

**WORK ORDER No. 2 FOR PROFESSIONAL SERVICES**

TO: The Corradino Group  
4055 N.W. 97<sup>th</sup> Avenue, Suite 200  
Doral, Florida 33178  
(305) 594-0735

DATE: December 8, 2021

The City of Doral authorizes the firm of The Corradino Group to provide professional engineering services to perform the Section 8 Traffic Calming Study. Where The Corradino Group is a prequalified provider of professional engineering services selected in accordance with Consultant Competitive Negotiation Act (CCNA) requirements and approved by the City Council in October 2020 through Resolution 20-243. The work should be performed in accordance with the contract provisions contained in the Continuing Professional Services Agreement between The Corradino Group and the City of Doral dated January 4, 2020 and the attached Proposal dated November 16, 2021 and submitted by your firm for the above referenced project.

**SCOPE OF SERVICES AND SCHEDULE:**

The scope of the project will be as described in the attached proposal from The Corradino Group dated November 16, 2021. The schedule requires the draft report to be completed 120 days after NTP. All limitations of time set forth in this Work Order are of the essence. The performance of services associated with this Work Order will be executed on a time and material basis not to exceed the amount of \$58,680.00.

You are required by the Continuing Service Agreement to begin work subsequent to the execution of this Work Order, or as directed otherwise. If you fail to begin work subsequent to the execution of this Work Order, the City of Doral will be entitled to disqualify the Proposal and revoke the award.

Work Order incorporates the terms and conditions set forth in the Continuing Services Agreement dated January 1, 2020 between the parties as though fully set forth herein. In the event that any terms or conditions of this Work Order conflict with the Continuing Services Agreement, the provisions of this specific Work Order shall prevail and apply. Work Order is not binding until the City of Doral agrees and approves this Work Order.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement on the day and date first above written, in three (3) counterparts, each of which shall, without proof or accounting for the other counterpart be deemed an original Contract.

CONSULTANT: The Corradino Group

BY: [Signature]  
NAME: Joseph M. Corradino, AICP  
TITLE: President

WITNESSES: SEAL:

1. [Signature]  
2. [Signature]



OWNER: City of Doral

BY: [Signature]  
NAME: Hernan M. Organvidez  
TITLE: Interim City Manager

AUTHENTICATION: [Signature]  
BY: [Signature]  
NAME: Connie Diaz  
TITLE: City Clerk

APPROVED AS TO FORM AND LEGAL SUFFICIENCY FOR THE SOLE USE OF THE CITY OF DORAL:

BY: [Signature]  
NAME: Luis Figueredo, Esq  
TITLE: City Attorney

# THE CORRADINO GROUP, INC.

CORRADINO

ENGINEERS • PLANNERS • PROGRAM MANAGERS • ENVIRONMENTAL SCIENTISTS

Sent via Email to [Rita.Carbonell@cityofdoral.com](mailto:Rita.Carbonell@cityofdoral.com)

November 16, 2021

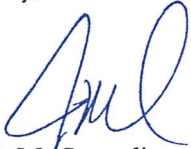
Rita Carbonell, PE  
Assistant Director of Public Works  
City of Doral  
8401 NW 53<sup>rd</sup> Terrace, 2<sup>nd</sup> Floor  
Doral, FL. 33166

Dear Ms. Carbonell,

The Corradino Group, Inc. (Consultant) understand that the City of Doral (Client) has requested traffic engineering services related to the preparation of a traffic calming study for the area bound by NW 90<sup>th</sup> Street to the North, NW 97<sup>th</sup> Avenue to the East, NW 74<sup>th</sup> Street to the South and NW 107<sup>th</sup> Avenue to the West (alternatively referred to within our scope of services as Section 8). The Corradino Group (Corradino) will provide the attached scope of services related to this task work order assignment for a time and materials not to exceed fee of \$58,680.00.

The Corradino Group appreciates this opportunity to submit this proposal to the City of Doral (City). We look forward to assisting you in providing the best traffic engineering consultant services possible to the City.

Sincerely,



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

## CONSULTING SERVICE AUTHORIZATION

DATE: November 16, 2021

### Statement of Work (SOW)

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

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

**TITLE: Traffic Engineering Services- City of Doral Traffic Calming Study**

#### **I. PROJECT DESCRIPTION:**

The Corradino Group (Consultant) will provide traffic engineering services to The City of Doral (Client) related to the preparation of a traffic calming study. The study will cover the Section 8 area bound by NW 90<sup>th</sup> Street to the North, NW 97<sup>th</sup> Avenue to the East, NW 74<sup>th</sup> Street to the South, and NW 107<sup>th</sup> Avenue to the West. The intent of the traffic calming study is to provide recommendations for traffic calming devices that will potentially improve speeding concerns and related problems identified by the subject neighborhood.

It is assumed that the problems are cut-thru traffic and speeding; therefore, those issues will be focused on using the criteria outlined in the Miami-Dade County Street Closure and Traffic Flow Modification Manual. The traffic analysis and study will be limited to the City of Doral public right-of-way roadway corridors.

#### **II. SCOPE OF SERVICES:**

This task work order proposal will include the following tasks:

1. Initial Public Outreach Kickoff Meeting
2. Traffic Data Collection
3. Traffic Analysis
4. Traffic Calming Improvement Plan
5. Final Public Outreach Meeting and Presentation
6. Traffic Calming Technical Memorandum
7. Intergovernmental Agency Coordination and Revisions

#### **Task 1.0: Initial Public Outreach Kickoff Meeting**

The Consultant will attend a project kickoff meeting with neighborhood residents to provide the residents an opportunity to identify the existing traffic issues within the study area. Residents will also provide direction for the study's focus, including which road segments to analyze. A brief presentation will explain the project intent, a summary of the preliminary traffic data collection from March of 2021, and a discussion of the overall process. Once the



public outreach kickoff meeting has been held, the final scope of services, traffic data collection locations, the traffic analysis focus areas, technical memorandum, and intergovernmental coordination will be finalized and approved. At which time, a schedule and timeline will be established.

**Task 2.0: Traffic Data Collection**

The Consultant will collect seven-day bi-directional speed, and volume tube counts at up to twenty (20) local road segment locations within the Section 8 neighborhood project limits in the City of Doral, Florida. The tube counts will be placed from a Sunday through Saturday in a typical week (not during a holiday, summer break from school, or special event). The City will approve the final traffic count locations prior to deployment of the traffic data collection devices.

The traffic count locations will be determined after the initial public outreach meeting is held with the neighborhood. The recent preliminary traffic data collection from March of 2021 in the Section 8 neighborhood will be reviewed as further documentation. The traffic count locations from this preliminary traffic data collection are depicted in Figure 1 below.

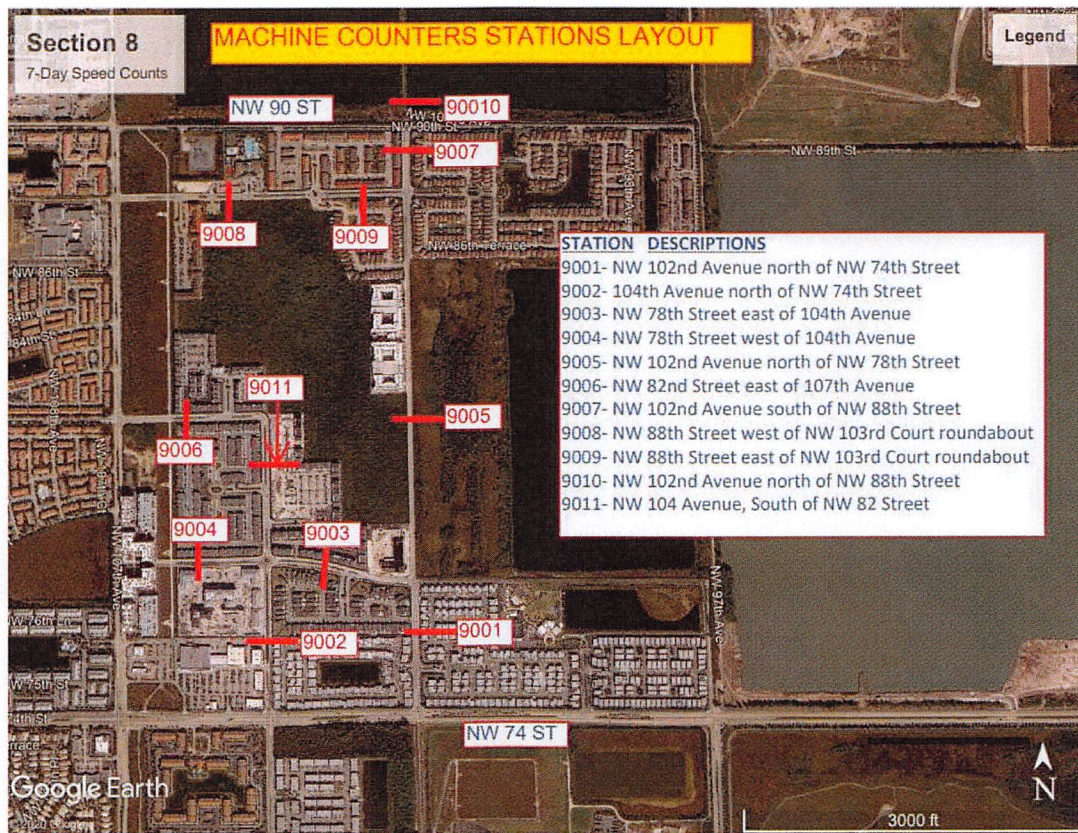


Figure 1 Preliminary Section 8 Bi-directional Traffic Count Locations

**Task 3.0: 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, and traffic control).

The Consultant will research the most recent crash history using Signal Four Analytics along the subject road segments selected within the project limits. Signal Four Analytics will be used to determine the number of crashes that have occurred on these road segments and intersection approaches. The Consultant will summarize the predominant crash patterns from the researched crash data. The Consultant will provide a crash summary and heat map from Signal Four Analytics which documents the locations of each of the identified crashes within the most recent three-year period.

**Task 4.0: Traffic Calming Improvement Plan**

To appropriately justify traffic calming, a traffic volume threshold and one of 6 other criteria must be met (according to the Miami-Dade County Street Closure and Traffic Flow Modification Manual). The analysis of the data will be used to justify devices (see Figure 2).

Must meet the first criteria and at least one of the remaining criteria in order for the Public Works Department to consider traffic calming measures:		
Criterion	Residential Local Streets	Residential Collector Streets
Minimum Traffic Volume	>1,500 VPD <3000***	>3,000 VPD <8,000***
	>150 VPH <300***	>300 VPH <800
85th Percentile Speed+	10 MPH> Speed Limit	10 MPH> Speed Limit
Correctable Accidents per year	>3 per year	>6 per year
Cut Through Traffic during the a.m. or p.m. peak hour	>25%	>50%
Pedestrian Crossing Volume during the a.m. or p.m. peak hour	>25	>50
Concurrence from affected residents/property owners.*	2/3 of returned ballots**	2/3 of returned ballots **

Figure 2 Miami Dade County Street Closure and Traffic Flow Modification Manual Policy Criteria

For each location requiring a traffic-calming device, Corradino will explain the rationale for selecting the recommended device along with a conceptual design map of the neighborhoods and locations of the devices. This will be presented in text, tabular form, and on a map. Each recommended device will come with an opinion of the probable cost of design and construction.

**Task 5.0: Final Public Outreach Meeting and Presentation**

The Consultant will attend a follow-up presentation with the neighborhood residents and key stakeholders to present the traffic analysis results and the draft traffic calming improvement plan recommendations. The presentation will explain the process followed, the results of the traffic analysis, and the anticipated future costs for the proposed traffic calming improvements.

**Task 6.0: Traffic Calming Technical Memorandum**

The Consultant will summarize the traffic data collection, traffic analysis, traffic calming improvement plan, and relevant feedback from the public outreach meetings in a traffic calming technical memorandum. This will be signed and sealed by a Florida-registered professional engineer. The Consultant will provide traffic calming recommendations for traffic calming improvements where warranted based on the Miami-Dade County Street Closure and Traffic Flow Modification Manual.

**Task 7.0: Intergovernmental Coordination and Agency Revisions**

The traffic calming study will be submitted to the City of Doral for review and approval. The Consultant will update the technical memorandum based on the initial comprehensive set of review comments. 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 bases of scope for this task work order authorization.

- Note: The City of Doral will approve the traffic count locations prior to deployment of the traffic data collection devices (up to 20 locations).
- Note: This scope of services includes general coordination and miscellaneous meeting attendance with the City of Doral. This scope of services includes one presentation at the City Council meeting to summarize the results of the traffic calming study.
- 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 traffic calming permit packages and/or surveys required by the City of Doral for the implementation of the traffic calming improvements. These services can be provided as an additional service agreement as requested by the client.

**III. BUDGET:**

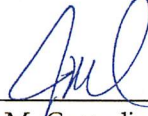
The Corradino Group staff will provide to the City of Doral the basic services described in this scope of services for a time and materials not to exceed budget of \$58,680.00.

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

**Traffic Engineering Services- City of Doral Traffic Calming Study dated November 16, 2021**

Agreement Submitted By:

**THE CORRADINO GROUP, INC.**



\_\_\_\_\_  
Joseph M. Corradino, AICP

DATE

\_\_\_\_\_  
November 16, 2021

Agreed To By:

**THE CITY OF DORAL**

\_\_\_\_\_  
Rita Carbonell, PE

DATE

\_\_\_\_\_



Doral Traffic Calming Study		City of Doral												
Task Work Order Activity	Project Manager \$180.00		Principal Engineer \$205.00		Senior Engineer \$160.00		Sr Urban Designer \$175.00		Land Planner \$125.00		Data Collection \$675.00		Total Hours	Total Fee
	Hours	Total Fee	Hours	Total Fee	Hours	Total Fee	Hours	Total Fee	Hours	Total Fee	Quantity	Total Fee		
Task 1: Initial Public Outreach Kickoff Meeting	6	\$ 1,080.00	6	\$1,230.00			6	\$1,050.00					18	\$3,360.00
Task 2: Traffic Data Collection	2	\$ 360.00	0	\$0.00	2	\$320.00					20	\$13,500.00	6	\$14,180.00
Task 3: Traffic Analysis	24	\$ 4,320.00	4	\$820.00	40	\$6,400.00	24	\$4,200.00					92	\$15,740.00
Task 4: Traffic Calming Improvement Plan	16	\$ 2,880.00	4	\$820.00	16	\$2,560.00	8	\$1,400.00					44	\$7,660.00
Task 5: Final Public Outreach Meeting and Presentation	8	\$ 1,440.00	8	\$1,640.00			6	\$1,050.00					22	\$4,130.00
Task 6: Traffic Calming Technical Memorandum	16	\$ 2,880.00	4	\$820.00	20	\$3,200.00	8	\$1,400.00					48	\$8,300.00
Task 7: Intergovernmental Agency Coordination and Revisions	12	\$ 2,160.00	6	\$1,230.00	12	\$1,920.00							30	\$5,310.00
Task Work Order Totals	84	\$15,120.00	32	\$6,560.00	90	\$14,400.00	52	\$9,100.00	0	\$0.00	20	\$13,500.00	260	\$58,680.00



**RESOLUTION No. 21-283**

**A RESOLUTION OF THE MAYOR AND THE CITY COUNCIL OF THE CITY OF DORAL, FLORIDA, APPROVING A WORK ORDER WITH THE CORRADINO GROUP TO PROCEED WITH THE SECTION 8 TRAFFIC CALMING STUDY IN AN AMOUNT NOT TO EXCEED \$58,680.00; RECOGNIZING THAT THE CORRADINO GROUP IS A CITY OF DORAL PRE-QUALIFIED VENDOR; AUTHORIZING THE CITY MANAGER TO EXECUTE THE WORK ORDER AND EXPEND BUDGETED FUNDS ON BEHALF OF THE CITY; PROVIDING FOR IMPLEMENTATION; AND PROVIDING FOR AN EFFECTIVE DATE**

**WHEREAS**, the Public Works Department (PWD) has received numerous speeding concerns within the recently developed area in the vicinity of the City's Section 8, which is the area bound by NW 90<sup>th</sup> Street to the North, NW 97<sup>th</sup> Avenue to the East, NW 74<sup>th</sup> Street to the South, and NW 107<sup>th</sup> Avenue to the West, and

**WHEREAS**, the PWD conducted a preliminary traffic data collection effort on March of 2021 on eleven (11) roadway segments within the one-square mile area; and

**WHEREAS**, this preliminary data collection was performed for a consecutive seven (7) day period and it was determined that speeding was a concern on numerous segments; and

**WHEREAS**, the Public Works Department budgeted on Fiscal Year 2021-22 the necessary funds to conduct a detailed traffic calming study of the area; and

**WHEREAS**, the PWD requested a proposal from The Corradino Group to perform the Section 8 Traffic Calming Study in order to provide recommendations for traffic calming devices that will potentially improve speeding concerns and related problems identified by the subject neighborhood; and

**WHEREAS**, Staff respectfully requests that the Mayor and City Councilmembers approve Work Order No. 2 with The Corradino Group to proceed with Section 8 Traffic Calming Study in an amount not exceed \$58,680.00; and

**WHEREAS**, funds for this request were budgeted in the Fiscal Year 2021-22 in the Transportation Fund – “Professional Services” Account, Account Num. 101.80005.500310.

**NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND THE CITY COUNCIL OF THE CITY OF DORAL AS FOLLOWS:**

**Section 1. Recitals.** The above recitals are confirmed, adopted, and incorporated herein and made part hereof by this reference.

**Section 2. Approval.** The Work Order between the City of Doral and The Corradino Group to complete the Section 8 Traffic Calming Study; in an amount not to exceed \$58,680.00, a copy which is attached hereto as Exhibit “A”, is hereby approved.

**Section 3. Authorization.** The City Manager is authorized to execute the work order and expend budgeted funds on the behalf of the City.

**Section 4. Implementation.** The City Manager and the City Attorney are hereby authorized to take such further action as may be necessary to implement the purpose and the provisions of this Resolution.

**Section 5. Effective Date.** This Resolution shall take effect immediately upon adoption.

The foregoing Resolution was offered by Councilmember Mariaca who moved its adoption. The motion was seconded by Vice Mayor Cabral and upon being put to a vote, the vote was as follows:

Mayor Juan Carlos Bermudez	Yes
Vice Mayor Digna Cabral	Yes
Councilman Pete Cabrera	Yes
Councilwoman Claudia Mariaca	Yes
Councilman Oscar Puig-Corve	Yes

PASSED AND ADOPTED this 8 day of December, 2021.

  
\_\_\_\_\_  
JUAN CARLOS BERMUDEZ, MAYOR

ATTEST:

  
\_\_\_\_\_  
CONNIE DIAZ, MMC  
CITY CLERK

APPROVED AS TO FORM AND LEGAL SUFFICIENCY  
FOR THE USE AND RELIANCE OF THE CITY OF DORAL ONLY:

  
\_\_\_\_\_  
LUIS FIGUEREDO, ESQ.  
CITY ATTORNEY