

**COMMISSION FILE NO:** 17-029-3 **DATE INTRODUCED:** March 13, 2017

**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 WA05 under Project M03044, 2017 City of Wauwatosa Private Property Inflow and Infiltration Reduction Project

**SUMMARY:**

The Commission is requested to authorize and to direct the Executive Director to execute on behalf of the District Funding Agreement WA05 in the amount of \$982,586 for work outlined in Work Plan WA05 as submitted by the City of Wauwatosa under project M03044, Private Property Inflow and Infiltration (PPI/I) Reduction Program. Including this Work Plan WA05, the City of Wauwatosa (City) has obligated 100% of the funding available to the City through 2017 under the PPI/I program.

The City has invested significant municipal and District funds in sewersheds within the City that are not in compliance with peak flow performance standards codified in District Rules. The City is proposing pressure grout sealing of 1,038 laterals within noncompliant metershed MS0448 as the next stage of work in the City lateral rehabilitation program. The total project cost is estimated to be \$3.1 million with the City share for public work estimated to be \$2 million and the private property scope estimated to be \$1.1 million. The City's share exceeds the current available balance by approximately \$160,000. The City intends to submit an amendment request to Work Plan WA05 for additional project funding, contingent on Commission approval of subsequent annual budgets.

The City proposes to begin work on the project in 2017 with work extending through 2018.

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

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

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

## **BACKGROUND**

### **Approval of Funding Agreement WA05 under Project M03044, 2017 City of Wauwatosa Private Property Inflow and Infiltration Reduction Project**

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MMSD metershed MS0448 is shared by the City and the City of Milwaukee and has been identified as noncompliant with District Chapter 3 rules for peak wet weather flow management. Within metershed MS0448, submetershed MS0417 contains City sewersheds WA4010 and WA4016 and includes 1,038 laterals.

In 2015, the City funded extensive dye water testing of the sanitary sewer within MS0417 and found similar results to previous investigative work in other sewersheds. The majority of major defects attributed to PPI/I appear to be near the intersection of the storm sewers and the sanitary laterals. Based on flow reduction results in metershed MS0411, the City proposes to continue the lateral grouting approach taken in previous PPI/I projects. With this project, 100% of the City laterals within MS0417 will be addressed. The City intends to contract the rehabilitation of the public sewers through cured-in-place-pipe (CIPP) lining as one project with the private property work.

Since the entire metershed will be rehabilitated through the grouting and CIPP methods, the City will rely on District meter data to monitor flow reduction results.

There is no cost-match requirement by the homeowner. The project is proposed to be funded by the City (estimated \$2,000,000) and the District through the PPI/I program (estimated \$1,142,000 contingent on subsequent annual budget allocations).

The tentative project schedule is as follows:

- Bidding: second quarter 2017
- Notice to Proceed: third quarter 2017
- Substantial Completion: third quarter 2018
- Final Reimbursement Request: first quarter 2019

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

Including this Work Plan WA05, the City has obligated 100% of the available funding to the City through 2017 in the PPI/I program.

## **RESOLUTION**

Approval of Funding Agreement WA05 under Project M03044, 2017 City of Wauwatosa  
Private Property Inflow and Infiltration Reduction 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 WA05 in the amount of \$982,586 for work outlined in Work Plan WA05 as submitted by the City of Wauwatosa under Project M03044, Private Property Inflow and Infiltration Program.