26. Additionally, the forcemain is adjacent to the BNSF railroad. Failure of the force main would interrupt service to all referenced communities and may result in discharge of wastewater into the environment. The railroad could also be impacted if ground loss/erosion develops as a result of a failure.</p>
<p>(Complete reverse side of form and sign)</p>	

Justification for and Declaration of Emergency, Page 2

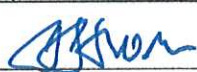
Describe the supplies or services which must be acquired to remedy this emergency situation, including the estimated cost:	Additional temporary conveyance piping, connection to force main 7113, possible roadway excavation, and traffic control. Installation of approximately 800 lineal feet of replacement force main. Estimated cost: \$1,000,000
Identify how you chose the contractor(s) (Emergency Contractors List, vendor database, etc.):	Utilize the current General Contractor for completion of pipe replacement and temporary conveyance work.
Quotes are not required in declared emergencies. If quotes were obtained, describe your efforts to obtain them:	None obtained
List the other vendors, if any, that have expressed an interest in providing goods or services relating to this emergency:	N/A

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

Requestor's Signature:  Title :Interceptor Engineering Manager Date: 7/23/14

Signature:  General Manager/Division Director Date: 7/23/14

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.

Signature:  Regional Administrator Date: 7.23.2014