



CITY COMMISSION STAFF REPORT

DEPARTMENT Public Works

DATE: May 28, 2024

SUBJECT: Motion to Approve the Cooper City Traffic Calming Pilot Program Design & Evaluation for Temporary Speed Cushions at Nine Corridors - The Corradino Group, Inc. - \$42,495.00 - **Public Works**

CITY MANAGER RECOMMENDATION:

The City Manager recommends the Commission approve the Traffic Calming Pilot Program Design & Evaluation for temporary speed cushions at Nine (9) Corridors with The Corradino Group, Inc. ("Corradino Group") to be used by Public Works.

BACKGROUND OF ITEM:

On December 12, 2023, the Corradino Group presented a preliminary report to the City Commission on a Traffic Calming Study conducted across fifty-one corridor segments in Cooper City. The study included collecting 72-hour bi-directional speed and volume data between mid-May and mid-June 2023, alongside a 5-year crash review from August 1, 2018, to July 31, 2023. Field reviews targeted corridors where 85th Percentile Speeds exceeded posted limits, identifying seven corridors for further examination. On February 19, 2024, the Corradino Group submitted the final signed and sealed version of the Traffic Calming Study, which highlighted 14 corridors of interest based on traffic volumes and 85th Percentile Speeds, along with recommendations for traffic calming improvements.

The city-wide traffic calming findings were presented to the City Commission on March 12, 2024, highlighting areas of concern and potential improvements. Following discussions with Corradino Group, City staff decided to implement a Traffic Calming Pilot Program, focusing on installing temporary speed cushions in nine (9) identified speeding-prone corridors while permanent solutions are planned. The proposed locations for the speed cushions are listed in the proposal ("Exhibit 1") and detailed design and permitting services will be provided for their installation. Additionally, bi-directional speed/volume pneumatic tube counts will be collected at selected segments after the installation for analysis. The project timeline aims to complete Phase I (Design and Permitting) within 120 days of the Notice to Proceed and Phase II (Traffic Analysis) within 90 days after the speed cushions' installation.

ANALYSIS:

The installation of temporary speed cushions should immediately reduce vehicle speeds in targeted areas, enhancing safety for pedestrians, cyclists, and motorists alike. Additionally, temporary

installations are often more cost-effective than permanent solutions, allowing for quick implementation and evaluation without substantial financial commitment.

STRATEGIC PLAN:

This item supports the 2022-2027 Commission Strategic Plan, specifically advancing:

Priority 2, Proactive Public Safety - Provide proactive public safety through a commitment to professional services and innovative processes so the quality of life and well-being of residents is continually improved:

- **Objective 5:** Conduct and complete a city-wide traffic calming study to reduce traffic speeds and congestion in and around school zones.
- **Performance Measures 1:** Reduced traffic fatalities, traffic injuries, and property damage.
- **Performance Measures 2:** Traffic complaints by residents and commuters are reduced by 50%
- **Performance Measures 3:** City-wide installation of traffic calming devices in areas warranted by appropriate studies

Priority 4, Citywide Revitalization Priority - Maintain and improve the City's infrastructure and appearance to support and ensure a sustainable and beautiful environment:

- **Objective 7:** Create a mobility plan that includes streets, paths, trails, greenways, sidewalks, and street calming.

PROCUREMENT:

Corradino Group is one of the three (3) consultants selected through the City's RFQ 2020-1-UTL and approved by the City Commission on June 8, 2021, after meeting the requirements of Florida Statute (FS) 287.055, commonly known as the Consultants' Competitive Negotiation Act (CCNA). Pursuant to FS 287.055(2)(g), a consultant selected through the CCNA process, can be awarded a "continuing contract" for professional services where each individual study in an amount not to exceed \$500,000 without any additional competition.

FISCAL IMPACT:

| <u>Description</u> | <u>General Ledger Acct. Number</u> | <u>Budgeted Amount</u> | <u>Requested Amount</u> | <u>Remaining Amount</u> |
|---------------------------------|--|----------------------------|-----------------------------|-----------------------------|
| Professional Svcs - Engineering | 103-313-531130-541 | \$155,000 | \$42,495 | \$40,635.51 |
| Repairs – Road & Drainage | 103-313-534710-541 | \$400,000 | \$42,295 | \$296,386.66 |

ATTACHMENTS:

1. Exhibit 1 - Traffic Calming Pilot Program Design & Evaluation
2. Exhibit 2 - Pilot Traffic Calming Preliminary Locations-1
3. Exhibit 3 - Speed Cushions List of Locations