

CONSULTING SERVICE AUTHORIZATION

DATE: _____

CONSULTANT: Kimley Horn and Associates, Inc.

SERVICE AUTHORIZATION NO. 12-23 FOR CONSULTING SERVICES

CITY P.O. NO. _____ CITY EXPENSE CODE _____

TITLE: Tropic Isles U-Turn Analyses

CITY PROJECT NO. _____

This Service Authorization, when executed, shall be incorporated in and shall become an integral part of the “Agreement for General Consulting Engineering Services” Contract, dated February 22, 2012.

I. PROJECT DESCRIPTION

Kimley-Horn and Associates, Inc. (“Kimley-Horn”) is pleased to submit this service authorization request to the City of Delray Beach (“Client”) for traffic engineering services. Our project understanding, scope of services and fee follow.

The City wants to evaluate the feasibility of allowing U-turns or implementing a U-turn prohibition for southbound-to-northbound U-turns at the intersection of US 1 and Tropic Isles Boulevard.

II. SCOPE OF SERVICES

Phase I – Study and Report Phase

1. Traffic Data Collection

In this data collection phase, KHA will collect traffic volumes on all four approaches at the intersection for 8 hours during a typical weekday. In addition to vehicular volumes, pedestrian and bicycle volumes will be collected during the 8-hour timeframe. KHA will also obtain any available crash history from the Palm Beach County Traffic Division at the subject locations.

2. Traffic Analysis

KHA will conduct an analysis of traffic patterns at the intersection and at nearby driveways to determine the feasibility of U-turns at the subject location. If U-turn prohibition is recommended, analysis at the next nearest U-turn location to the south will be performed.

A review of roadway width, ability for vehicles to make U-turns, and general health and safety considerations will be performed.

The data will then be compared to criteria for U-turn treatments in FDOT documents such as the Florida Intersection Design Guide. KHA will prepare a memorandum describing the data collection, analysis, and conclusions.

The engineer will conduct up to one field visit at the intersection to evaluate existing and sight distance conditions. KHA will qualitatively observe driver behavior at the intersection during the AM and PM peak hours.

The scope of services includes up to one meeting with the City.

Deliverables: One study memorandum .

Phase II – Preliminary Design Phase

Preliminary Design Phase Services are not included in this Service Authorization

Phase III – Final Design Phase

Final Design Phase Services are not included in this Service Authorization

Phase IV – Bidding/Negotiating Phase

Bidding/Negotiating Phase Services are not included in this Service Authorization

Phase V – Construction Administration

Construction Administration Services are not included in this Service Authorization

ADDITIONAL SERVICES

Upon your authorization, KHA will provide any additional services that may be required beyond those described in the scope of services above. These services may include but are not limited to such items as the following:

- Additional traffic data collection and studies
- Additional meetings, exhibits, deliverables

SCHEDULE

KHA will begin work upon receiving authorization from the City in accordance with a mutually agreed upon schedule.

III. BUDGET

Fee and Expenses

KHA will perform the Services in tasks 1 - 2 on an hourly basis not to exceed \$9,000.00. Fees will be invoiced monthly based on the actual amount of service performed and expenses incurred. Payment will be due within 25 days of your receipt of the invoice. Individual task amounts are informational only.

Reimbursable Expenses billed under this contract could include: in-house duplicating, local mileage, facsimiles, postage, express delivery services, large-format color printing, construction drawing printing, specification printing, and other out-of house printing.

Optional services will be billed on a lump sum basis after written authorization from City to start those services or a portion thereof. Additional services which may be identified as needed at a later time will be negotiated at that time.

IV. COMPLETION DATE

This service authorization is approved contingent upon the City's acceptance of and satisfaction with the completion of the services rendered in the previous phase or as encompassed by the previous service authorization. If the City in its sole discretion is unsatisfied with the services provided in the previous phase or service authorization, the City may terminate the contract without incurring any further liability. The CONSULTANT shall commence work on any service authorization approved by the City to be included as part of the contract without a further notice to proceed.

Approved by:

CITY OF DELRAY BEACH:

Date _____

Cary D. Glickstein, Mayor

Witness (Signature)

Witness (Printed)

Attest: _____

Approved as to Legal Sufficiency

City Attorney

KIMLEY-HORN AND ASSOCIATES, INC.

Date 08/25/2016

By: _____

(Seal)

Marwan Mufleh
Marwan, Mufleh, P.E.
Vice President

BEFORE ME, the foregoing instrument, this 25th
day of August, 2016, was
acknowledged by Marwan Mufleh on
behalf of the Corporation and said person executed the
same free and voluntarily for the purpose there-in
expressed.

Witness my hand and seal in the County and State
aforesaid this 25th day of August,
2016.

Christine Strang Gosnell
Notary Public
State of Florida

My Commission Expires:

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