



## CITY COMMISSION STAFF REPORT

**DATE:** March 12, 2024

**DEPARTMENT:** Public Works

**SUBJECT:** Cooper City City-Wide Traffic Study along Fifty-One (51) Corridor Segments Final Presentation - The Corradino Group, Inc.

### **BACKGROUND OF ITEM:**

On December 12, 2023, Corradino Group presented a preliminary report to the City Commission regarding a Traffic Calming Study conducted along fifty-one (51) corridor segments within Cooper City. The study involved gathering 72-hour bi-directional speed and volume data at these locations between mid-May and mid-June 2023. Additionally, a 5-year crash review from August 1, 2018, to July 31, 2023, was conducted. Field reviews were carried out on corridors where the 85th Percentile Speeds exceeded posted speed limits, identifying seven (7) corridors of interest.

On February 19, 2024, Corradino Group submitted the final signed and sealed version of the Traffic Calming Study. Based on traffic volumes and 85th Percentile Speeds, the study identified 14 corridors of interest (as shown in Table 1) with recommendations for traffic calming improvements.

### **ANALYSIS:**

Traffic calming measures can reduce the severity and frequency of accidents, enhancing road safety for pedestrians, cyclists, and all road users. Corradino Group identified 14 corridor segments where the 85th percentile speeds exceeded the posted speed limits, ranging from 6 to 15 miles per hour (mph). Among these segments, 2 may require further evaluation as their 85th Percentile Speeds exceed the posted limit by 10 mph. Recommendations for traffic calming improvements (listed in Table 7) are proposed for these locations, which may be implemented as temporary measures to assess their effectiveness, prior to installation of permanent traffic calming devices.

### **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.

**ATTACHMENTS:**

1. Exhibit 1 - Final Cooper City City-Wide Traffic Calming Study FEB2024 S&S
2. Exhibit 2 - Traffic Calming Report Presentation dated December 12, 2023 - The Corradino Group, Inc.