

**COMMISSION FILE NO:** 16-115-9 **DATE INTRODUCED:** September 12, 2016

**INTRODUCED BY:** Executive Director (Signature on File in the Office of the Commission)

**REFERRED BY COMMISSION CHAIRPERSON TO:** Operations Committee

**RELATING TO:** Approval of Funding Agreement MI06 under Project M03044, 2016 City of Milwaukee Private Property Inflow and Infiltration Reduction Pilot Project

**SUMMARY:**

The Commission is requested to authorize and to direct the Executive Director to execute on behalf of the District Funding Agreement MI06 in the amount of \$2,780,000 for work outlined in Work Plan MI06 as submitted by the City of Milwaukee under project M03044, Private Property Inflow and Infiltration (PPI/I) Program. Including this Work Plan MI06, the City of Milwaukee has obligated 76% of the funding available to the City through 2016 in the PPI/I Program.

Due to the high incidence of recurring reports of sanitary sewer backups into residential basements in an area bounded by W. Layton Avenue, W. Edgerton Avenue, S. 27<sup>th</sup> Street, and S. 20<sup>th</sup> Street, the City of Milwaukee has chosen to comprehensively rehabilitate sanitary sewer laterals in this project area through cured-in-place-pipe (CIPP) lining.

**ATTACHMENTS:** **BACKGROUND** ☒ **KEY ISSUES** ☐ **RESOLUTION** ☒  
**FISCAL NOTE** ☒ **S/W/MBE** ☐ **OTHER** ☐ \_\_\_\_\_

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08-19-16

**COMMITTEE ACTION:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

**COMMISSION ACTION:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

## **BACKGROUND**

### **Approval of Funding Agreement MI06 under Project M03044, 2016 City of Milwaukee Private Property Inflow and Infiltration Reduction Pilot Project**

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Sewersheds MI1102 and MI1101 within the City of Milwaukee define the project area as part of MMSD metershed MS0126. Despite the determination of the metershed being compliant with the Milwaukee Metropolitan Sewerage District's (MMSD) Peak Wet Weather Flow Performance Standards, chronic wet weather issues persist with 11% of the 392 parcels in the project area experiencing sanitary sewer backups during extreme wet weather events. The City of Milwaukee has rehabilitated the public sanitary main and manholes in the project area and proposes to proceed with rehabilitation of the private collection system through CIPP lining of the private sanitary laterals. Flow meters have been in place in the project area before and after public sanitary work and will remain in place during and after private work to evaluate the effectiveness of each scope of work.

There is no cost match required by the homeowner. The construction and construction inspection are anticipated to be fully funded by the MMSD PPI/I Program (\$2,780,000). The City of Milwaukee anticipates funding the engineering and outreach costs estimated to be \$55,000, and the City will fund any project cost overruns. The City Department of Public Works and the project area's City Alderman will collaborate to complete public outreach and maximize resident participation.

Initial project information letters will be distributed after Commission approval in September 2016. The project is scheduled to be publicly bid in November 2016 with construction scheduled to begin in January 2017. Substantial completion of work is scheduled for July 2017.

This work is funded through the accumulated annual allocations to the PPI/I Program M03044 and does not represent an increase in total project cost.

Including this Work Plan MI06, the City of Milwaukee has obligated 76% (\$11,087,625/\$14,556,470) of the funding available to the City through 2016 in the PPI/I Program.

## **RESOLUTION**

Approval of Funding Agreement MI06 under Project M03044, 2016 City of Milwaukee  
Private Property Inflow and Infiltration Reduction Pilot Project

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**RESOLVED**, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized and directed to execute on behalf of the District Funding Agreement MI06 in the amount of \$2,780,000 for work outlined in Work Plan MI06 as submitted by the City of Milwaukee under project M03044, Private Property Inflow and Infiltration Program.