

# E Environment Committee

For the Metropolitan Council meeting of December 10, 2008

## ADVISORY INFORMATION

**Date Prepared:** October 9, 2008

**Subject:** Authorization to Negotiate and Execute a Cooperation Agreement with the City of St. Louis Park for Replacement of a Portion of MSB 7026 Forcemain

### Proposed Action:

The Metropolitan Council authorizes its Regional Administrator to negotiate and execute a Cooperative Agreement with the City of St. Louis Park for the design and construction of replacement of approximately 3,500 lineal feet of the MSB 7026 forcemain.

### Summary of Committee Discussion / Questions:

Motion to accept proposed action was made, seconded, and passed unanimously.



# Environment Committee

Meeting date: December 9, 2008

For the Metropolitan Council Meeting of December 10, 2008

Business Item

SW Item: 2008 – 358

## ADVISORY INFORMATION

|                                  |   |
|----------------------------------|---|
| <b>Date:</b>                     | November 17, 2008   |
| <b>Subject:</b>                  | Authorization to Negotiate and Execute a Cooperation Agreement with the City of St. Louis Park for Replacement of a Portion of MSB 7026 Forcemain |
| <b>District(s), Member(s):</b>   | District #6, Peggy Leppik   |
| <b>Policy/Legal Reference:</b>   | Minnesota Statutes 473.504  |
| <b>Staff Prepared/Presented:</b> | Scott Dentz 651-602-4503  |
| <b>Division/Department:</b>      | MCES c/o William G. Moore, 651-602-1162   |

### Proposed Action

The Metropolitan Council authorizes its Regional Administrator to negotiate and execute a Cooperative Agreement with the City of St. Louis Park for the design and construction of replacement of approximately 3,500 lineal feet of the MSB 7026 forcemain.

### Background

The City of St. Louis Park will be reconstructing the intersection of Trunk Highway 7 and Wooddale Avenue as a grade separated interchange with rerouted frontage roads. The interchange project is in preliminary design phase and is expected to be bid in February 2009 with construction commencing in the Spring of 2009.

The proposed southerly frontage road alignment generally follows 3,500 feet of the MSB 7026 Hopkins Forcemain alignment. The Hopkins Forcemain is currently in the facility planning phase for replacement beginning in 2010. This 37-year old forcemain is constructed from pre-stressed concrete cylinder pipe which has proven to be susceptible to damage and both internal and external corrosion. The anticipated highway frontage road construction is directly over the top of the forcemain presents a significant risk due to construction of adjacent storm sewers and the use of compaction equipment for preparation of roadway base materials. A forcemain break in this area would be catastrophic due to a lack of redundancy and limited options for redirecting wastewater flow around the affected area. Replacing this reach of forcemain during the new interchange construction will reduce spill risk, minimize inconvenience to the public, and eliminate the need to disturb and reconstruct new frontage road after the highway project is completed. This reconstruction will be compatible with the facilities currently being considered in the Facility Planning.

### Rationale

MCES forcemain construction will include temporary wastewater conveyance facilities to reduce risk of spill during roadway construction and replacement of the existing forcemain with a new double-barrel forcemain. A cooperative agreement will define cost sharing as well as design and construction responsibilities and permit forcemain replacement work to occur as part of the City's highway improvement project. Cooperative agreements require Metropolitan Council authorization.

### Funding

| Annual or Capital | Project Number | Estimated Project Cost | Current Authorization | Unencumbered Funds | Requested Amount |
|-------------------|----------------|------------------------|-----------------------|--------------------|------------------|
| Capital           | 804100         | \$40,000,000           | \$13,000,000          | \$7,775,000        | \$3,500,000      |

### Known Support / Opposition

The City of St. Louis Park requested that we relocate/replace as necessary utilities to permit the construction of the Hwy 7/Wooddale Avenue interchange.