

MEMORANDUM

DATE: September 12, 2023
TO: Melissa R. Marsh, City Manager
FROM: Sean P. Ballantine, Director of Public Services
SUBJECT: DPS – Dequindre Streetlighting

In the 2017-18 Goal Plan, City Goal E was identified to improve pedestrian safety on Dequindre Road, in particular, the residential corridor between 11 and 13 Mile Roads. This goal was prompted by several pedestrian safety incidents, and at 45 miles per hour north of 11 Mile, Dequindre has the highest posted speed limit of the City's surface streets, making it a priority for safety management and improvements.

Through this process, it was also recognized that this section of Dequindre has no streetlights on the Madison Heights side, save one or two that were added over the years between 11 and 12 Mile. Adequate streetlighting is a primary driver of both vehicular and pedestrian safety in a high-density suburban environment. Upon recognizing the significant savings that the LED conversion had afforded the City, the addition of streetlights on Dequindre Road was included in the Capital Improvement Plan, and funded in the 2023-24 Budget.

Staff reached out to Debra Cain, our DTE Community Lighting representative, and were provided with three cost options; decorative “teardrop” fixtures on decorative poles, standard “cobra” fixtures on a steel pole with a concrete foundation, and a direct-bury fiberglass pole with a standard roadway luminaire. This third option was the most cost-effective, and satisfied two primary requirements; it is traffic-safe providing the necessary breakaway if hit by a car, and it is a standard stock option for DTE, meaning they provide replacement and reinstallation at no additional cost in the event of an accident. The plan was developed to provide 53 evenly spaced streetlights on Dequindre Road between 11 and 13 Mile.

Staff recommends that Council adopt the following motions:

- To approve a Budget Amendment in the amount of \$12,397 to account 202-474-987-0000.
- To approve the installation of streetlighting on Dequindre Road at a cost of \$232,397 as presented, and authorize the City Manager to request and execute an Agreement for Municipal Street Lighting through DTE.

Department of Public Services

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