



CITY OF NOVI CITY COUNCIL
SEPTEMBER 25, 2023

SUBJECT: Consideration of approval to award engineering design services to OHM Advisors for the design of streambank stabilization and restoration measures along the Middle Branch of the Rouge River north of Chattman Road and between 10 Mile Road and Novi Road in the amount of \$268,220.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

EXPENDITURE REQUIRED	\$ 268,220
AMOUNT BUDGETED	\$ 902,460
APPROPRIATION REQUIRED	\$ 0
LINE ITEM NUMBER	211-445.00-975.158

BACKGROUND INFORMATION:

The 2014 Stormwater Master Plan Update identified four priority sites of concern in the Walled Lake Branch of the Middle Rouge River between 10 Mile Road and Novi Road. Priority sites were selected based on a Bank Erosion Hazard Index (BEHI), proximity to infrastructure or private property, and length. This section of the Middle Rouge River is of particular concern because it runs parallel to and crosses under a railroad track. Also included in the design scope is a portion of the Middle Rouge River north of Chattman Road. Initially, this area was partially designed with the Meadowbrook Lake dredging project but was removed from that project scope due to permitting delays with the state. The stabilization measures aim to reduce sediment loading and transport upstream of Meadowbrook Lake, correct bank erosion and channel incision, and improve water quality in the watershed.

The City's engineering consultant, OHM Advisors, performed an environmental assessment of the project area last year to satisfy the state's permitting requirements and provide additional data. The attached engineering design services proposal expands on the data already collected during the assessment and provides more details on the scope of services. The fee for design of both locations will be \$268,200, which is based on the engineering fee table.

RECOMMENDED ACTION: Approval to award engineering design services to OHM Advisors for the design of streambank stabilization and restoration measures along the Middle Branch of the Rouge River north of Chattman Road and between 10 Mile Road and Novi Road in the amount of \$268,200.