

TAB 7

WORK ASSIGNMENT #23
10th STREET WEST AND 10th AVENUE WEST
INTERSECTION IMPROVEMENT PROJECT

1. GENERAL DESCRIPTION OF THE WORK

Lombardo, Foley & Kolarik, Inc. (LF&K) is happy to provide engineering consulting services in accordance with our Agreement dated October 5, 2006.

This Work Assignment will involve the addition of left turn lanes on the east and west approach of the 10th Street West and 10th Avenue West intersection, and installing new mast arm traffic signals. It is anticipated that the new turn lanes on 10th Street will be provided by milling, resurfacing and restriping the existing roadway.

2. ITEMS TO BE FURNISHED BY THE CITY

The City will provide any information regarding property ownership, existing development plans for adjacent areas and utility as-builts. The City will also provide the services of a geotechnical, lighting, or environmental consultant if required.

3. SCOPE OF SERVICES

3.1 Project Tasks:

Task 1: Preliminary Design Phase

Based on the staff concept plan, the ENGINEER will prepare construction plans for City review. The plans will include:

- 1) Cover Sheet
- 2) Existing Condition/Survey with Established Base Line
- 3) Demolition & Erosion Control Plan
- 4) Horizontal Control Plan
- 5) Grading Drainage Plan
- 6) Paving and Marking Plan
- 7) Stormwater and Utility Relocation Plan
- 8) Maintenance of Traffic Plans
- 9) Mast Arm Plan
- 10) Traffic Signal Plan
- 11) Details

The ENGINEER will meet with staff to discuss elements of design and revise plans based on comments received from staff. The Engineer will coordinate with SWFWMD, Manatee County, FDOT and other utility companies as required.



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Task 2: Final Design Phase

The Consultant shall finalize the Contract Documents (plans, technical specifications and front end documents) for bidding and construction based on input from the City and affected regulatory agencies. Permit applications and supporting documentation shall be prepared and submitted at the 90% stage. The Consultant shall finalize the coordination efforts with the utility companies and regulatory agencies in this phase.

The Consultant shall prepare the measurement and payment section and schedule of bid items specifically for the project, including an estimate of construction costs. All construction details, special crossings and easement requirements shall be finalized.

Task 3: Construction Services

1. Participate in pre-bid conference and prepare minutes of meeting. Assist City in preparation of agenda.
2. Assist the City in evaluating bids.
3. Prepare construction contract documents.
4. Conduct pre-construction conference and prepare minutes of meeting.
5. Review and approve shop drawings.
6. Visit project site at appropriate stages of the work to observe the progress of the work and report observations to the City. It is anticipated that all work will be completed within a four month time frame.
7. Provide recommendations of changes, if necessary, which may be required within the scope of the project during construction. Prepare Discretionary Work Directive changes and change orders, if required, for City approval.
8. Conduct frequent project site visits and prepare punch list items to be corrected or completed at the substantial and final completion stages of the work.
9. Review monthly pay requests submitted by Contractor and make recommendations for payment.
10. In coordination with the City, prepare responses to resident complaints and maintain a record of complaints and actions taken.
11. Prepare and furnish the City a final set of reproducible record drawings from data provided by the contractor and the project representative. All information gathered by Consultant shall be field verified and certified set of record drawings shall be



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submitted to the City. The Consultant shall be responsible for supplying the City certified record drawings and all certifications to all state agencies. All record drawings shall conform to City requirements.

12. Visit the project site prior to the end of the one year construction warranty period and prepare a punch list of items to be corrected prior to the warranty expiration date.

4. SCHEDULE

Lombardo, Foley & Kolarik, Inc. (LF&K) shall submit four (4) sets of plans and specifications for City review at the preliminary design stage (60%) within eight (8) weeks of the Notice to Proceed.

90% documents incorporating City review comments and including Permit Applications, Technical Specifications and Bid Quantities will be provided within six (6) weeks of the City's review of the preliminary design.

5. FEE PROPOSAL

LF&K will provide the City the above Scope of Services for a lump sum fee of \$63,900.

6. ADDITIONAL SERVICES

If authorized in writing by the City, LF&K will furnish, or obtain from others, additional services of the following type:

- Revise previously approved studies, design documents, drawings or specifications.
- Additional services and costs necessitated by out-of-town travel required of LF&K other than visits to the site.
- Prepare to serve and serve as a witness for the City in any litigation or other judicial proceeding involving the project.
- Furnish, from a Registered Land Surveyor, additional surveys not covered in the above Scope of Services (e.g., construction stakeout).
- Furnish cursory or detailed soils investigation and analysis, or wet season water table analysis.
- Provide right-of-way mapping or Sketch & Descriptions for right-of-way acquisition.
- Furnish additional engineering for permit requirements not covered in the above Scope of Services (e.g., FDOT permit, utility permits).



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- Prepare construction plans for reclaimed water, potable water, sanitary sewer, etc.
- Prepare wetland impact permit applications.
- Provide lighting, landscape and irrigation services.
- Provide structural analysis and design for the mast arms.
- Provide geotechnical services for the mast arm design.

These additional services will be charged in accordance to the attached Schedule of Fees (Exhibit "B").

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EXHIBIT "B"

SCHEDULE OF FEES

Charges for professional services provided by Lombardo, Foley & Kolarik, Inc. (LF&K) shall include:

- (1) hourly fees for individuals actively working on the project;
- (2) reimbursement of expenses; and
- (3) reimbursement of any subcontractor's and/or other special cost.

HOURLY FEE SCHEDULE

Fees will be charged in accordance with the following schedule:

<u>ENGINEERING DIVISION</u>	<u>RATE/HOUR</u>
Principal Engineer/P.E.	\$ 155.00 - 195.00
Project Manager/P.E.	\$ 130.00 - 155.00
Project Engineer III/Project Manager III	\$ 100.00 - 135.00
Project Engineer II/Project Manager II	\$ 80.00 - 100.00
Project Engineer I/Project Manager I	\$ 70.00 - 80.00
Designer/Technician III/Const. Observ. III	\$ 75.00 - 100.00
Designer/Technician II/Const. Observ. II	\$ 65.00 - 75.00
Designer/Technician I/Const. Observ. I	\$ 40.00 - 65.00
Draftsman/Illustrator III	\$ 70.00 - 80.00
Draftsman/Illustrator II	\$ 60.00 - 70.00
Draftsman/Illustrator I	\$ 50.00 - 60.00
Administrative/Clerical	\$ 40.00 - 55.00



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SURVEYING DIVISION**RATE/HOUR**

Principal Surveyor/P.L.S.	\$135.00 - 175.00
Project Surveyor/P.L.S.	\$100.00 - 135.00
Project Surveyor III	\$ 80.00 - 105.00
Project Surveyor II	\$ 65.00 - 80.00
Project Surveyor I	\$ 40.00 - 65.00
Survey Technician III	\$ 65.00 - 75.00
Survey Technician II	\$ 55.00 - 65.00
Survey Technician I	\$ 40.00 - 55.00
Draftsman III	\$ 70.00 - 80.00
Draftsman II	\$ 60.00 - 70.00
Draftsman I	\$ 50.00 - 60.00
Administrative/Clerical	\$ 40.00 - 55.00
4 Man Field Crew	\$140.00
3 Man Field Crew	\$125.00
2 Man Field Crew	\$110.00
Survey Boat/Motor	\$ 100.00/day

NOTE: Field Crew rates include electronic equipment, four-wheel drive vehicle and travel time to and from LF&K.

PLANNING DIVISION**RATE/HOUR**

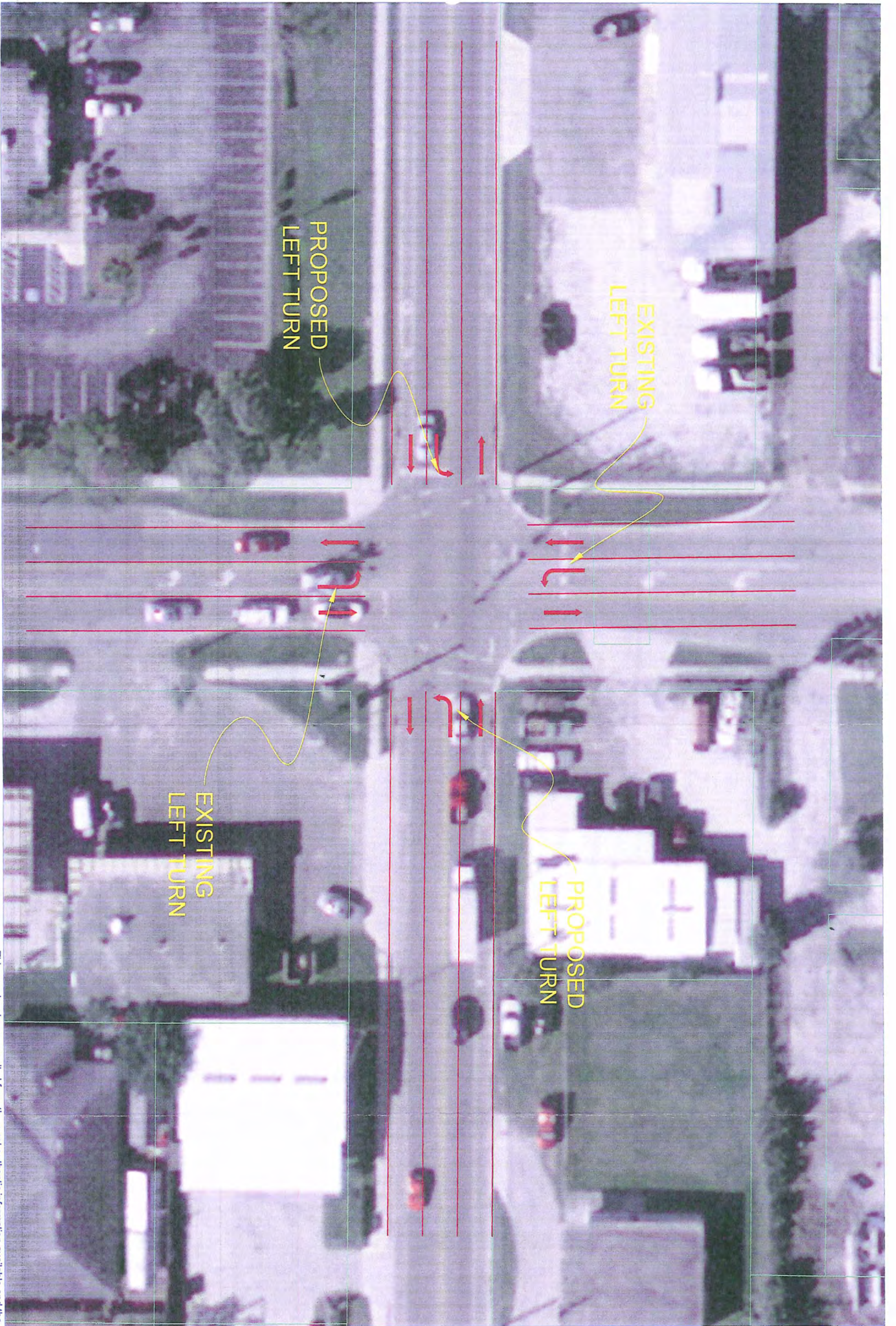
Principal Planner	\$125.00 - 140.00
Senior Planner	\$105.00 - 125.00
Project Planner	\$ 80.00 - 105.00

Charges for expert testimony, including depositions, provided by LF&K personnel, shall be computed at two (2) times the standard rate per hour.

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This map has been compiled from the most authentic information available and the City of Palmetto does not assume any responsibility for errors or omissions contained hereon.



SHEET 1 <small>OF 1</small>	PROJECT CITY OF PALMETTO	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="font-size: 8px;">REVISION</th> <th style="font-size: 8px;">BY</th> <th style="font-size: 8px;">DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	REVISION	BY	DATE													<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: 8px;">PROJECT #</td> <td style="font-size: 8px;">09-eng-1010</td> </tr> <tr> <td style="font-size: 8px;">DRAWN</td> <td style="font-size: 8px;">bwm</td> </tr> <tr> <td style="font-size: 8px;">CHECKED</td> <td style="font-size: 8px;">bwm</td> </tr> <tr> <td style="font-size: 8px;">SCALE</td> <td style="font-size: 8px;">1 : 40</td> </tr> <tr> <td style="font-size: 8px;">DATE</td> <td style="font-size: 8px;">01-14-09</td> </tr> </table>	PROJECT #	09-eng-1010	DRAWN	bwm	CHECKED	bwm	SCALE	1 : 40	DATE	01-14-09		CITY OF PALMETTO <small>engineering department</small> <small>600 17th street west palmetto, florida 34221 (941) 723-4200 - fax (941) 723-4209</small>
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