



CITY OF NOVI CITY COUNCIL
MAY 20, 2024

SUBJECT: Consideration of approval of final payment to Oakland County Water Resource Commissioner for the Novi Trunk Sewer project, in the amount of \$280,000.

SUBMITTING DEPARTMENT: Department of Public Works, Water & Sewer Division

EXPENDITURE REQUIRED	\$ 280,000.00
AMOUNT BUDGETED	\$ 280,000.00
APPROPRIATION REQUIRED	\$ 0
LINE ITEM NUMBER	592-536.00-976.136 Water & Sewer Fund

BACKGROUND INFORMATION:

The replacement and rehabilitation of a failing sanitary sewer in northwest portion of Novi was completed by the Oakland County Water Resources Commissioner (WRC) last year. The purpose of this project was to replace 330 linear feet of sagging sanitary sewer, which caused several sanitary sewer overflows (SSO) into the adjacent wetlands. Additionally, 2,382 linear feet of the concrete sewer main pipe was lined due to the deterioration observed during inspection.

This sanitary sewer, which was installed in 1998, crosses through a large wetland (attached map), which caused the failure. The design and replacement of the sagging/ settled portion included piles, which are driven into the ground to a point where they provide adequate pipe support, along with portions utilizing a steel casing to span areas of poor soils.

This project has been managed by WRC as they operate and maintain this section of the sewer system. Since the line is a Novi-owned asset, the project costs are the responsibility of the City, but there is no agreement required for execution.

The contract for this project was awarded to Pipeline Management in 2022. Due to the challenging conditions, multiple methods of construction were used which resulted in delays and additional project costs. The attached letter from WRC (Nichols, April 16, 2024) explains the unforeseen conditions encountered and the alternative

construction methods utilized. WRC has requested a change order in the amount of \$280,000, which staff believes is warranted for the additional effort and materials. The costs are based on the unit costs provided in Pipeline Management's original bid. In 2022, the City paid WRC the anticipated cost of the project in the amount of \$2,200,000, per the attached cost estimate (approved at the [January 10, 2022 City Council Meeting](#)). Substantial completion for this project was summer 2023.

RECOMMENDED ACTION: Approval of final payment to Oakland County Water Resource Commissioner for the Novi Trunk Sewer project, in the amount of \$280,000.