



CITY OF NOVI CITY COUNCIL
JANUARY 26, 2026

SUBJECT: Consideration of approval to award engineering design services to AECOM for 11 Mile Road, Wixom Road to Beck Road, rehabilitation and reconstruction, and for the construction of a roundabout at the intersection of 11 Mile Road and Beck Road, in the amount of \$108,976.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

KEY HIGHLIGHTS:

- The roundabout (RAB) proposed at 11 Mile Road and Beck Road was partially designed for the Beck Road Reconstruction project.
- 11 Mile Road between Wixom Rd and Beck Rd requires a combination of reconstruction and rehabilitation.
- Sidewalk gaps will be filled on the south side of 11 Mile Road between Wixom Road and Bosco Fields Park.

FINANCIAL IMPACT

	FY 2025/26
EXPENDITURE REQUIRED	\$ 74,915.32 Major Street Fund (Roads & Pathway) \$ 34,061.05 Drain Fund (Storm sewer) \$ 108,976.37 TOTAL
BUDGET Major Street Fund 202-449.20-975.274 Drain Fund 211-445.00-975.270	\$ 2,651,973.00 Major Street Fund \$ 37,468.00 Drain Fund
APPROPRIATION REQUIRED	\$ 0
FUND BALANCE IMPACT	\$ 0

BACKGROUND INFORMATION:

Rehabilitation of 11 Mile Road between Wixom Road and Beck Road is needed to repair the road surface and extend the life of the road, which was rated a PASER 4-5 in 2024. This project includes two categories of road construction:

- Road rehabilitation – asphalt mill and resurfacing between Wixom Road to just east of Wembley Drive.
- Road reconstruction – full-depth asphalt reconstruction between just east of Wembley Drive to western RAB limit and full concrete reconstruction within RAB limits.
- Originally, a roundabout (RAB) at 11 Mile Road and Beck Road was included in the design of the Beck Road Reconstruction project, which will be starting construction this spring. However, the RAB was removed from the project due to time constraints related to federal funding the project was receiving. During the initial RAB design, issues with undersized storm sewer were identified along 11 Mile Road. This necessitated full road reconstruction between Beck Rd and just east of Wembley Dr to upgrade the storm sewer and discharge it properly.

Additionally, an 8-ft wide shared-use path will be added to the south side of 11 Mile Road between Wixom Rd and the ITC Trail, and between the Oberlin subdivision and Bosco Fields Park. The connection to the intersection at Beck Road and 11 Mile will be investigated during design, however, there is not enough space on the north side of the pond to construct without significant cost or impacts. A route south of the pond is possible and can be discussed as part of the project or separately as future Bosco plans are formulated.

AECOM prepared a scope of services for the design of 11 Mile Rd, Wixom Rd to Beck Rd, rehabilitation and reconstruction and RAB construction at 11 Mile Road and Beck Road. The attached proposal outlines the detailed scope of services. The design fee will be \$108,976.37, which is adjusted from the consultant fee table based on work already completed in previous designs.

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

• 11 Mile Rd Mill & Resurface	\$ 559,461.10 x 6.25%	= \$34,966.32
• 11 Mile Rd Reconstruction & RAB	\$ 1,556,833.85 @ flat rate	= \$25,000.00
• Storm sewer	\$ 1,088,212.40 x 3.13%	= \$34,061.05
• Shared use path	\$ 239,184.00 x 6.25%	= \$14,949.00

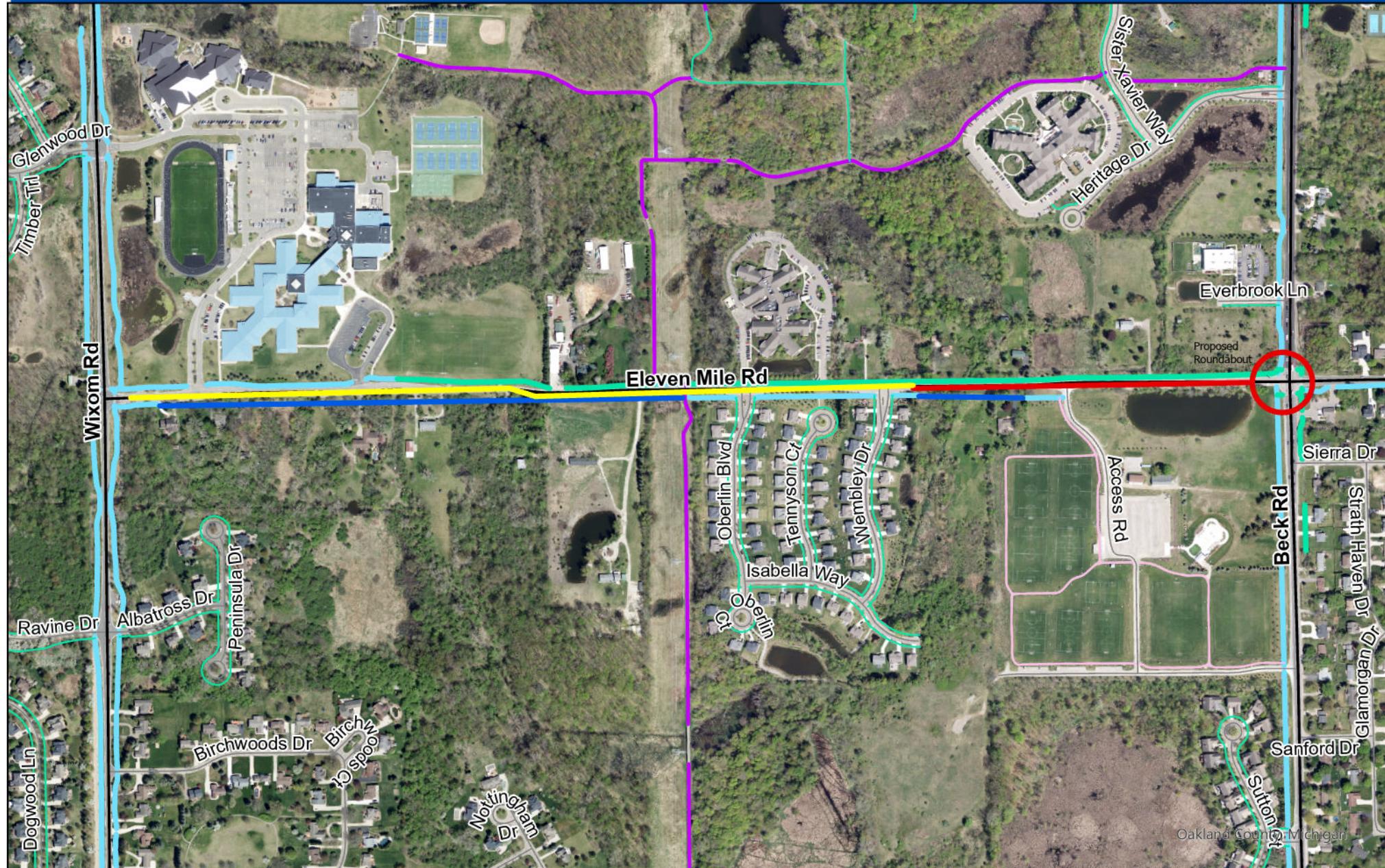
Total	\$ 108,976.37
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Design will begin immediately after the award, with construction expected to start in spring 2027.

RECOMMENDED ACTION: Approval to award engineering design services to AECOM for 11 Mile Road, Wixom Road to Beck Road, rehabilitation and reconstruction, and for

the construction of a roundabout at the intersection of 11 Mile Road and Beck Road, in the amount of \$108, 976.

11 Mile Road Rehabilitation/Reconstruction and Roundabout, Beck Rd to Wixom Rd



Map Author: Runkel
Date: 1-20-26
Project: 11 Mile, Beck to Wixom
Version #: 1.0
0 0.05 0.1 0.2
Feet
1 inch = feet



Sidewalks Existing

Route Type

Pathway Major

Pathway Multi-Use

Pathway Municipal

Proposed Pathway

Road Rehabilitation

Sidewalk Local

Sidewalk Major

Road Reconstruction



City of Novi
Geospatial Resources Division
Integrated Solutions Dept.
45175 W Ten Mile Rd
Novi, MI 48375
cityofnovi.org



January 13, 2026

Ms. Rebecca Runkel
City of Novi
Field Services Complex
26300 Lee Begole Drive
Novi, MI 48375

Reference: Scope and Fee Letter for
11 Mile Road Reconstruction

Dear Ms. Runkel,

AECOM is pleased to submit this proposal for the above referenced project. The work to be completed in this project is the rehabilitation and reconstruction of 11 Mile Road from Wixom Rd to Beck Rd. The proposed work is the construction of a concrete pavement roundabout at the intersection of 11 Mile Rd and Beck Rd as a continuation of the Beck Rd Reconstruction project that is set to be constructed in 2026. Along with the roundabout will be drainage improvements extending to the Novi-Lyon Drain (just east of Wembley Dr), which will require full depth asphalt pavement reconstruction, finally a mill and resurface of asphalt pavement plus spot curb and gutter repair from Wixom Rd to the Novi-Lyon Drain. This construction will also add an 8' HMA pathway on the south side of 11 Mile Rd from Wixom Rd to the ITC Trail and a 6' concrete sidewalk connecting the sidewalk at the Oberlin subdivision to Bosco Fields.

The following tasks will be completed for the projects:

Initial Meeting and Scope Verification

The intent of this task is to meet with the City and verify the limits and scope of work for the project. The city will establish the desired work to be completed. AECOM will then perform a field review of the site to determine the best approach and any other elements of work that would be required.

Survey and Base Plans

The intent of this task is to provide topographic survey and base mapping as needed for the proposed design work. While the segment of 11 Mile Rd had been surveyed and preliminarily designed previously, the survey was performed in December of 2020, so survey should be recollected at least behind the back of curb from Wixom to the ITC Trail to account for any grade changes that may have occurred since then.

AECOM will prepare base plans (30% - 40% complete) to identify the major design features. These plans will also be used to further the utility investigation and resolution of potential conflicts. Base plans will include the results of the survey information, utility information received in response to our solicitations for information, and a preliminary estimate.

AECOM will obtain existing utility data with a design ticket through the MISS DIG system. In addition, AECOM will distribute the base plan design set to the utility companies that have indicated that they have facilities in the project area. We will incorporate the additional information that utility companies provide to AECOM into the plan set.

Preliminary Plans

Incorporating the information obtained from the above tasks, we will prepare the preliminary plan sets (90%) in accordance with City requirements. Soil boring/pavement core information will be included in the plans. This submittal will include items such as the typical cross sections, materials/quantities, and details. A Project Manual and preliminary updated cost estimate will also be prepared and submitted for each contract.

Ms. Rebecca Runkel
January, 2026
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Final Plans and Proposal

Incorporating comments from the City, AECOM will develop the final plans submittal, including the plan sets, Project Manual, and cost estimates.

Schedule

Concept Plans (To Novi)	August, 2026
Final Plans (Ready to be submitted for advertisement)	October, 2026
Out to bid	November, 2026
Construction	Spring, 2027

Construction

AECOM will provide full time inspection, contract administration, and staking as required for the projects. Materials Testing during construction will be performed by a geotechnical engineering firm hired directly by the City under the direction of AECOM.

Estimated Fees:

AECOM will provide Design Engineering services and Contract Administration services per the 2022-2027 Engineering Fees Table.

The estimated cost of work for this project was determined by approximate quantities established through field visits as well as satellite imagery. The estimated unit prices used were developed from average unit prices from recently bid MDOT projects. The rates have been reduced from the agreed upon rates due to portions of the work already completed in previous designs.

11 Mile Rd Wixom-Beck & RAB Design Fee:

Mill & Resurface – Construction Estimate	=	\$559,461.10 x 6.25% =	\$34,966.32
Reconstruction & RAB – Construction Estimate	=	\$1,556,833.85 @ Flat Rate =	\$25,000.00
Storm Sewer – Construction Estimate	=	\$1,088,212.40 x 3.13% =	\$34,061.05
Shared Use Path – Construction Estimate	=	\$239,184.00 =	\$14,949.00
Total			\$108,976.37

We understand that fees for construction phase services will be determined after a construction contract is awarded and that the City will pay the geotechnical firm for soil borings/cores, and materials testing during construction directly.

Please contact me if you have any questions or wish to discuss this submittal.

Sincerely,

AECOM Great Lakes, Inc.



Sean Kelsch, PE
Vice-President