

## Environment Committee

Meeting date: June 23, 2015

For the Metropolitan Council meeting of July 8, 2015

**Subject:** Final Ratification of Declaration of Emergency for Repair of the Middle Beltline Interceptor 85-66-370

**District(s), Member(s):** District 13, Richard Kramer

**Policy/Legal Reference:** Council 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 the Middle Beltline Interceptor 85-66-370 in St. Paul in the final amount of \$7,473,503.

### Background

On May 9, 2014, MCES staff was notified by the City of St. Paul that a sinkhole had developed at the intersection of Johnson Parkway and Phalen Boulevard. Staff responded and found a sinkhole approximately 25 feet in diameter and 25 feet deep in the boulevard adjacent to the roadway. The Middle Beltline Interceptor 85-66-370 passes through this intersection. Wastewater was evident in the bottom of the hole. The downstream meter verified that although the pipe had failed, flow was still being conveyed downstream. Staff immediately contacted Lametti & Sons to begin repair operations. Lametti staff and their subcontractor, Northern Dewatering, were on site within 90 minutes to begin planning the temporary conveyance and repairs. Lametti and Northern Dewatering installed the temporary conveyance piping and pumping and were operational by 5:45 p.m. May 9, 2014 and the situation was stabilized.

Ninety lineal feet of 54-inch diameter reinforced concrete pipe was replaced. Soil that intruded into the pipe was removed. Once cleaned, the pipe was inspected via closed circuit television. The inspection revealed that severe hydrogen sulfide corrosion damage extended north in Interceptor 7122 to Maryland Avenue and south in interceptor 85-66-370 to Case Avenue. A short section of interceptor 1-SO-217 was also in poor condition. The scope of the emergency was expanded to include lining and maintenance structure improvements for interceptor between Maryland Avenue and Case Avenue. Approximately 3,690 feet of 72-inch, 54-inch, and 21-inch diameter reinforced concrete pipe was lined. Two new maintenance access structures were constructed to facilitate the lining work. Six maintenance access structures were rehabilitated or replaced. Significant temporary conveyance systems were required to implement the lining work. Restoration of the area has recently been completed.

On May 13, 2014, the Metropolitan Council Environment Committee ratified the initial *Justification for and Declaration of Emergency*, business item number 2014-118, in the amount of \$1,000,000. Following the meeting, it became evident repairs would be substantially greater than the originally estimated cost and had risen from \$1,000,000 to \$5,000,000 or greater. Total final cost to complete the emergency work is \$7,473,502.56.

## **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**

\$1,250,000 from the 2014 operating budget

\$6,223,503 from the 2015 Capital Program, Project 809067

## **Known Support / Opposition**

No known opposition. The City of St. Paul supports this action.

## Committee Report

*Business Item No. 2014-118*

### Environment Committee

For the Metropolitan Council meeting of June 11, 2014

**Subject:** Ratification of Emergency Declaration for Repair of Middle Beltline Interceptor 85-66-370

#### Proposed Action

That the Metropolitan Council ratifies the attached *Justification for and Declaration of Emergency* for repair of Middle Beltline Interceptor 85-66-370.

#### Summary of Committee Discussion/Questions

Discussion occurred regarding how often pipes are inspected which is on a 10 year rotation schedule. This pipe was scheduled to be inspected prior to the collapse. Pipes of this age are not expected to fail this soon. Frequency of inspection is being evaluated due to recent pipe degradation. Other discussion involved whether complete replacement of the line is required. Staff indicated this particular pipe section will be replaced with additional work yet to be determined based on inspection of the pipe.

**Motion to approve the proposed action was made, seconded, and passed unanimously.**

**Following the meeting, it became evident repairs will be substantially greater than originally estimated and the cost estimate has risen from \$1,000,000 to  $\pm$  \$5,000,000. When final costs are determined, a final ratification will be presented for Council action.**

## Environment Committee

Meeting date: May 13, 2014

For the Metropolitan Council meeting of ~~May 28, 2014~~ June 11, 2014

**Subject:** Ratification of Emergency Declaration for Repair of Middle Beltline Interceptor 85-66-370

**District(s), Member(s):** District 13, Richard Kramer

**Policy/Legal Reference:** Council Policy 3-3 Expenditures

**Staff Prepared/Presented:** Bill Moeller, 651-602-4504

**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 Middle Beltline Interceptor 85-66-370.

### Background

On May 9, 2014 MCES staff was notified by the City of St. Paul that a sinkhole had developed at the intersection of Johnson Parkway and Phalen Boulevard. Staff responded and found a sinkhole approximately 25 feet in diameter and 25 feet deep in the boulevard adjacent to the roadway. The Middle Beltline Interceptor 85-66-370 passes through this intersection. Wastewater was evident in the bottom of the hole. The downstream meter verified that although the pipe had failed, flow was still being conveyed downstream. Staff immediately contacted Lametti & Sons to begin repair operations. Lametti staff and their subcontractor, Northern Dewatering, were on site within 90 minutes to begin planning the temporary conveyance and repairs. Lametti and Northern Dewatering installed the temporary conveyance piping and pumping and were operational by 5:45 PM May 9<sup>th</sup> and the situation was stabilized. Replacement of the failed pipe is proceeding.

### 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

2014 Capital Budget – Interceptor Rehabilitation 809000

### Known Support / Opposition

The City of St. Paul supports this action.



METROPOLITAN  
COUNCIL

## JUSTIFICATION FOR AND DECLARATION OF EMERGENCY

<b>"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."</b>	
<b>I REQUEST THAT A PUBLIC EMERGENCY BE DECLARED, BASED UPON THE FOLLOWING:</b>	
Describe the nature of the emergency situation:	A major sinkhole was reported May 9, 2014 in St Paul at the intersection of Johnson Parkway and Phalen Blvd. MCES has a large gravity interceptor at this location. Raw wastewater was evident in the hole. Staff concluded our sewer had collapsed.
Explain why this situation is a present, immediate, and existing emergency:	The sewer has collapsed and created a sinkhole that endangers two major St Paul city streets and could result in backups and spills if further collapse occurs.
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 break in a raw wastewater pipe needs to be immediately addressed to protect public health and the environment.
<b>(Complete reverse side of form and sign)</b>	

**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:	Excavation to find the source of the leak and repair the damaged pipe. Estimated cost: \$1,000,000
Identify how you chose the contractor(s) (Emergency Contractors List, vendor database, etc.):	The contractor which was selected had the required equipment available and was able to respond immediately. This contractor is very experienced and has performed this type of repair for the Council previously.
Quotes are not required in declared emergencies. If quotes were obtained, describe your efforts to obtain them:	N/A
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: <i>William Moeller</i> Title : Asst General Mgr Date: 5/9/14	
Signature: <i>Luc Thompson</i> General Manager/Division Director Date: 5/9/14	
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: <i>[Signature]</i> Regional Administrator Date: 5.9.14	

## Taylor, Susan

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**From:** Moeller, Bill  
**Sent:** Monday, May 12, 2014 10:33 AM  
**To:** Taylor, Susan  
**Subject:** Emergency Declarations - Mound 6MO650 and St Paul 8566

The repair in Mound was performed by Widmer Inc.

The repairs in St Paul are being performed by Lametti & Sons.