

RESOLUTION NO. 16- 2358

A RESOLUTION OF THE TOWN COMMISSION OF THE TOWN OF SURFSIDE, FLORIDA APPROVING CALVIN, GIORDANO & ASSOCIATES, INC. WORK AUTHORIZATION NO. 96 FOR ENGINEERING, SURVEYING AND DESIGN SERVICES FOR MODIFICATION TO THE EXISTING TRAFFIC SIGNALS; AMENDING THE TOWN'S BUDGET FOR FISCAL YEAR 2015/2016; AUTHORIZING THE APPROPRIATION AND EXPENDITURE IN THE AMOUNT OF \$84,994.62 FROM THE CITIZENS INDEPENDENT TRANSPORTATION TRUST FUND FROM THE FISCAL YEAR 2015/2016 MUNICIPAL TRANSPORTATION FUND RESERVES, ACCOUNT NO. 107-8500-549-3110; PROVIDING FOR APPROVAL AND AUTHORIZATION; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, there are several intersections located throughout the Town of Surfside that do not have traffic signal detectors which allow the lights to change, jeopardizing the safety of vehicles and pedestrians; and

WHEREAS, the Police and Public Works Departments have identified the following locations in need of engineering, surveying and design services for modification to the existing traffic signals:

94th Street and Harding Avenue (east and westbound)
95th Street and Harding Avenue (eastbound)
88th Street and Harding Avenue (east and westbound)
93rd Street and Harding Avenue (east and westbound); and

WHEREAS, as part of Work Authorization No. 96 (see Attachment "A"), Calvin, Giordano & Associates, Inc. will perform engineering, surveying and design services for modification to the existing traffic signals; and

WHEREAS, the project was not budgeted in the Fiscal Year 2015/2016 budget and cost of the services requires the use of Citizens Independent Transportation Trust ("CITT") Fund from the Municipal Transportation Fund Reserves, Account No. 107-8500-549-3110, in the amount of \$84,994.62, amending the 2015/2016 budget to appropriate the funds.

NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COMMISSION OF THE TOWN OF SURFSIDE, FLORIDA, AS FOLLOWS:

Section 1. Recitals. The above and foregoing recitals are true and correct and are incorporated herein by reference.

Section 2. Authorization to Appropriate and Expend Funds. The Town Commission is hereby authorized to appropriate and expend funds from the CITT Fund, Fiscal Year 2015/2016 Municipal Transportation Fund Reserves, Account No. 107-8500-549-3110, amending the 2015/2016 budget in the amount of \$84,994.62.

Section 3. Implementation. The Town Manager and/or designee are hereby authorized to take any and all action necessary to implement this Resolution.

Section 4. Effective Date. This Resolution shall become effective immediately upon its adoption.

PASSED AND ADOPTED this 8th day of March, 2016.

Motion by Commissioner Karukin,

Second by Commissioner Cohen.

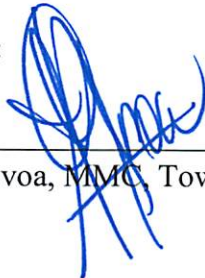
FINAL VOTE ON ADOPTION

Commissioner Barry Cohen	<u>yes</u>
Commissioner Michael Karukin	<u>yes</u>
Commissioner Marta Olchyk	<u>no</u>
Vice Mayor Eli Tourgeman	<u>no</u>
Mayor Daniel Dietch	<u>yes</u>



Daniel Dietch, Mayor

ATTEST:



Sandra Novoa, MMC, Town Clerk

**APPROVED AS TO FORM AND LEGAL SUFFICIENCY
FOR THE TOWN OF SURFSIDE ONLY:**



Linda Miller, Town Attorney



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

Date: February 29, 2016

Mr. Joseph Kroll
Public Works Director
TOWN OF SURFSIDE
9293 Harding Avenue
Surfside, FL 33154

RE: Work Authorization No. 96
Surfside Traffic Signal Modifications
CGA Proposal No. 15-8083

Dear Mr. Kroll,

Enclosed for your review and approval is Work Authorization No. 96 for Surfside Traffic Signal Modifications. The scope of the project includes Preparation of Signal Modification Concept Drawings to install new traffic loops.

The Scope of Services to be furnished under this Work Authorization includes Surveying and Traffic Engineering as shown on the attached Work Authorization.

The Basis of Compensation is hourly based upon the established rates pursuant to the Professional Services Agreement between the Town and CGA, plus reimbursables, for a total not to exceed \$84,994.62.

Sincerely,

CALVIN, GIORDANO & ASSOCIATES, INC.

Shelley Eichner, AICP
Senior Vice President

Building Code Services
Coastal Engineering
Code Enforcement
Construction Engineering
and Inspection
Construction Services
Contract Government
Data Technologies
and Development
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GSA Contract Holder

1800 Eller Drive
Suite 600
Fort Lauderdale, FL
33316
954.921.7781 phone
954.921.8807 fax

www.cgasolutions.com

TOWN OF SURFSIDE
Surfside Traffic Signal Modifications

PROJECT DESCRIPTION

1. SCOPE OF SERVICES

Calvin, Giordano & Associates, Inc. will perform the following services based on our understanding of the project requirements:

I. Professional Engineering Services

A. Traffic Engineering

1. CGA will provide traffic signal design services for modification to the existing traffic signal infrastructure located at the intersections of Harding Avenue and 88th Street, Harding Avenue and 93rd Street, Harding Avenue and 94th Street and Harding Avenue and 95th Street. Traffic signal design services include the installation of traffic signal loops and related traffic signal infrastructure for the eastbound and westbound movements on 88th Street, 93rd Street and 94th Street and the eastbound movements on 95th Street at the signalized intersections with Harding Avenue (southbound). The traffic signal design modification plans will be in accordance with the FDOT Roadway Design Standards, FDOT Standard Specifications for Road and Bridge Construction and the Manual on Uniform Traffic Control Devices. CGA will provide the following scope of services:

- **Surveying Services:** CGA will conduct a topographic route/field survey for each of the existing intersections sufficient to design the proposed traffic signal infrastructure modifications. The limits of the proposed route/field survey for each intersection will be 300 feet along each approach to the intersection. The topographic route/field survey will be performed at Harding Avenue and 88th Street, Harding Avenue and 93rd Street, Harding Avenue and 94th Street and Harding Avenue and 95th Street. This scope of services does not include completing subsurface utility exploration services. The subsurface utility exploration services and final utility clear letters will be a responsibility of the Contractor.

- **Traffic Signal Modification Design:** CGA traffic engineers will prepare traffic signal plans which will include the addition of traffic signal loop detectors on the eastbound and westbound approaches on 88th Street, 93rd Street, 94th Street and 95th Street at Harding Avenue. CGA traffic engineers will establish design parameters for the traffic signal infrastructure required for incorporating the traffic signal loop detectors at this intersection. Modifications to the traffic signal mast arm assemblies including foundations at each intersection has not been included in this scope of services. CGA will provide a traffic signal communication plan and establish traffic controller requirements in accordance with industry standards. CGA will attend one meeting with Miami Dade County Public Works Traffic Signals and Signs Division to discuss the timing modifications for each intersection (Miami Dade County Assets #2914, #2917, #2918 and #3185). Traffic Capacity Analysis, Bidding Assistance and Construction Administration services have not been included in this scope of services.
- **Permitting Services:** CGA traffic engineers will coordinate with regulatory agencies including the Florida Department of Transportation and the Miami Dade Public Works Traffic Signals and Signs Division to secure plan approvals and permits necessary for construction. Any agency fees associated with the permits are the responsibility of the Client and are excluded from this proposal.

II. Professional Surveying Services

- A. CGA will conduct a topographic route/field survey for each of the existing intersections sufficient to design the proposed traffic signal infrastructure modifications. The limits of the proposed route/field survey for each intersection will be 300 feet along each approach to the intersection. The topographic route/field survey will be performed at Harding Avenue and 88th Street, Harding Avenue and 93rd Street and Harding Avenue and 94th Street and Harding Avenue and 95th Street. This scope of services does not include completing subsurface utility exploration services.

2. BASIS OF COMPENSATION:

Hourly rates with an estimated fee of \$80,947.26 plus reimbursables at \$4,047.36 with a total not to exceed amount of \$84,994.62. Payments to be made monthly.

3. SUBMITTED

Submitted by: Shelley Eich Date: 2/29/16
Shelley Eichner, AICP

4. APPROVAL

Approved by: _____ Date: _____
Joseph Kroll, Public Works Director

**TOWN OF SURFSIDE
WORK AUTHORIZATION ESTIMATE DATE**

WORK AUTHORIZATION NO. 96
PROJECT NAME Surfside Traffic Signal Modifications
CGA Proposal No. 15-8083
DESCRIPTION Preparation of Signal Modification Concept
Drawings to install new traffic loops

TITLE	RATE	HOURS/UNITS	COST
Director Engineering V	\$159.14	80	\$12,731.20
Eng Sr CADD Tech Manager	\$106.09	294	\$31,190.46
Project Engineer III	\$127.31	40	\$5,092.40
Project Manager IV	\$137.92	104	\$14,343.68
Sr. Registered Surveyor	\$137.92	12	\$1,655.04
Survey CADD Technician	\$84.87	52	\$4,413.24
Survey Crew	\$132.61	76	\$10,078.36
Survey File Compilation	\$90.18	16	\$1,442.88

\$80,947.26

SUB-CONSULTANTS **COST**

LABOR SUBTOTAL **\$80,947.26**

REIMBURSABLE SUBTOTAL **\$4,047.36**

TOTAL **\$84,994.62**

Reviewed by: _____

Joseph Kroll, Public Works Director