

COMMISSION FILE NO: 17-059-6 **DATE INTRODUCED:** June 12, 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 WB04 under Project M03044, 2017 Village of Whitefish Bay 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 WB04 in the amount of \$974,523 for work outlined in Work Plan WB04 as submitted by the Village of Whitefish Bay under project M03044, Private Property Inflow and Infiltration (PPI/I) Program. Including this Work Plan WB04, the Village of Whitefish Bay has obligated 100% of the funding available to the Village through 2017 in the PPI/I Program.

Through extensive prior investigations through the District program, the Village has identified three priority areas to implement private property rehabilitation work with the objective of reducing wet weather flows. Based on the completed studies, the Village proposes to rehabilitate approximately 200 sanitary laterals.

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 WB04 under Project M03044, 2017 Village of Whitefish Bay Private Property Inflow and Infiltration Reduction Project

The Village has completed extensive studies of sanitary and stormwater wet weather flows throughout the Village, including televising 95% of the public sanitary system. Since 2011, the Village has rehabilitated 25% of the sanitary mains through replacement or cured-in-place pipe (CIPP) lining. While mainline work has included replacement of sanitary laterals in rights-of-way, this project is the first work that the Village proposes to complete exclusively on private property. The three priority areas comprising the project area reside in metersheds WB5003 and WB5004. Metershed WB5003 has been identified as noncompliant with District Chapter 3 rules. Based on the aggregate recommendations of the completed studies and current observations of persistent wet weather flow patterns, three priority areas have been identified to initiate sanitary lateral rehabilitation through CIPP lining. Based on current unit cost estimates for lateral CIPP, the project scope is limited to 200 laterals by the availability of funds through 2017. The Village intends to continue rehabilitation work throughout the project area pending future District budget program allocations. The 2017 total project cost is estimated to be \$1,200,000. The Village intends to fund the engineering design and construction inspection as well as complete project management and public outreach with Village staff. The project is 100% voluntary. Based on recently completed public outreach, the Village has exceeded the response goal.

The project schedule is as follows:

- Bidding: May 2017
- Construction: June 2017 through October 2017
- Final Reimbursement: December 2017

Including this Work Plan WB04, the Village of Whitefish Bay has obligated 100% (\$1,229,944) of the funding available to the Village through 2017 in the PPI/I Program.

RESOLUTION

Approval of Funding Agreement WB04 under Project M03044, 2017 Village of Whitefish Bay Private Property Inflow and Infiltration Reduction Project

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized and directed to execute on behalf of the District Funding Agreement WB04 in the amount of \$974,523 for work outlined in Work Plan WB04 as submitted by the Village of Whitefish Bay under project M03044, Private Property Inflow and Infiltration Program.