



CITY OF NOVI CITY COUNCIL
NOVEMBER 25, 2024

SUBJECT: Consideration of approval to award engineering services to Spalding DeDecker to update the City's Stormwater Master Plan in the amount of \$110,200.

SUBMITTING DEPARTMENT: Department of Public Works, Engineering Division

KEY HIGHLIGHTS:

- The update will focus on 4 out of our 11 regional detention basins prioritized based on potential for further development along the Grand River Avenue corridor.
- Analyzes basins for existing and potential capacities and provides recommendations for improvement.
- A draft capacity purchase policy for use of the ponds by new developments will be developed.

FINANCIAL IMPACT

	FY 2024/25
EXPENDITURE REQUIRED	\$ 110,200
BUDGET	
Drain Fund 211-445.00-805.000	\$ 110,200
APPROPRIATION REQUIRED	\$ 0
FUND BALANCE IMPACT	\$ 0

BACKGROUND INFORMATION:

City engineering consultant, Spalding DeDecker (SD), assisted the City with preparing the last Stormwater Master Plan Update in 2014. Since then, SD has been involved in local basin concerns and providing the City with support in meeting updated state stormwater regulations. In 2023, the City tasked SD with reviewing its stormwater

standards and ordinance for conformance with state Municipal Separate Storm Sewer System (MS4) permit requirements. This was prompted by the Environment, Great Lakes, and Energy's (EGLE's) MS4 permit renewal process where EGLE requested additional information on the use and capacity of the City's eleven regional detention basins.

In addition, SD prepared a technical memo for the City that investigated the capacity of the City's regional detention basins. Based on that report, the proposed stormwater master plan update will focus on four regional detention basins that were prioritized based on their potential for further development. The four basins selected are part of drainage districts that connect to or are downstream of the Grand River Avenue Corridor: Taft regional basin, Bishop regional basin, Cedar Springs basin, and the Leavenworth basin. SD will further analyze these basins for existing and potential capacities and provide recommendations for improvement.

The proposal also includes the formation of a draft capacity purchase policy for use of the regional basins by new developments. During their review of the City Ordinance, SD recommended a payment-in-lieu program that could be adopted by the City to help offset costs of basin improvements or storm sewer upsizing when a development wishes to discharge to a regional basin. Currently, for developments to use off-site detention, the City Ordinance (Sections 12-70 to 12-72) requires a stormwater detention fee based on the amount of impervious surface area proposed on the site. The draft capacity purchase policy would better define who pays for what when capacity upgrades are needed due to new developments, and the proposed fees would be more in line with what it would cost a developer to construct a basin onsite. The attached proposal details the scope of services. Work would begin following City Council approval with a final draft plan expected to be completed by fall 2025.

RECOMMENDED ACTION: Approval to award engineering services to Spalding DeDecker to update the City's Stormwater Master Plan in the amount of \$110,200.