

WORK ORDER No. 17 FOR PROFESSIONAL SERVICES

TO: A&P Consulting Transportation Engineers
8935 NW 35 Lane, Suite 200
Doral, Florida 33172
(305) 592-7283

DATE: January 13, 2021

The City of Doral authorizes the firm of A&P Consulting Transportation Engineers to provide professional engineering services for the completion of the Landmark Traffic Calming Study. The work should be performed in accordance with the contract provisions contained in the Continuing Professional Services Agreement between A&P Consulting Transportation Engineers and the City of Doral dated January 30, 2018, and the attached Proposal submitted by your firm for the above referenced project.

SCOPE OF SERVICES AND SCHEDULE:

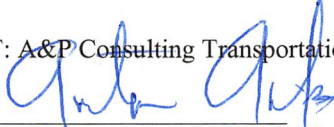
The scope of the project will be as described in the attached proposal from A&P Consultant Transportation Engineers dated December 2, 2020 for the development of the ordinance and criteria. The schedule requires the draft report to be completed within 180 calendar days of the notice to proceed. All limitations 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 Materials basis with a not to exceed amount of \$33,126.00.

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 30, 2018 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.

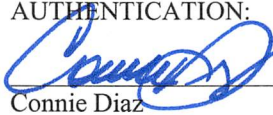
CONSULTANT: A&P Consulting Transportation Engineers

BY: 
NAME: Antonio G. Acosta
TITLE: President

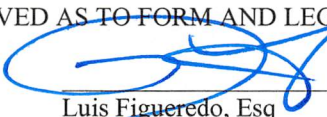
WITNESSES: SEAL: 

1. 
2. 

OWNER: City of Doral
BY: 
NAME: Albert P. Childress
TITLE: City Manager

AUTHENTICATION:
BY: 
NAME: Connie Diaz
TITLE: City Clerk

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

BY: 
NAME: Luis Figueredo, Esq
TITLE: City Attorney

RESOLUTION No. 21-26

A RESOLUTION OF THE MAYOR AND THE CITY COUNCIL OF THE CITY OF DORAL, FLORIDA, APPROVING A WORK ORDER BETWEEN THE CITY OF DORAL AND AP CONSULTING TRANSPORTATION ENGINEERS (APCTE) TO PROCEED WITH THE LANDMARK TRAFFIC CALMING STUDY IN AN AMOUNT NOT TO EXCEED \$33,126.00; RECOGNIZING THAT APCTE 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; AND PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, in May 2019 the Public Works Department (PWD) conducted 7-days of traffic speed data collection after receiving speeding concerns within the Landmark Community; and

WHEREAS, the May 2019 data collection revealed the only one segment experienced slight speeding, however at the time of speed counts were collected the buildings adjacent to this roadway segment were under construction; and

WHEREAS, the speed data would need to be recollected after the building construction is completed to account for normalized traffic patterns; and

WHEREAS, in September 2020 the PWD received additional concerns regarding speeding within the Landmark Community and the City received requests for the installation of traffic calming improvements; and

WHEREAS, the PWD requested a proposal A&P Consulting Transportation Engineers (APTCE) to complete a Traffic Calming Study for the Landmark Community, including revised data collection, public meetings, coordination with Miami-Dade County, as well as an assessment of the two (2) pedestrians/bicycle shared use path

crossings located at NW 66th Street east of NW 107th Avenue and at NW 62nd Street east of NW 107th Avenue; and

WHEREAS, APTCE is a prequalified provider of professional engineering services selected via RFQ 2017-21 and in accordance with Consultant Competitive Negotiation Act (CCNA) requirements and approved by the City Council in November 2017 through Resolution 17-202; and

WHEREAS, Staff respectfully requests that the Mayor and City Council to approve the Work Order with APTCE to proceed with the Landmark Traffic Calming Study in an amount not exceed \$33,126.00; and

WHEREAS, funds for this request are budgeted in the Fiscal Year 2020-21 in the Transportation Fund – “Professional Services” Account, Account Num. 101.80005.500310.

NOW, THEREFORE, BE IT RESOLVED BY 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 A&P Consulting Transportation Engineers (APCTE) to complete the Landmark Traffic Calming Study; in an amount not to exceed \$33,126.00, 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 Councilmember Puig-Corve and upon being put to a vote, the vote was as follows:

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

PASSED AND ADOPTED this 13 day of January, 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

EXHIBIT "A"

Consultant: A&P Consulting Transportation Engineers

Date: 12/02/2020

Project Name: Traffic Calming Study – NW 66th Street between NW 102nd Avenue and NW 107th Avenue

Background

The City of Doral Public Works Department has received a request from residents of Landmark Community located at 6500 NW 105th Ct, Doral, FL 33178 to install traffic calming devices to slow down vehicles along NW 66th Street between NW 102nd Avenue and NW 107th Avenue. The residents have expressed concerns with high vehicle speeds along this road and the proximity of on-street parking and residences entrance to the street. The City has also received a request to increase pedestrians/bicyclists' safety at two crossings located at NW 62nd Street and NW 66th Street along the existing shared-use path.

The City has retained A&P Consulting Transportation Engineers to investigate whether traffic calming devices are warranted and if so, which device would be appropriate for the current roadway conditions. A&P will also assess pedestrian/bicycle's safety and operation of the two crossings along the shared-used path and will provide recommendations for safety enhancement.

Scope of Services

The scope of services for this effort includes the necessary tasks to evaluate the need and proper implementation of traffic calming devices based on Miami Dade County Policy on Traffic Calming Measures and City of Doral Traffic Calming Criteria. The latter is focused on pedestrian safety and provides a more flexible approach based on the context of the road.

Task 1: Data Gathering

The Consultant will obtain City of Doral Traffic Calming Criteria, Intergovernmental Agency Agreement (between Miami-Dade County and City of Doral) to Perform Traffic Engineering Functions, previous traffic speed data collected in May 2019 along NW 66th street, and available roadway, signing and pavement markings plans.

Task 2: Traffic Data Collection

The Consultant will perform 72-hour bi-directional counts and spot speed studies along the following roadway links:

1. NW 66th Street from NW 102nd Avenue to NW 107th Avenue
2. NW 104th Avenue from NW 66th Street to NW 74th Street
3. NW 104th Path from NW 62nd Street to NW 66th Street
4. NW 62nd Street from NW 107th Avenue to NW 104th Path

The Consultant shall also perform 12-hour pedestrian counts for three consecutive typical days at the intersection of NW 66th Street at NW 104th Avenue.

As part of this task, the consultant will retrieve the crash data for NW 66th Street for the last three years from Signal Four Analytics and review the crash police reports to determine the number of preventable crashes (speed related) per year.

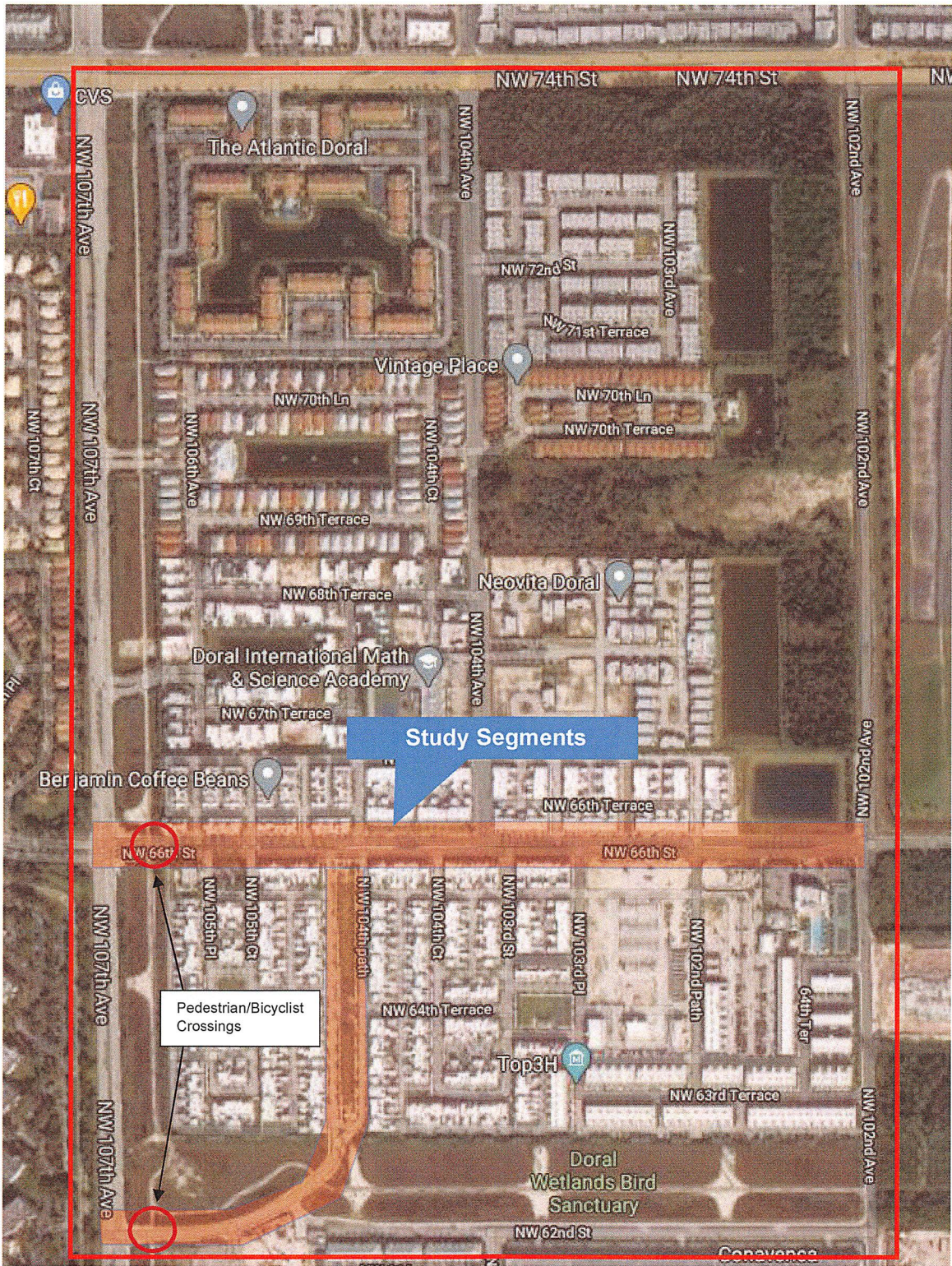


Figure 1. Study Area

Task 3: Field Reviews

The Consultant will perform field reviews of NW 66th Street and NW 104th Avenue during the AM and PM peak traffic periods and during the hour of highest frequency of crashes to assess traffic operations and pedestrian safety.

The consultant will also perform a field review on a typical weekday and on a Saturday from 11:00 am to 12:00 pm at the two existing crossings along the shared-use path located at 62nd Street and 66th Street to assess pedestrians/bicyclists' safety.

Task 4: Traffic Operations Evaluation

The Consultant shall perform an evaluation of the need for traffic calming measures based on the Miami-Dade County Criteria as well as City of Doral Traffic Calming Criteria. The evaluation will also include an assessment of site conditions and data collection to determine the appropriate traffic calming device(s) and their location.

Task 5: Technical Memorandum

The Consultant shall document tasks 1 through 4 in technical memorandum format.

Task 6: Study Presentation

The Consultant will prepare a PowerPoint Presentation and necessary materials to present the study to the public and City Council.

Task 7: Public Workshops

The Consultant shall attend two (2) public workshops to present study findings and recommendations to the public.

Task 8: Meeting with Miami-Dade County Traffic Engineering Division

The Consultant will present the study findings and recommendations to Miami-Dade County Traffic Engineering Division for concurrence on proposed recommendations. This task includes two (2) coordination meetings.

Task 9: Presentation to City Council

The Consultant will present the study findings and recommendations to the City Council for review and approval.

ACTIVITY	SUMMARY FEE SHEET													TOTAL HOURS	TOTAL DOLLARS
	PROJECT MANAGER		PRINCIPAL ENGINEER		SENIOR ENGINEER		PROJECT ENGINEER		ENGINEERING TECHNICIAN		CLERICAL				
	Man-Hour	Hourly Rate	Man-Hour	Hourly	Man-Hour	Hourly	Man-Hour	Hourly Rate	Man-Hour	Hourly Rate	Man-Hour	Hourly Rate			
Project Management	8	\$195.00		\$200.00		\$146.00		\$137.00		\$85.00		\$55.00	8	\$1,560.00	
Task 1: Data Gathering and Review		\$195.00		\$200.00		\$146.00	2	\$137.00		\$85.00		\$55.00	2	\$274.00	
Task 2: Traffic Data Collection		\$195.00		\$200.00		\$146.00		\$137.00		\$85.00		\$55.00	0	\$0.00	
72-Hour Approach Counts	1	\$195.00		\$200.00	2	\$146.00		\$137.00	32	\$85.00		\$55.00	35	\$3,207.00	
12-Hour Pedestrian Counts (Three days)	3	\$195.00		\$200.00	6	\$146.00		\$137.00	21	\$85.00		\$55.00	30	\$3,246.00	
Spot speed Study (Four Locations)	1	\$195.00		\$200.00	1	\$146.00	6	\$137.00	24	\$85.00		\$55.00	32	\$3,203.00	
Crash Data Review		\$195.00		\$200.00		\$146.00	8	\$137.00	2	\$85.00		\$55.00	10	\$1,266.00	
Task 3: Field Reviews		\$195.00		\$200.00	10	\$146.00		\$137.00		\$85.00		\$55.00	10	\$1,460.00	
Task 4: Traffic Calming Evaluation and Operation and Safety Evaluation of Crossings		\$195.00		\$200.00	10	\$146.00	24	\$137.00		\$85.00		\$55.00	34	\$4,748.00	
Task 5: Technical Memorandum		\$195.00		\$200.00	20	\$146.00	40	\$137.00		\$85.00		\$55.00	60	\$8,400.00	
Task 6: Prepare Presentation		\$195.00		\$200.00	2	\$146.00		\$137.00	8	\$85.00		\$55.00	10	\$972.00	
Task 7: Public Workshops	6	\$195.00		\$201.00		\$147.00		\$138.00	6	\$86.00		\$56.00	12	\$1,686.00	
Task 8: Meetings with MDC Traffic Engineering Division	4	\$195.00		\$200.00		\$146.00	4	\$137.00		\$85.00		\$55.00	8	\$1,328.00	
Task 9: Presentation to City Council	3	\$195.00		\$200.00		\$146.00	3	\$137.00		\$85.00		\$55.00	6	\$996.00	
Project QA/QC	4	\$195.00		\$200.00		\$146.00		\$137.00		\$85.00		\$55.00	4	\$780.00	
TOTALS	30	\$5,850.00	0	\$0.00	51	\$7,446.00	87	\$11,919.00	93	\$7,905.00	0	\$0.00	261	\$33,126.00	

PROJECT: Traffic Calming Study
CONSULTANT: A&P Consulting Transportation Engineers
DATE: 7-Dec-20

Notes: *Spot Speed Study*
Assumes 2 technicians x 3 hour x 4 times = 24 hours
NW 66th Street, west of NW 104th street
NW 66th Street, east of NW 104th street
NW 104th Avenue, just south of NW 74th Street
NW 104th Path and NW 62nd Street