

# THE CORRADINO GROUP, INC.

CORRADINO

ENGINEERS • PLANNERS • PROGRAM MANAGERS • ENVIRONMENTAL SCIENTISTS

Sent via Email to [TGood@coopercity.gov](mailto:TGood@coopercity.gov)

February 24, 2023

Thomas Good  
Director of Public Works  
City of Cooper City  
9070 Southwest 51<sup>st</sup> Street  
Cooper City, FL 33328-4227

Dear Mr. Good,

We understand that the City of Cooper City has requested traffic engineering services related to preparation of a citywide traffic calming study. The Corradino Group will provide the attached scope of services related to this task work order assignment for the lump sum fee of \$125,000.00.

The Corradino Group appreciates this opportunity to submit this proposal to the City of Cooper City. We look forward to assisting you with this project and providing the City with the best traffic engineering consultant services possible.

Sincerely,



Joseph M. Corradino, AICP  
President  
The Corradino Group, Inc.

## CONSULTING SERVICE AUTHORIZATION

### Statement of Work (SOW)

CITY P.O. NO. \_\_\_\_\_

CITY EXPENSE CODE \_\_\_\_\_

TITLE: Traffic Engineering Services- Citywide Traffic Calming Study

#### I. PROJECT DESCRIPTION:

The Consultant will provide traffic engineering services related to the preparation of a citywide traffic calming study. The project limits of the citywide traffic calming study is within the City of Cooper City municipal limits. The traffic analysis and study will be limited to public right-of-way roadway corridors.

#### II. SCOPE OF SERVICES:

##### **Task 1.0: Traffic Data Collection**

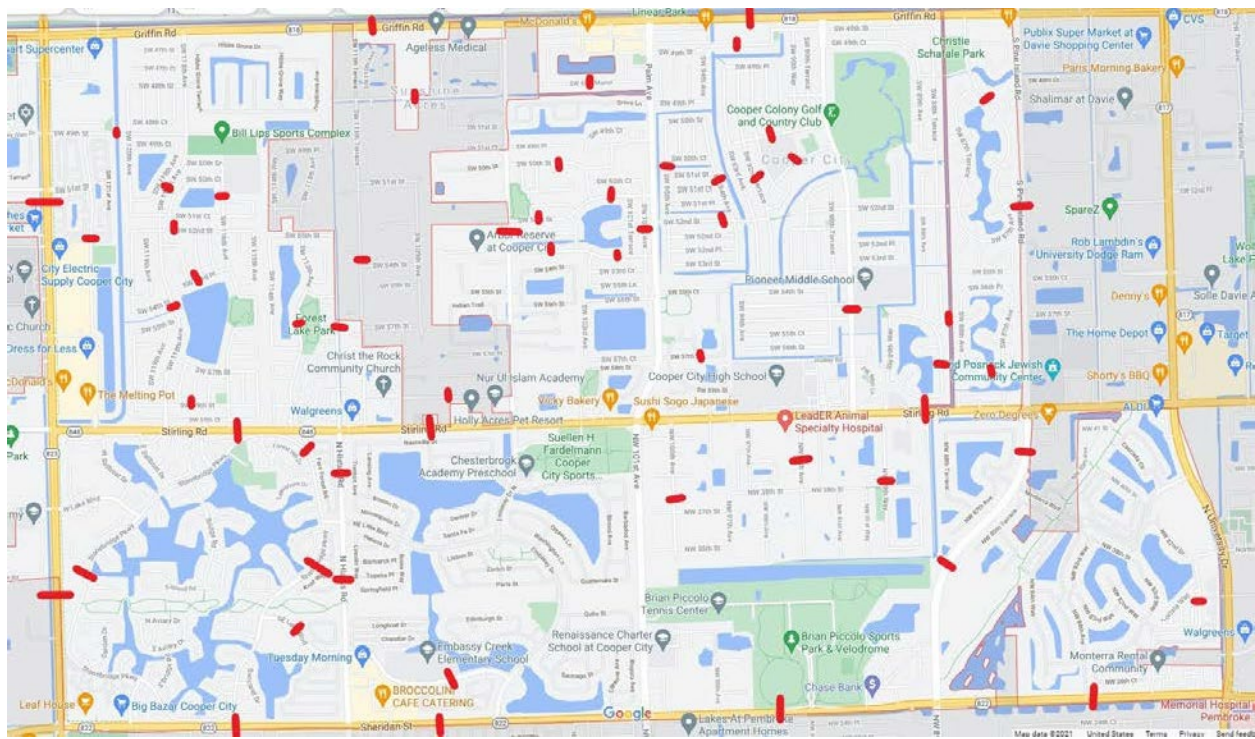
The Consultant will collect 72-hour bi-directional speed/volume tube counts at the following sixty (60) local road segments within the City of Cooper City, Florida. The tube counts will be placed on a Tuesday through Thursday in a normal week (not during a holiday, summer break from school or special event). The final traffic count locations will be approved by the City of Cooper City prior to deployment of the traffic data collection devices.

- SW 111<sup>th</sup> Terrace- Stirling Road to SW 48<sup>th</sup> Street
- SW 49<sup>th</sup> Street- Flamingo Road to SW 118<sup>th</sup> Avenue
- SW 118<sup>th</sup> Avenue- Griffin Road to SW 49<sup>th</sup> Street
- SW 118<sup>th</sup> Avenue- SW 49<sup>th</sup> Street to SW 52<sup>nd</sup> Street
- SW 118<sup>th</sup> Avenue- SW 52<sup>nd</sup> Street to Stirling Road
- SW 122<sup>nd</sup> Avenue- SW 49<sup>th</sup> Street to SW 55<sup>th</sup> Street
- SW 116<sup>th</sup> Avenue- SW 50<sup>th</sup> Street to SW 52<sup>nd</sup> Street
- SW 53<sup>rd</sup> Place- SW 116<sup>th</sup> Avenue to SW 118<sup>th</sup> Avenue
- SW 52<sup>nd</sup> Street- SW 116<sup>th</sup> Avenue to SW 120<sup>th</sup> Avenue
- SW 59<sup>th</sup> Street- SW 116<sup>th</sup> Avenue to SW 118<sup>th</sup> Avenue
- SW 48<sup>th</sup> Street- Hiatus Road to SW 106<sup>th</sup> Avenue
- SW 113<sup>th</sup> Avenue- Stirling Road to SW 55<sup>th</sup> Street
- Hiatus Road- Stirling Road to SW 55<sup>th</sup> Street
- Hiatus Road- Sheridan Street to NE Lake Blvd
- Hiatus Road- NE Lake Blvd to Stirling Road
- SW 59<sup>th</sup> Street- SW 110<sup>th</sup> Avenue to SW 106<sup>th</sup> Avenue
- SW 106<sup>th</sup> Avenue- Stirling Road to Griffin Road

- SW 49<sup>th</sup> Manor- SW 104<sup>th</sup> Avenue to SW 101<sup>st</sup> Avenue
- SW 50<sup>th</sup> Street- SW 106<sup>th</sup> Avenue to SW 102<sup>nd</sup> Avenue
- SW 51<sup>st</sup> Street- SW 106<sup>th</sup> Avenue to SW 104<sup>th</sup> Avenue
- SW 51<sup>st</sup> Street- SW 104<sup>th</sup> Avenue to SW 101<sup>st</sup> Avenue
- SW 53<sup>rd</sup> Street- SW 106<sup>th</sup> Avenue to SW 103<sup>rd</sup> Avenue
- SW 53<sup>rd</sup> Street- SW 103<sup>rd</sup> Avenue to Palm Avenue
- SW 101<sup>st</sup> Avenue- SW 53<sup>rd</sup> Street to SW 51<sup>st</sup> Street
- SW 57<sup>th</sup> Street- Palm Avenue to SW 97<sup>th</sup> Terrace
- SW 95<sup>th</sup> Avenue- SW 50<sup>th</sup> Street to SW 52<sup>nd</sup> Street
- SW 94<sup>th</sup> Avenue- SW 50<sup>th</sup> Street to SW 52<sup>nd</sup> Street
- SW 49<sup>th</sup> Street- Palm Avenue to SW 95<sup>th</sup> Avenue
- SW 52<sup>nd</sup> Street- Palm Avenue to SW 92<sup>nd</sup> Terrace
- SW 92<sup>nd</sup> Terrace- SW 52<sup>nd</sup> Street to SW 50<sup>th</sup> Place
- SW 50<sup>th</sup> Place- SW 92<sup>nd</sup> Terrace to SW 90<sup>th</sup> Avenue
- SW 51<sup>st</sup> Street- SW 92<sup>nd</sup> Terrace to SW 90<sup>th</sup> Avenue
- SW 90<sup>th</sup> Avenue- Griffin Road to Stirling Road
- SW 88<sup>th</sup> Terrace- SW 59<sup>th</sup> Street to SW 57<sup>th</sup> Street
- SW 57<sup>th</sup> Street- SW 88<sup>th</sup> Terrace to SW 88<sup>th</sup> Avenue
- SW 58<sup>th</sup> Street- SW 57<sup>th</sup> Street to Pine Island Road
- SW 87<sup>th</sup> Avenue- SW 51<sup>st</sup> Court to Griffin Road
- Solano Avenue- NW 33<sup>rd</sup> Street to Sheridan Street
- NW 100<sup>th</sup> Avenue- NW 35<sup>th</sup> Street to Stirling Road
- NW 94<sup>th</sup> Avenue- NW 38<sup>th</sup> Street to Stirling Road
- NW 89<sup>th</sup> Way- NW 34<sup>th</sup> Street to NW 41<sup>st</sup> Street
- SE Lake Blvd- Embassy Drive to Hiatus Road
- SE Lake Blvd- Hiatus Road to Stonebridge Parkway
- Stonebridge Parkway- W Lake Blvd. to NE Lake Blvd.
- Stonebridge Parkway- NE Lake Blvd. to SE Lake Blvd.
- Stonebridge Parkway- SE Lake Blvd. to W Lake Blvd.
- Griffin Road- Flamingo Road to Palm Avenue
- Griffin Road- Palm Avenue to Pine Island Road
- Pine Island Road- Griffin Road to Stirling Road
- Pine Island Road- Monterra Blvd to Sheridan Street
- Pine Island Road- Stirling Road to Monterra Blvd
- Sheridan Street- Pine Island Road to University Drive
- Sheridan Street- Palm Avenue to Pine Island Road
- Sheridan Street- Hiatus Road to Palm Avenue
- Sheridan Street- Hiatus Road to Flamingo Road
- Stirling Road- Palm Avenue to Pine Island Road

- Stirling Road- Hiatus Road to Palm Avenue
- Stirling Road- Hiatus Road to Flamingo Road
- Flamingo Road- Sheridan Street to Stirling Road
- Flamingo Road- Stirling Road to Griffin Road

These tentative traffic count locations have been depicted in on the below figure 1.



**Figure 1 72-Hour Bi-directional Traffic Count Locations**

### **Task 2.0: Traffic Analysis**

The Consultant will complete a speed evaluation of the local road segment traffic count locations. The Consultant will analyze the speed and traffic volume data and provide the 85th percentile travel speeds for each road segment. This traffic information will be summarized in tables and graphs as necessary for each road segment. The Consultant will provide a narrative for each road segment that provides details regarding the ownership, maintenance responsibility, roadway characteristics (number of lanes, speed limit, lane widths, traffic control, etc.).

### **Task 3.0: Technical Memorandum**

The Consultant will summarize the traffic data collection and traffic analysis in a traffic calming technical memorandum that will be signed and sealed by a Florida registered professional engineer. The Consultant will make a recommendation regarding altering any of the posted speed limits at each of the local road segments based on the engineering and traffic investigation per Florida Statute 316.189 and the Florida Department of Transportation (FDOT) Speed Zoning for Highways, Roads and Streets in Florida Manual.

The traffic calming technical memorandum will provide recommendations for potential traffic calming measures for the road segments with an 85<sup>th</sup> percentile speed that exceeds 4 miles per hour over the posted speed limit. These projects will be summarized into a potential future capital improvement project list for City implementation. These improvements will be separated into short term, midterm and long-term improvements. The traffic calming study will be submitted to the City of Cooper City for review and approval.

#### **Task 4.0: Citywide Traffic Calming Study Agency Review/Revision**

This scope of services includes the initial traffic analysis and technical memorandum submittal plus one revision based on a set of comprehensive traffic review comments by the City. Any additional revisions will be performed as part of an additional service agreement.

The following are additional basis of scope for this task work order authorization.

- Note: The City of Cooper City will approve the traffic count locations prior to deployment of the traffic data collection devices.
- Note: This scope of services includes general coordination and miscellaneous meeting attendance with the City of Cooper City. This scope of services includes presentation at one City of Cooper City Commission meeting to summarize the results of the traffic calming study.
- Note: If modifications to the traffic calming study is required due to changes in the traffic study methodology, an additional service agreement will be prepared for these additional services.
- Note: This scope of services does not include preparation of design plans and permitting for recommended traffic calming improvements. These services can be provided as an additional service as requested.
- Note: This scope of services does not include preparation of grant applications for the Broward Mobility Advancement Program (MAP), Broward MPO Complete Streets and other Localized Initiative Program or other local and federal grant programs. These services can be provided as an additional service agreement as requested.
- Note: This scope of services does not include preparation of traffic calming permit packages and/or surveys required by the City of Cooper City for the public outreach and approval of the local neighborhood associations impacted by potential traffic calming infrastructure. These services can be provided as an additional service agreement as requested by the client.

### **III. BUDGET:**

The Corradino Group staff will provide to the City of Cooper City the basic services described in this scope of services for the lump sum fee of \$125,000.00.

If you should like to proceed with this task work order, please sign below and return to The Corradino Group.

**Re: Scope of Services for Traffic Engineering Services – Citywide Traffic Calming Study**

*Approved by:*

**CITY OF COOPER CITY**

Date: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_


Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

**THE CORRADINO GROUP, INC.**

Date: February 24, 2023

By: \_\_\_\_\_

  
**Joseph M. Corradino, AICP, President**