



CITY COMMISSION STAFF REPORT

DEPARTMENT: Utilities Department

DATE: December 10, 2024

SUBJECT: Motion to approve and authorize a piggyback agreement from the City of Plantation agreement No. 033-23 with Transportation Solutions and Lighting, Inc., for the purchase of traffic calming devices (speed cushions) for the traffic calming pilot program. - **Utilities**

CITY MANAGER RECOMMENDATION:

The City Manager recommends Commission approval of a piggyback agreement from the City of Plantation agreement No. 033-23 with Transportation Solutions and Lighting, Inc., for traffic calming devices to be placed at nine (9) separate locations. These locations were selected for a pilot program to test the installation and use of these devices from community and City staff input. The program will provide an opportunity to observe and monitor the reduction of speed and improved safety on these corridors and determine whether permanent speed humps will be desired at these locations. The cost for the initial pilot program will be less than \$45,000.00. Following the evaluation of this program, City can decide whether to keep these in place, relocate them, or convert them to permanent speed humps (constructed of asphalt) within the budget process.

BACKGROUND OF ITEM:

On December 12, 2023, The Corradino Group (Consultant) presented a preliminary Traffic Calming Study to the City Commission, which reviewed 51 corridor segments in Cooper City. The study, conducted between May and June 2023, included data on speed, volume, and a 5-year crash history. Seven corridors with high speeds were identified for further examination. The final report, submitted on February 19, 2024, recommended traffic calming measures for 14 corridors based on traffic data. On March 12, 2024, the Commission discussed these findings and implemented a Traffic Calming Pilot Program with temporary speed cushions in nine identified street sections. On May 28, 2024, the City Commission approved a Traffic Calming Pilot Program Design and Evaluation for temporary speed cushions at nine (9) locations (Exhibit C) with the Consultant. These nine locations would require twenty-six (26) total cushions, each 6 feet wide by 24 feet long by 3 inches in height. Since each street width is typically 20-24 feet wide, three cushions are required for eight of the nine locations and two cushions at one location.

The contractor will perform the installation of the first two cushions through a separate Agreement. Then, Public Works staff will observe the procedure and be able to install the remaining cushions.

The traffic-calming project utilized the criteria provided in the Manual of Uniformed Minimum Standards for Design, Construction, and Maintenance for Streets and Highways (Florida Greenbook). In addition, the Code of Ordinances Section 17-38 Public Roads / Article IV – Traffic Calming Devices were reviewed. *However, the recommendations for the traffic calming study and speed and volume thresholds for installing traffic calming devices as outlined within the Florida Greenbook.* Since this is a pilot/test program, the staff is not initially reviewing all the current code requirements for final, permanent traffic calming improvements. However, once results are obtained, staff will go through all of the code-required community engagement, signatures, and design speed provisions of the City Code of Ordinances.

ANALYSIS:

Traffic calming measures help reduce the severity and frequency of accidents, improving road safety for pedestrians, cyclists, and all road users. The Consultant has proposed nine (9) locations within the City (Exhibit C) to install temporary speed cushions. Following installation, a six-month data collection period will take place. The new data will be compared to the data gathered for the City-Wide Traffic Calming Study dated February 2024, and the results will be documented in a memorandum.

PROCUREMENT:

Sec. 2-258. – Exclusions and exceptions to bid and proposal requirements.

(f) *Purchases of goods or services from contracts awarded by other governmental or not-for-profit entities by a formal competitive selection process.* The purchase of goods or services under a contract awarded by the United States Government or another governmental, public, or not-for-profit entity by a formal competitive process is authorized, provided the purchasing agent decides that time, expense, and marketplace factors make it financially advantageous for the City to do so.

FISCAL IMPACT:

There is sufficient funding available in the Road and Bridge Fund from Professional Services – Engineering, where we had a \$50,000 budget for Traffic Engineering Studies – Calming. We are moving this to Construction Materials & Supplies as this project does not meet the \$50,000 capitalization threshold.

<u>General Ledger Acct. Number</u>	<u>Budgeted Amount</u>	<u>Requested Amount</u>	<u>Remaining Amount</u>
103-313-535138-541	\$40,000	\$45,000	\$85,000
103-313-531130-541	\$50,000	-\$45,000	\$ 5,000

ATTACHMENTS:

1. City of Cooper City Agreement with Transportation Solutions & Lighting, Inc.
2. Exhibit A – City of Plantation agreement with Transportation Solutions & Lighting, Inc.
3. Exhibit B – Transportation Solutions & Lighting, Inc. Proposal
4. Vendor Compliance
5. Exhibit C – List of Locations
6. Traffic Calming Study Presentation
7. City of Cooper City Ordinance No. 19-5-3