



CITY OF NOVI CITY COUNCIL
JUNE 23, 2025

SUBJECT: Consideration of a unit price contract to Havener Tech, LLC, for as-needed catch basin, storm water pipe, and concrete slab stabilization services in the estimated annual amount of \$300,000.

SUBMITTING DEPARTMENT: Department of Public Works, Field Operations Division

KEY HIGHLIGHTS:

- Catch basin stabilization uses spray foam to fill cracks and voids to extend the service life of the structures
- Ensures stormwater is properly routed through the collection system.
- Alternative to costly reconstructions.

FINANCIAL IMPACT

	FY 2025/26
EXPENDITURE REQUIRED	\$300,000 Estimated annual amount
BUDGET Drain Fund (211-445.00-936.122)	\$300,000
APPROPRIATION REQUIRED	\$ 0
FUND BALANCE IMPACT	\$ 0

BACKGROUND INFORMATION:

The Department of Public Works is responsible for inspecting, cleaning, and rehabilitating the stormwater collection structures along city roadways. These structures collect rainwater, snowmelt, and excess irrigation water draining from paved surfaces. DPW staff have carried out a multi-year proactive catch basin cleaning and inspection program to determine best maintenance practices at each of the City's 3,000+ public catch basin locations.

Most of these stormwater collection structures are made of brick and mortar. Because they are regularly exposed to continuous freeze-thaw cycles, the structures are prone

to cracking and deterioration. Degradation of the catch basin can cause the system to transport stormwater improperly, which may impact the roadway and surrounding properties.

In-house rehabilitation of a structure (rebuilds that require removing and replacing bricks and mortar) can take one to three days, depending on the severity of the failure. When using polymer foam, it takes approximately 15 minutes to repair basins that have not yet compromised the roadway. This rehabilitation process and the material used will last longer than traditional repairs, since polymer foam repels moisture rather than absorbing water through small cracks, which are common with brick-and-mortar repairs.

Unit pricing for catch basin, stormwater pipe, and concrete slab stabilization services was obtained using the Michigan Intergovernmental Trade Network (MITN) as part of a bidding process initiated by the City of Farmington Hills. A program progress map is included in the packet for reference.

RECOMMENDED ACTION: Approval of a unit price contract for as-needed catch basin, storm water pipe, and concrete slab stabilization services to Havener Tech, LLC, using the Farmington Hills contract (extended to MITN members) in the estimated annual amount of \$300,000. The contract term is one year with four optional one-year extensions.