

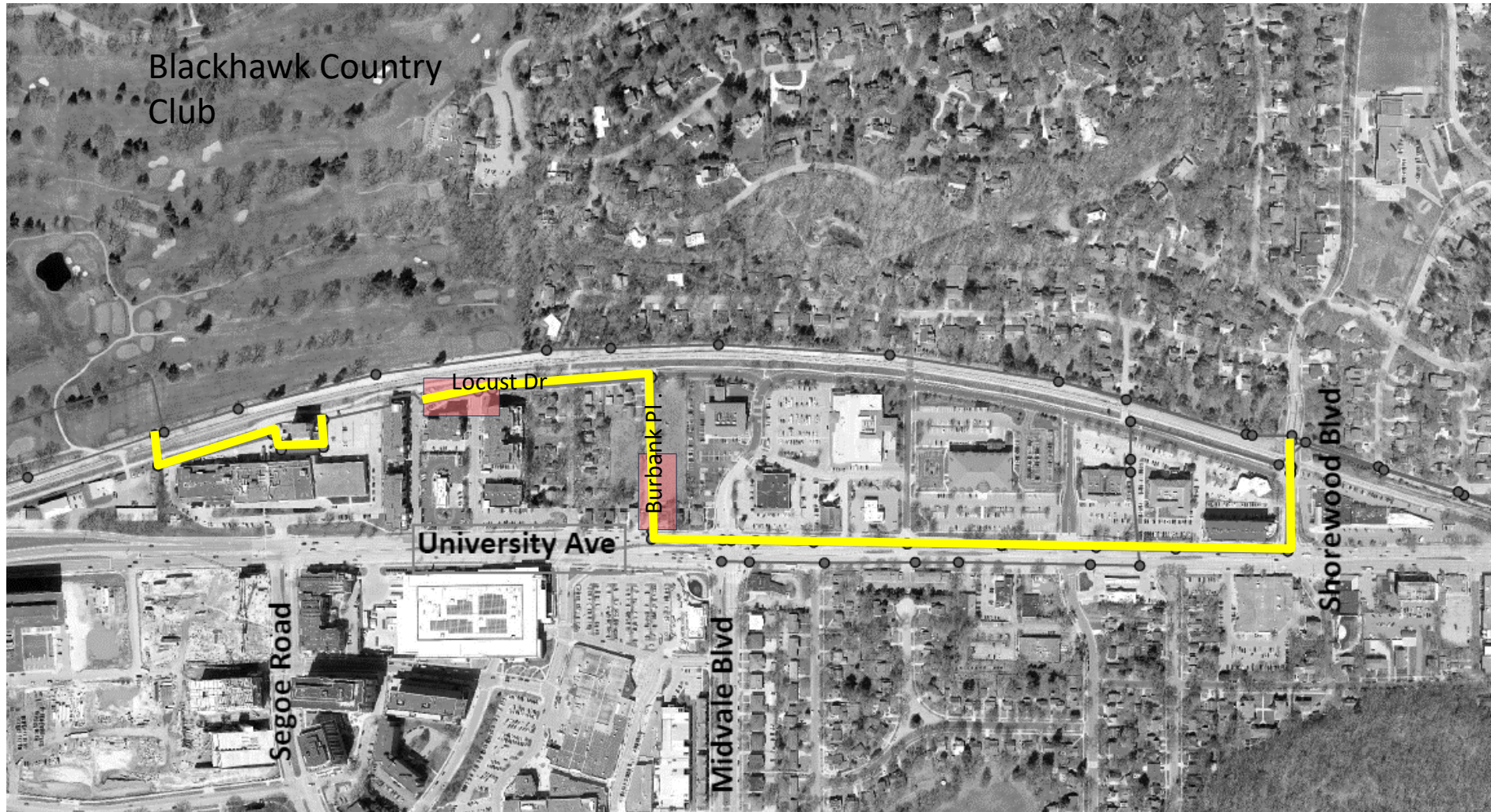
AUTHORIZATION FOR ADDITION OF WEST INTERCEPTOR REHAB – SEGOE ROAD TO SHOREWOOD BLVD TO 2023 CAPITAL BUDGET

**Commission Meeting
November 30, 2023**

Madison Metropolitan Sewerage District



Location Map



— West Interceptor Rehab –
Segoe Rd to Shorewood
Blvd Extents (“entire
project”)

Emergency Rehab
Segment antic. 12/23

Request 1: Move Project to 2023 Budget

- Rehabilitation of these sections was planned for in the 2024 budget as part of the **West Interceptor Rehab – Segoe Road to Shorewood Blvd Project**.
- Staff requests Commission add this project to the 2023 budget so work can begin over the entire project extents as soon as possible.



The cover of the 2024 Operating Budget & Capital Improvements Plan features a scenic photograph of a shoreline with a large tree, a body of water, and a person walking. The text on the cover includes:

- 2024 Operating Budget & Capital Improvements Plan**
- Madison Metropolitan Sewerage District
- ADOPTED OCTOBER 26, 2023

West Interceptor Rehab – Segoe Road to Shorewood Blvd

CIP ID# B12

START	COMPLETION
2024	2025

PROJECT TYPE
System Relocation – Conveyance System

LOCATION
West Interceptor
Along Locust Dr, Burbank Place, and University Avenue between
be Road and Shorewood Boulevard, City of Madison and Village
Shorewood Hills

DESCRIPTION
The purpose of this project is to rehabilitate a portion of the West Interceptor, which is located between Segoe Road and Shorewood Blvd in the City of Madison and the Village of Shorewood Hills. This pipeline has been in service for over 90 years and several sections of cracked pipe have been identified by video inspection. Installing a cured-in-place liner in the existing sewer will extend its service life 50 years or more. It is anticipated that this project will be financed through cash in the capital projects fund.

BACKGROUND
A portion of the West Interceptor was constructed in 1931 and represents the first interceptor constructed by the District after as created in 1930. This section of the Old West Interceptor consists of 4,700 feet of vitrified clay pipe and is a mixture of 12-, 15-inch and 18-inch diameter sewers. As is common with sewers of this era, the pipe lengths are three feet in length and thus susceptible to inflow and infiltration. Additionally, an inspection of the Old West Interceptor in 2022 showed cracked sections along Locust Drive and Burbank Drive. Rehabilitating the pipe with a new liner is a cost-effective way to address these problems.

FINANCIAL ANALYSIS	
2024 Expenditure (\$2024)	Total Project Cost
\$641,000	\$1,100,000

SECTION SIX: Appendices | Page 101

Request 2: Authorize Emergency Rehab for A portion of the work

- District staff recommends immediate rehabilitation of these 3 segments under emergency authorization.
- These repairs are anticipated to cost \$100,000 or less, within transactional authority, and can be complete by 12/31/2023.



If Authorized: What's Next

- Emergency work with contractor for 3 segments to proceed ASAP.
- Staff will scope and bid remaining stretches of project requiring rehabilitation.



