



**AMENDMENT NUMBER 3 TO IPO 29
BETWEEN KIMLEY-HORN AND ASSOCIATES, INC.
AND BOARD OF SUMTER COUNTY COMMISSIONERS**

AMENDMENT NUMBER 3 DATED April 12, 2023, to IPO 29 between Board of Sumter County Commissioners ("BOARD") and Kimley-Horn and Associates, Inc., ("Kimley-Horn or Consultant") dated July 18, 2022 ("IPO") concerning US 301 Intersection Improvements at C 472 and C 462 (the "Project").

Kimley-Horn has entered into the IPO with the BOARD for the furnishing of professional services, and the parties now desire to amend the IPO.

Therefore, it is mutually agreed that the IPO is amended to include Additional Services to be performed by Kimley-Horn and provisions for additional compensation by the BOARD to Kimley-Horn, all as set forth in Exhibit A hereto. The parties ratify the terms and conditions of the IPO not inconsistent with this Amendment, all of which are incorporated by reference.

ACCEPTED:

BOARD OF SUMTER COUNTY COMMISSIONERS

KIMLEY-HORN AND ASSOCIATES, INC.

BY: _____

BY:  _____

Richard V. Busche, P.E.

TITLE: _____

TITLE: Senior Vice President

DATE: _____

DATE: April 12, 2023

Consultant shall perform the following Additional Services:

Project Understanding

Kimley-Horn was previously retained by the BOARD to provide field investigations, transportation planning, engineering design and permitting services associated with proposed work at the intersections of C 472 and US 301, and C 462 and US 301 ("the Project"). The BOARD has requested additional drainage analysis related to an existing Florida Department of Transportation (FDOT) pond to be done for the intersection of C 462 and US 301 as shown in Exhibit 1. In addition, based on Kimley-Horn's coordination with the FDOT, lighting design and plans and fiber splicing plans are required for the intersection at C 462 and US 301. Drainage modeling, lighting design, and fiber splicing plans were not included in the original IPO.

Scope of Services**Task 1 – Surveying and Mapping Services**

As a subconsultant to Kimley-Horn, Clymer Farner Barley Surveying, LLC (CFBS) will extend the previous topographic survey to extend approximately 1,000 feet west of the previous topographic limits to cover the existing FDOT pond and drainage easement as shown in Exhibit 1. CFBS will collect spot elevation data at approximate 50-foot intervals within the subject topographic limits and all major grade breaks therein. The spot elevation data will be interpolated to depict one-foot contour intervals and will be shown on the survey. Additionally, CFBS will collect inverts, sizes, and materials of pipes within storm structures.

Task 2 – C 462 at US 301 Intersection Drainage Analysis and Design

Kimley-Horn will prepare a drainage design and analysis meeting applicable FDOT and SWFWMD regulations for the FDOT DRA and the additional impervious area generated from this project and from future southbound right-turn lanes along US 301 being proposed by others. The FDOT DRA is located along the west side of US 301, south of C 462. See attached Exhibit 1. Impervious areas for the future southbound right-turn lanes will be provided by other engineering firms in coordination with the BOARD. Kimley-Horn will review as-builts and calculations from the existing SWFWMD and FDOT permits that will be used as the basis to analyze the existing conditions for this DRA. Kimley-Horn will prepare a drainage analysis, utilizing ICPR drainage modeling software, and evaluate the FDOT critical storms to determine modifications required to the existing DRA in proposed conditions. The results of this analysis will be included in the Drainage Report and the modification to the DRA will be detailed in the Plans for permitting with FDOT and SWFWMD. The storm conveyance design will be revised to account for the revised pond tailwater elevations, and any modifications required to the drainage pipes as part of this analysis will be shown on the Roadway Plans. This task assumes the modifications will be able to occur within the existing FDOT drainage easement and does not include modification to the existing FDOT drainage easement, environmental analysis and reporting and any coordination required due to work being proposed by others. Kimley-Horn will respond to two rounds of comments from FDOT and SWFWMD related to this drainage analysis.

Any comments received from reviewing agencies related to drainage easement modifications, environmental analysis and any other work being proposed outside of the Project by others will be responded to and coordinated by other engineering firms. It is understood that comments received for work being performed by others could be part of the critical path for the issuance of construction plans for bidding and construction.

Task 3 – C 462 at US 301 Intersection Lighting Design & Plans

The intersection of C 462 and US 301 currently does not have existing roadway lighting. Based on a pre-application meeting held with FDOT during design, FDOT is requiring the BOARD to provide lighting at the intersection to meet criteria in the FDOT Design Manual (FDM). Kimley-Horn will perform a lighting photometric analysis for the intersection and prepare Lighting Plans accordingly. The Lighting Plans will include a Lighting Data Table and Legend and a Lighting Plan Sheet. Kimley-Horn will document the photometric analysis in a Lighting Design Analysis Report. The Lighting Plans and Lighting Design Analysis Report will be submitted to FDOT for their review as part of the permitting process. Installation of ground mounted light poles and luminaires on proposed signal mast arms are expected to be needed to meet lighting criteria. For the ground mounted poles, Kimley-Horn will choose a pole and fixture from the power company's catalog based on the photometric analysis in coordination with the BOARD. Electrical design including voltage drop calculations and sizing of wires and circuits for ground mounted light poles are expected to be performed by the power company. Kimley-Horn will coordinate with the power company for ground mounted light poles to be added at the intersection. For luminaires on the proposed signal mast arms, Kimley-Horn will add the associated luminaire information to the Signal Plans and perform a voltage drop calculation for the lighting conductors and service. Kimley-Horn will respond up to two rounds of comments from FDOT on the Lighting Design and Plans.

Task 4 – C 462 at US 301 Intersection Fiber Splicing Design & Plans

The intersection of C 462 and US 301 currently includes fiber infrastructure which runs along the east side of US 301. Based on a pre-application meeting held with FDOT during design, FDOT is requiring the BOARD to connect the proposed traffic signal to the existing fiber infrastructure. The existing fiber pull box at the intersection is within future roadway pavement area and is expected to be removed. Kimley-Horn will include splicing details, notes, pay items and quantities to the Signalization Plans for the fiber splicing and addition of a new vault/pull box. Kimley-Horn will respond up to two rounds of comments from FDOT on the splicing design and plans.

Additional Services If Required

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 provide the above Scope of Services as expeditiously as practicable to meet a mutually agreeable schedule.

Fee and Billing

Kimley-Horn will complete the above scope of services described in Tasks 1 – 4 for a lump sum fee of \$36,500.00, inclusive of expenses. A breakdown of fee is provided in the attached Table A.

Attachments: EXHIBIT 1



**TABLE A
FEE ESTIMATE FOR PROFESSIONAL SERVICES**

PROJECT: US 301 INTERSECTION IMPROVEMENTS AT C 472 AND C 462	FILE NO. AMD 3 to IPO 29
CLIENT: SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS	DATE: 4/12/2023
KH PM: MOHAMMAD ANSARI, P.E.	
BASIS FOR ESTIMATE: APPROVED RATES PER RFQ 030-0-2020/RS	

TASK NO.	DESCRIPTION	DIRECT LABOR (MAN-HOURS)							SUB (\$)	LABOR TOTAL
		Principal Engineer	Sr. Engineer Project Manager	Senior Engineer	Project Engineer	Engineering Intern	Support Staff	LABOR HOURS		
		\$ 225.00	\$ 195.00	\$ 150.00	\$ 135.00	\$ 105.00	\$ 70.00	--		
1	SURVEYING AND MAPPING SERVICES				2			2	\$ 3,900	\$ 4,170
2	C 462 AT US 301 INTERSECTION DRAINAGE ANALYSIS & DESIGN	4	20	8	50	28	4	114		\$ 15,970
3	C 462 AT US 301 INTERSECTION LIGHTING DESIGN & PLANS	2	12	4	44	28	4	94		\$ 12,550
4	C 462 AT US 301 INTERSECTION FIBER SPLICING DESIGN & PLANS		6	2	8	12		28		\$ 3,810
TOTALS		6	38	14	104	68	8	238	\$ 3,900.00	\$ 36,500.00

EXHIBIT 1

EXISTING FDOT POND

