Kimley»Horn

INDIVIDUAL PROJECT ORDER NUMBER 2023-09

Describing a specific Agreement between Kimley-Horn and Associates, Inc. (Kimley-Horn), and The City of Ocala (the City) in accordance with the terms of the Master Agreement Contract Eng/210895 for Continuing Professional Services dated September 25, 2022, which is incorporated herein by reference.

Identification of Project:

Project: SE Ocala Neighborhood Traffic Calming Study

Client: City of Ocala

Project Manager: Amber L. Gartner, P.E.

General Category of Services:

1. The City has received complaints concerning vehicle speeding, cut-through traffic, and pedestrian safety in the southeast quadrant of Ocala.

2. The City desires to have a traffic calming study performed to identify challenges and opportunities for improving bicyclist and pedestrian safety and mobility, with priority given to pedestrians.

3. The project area includes the following roadways:

    a. East Fort King Street, from SE 3rd Avenue to SE 22nd Avenue

    b. SE 5th Street, from SE 3rd Avenue to SE 22nd Avenue

    c. SE 8th Street, from SE 3rd Avenue to SE 22nd Avenue

    d. SE 11th Avenue, from SR 464/Maricamp Road to East Fort King Street

    e. SE 18th Avenue, from SR 464/Maricamp Road to East Fort King Street

    f. SE 22nd Avenue, from SR 464/Maricamp Road to East Fort King Street

4. Kimley-Horn, utilizing a subconsultant, will provide 48-hour directional traffic volume and speed count data within the study area, while school is in session.

SCOPE OF SERVICES

Task 1 – Existing Conditions Evaluation

A. Kimley-Horn will review prior studies performed by the City within the study area.

B. Kimley-Horn will review existing City guidelines, including the Speed Hump Guidelines, relative to roadway design and traffic calming measures.

C. Kimley-Horn will obtain and review the most recent five years of historic crash data on the study area roadways from the University of Florida's Signal Four Analytics.

D. Kimley-Horn will prepare a crash summary and collision diagram for each roadway within the study are, using the five-year crash data received from Signal Four Analytics. The crash summary information will include date and time of crash, type of crash, severity of crash, property damage cost, and contributing cause.

E. Kimley-Horn will review traffic volume and speed data collected in Task 6. Additional traffic data collected by the City within the study area will also be reviewed.

F. Traffic volume data will be adjusted using Florida Department of Transportation (FDOT) published seasonal factors (minimum 1.0).

G. Kimley-Horn will prepare graphics illustrating the speed and volume data collected for the Project.

H. Kimley-Horn will perform a field review of the roadways within the study area to document existing conditions and observe traffic operations.

I. Kimley-Horn will review information from the City (GIS, right-of-way maps) to identify right-of-way constraints within the study area.

J. Kimley-Horn will prepare graphics illustrating the existing conditions within the study area.

K. Kimley-Horn will prepare an existing conditions summary, which will be included in the Traffic Calming Study Report.

Task 2 – Issue Identification

A. Kimley-Horn will utilize the results of the existing conditions analysis to define issues and deficiencies within the project area where traffic calming measures may provide a solution.

B. Kimley-Horn will identify safety risks and challenges to walking and biking for each corridor.

C. Kimley-Horn will develop a priority ranking system including crash history, 85th percentile speed relative to posted speed, traffic volume, proximity of schools, parks, or other pedestrian generating facilities, and other factors identified in conjunction with City staff.

Task 3 – Traffic Calming Measure Identification

A. Kimley-Horn will develop a series of low, medium, and high-cost traffic calming recommendations that would be appropriate for the study area roadways to enhance traffic, bicycle, and pedestrian safety in accordance with current standards, guidelines, and state of the practice.

B. Kimley-Horn will assess the speed, volume, and character of motor vehicle traffic using the study roadway segments to determine suitability of potential traffic calming improvements identified in Task 3A.

C. Kimley-Horn will identify advantages and disadvantages of the identified traffic calming measures.

D. Kimley-Horn will evaluate the speed data collected in the study area using the guidelines in the *Speed Zoning for Highways, Roads and Streets in Florida* to determine if the existing speed limits along the study roadway segments are appropriate.

E. Kimley-Horn will review right-of-way information provided by the City to determine general feasibility of any proposed recommendations that may require changes to the existing cross-section of the study roadway segments.

Task 4 – Recommendations Exhibit and Preliminary Cost Estimates

A. Kimley-Horn will prepare conceptual exhibits that illustrate recommended improvements. The exhibit will include any recommended regulatory and non-regulatory signage, speed limit posting modifications, traffic calming improvements, pavement marking modifications, or other roadway or roadside improvements.

B. Kimley-Horn will meet with City staff to review preliminary recommendations and exhibit.

C. Kimley-Horn will update the recommendations exhibit up to one time based on comments from the City.

D. Kimley-Horn will prepare planning-level construction estimates for the identified traffic calming measures, and each roadway within the study area.

Task 5 – Reporting

A. Kimley-Horn will prepare a draft report documenting the study tasks and recommendations.

B. Kimley-Horn will meet with the City to review the draft report.

C. Kimley-Horn will prepare a final report that addresses comments provided from the City on the draft report.

D. Kimley-Horn will submit one original hard copy and one pdf electronic file of the final signed and sealed study report to the City.

Task 6 – Traffic Data Collection

A. Kimley-Horn will obtain the services of a subconsultant to perform 48-hour traffic volume and speed counts on the study area roadways. Two counts will be performed for each roadway, for a total of 12 speed and volume count locations.

B. Kimley-Horn will obtain the services of a subconsultant to 4-hour turning movement counts at up to four intersections within the study area. Turning movement counts will include classification of vehicles, pedestrians, bicycles, and heavy vehicles.

Task 7 – City Council Meeting

A. Kimley-Horn will prepare a PowerPoint presentation to be provided at a City Council meeting or workshop.

B. Kimley-Horn will attend a City Council meeting or workshop to present on the study, findings, and recommendations.

ADDITIONAL SERVICES

Services requested that are not specifically included will be provided under a new and separate IPO agreement or can be performed on an hourly basis upon written authorization.

SCHEDULE

Kimley-Horn will begin services upon receipt of an executed IPO. The above services will be provided as expeditiously as practicable to meet a mutually agreed upon schedule. The Scope of Services will be complete within 180 days of notice to proceed.

FEE AND EXPENSE

Kimley-Horn will perform the Scope of Services in Task 1 through Task 7 for a lump sum fee of $59,016.74. All permitting, application, and similar project fees will be paid directly by the City. A breakdown of the fee per task is provided in the attached Table A.

Attachments: Table A

ACCEPTED:

THE CITY OF OCALA, FLORIDA	KIMLEY-HORN AND ASSOCIATES, INC.
BY:_____	BY: _____
	Amber L. Gartner, P.E.
TITLE: _____	TITLE: Vice President
DATE:_____	DATE: October 2, 2023

Kimley»Horn

TABLE A
COST ESTIMATE FOR SERVICES

PROJECT: SE OCALA NEIGHBORHOOD TRAFFIC CALMING STUDY
CLIENT: CITY OF OCALA
KHA PM: AMBER L GARTNER, PE
BASIS FOR ESTIMATE: COUNCIL-APPROVED HOURLY RATES, CONTRACT #ENG/210895

SHEET: 1 of 1
DATE: 10/2/2023

		DIRECT LABOR (MAN-HOURS)							
		Project Manager	Project Engineer	Engineering Intern	Secretary/ Clerical	LABOR HOURS	LABOR TOTAL	SUB ($)	TOTAL (LABOR + SUB)
NO.	DESCRIPTION	$224.86	$225.65	$137.42	$103.26				
1	EXISTING CONDITIONS EVALUATION	15	5	50	10	80.0	$ 12,404.75	--	$ 12,404.75
2	ISSUE IDENTIFICATION	8	12	25	5	50.0	$ 8,458.48	--	$ 8,458.48
3	TRAFFIC CALMING MEASURE IDENTIFICATION	15	12	25	5	57.0	$ 10,032.50	--	$ 10,032.50
4	RECOMMENDATIONS EXHIBIT AND PRELIMINARY COST ESTIMATES	8	15	40	10	73.0	$ 11,713.03	--	$ 11,713.03
5	REPORTING	10	8	15	12	45.0	$ 7,354.22	--	$ 7,354.22
6.A	TRAFFIC DATA COLLECTION - SPEED/VOLUME	1			1	2.0	$ 328.12	$ 3,165.00	$ 3,493.12
6.B	TRAFFIC DATA COLLECTION - TURNING MOVEMENT COUNTS	1			1	2.0	$ 328.12	$ 1,265.00	$ 1,593.12
7	CITY COUNCIL MEETING	10		8	6	24.0	$ 3,967.52	--	$ 3,967.52
								GRAND TOTAL:	**$ 59,016.74**