



Last Mile Amenities – LAP Project Support

SCOPE OF SERVICES

GENERAL OBJECTIVE

The general objective is for the CONSULTANT to provide all design, analysis and engineering support services necessary to assist City Staff to prepare a final set of construction plans and specifications for the installation of the Last Mile amenities as per the attached list.

This includes:

1. Plan preparation for the installation of amenities on 47 locations as per the attached list.
2. Coordinate with the City’s Environmental Consultant to provide the necessary information for each location needed to meet the NEPA Requirements.
3. Provide survey information for 16 locations. (See description attached “survey scope”)
4. Coordinate with City on any FDOT requirements revision
5. Provide certification letter to the City as required by FDOT LAP program
6. Prepare preliminary cost estimate and assist the City on preparing final Construction Bid documents.
7. Prepare Tabulation sheet for bus stop locations to install only flag-light and sign maps on an existing pole
8. R/W line will be based on public records and information provided by the City of Key West

Exclude:

1. Environmental evaluation or permits.
2. Obtain permits from property owners for amenities installation.

Fee for Design Services (Lump Sum)	\$122,325.00
Fee for Survey Services (Lump Sum)	\$12,850.00
Total Fee	\$135,175.00

(See attached fee estimate)

Consultant:

City of Key West:

 Date: 3/16/2021

_____ Date: _____

C. Bryan Wilson, PE

Practice Leader – Transportation

City of Key West Bus Stop
Survey Scope
03/11/21

1.01 Topographic Survey

KCI shall prepare a topographic survey of the sixteen (16) bus stop locations as shown in Exhibit “A”. Services include the location of above ground permanent improvements such as bus shelters, asphalt, concrete, fences, and surface features of utilities. Limits will be from the adjacent edged of pavement at each bus stop location to approximately five (5) feet beyond the right of way, extending twenty-five (25) feet up and down station from the bus stop location. Wetland areas (delineated by others) shall be located if present at time of field survey and depicted on the survey.

Elevations shall be obtained throughout the site on an approximate ten (10) foot grid, with intermediate highs and lows also obtained. As-Built of gravity utility lines (storm, sanitary sewer) will NOT be included in these services. Elevations shall be relative to the North American Vertical Datum of 1988 (NAVD '88); being established by global positioning system (GPS) - real time kinematic (RTK) methods using the Florida Department of Transportation (FDOT), Florida permanent reference network (FPRN), applying the Geoid 12b model; with an absolute accuracy of +/- 0.5 feet.

Establishment of right of way limits will NOT be obtained.

Deliverables shall consist of a 2020 Civil 3D AutoCAD file relative to Florida State Plane coordinate system, zone: Florida East, North American Datum of 1983, with a 2011 adjustment.

All survey work shall be performed in accordance with the Standards of Practice as set forth by the Board of Surveyors and Mappers pursuant to Rule 5J-17 of the Florida Administrative Code, pursuant to Section 472.027 Florida Statutes.

KCI’s Lump Sum Fee for this service shall be.....\$12,850.00

