



CITY OF NOVI CITY COUNCIL
JANUARY 26, 2026

SUBJECT: Consideration of approval to award engineering design services to AECOM for a Meadowbrook Road, 9 to 10 Mile Road, project, in the amount of \$128,267.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

KEY HIGHLIGHTS:

- The proposed scope is in addition to ditching and storm sewer work that was designed last year.
- The water main between Chattman Dr and 9 Mile Rd was installed in 1970 and is at risk of breaks.
- The segment of road has poor rideability due to transverse cracks in the surface pavement.

FINANCIAL IMPACT

	FY 2025/26
EXPENDITURE REQUIRED	\$ 68,680.00 Water Main Lining <u>\$ 59,587.26 Road Resurfacing</u> \$128,267.26 TOTAL
BUDGET Water & Sewer Fund 592-536.00-976.198 Major Street Fund 202-449.20-975.201	\$ 201,850.00 Water & Sewer Fund \$ 100,146.00 Major Street Fund
APPROPRIATION REQUIRED	\$ 0
FUND BALANCE IMPACT	\$ 0

BACKGROUND INFORMATION:

City engineering consultant, AECOM, began designing drainage improvements for Meadowbrook Rd, 9 to 10 Mile Rd, in 2024 due to issues with the overall drainage system. During the design, it was noted that there is aging asbestos-cement water

main along Meadowbrook Rd between Chattman Dr and 9 Mile Rd, along with needed road rehabilitation. To avoid impacting the area repeatedly over the next several years with construction projects, City staff decided to combine the drainage, water main, and road rehabilitation into one project.

In addition to the ditching and storm sewer work that was previously designed, the existing asbestos-cement water main is proposed to be lined with Cured-In-Place Pipe (CIPP) lining. This lining method is less disruptive to residents since it is a trenchless method of rehabilitating water main. Following the water main lining, the project proposes a 2-inch mill of the existing concrete pavement and placement of 3-inches of asphalt. Drainage improvements would be made during the road portion of the project.

AECOM prepared a scope of services for the design of the water main lining and road resurfacing of Meadowbrook Road, 9 to 10 Mile Road. The attached proposal outlines the detailed scope of services. The design fee will be \$128,267.26, which is adjusted from the consultant fee table based on work already completed in previous design.

The fee derivation is based on the following construction estimate breakdown:

• Water Main Lining	\$ 1,098,880.00 x 6.25%	= \$68,680.00
• Resurfacing	\$ 1,324,161.30 x 4.5%	= \$59,587.26
Total		\$ 128,267.26

Design will begin immediately after the award with construction expected to start with water main lining in summer or fall of this year, and drainage and road work to follow in 2027. The road work is being planned for 2027 due to other road construction projects occurring nearby in 2026 (8 Mile Bridge - Wayne County, Novi Rd 8 to 9 Mile - RCOC, and Village Wood, Cranbrooke to Haggerty). The water main lining is not expected to require any traffic detours.

RECOMMENDED ACTION: Approval to award engineering design services to AECOM for a Meadowbrook Road, 9 to 10 Mile Road, project, in the amount of \$128,267