CITY OF NOVI CITY COUNCIL
APRIL 21, 2025

SUBJECT: Approval to award engineering design services to Spalding DeDecker for the design of Novi Road Median Drainage Improvements, 12 Mile Road to 13 Mile Road, in the amount of $53,602.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

KEY HIGHLIGHTS:

- $53,602 requested for engineering design
- Scope includes reconfiguring the storm sewer, paving the median islands, and installing planters with trees.

FINANCIAL IMPACT

	FY 2024/25	FY 2025-26 **proposed**	Total
EXPENDITURE REQUIRED	**$ 53,602**	**$ 0**	**$ 53,602**
BUDGET			
Drain Fund	**$ 305,000**	**$ 514,282**	**$ 819,282**
APPROPRIATION REQUIRED	**$ 0**	**$ 0**	**$ 0**
FUND BALANCE IMPACT	**$ 0**	**$ 0**	**$ 0**
Budget includes current estimated total project costs (construction, construction engineering, crew days, material testing, contingency, etc.), which are $819,282.			

BACKGROUND INFORMATION:

When Novi Road, 12 to 13 Mile Rd, was reconstructed in 2016, the center turn lane was removed in some sections and replaced with landscaped depressed median islands. The purpose of the depressed median islands was to collect and filter stormwater while also being an attractive feature. However, maintaining the landscaping has been difficult due to the harsh conditions and resulted in mostly bare, unattractive medians.

Therefore, staff propose paving the existing medians and adding tree planters with tree species known to survive harsh conditions. The storm sewer will be reconfigured to properly drain the road.

Spalding DeDecker prepared a scope of design services for the Novi Road median islands. The attached proposal outlines the detailed scope of services. The design fee will be $53,602 (8.75% of the estimated construction cost of $612,596). Design of the project would begin following the award, with construction expected to begin either in fall 2025 or spring 2026.

RECOMMENDED ACTION: Approval to award engineering design services to Spalding DeDecker for the design of Novi Road Median Drainage Improvements, 12 Mile Road to 13 Mile Road, in the amount of $53,602.

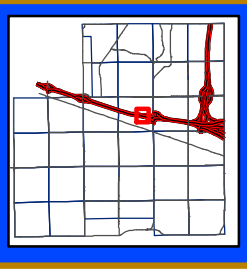
Novi Road Median Islands

Map Author: Runkel
Date:4-8-25
Version #: 1.0

MAP INTERPRETATION NOTICE

Map information depicted is not intended to replace or substitute for any official or primary source. This map was intended to meet National Map Accuracy Standards and use the most recent, accurate sources available to the people of the City of Novi. Boundary measurements and area calculations are approximate and should not be construed as survey measurements performed by a licensed Michigan Surveyor as defined in Michigan Public Act 132 of 1970 as amended. Please contact the City GIS Manager to confirm source and accuracy information related to this map.

Existing Center Islands



City of Novi
Engineering Division
Department of Public Works
26300 Lee BeGole Drive
Novi, MI 48375
cityofnovi.org

0 85 170 340 510 680 Feet

1 in = 596 ft

SPALDING DEDECKER
Engineering & Surveying Excellence since 1954

April 9, 2025

Rebecca Runkle, PE
Engineering
City of Novi
26300 Lee BeGole Drive
Novi, Michigan 48375

Re: Novi Road Medians 12 Mile to 13 Mile – rev1
Proposal for Design Engineering Services
Job No. PR25-158

Dear Rebecca Runkle:

Spalding DeDecker (SD) is pleased to provide the following proposal for engineering design services to replace the medians in Novi Road from 12 Mile Road to 13 Mile Road.

Project Understanding

Novi Road was reconstructed in 2016. That construction included catch basins placed in landscaped depressed central medians. The City has been challenged with maintenance issues due to the depressed medians and desires to reconstruct these to a paved median option.

The median islands will be bound by curb and gutter and paved with 6" concrete. Planters with trees will be placed in each median and the storm sewer system will be reconfigured as needed.

Proposed Scope of Services

To pave the medians, the storm sewers will need to be reconfigured, including the addition of curb catch basins and connecting storm sewers to handle the surface drainage treatment modifications. Stormwater spread calculations will be run to confirm proper placement and quantity of storm structures.

Our scope of services will include the following:

- Meet with City staff to finalize a detailed scope of the project.
- Prepare a topographic survey of the area.
- Prepare preliminary plans for review.
- Prepare engineering drawings and specifications for permitting, bidding and construction. The plan sets will include at a minimum:
    - Cover Sheet

  - Notes and Details
  - Removal Plan
  - Construction Plan
  - City Standard Details, as needed
- Assist with the bidding process
  - Publish bid documents to electronic plan rooms
  - Prepare bid tabulation
  - Make Recommendation for Award

Proposed Fees

Based on our pre-qualification status with the City, engineering design fees are typically based on a pre-determined percentage of the pre-design construction cost estimate. Preliminary cost estimates for the project options have been generated with estimated costs.

Based on the estimated construction cost of $612,596.00, the fees for this project are:

Storm Sewer Construction (8.75%)	**$53,602.15**

The above fees do not include construction engineering or inspection. These fees will be determined upon recommendation for award.

Project Schedule

The following summarizes the anticipated schedule for the project:

Milestone	Completed By
Council Award	4/21/2025
Topographic Survey	5/30/2025
30% Plans	6/20/2025
90% Plans and Specifications	7/25/2025
100% Bid Package and Advertising	8/2/2025
Bid Opening	8/25/2025
Construction Contract Award by Council	9/8/2025

Construction Start, estimated	9/29/2025
Construction Complete, estimated	11/14/2025

Thank you for the opportunity to provide this proposal for Engineering Services. Please do not hesitate to contact me if you have any questions or comments regarding this submittal.

SPALDING DEDECKER ASSOCIATES, INC.

Taylor E. Reynolds, PE
Senior Project Manager