

**COMMISSION FILE NO:** 21-087-6 **DATE INTRODUCED:** June 14, 2021

**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 M10005MI02 Under Project M10005, 2021 City of Milwaukee Private Property Infiltration and Inflow Reduction Project

**SUMMARY:**

The Commission is requested to authorize and to direct the Executive Director to execute on behalf of the District Funding Agreement M10005MI02 in the amount of \$566,000 for work outlined in Work Plan M10005MI02, as submitted by the City of Milwaukee under project M10005, Private Property Infiltration and Inflow (PPII) Reduction Project. Including Work Plan M10005MI02, the City has obligated seven percent of the funding available to the City through 2021 in the PPII Project.

In response to wet weather-related basement backups on the south side of Milwaukee in 2020, the City will be replacing sanitary sewers and installing storm sewer infrastructure in the 3600 blocks of South 85<sup>th</sup>, 86<sup>th</sup>, and 87<sup>th</sup> Streets. As part of the public infrastructure improvements, the City proposes to use District PPII funding to replace the sanitary laterals in the project area.

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

*OP\_Milwaukee\_M10005MI02\_II\_Reduction\_Project\_legislative\_file.docx*  
05-26-21

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

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

## **BACKGROUND**

### **Approval of Funding Agreement M10005MI02 Under Project M10005, 2021 City of Milwaukee Private Property Infiltration and Inflow Reduction Project**

---

In August 2020, the south side of Milwaukee received 4.5 inches of rain in three hours, causing a sanitary sewer overflow and generating numerous basement backup reports. Through a neighborhood meeting on August 8, 2020, with City and District representatives, it was apparent that basement backups are recurring and underreported in the project area. The City initiated a comprehensive evaluation of sanitary sewers and stormwater drainage in the area through fall 2020 and determined that the condition of the sanitary sewers warranted full replacement. The project area is also low lying and relies primarily on street surface stormwater drainage providing limited relief for high intensity precipitation events. The City is currently completing a closed circuit televising inspection of all sanitary laterals in the project area.

Based on the evaluation of the public and private infrastructure, the City proposes to design and construct a comprehensive rehabilitation of the sewer infrastructure in the 3600 blocks of South 85<sup>th</sup>, 86<sup>th</sup>, and 87<sup>th</sup> Streets. The project will include full replacement of the sanitary sewers, installation of new storm sewers, installation of new storm inlets, and replacement of up to 58 sanitary laterals to the right-of-way line. The City may also install stormwater laterals to facilitate future foundation drain disconnection.

The construction contract will be publicly bid and awarded in July 2021. Construction will start in August 2021 with completion anticipated by the end of October 2021.

The total project cost is estimated to be \$1,830,000. The City will fund \$1,264,000 for the public sanitary sewer, storm sewer, public construction inspection, design, and public outreach project components. The requested \$566,000 from the District will fund the sanitary lateral replacement and inspection for the private property work.

Including Work Plan M10005MI02, the City has obligated seven percent (\$566,000/\$8,151,813) of the funding available to the City through 2021 in the PPII Program. The requested funding is budgeted through project M10005 and does not represent an increase in the total project cost.

## **RESOLUTION**

Approval of Funding Agreement M10005MI02 Under Project M10005, 2021 City of Milwaukee Private Property Infiltration and Inflow 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 M10005MI02 in the amount of \$566,000 for work outlined in Work Plan M10005MI02 as submitted by the City of Milwaukee under project M10005, Private Property Infiltration and Inflow Project.