

PROJECT AGREEMENT

Between

DESOTO COUNTY, FLORIDA

And

WEILER ENGINEERING CORPORATION

for

Work Authorization No. _____

NW Lily Avenue SCRAP Design Services

FPID 448765-1-54-01

Exhibit “1”

Project Description

DeSoto County has received grant funding administered by the Florida Department of Transportation (FDOT) through the Small County Road Assistance Program (SCRAP) for improvements to NW Lily Avenue from SR 70 to Hardee County Line (FPN 448765-1-54-01) in the amount of \$4,099,821.00. The total project length is approximately 5.57 miles. WEC will perform an investigation of the existing roadway conditions and the need for improvements. WEC will evaluate road pavement improvements, drainage pipe replacement and safety improvements as allowed by the funding source and incorporate into the design based on need and available funding. WEC will provide engineering design services to develop complete bid/construction documents for this project. WEC will obtain an Environmental Resource Permit through the Southwest Florida Water Management District or confirmation of no permit required. This work authorization also includes surveying services and geotechnical testing.

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Exhibit “2”

Scope of Services and Project Schedule

Scope of Services

WEC will perform the following tasks/duties:

Engineering Design:

- Perform survey required for design, permitting and construction;
- Coordination with geotech subconsultant for required geotech testing;
- Site investigation and determination of improvements to roadway, cross drains, side drains and connecting roadways and driveways and other items as allowed by Exhibit 'A' of the SCRAP Agreement.
- 30% plan deliverable with base plan sheets and conceptual design elements with consideration of available funding.
- Development of detailed construction cost estimates at 60%/90%/100% & final plan stages;
- Submission of plan sets for FDOT review at the 60%/90%/100% review stages;
- Response to comments received from the FDOT at the 60%/90%/100% review stages and coordination of responses through the FDOT's Electronic Review Comment (ERC) portal or through direct coordination with the FDOT project manager;
- Coordination with the local FDOT Operation Office for authorization/permit to construction in FDOT ROW if required;
- Coordination with Utility Owners within project area;
- Coordination with the Southwest Florida Water Management District for authorization/permitting as required;
- Delivery of final signed and sealed bid/construction documents;
- Project Management;
- Attendance at Pre-Bid Meeting; and
- Response to inquiries from bidders during the bid period;

Surveying Services

The following scope of services is to define the surveying services tasks to be provided by Johnson Engineering, LLC for the DeSoto County Road 665 A/K/A Lily Ave NW Route Survey between State Road 70 and the Hardee County Line (PROJECT), approximately 5.56 miles (See Figure “A”). Horizontal data will be in feet and shall be projected on the Florida State Plane Coordinate System, West Zone, NAD83(2011). Vertical data will be in feet and shall be referenced to the North American Vertical Datum of 1988 (NAVD88).

- The CONSULTANT shall research the public records available on the DeSoto County

Property Appraiser and DeSoto County Clerk of Court websites and coordinate with the CLIENT to locate parcel deeds, recorded plats, and right-of-way maps pertinent for the delineation of right-of-way lines.

- The CONSULTANT shall perform a field survey to establish horizontal and vertical control for the project and set project control points at a maximum of 1,000-foot intervals.
- The CONSULTANT shall perform a field survey to locate, verify, or establish the right-of-way lines, and prepare a survey base map. This is NOT a boundary survey.
- The CONSULTANT shall perform a field survey by conventional means or Global Positioning Systems, where feasible, to collect the horizontal and vertical data of visible above-ground improvements, visible above-ground drainage structures and conveyances, driveways, signs, streetlights, obtain cross-sections between interior flow line of ditches/swales at approximately 200-foot intervals on straightaways and 100-foot intervals on curves, and locate significant changes in topography along County Road 665 in the project area as shown on Figure A (attached).
- The CONSULTANT shall prepare an existing conditions map delineating road rights-of-way, visible above-ground improvements, visible above-ground utilities, and topographic data.
- The CONSULTANT shall provide digital files in AutoCAD Civil 3D and Adobe PDF formats of the map to the CLIENT.

Geotechnical Services

WEC will contract with a Florida licensed geotechnical company to provide geotechnical engineering and pavement coring services. Geotechnical subconsultant will:

- Conduct a visual site reconnaissance of the project site and coordinate utility clearance via Call Sunshine.
- Perform Maintenance of Traffic services in accordance with the FDOT Standard Plans Indices.
- Perform twenty-six (26) pavement core borings within the existing roadway section. Perform a hand auger to a dept of 2 feet below the bottom of the base at each pavement core and document pavement, base and sub-base conditions. The geotechnical company will record pavement/base layer thickness, asphalt types, subgrade material and depth, measure rut/crack depths, measure cross slope, and provide pavement condition assessments. The core holes will be filled and asphalt patched upon completion of the pavement core and auger boring.
- Perform six (6) hand auger borings adjacent to the roadway to depths on the order of 5 to 7 feet below existing grade.
- Identify groundwater table levels at the boring locations. Estimate the seasonal high groundwater table levels along the alignment.
- Perform six (6) Limerock Bearing Ratio (LBR) tests on soils samples collected along the alignment.
- Conduct laboratory testing on soils obtained from the borings.

WEC Work Order

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- Visually classify and stratify all recovered soil samples in the laboratory using the AASHTO classification system.
- Prepare an engineering report that summarizes the course of study pursued, the field and laboratory data generated, the subsurface conditions encountered and pavement recommendations.

Anticipated Project Schedule

This scope will begin immediately following authorization to proceed. It is anticipated that the NTP will be issued by end of October 2025 with final completion of the Design phase by October 30, 2026 and in compliance with the County's SCOP/SCRAP Agreement with the FDOT. Bidding is anticipated to take place after design completion.

Exclusions

- Construction phase services are not included.

Incorporation of Engineering Services Agreement

All terms and conditions of the Engineering Services Agreement between the County and WEC dated October 14, 2025, not specifically modified by the Project Agreement, shall remain in full force and effect and are incorporated into and made a part of this Project Agreement by this reference.

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EXHIBIT “4”

Payment Schedule

Total Engineering Services (Lump Sum).....\$ 327,486.83

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EXHIBIT “5”

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CONSULTANT’S BILLING RATE

THE WEILER ENGINEERING CORPORATION

Principal	\$ 165.00
Registered Professional Engineer (P.E.)	\$ 140.00
Environmental Scientist	\$ 135.00
Project Manager	\$ 135.00
Registered Engineer Intern (E.I.)	\$ 125.00
Structural Inspector	\$ 125.00
Senior Engineering Designer	\$ 115.00
Senior Engineering Designer	\$ 105.00
Construction Inspector	\$ 85.00
Clerical	\$ 45.00

Reimbursable Expenses

Blueprints	\$ 2.30 / each
Copies (11 x 17)	\$ 0.30 / each
Copies (8 ½ x 14)	\$ 0.20 / each
Copies (8 ½ x 11)	\$ 0.15 / each
Travel	Cost
(Travel outside of County)	
Overnight mail	Cost
Other Reimbursable Expenses	Cost

EXHIBIT “6”

Staff Hour Estimate

Engineering Services - NW Lily Avenue SCRAP Project

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Description	Principal	Project Manager	FL Reg. P.E.	FL Reg E.I.	Senior Design Tech	Engineering Tech	Clerical	Total Hrs
Roadway Evaluation / 30% Design		40.00	60.00	100.00	200.00			400.00
60% Design		40.00	80.00	120.00	500.00			740.00
Permitting / Utility Coordination		20.00	32.00	40.00	80.00			172.00
90% Design / response to FDOT comments on 60%		32.00	60.00	60.00	240.00			392.00
100% Design / response to FDOT comments on 90%		20.00	16.00	32.00	120.00			188.00
comments on 100% / Final Submission		8.00	12.00	24.00	40.00			84.00
Tech Specs / Estimate		8.00	8.00	24.00	40.00			80.00
QA/QC	4.00							
Bidding Assistance			12.00	6.00	6.00			24.00
Total Hours	4.00	168.00	280.00	406.00	1226.00			2080.00
Rate	\$165.00	\$135.00	\$140.00	\$125.00	\$105.00	\$75.00	\$35.00	
Total Cost	\$660.00	\$22,680.00	\$39,200.00	\$50,750.00	\$128,730.00			

\$ 242,020.00 Subtotal
 \$ 200.00 Reimbursibles
 \$ 60,000.00 Survey
 \$ 25,266.83 Geotechnical Subconsultant
\$ 327,486.83 TOTAL

EXHIBIT “7”

Project Location Map

