

EXHIBIT "A"
DETAILED DESCRIPTION OF THE PROJECT
AND
ENGINEER SCOPE OF SERVICES

NORTH 13TH STREET IMPROVEMENTS –
GEORGIA AVENUE TO ORANGE AVENUE

PROJECT DESCRIPTION:

The City desires to review and update the construction documents previously prepared in 2009 to support the roadway improvements to North 13th Street between Georgia Avenue to Orange Avenue, approximately 2,650 linear feet. The roadway improvements consist of reconstructing the roadway, adding continuous pedestrian improvements along both sides of the corridor, adding on-street parking where possible, adding decorative lighting and landscaping improvements.

The City is requesting to review and update the construction documents to address the following:

- Changes along the corridor since 2009 (i.e. a joining sidewalk improvements, fences, etc.)
- Update the construction documents to reflect current Florida Department of Transportation design standards
- Review and revise plans to address potential changes in franchise utilities within the corridor
- Review and revise plans to address changes to identified license agreements within the corridor

DESCRIPTION OF TASK DELIVERABLES:

The ENGINEER agrees to perform professional roadway design and related services in connection with the project as required and set forth in the following:

A. General:

1. The ENGINEER will endeavor not to duplicate any previous work done on the project. After issuance of written authorization to proceed, the ENGINEER shall consult with the City to clarify and define the requirements for the project and review available data.
2. The ENGINEER will attend conferences with the City and its representatives upon reasonable request.
3. In order to accomplish the work described under this Task Order in the time frames and conditions set forth, the ENGINEER will observe the following requirements:
 - a. The ENGINEER will complete his work on the project within the time allowed by maintaining an adequate staff of registered engineers, draftsmen, and other employees on the work.
 - b. The ENGINEER will design the project in such a manner as to be in reasonable conformance with applicable federal, state and local laws, and shall comply with the Florida Department of Transportation's Plans Preparation Manual Design Criteria, latest edition.
 - c. The ENGINEER will prepare all necessary sketches and completed application forms to accompany the City's applications for required federal, state, or local permits.
 - d. The ENGINEER will cooperate with the City in order that all phases of the work may be properly scheduled and coordinated.
 - e. The ENGINEER will send a complete preliminary set of construction plans to any city, county, state, regional or federal regulatory agency from which a permit or other approval is required prior to final approval of the design by the City Engineer, and will coordinate the project design with all applicable agencies.
4. Compensation to the ENGINEER for basic services shall be in accordance with Section IV – Compensation, of this Agreement, as mutually agreed upon by the ENGINEER and City.

B. Supplemental Topographic Survey:

The ENGINEER will provide supplemental topographic design survey services necessary to support and facilitate contemplated design changes with this project. This task will consist of the preparation of digital base map topographic surveys in accordance with the Professional Land Surveyors in Chapter 5J-17, Florida Administrative Code, pursuant to the intent of the Florida Standards of Practice set forth by the Florida Board of Professional Surveyors in Section 472.027, Florida Statutes.

C. Culvert Inspections:

The ENGINEER will provide limited culvert inspections that will include the collection of baseline measurements that will aid in the evaluating of three (3) vitrified clay storm sewer culverts located within the project limits, approximately 900 linear feet. Typical baseline measurements include the following:

- Size of culvert — pipe diameter (if round) or span and rise dimensions
- External visual investigation looking for surface indicative of culvert failure (loss of embankment/fill, surface defects)
- Internal culvert visual investigation (automated camera or dive inspection)
- Length of culvert
- Type and configuration of end treatments
- Build-up of debris/sediment at ends of culvert affecting flow
- Alignment changes, culvert shape, or material changes along culvert length

Based upon deterioration such as corrosion, coating loss, perforations, cracks, joint deficiencies, culvert deformation; the ENGINEER will make pipe culvert rehabilitation recommendations along with estimated construction costs.

D. Construction Document Revisions:

The ENGINEER will review and/ or revise the construction documents to address the following:

- Address changes in conditions between 2009 and today
- Revise construction documents to reflect current FDOT design standards
- Address City review comments
- Solicit current franchise utility operator record drawings and revise the construction documents to reflect identified changes
- Review identified license agreements

M. CONSTRUCTION PHASE ASSISTANCE:

Bidding and Construction phase services are not included in this work order and shall be submitted to the City under a supplemental amendment, if so requested, once the construction documents have been finalized and construction duration has been determined.

TIME OF PERFORMANCE:

Preliminary Construction Documents	5 months from NTP
Final Construction Documents	7 months from NTP

EXHIBIT "B"

COMPENSATION

The City agrees to pay and the ENGINEER agrees to accept for services rendered pursuant to fees in accordance with the following:

- A. Professional Services Fee: The basic compensation mutually agreed upon by the ENGINEER and the City follows:

Lump Sum Tasks

<u>Task Description</u>	<u>Fee</u>
Supplemental Topographic Survey	\$ 3,750
Culvert Inspections	\$ 3,450
Construction Document Revisions	\$ 62,640
<u>Grand Total</u>	<u>\$ 69,840</u>

Compensation will be computed at the hourly rates of

Project Manager	\$	265.00
Project Engineer	\$	225.00
Analyst	\$	145.00
Technician	\$	125.00
Clerical	\$	70.00