

RESOLUTION NO. 12- 2086

A RESOLUTION OF THE TOWN COMMISSION OF THE TOWN OF SURFSIDE, FLORIDA APPROVING WORK AUTHORIZATION NO. 53; A TWO PHASE WORK AUTHORIZATION TO INCLUDE TRAFFIC CALMING AND SEAWALL INSPECTION; AUTHORIZING THE TOWN MANAGER TO TAKE ANY NECESSARY ACTION AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Town of Surfside wishes to improve traffic flow within the Town limits and to determine the status of Town owned seawalls to avoid failure due to long term neglect; and

WHEREAS, as part of a TWO phase Work Authorization No. 53 (attached as “Exhibit A”) Calvin, Giordano and Associates, Inc. will analyze data collected from the traffic analysis, and perform plan review and on-site inspections of the Town owned seawalls; and

WHEREAS, it is in the best interest of the Town to approve Work Authorization No. 53.

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

Section 1. Recitals. The above recitals are true and correct and incorporated into this Resolution by this reference.

Section 2. Approval. That the Commission approves and authorizes Work Order No. 53 attached as “Exhibit A” without No. III.

Section 3. Authorization of Town Officials. The Town Manager is hereby authorized to take all steps necessary to complete the execution of the terms of this Resolution.

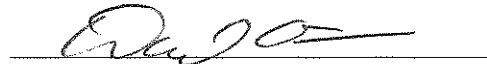
Section 4. Effective Date. This Resolution shall take effect immediately upon adoption.

PASSED AND ADOPTED this 8th day of May 2012.

Motion by Commissioner Lisbon, Second by ^{Vice Mayor} Commissioner Karukin.

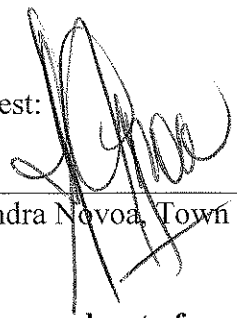
FINAL VOTE ON ADOPTION

Commissioner Michelle Kligman	<u>NO</u>
Commissioner Sheldon Lisbon	<u>YES</u>
Commissioner Marta Olchyk	<u>Absent</u>
Vice Mayor Michael Karukin	<u>Yes</u>
Mayor Daniel Dietch	<u>Yes</u>




Daniel Dietch, Mayor

Attest:



Sandra Novoa, Town Clerk

**Approved as to form and legal sufficiency
For the Town of Surfside only:**



Lynn M. Dammeisser
Town Attorney



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS

Date: May 1, 2012

Mr. Roger M. Carlton
Town Manager
TOWN OF SURFSIDE
9293 Harding Avenue
Surfside, FL 33154

RE: Work Authorization No. 53
Town Wide Traffic Study & Analysis (3 Phases)
CGA Proposal No. 12-4952

Dear Mr. Carlton,

Enclosed for your review and approval is Work Authorization No. 53 for Town Wide Traffic Study & Analysis (3 Phases). The scope of the project includes Town Wide Traffic Study & Analysis (3 Phases).

The Scope of Services to be furnished under this Work Authorization includes Government Consulting, Landscape Architecture 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 \$90,640.20.

Sincerely,

CALVIN, GIORDANO & ASSOCIATES, INC.

Shelley Eichner, AICP
Senior Vice President

Building Code Services
Code Enforcement
Construction Engineering & Inspection
Construction Services
Contract Government
Data Technologies & Development
Emergency Management Services
Engineering
Governmental Services
Indoor Air Quality
Landscape Architecture & Environmental Services
Municipal Engineering
Planning
Public Administration
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Surveying & Mapping
Transportation Planning & Traffic Engineering
Utility & Community Maintenance Services

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www.calvin-giordano.com

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West Palm Beach

Port St. Lucie

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Clearwater

Jacksonville

Atlanta

TOWN OF SURFSIDE

Town Wide Traffic Study & Analysis (3 Phases)

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 conduct a town-wide traffic analysis to determine appropriate applications for traffic calming and traffic control measures. The analysis will include the below listed tasks.
 - Data Collection: CGA will conduct morning and evening peak-hour turning movement counts at up to fifteen (15) primary intersections throughout the Town. CGA will also conduct 24-hour traffic volume counts with speed data at up to ten (10) locations throughout the Town. In addition, CGA will compile relevant, available existing traffic count data conducted in association with various studies and projects previously submitted to the Town or conducted on behalf of the Town.
 - Speed Table Analysis: Based on results obtained during the data collection phase, CGA will determine if speed tables are warranted along primary corridors throughout the Town based upon prevailing traffic calming warrants established by Miami-Dade County.
 - Traffic Circle Analysis: CGA will conduct a traffic engineering analysis to determine if traffic circles are appropriate at up to eight (8) intersection locations throughout the Town. If appropriate, CGA will develop conceptual renderings of the traffic circles.

- **Signal Timing Analysis:** CGA will examine existing morning and evening peak-hour traffic signal timing at the intersections of 96th Street with Byron Avenue and the Bal Harbour Shops to determine if timing modifications would improve intersection operations. The existing lane configuration on Byron Avenue will also be considered to determine if modifications are appropriate. In addition, CGA will examine existing morning and evening peak-hour traffic signal timing at the intersections of 96th Street with Collins Avenue and Harding Avenue.
- **Left-turn Bay Analysis:** CGA will conduct an alternatives analysis for the inclusion of an east bound and/or west bound left-turn deceleration lane on 95th Street between Collins Avenue and Harding Avenue. Existing parking conditions will be considered within the assumptions. CGA will also examine 94th Street between Collins Avenue and Harding Avenue to determine if operational changes are warranted.
- **Traffic Analysis:** CGA will analyze existing traffic conditions as well as traffic conditions resulting from proposed roadway and intersection modifications to determine capacity issues. Where capacity issues arise, CGA will propose appropriate mitigation measures. CGA will utilize traffic modeling software, such as VISSIM or SYNCHRO to identify and illustrate existing and proposed traffic levels of service, as appropriate.
- **Final Report:** CGA will develop a final report detailing the findings of the traffic analysis and recommendations for intersection and roadway modifications. Proposed improvements will incorporate Town of Surfside Gateway Signage features and graphics, where appropriate.

2. Phase I Traffic Engineering Fees = \$49,550.80

II. Professional Government Consulting Services

- A. Manage and coordinate efforts of all Phases of this proposal with both internal and sub consultant staff.
- B. Attend Public Meetings to discuss findings and recommendations for each Phase.
- C. Provide progress updates and milestones to Town Staff.

D. Seawall Inspections & Report of Findings

1. Coordinate with the City in an effort to locate copies of the construction plans for the bulkheads
2. Assuming no plans are located, prepare sketches of a typical street end and park wall sections to be used to report inspection observations. If plans are located, reproduce them for use with the inspection report base drawing(s).
3. Perform landside visual inspection of existing wall and cap face. Report any existing or potential problem areas such as spalling, openings between sheets, failure or weakening of tie back system and the condition of existing wall penetrations, walers, etc. Document observations with photographs and annotate plans or sketches.
4. Perform in water inspection (snorkel gear only) if needed to more closely evaluate sheet pile condition in the intertidal zone, wash-outs, waler condition, sheet pile displacement, and/or sheetpile corrosion.
5. Excavate up to three tie rods behind the wall to assess condition and approximate useful life of tie back system. Because of the buried nature of the tie back system, it is important to note that guarantees on the overall tie back system will be based on limited observations.
6. Prepare report with findings and recommendations

E. Phase II Seawall Inspection Fees = \$14,798.23

III. Professional Landscape Architecture Services

- A. Landscape beautification concepts for Street Ends. Up to ten locations are included in this scope.
- B. Graphics for "Typicals" where appropriate which shall include before and after images.
- C. Traffic circle beautification which shall include paving treatments, planting concepts or other design enhancements. Up to eight locations are included in this scope.

Work Authorization No. 53

May 1, 2012

Calvin, Giordano & Associates, Inc. Proposal No. 12-4952

D. Note construction documentation and construction administration is not included in this scope, but can be included as an additional service to this contract upon request.

E. Landscape Beautification Phase: \$21,938.80

2. BASIS OF COMPENSATION:

Hourly rates with an estimated fee of \$86,324.00 plus reimbursables at \$4,316.20 with a total not to exceed amount of \$90,640.20. Payments to be made monthly.

3. SUBMITTED

Submitted by: _____ Date: _____
Shelley Eichner, AICP

4. APPROVAL

Approved by: _____ Date: _____
Roger M. Carlton, Town Manager

**TOWN OF SURFSIDE
 WORK AUTHORIZATION ESTIMATE DATE**

WORK AUTHORIZATION NO. 53
PROJECT NAME Town Wide Traffic Study & Analysis (3 Phases)
 CGA Proposal No. 12-4952
DESCRIPTION Town Wide Traffic Study & Analysis (3 Phases)

TITLE	RATE	HOURS/UNITS	COST
Associate Construction	\$159.14	12	\$1,909.68
Associate Engineering VI	\$185.66	60	\$11,139.60
Consultant	\$153.00	40	\$6,120.00
Director Engineering V	\$159.14	0	\$0.00
Eng CADD Technician	\$84.87	37	\$3,140.19
Jr. Engineer I	\$90.18	342	\$30,841.56
Landscape CADD Technician	\$84.87	39	\$3,309.93
Project Manager IV	\$137.92	25	\$3,448.00
Sr Landscape Architect	\$122.00	153	\$18,666.00
			\$78,574.96
SUB-CONSULTANTS			COST
Traffic Count Consultant			\$7,750.00
			\$7,750.00
LABOR SUBTOTAL			\$86,324.96
REIMBURSABLE SUBTOTAL			\$4,316.25
TOTAL			\$90,641.21

Reviewed by: _____
 Roger M. Carlton, Town Manager



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS

**TOWN OF SURFSIDE
PROFESSIONAL FEE SCHEDULE**

Principal 212.18
Executive Assistant 74.26

ENGINEERING

Associate, Engineering 185.66
Director, Engineering 159.14
Project Manager 137.92
Resident Inspector 127.31
Project Engineer 127.31
Engineer 106.09
Jr. Engineer 90.18
Senior CADD Technician 106.09
CADD Technician 84.87
Traffic Technician 79.57
Permit Administrator 79.57
Clerical 74.26

DATA TECH DEVELOPMENT

Associate, Data Tech Dev. 159.14
GIS Coordinator 137.92
GIS Specialist 116.70
Multi-Media 3D Developer 95.48
GIS Technician 84.87
Sr. Applications Developer 169.74
Applications Developer 127.31
Network Administration 137.92
System Support Specialist 116.70
IT Support Specialist 84.87

CONSTRUCTION

Associate, Construction 159.14
Construction Management Dir. 127.31
Senior Inspector 95.48

EMERGENCY MANAGEMENT

Director 137.92
Planner 95.48
Jr. Planner 79.57

PLANNING

Associate, Planning 159.14
Director of Planning 137.92
Planning Administrator 127.31
Assistant Director 116.70
Planner 95.48
Jr. Planner 79.57

EXPERT WITNESS

Principal/Associate 318.27
Registered Engineer/Surveyor 265.23
Project Engineer 212.18

LANDSCAPE ARCHITECT

Associate, Landscape 159.14
Senior Landscape Architect 122.00
Environmental Administrator 116.70
Landscape Architect 106.09
Environmental Specialist 95.48
Landscape CADD Technician 84.87
Environmental Assistant 74.26

SURVEYING

Associate, Surveying 169.74
Hydrographic Survey Crew 344.79
G.P.S. Survey Crew 148.53
Survey Crew 132.61
Senior Registered Surveyor 137.92
Survey Coordinator 90.18
CADD Technician 84.87
Submeter G.P.S. 68.96

**MICROBIAL/INDOOR AIR
QUALITY SERVICES**

Sr. Environmental Scientist 106.09
Environmental Scientist 90.18

Building Code Services
Code Enforcement
Construction Engineering & Inspection
Construction Services
Contract Government
Data Technologies & Development
Emergency Management Services
Engineering
Governmental Services
Indoor Air Quality
Landscape Architecture & Environmental Services
Municipal Engineering
Planning
Public Administration
Redevelopment & Urban Design
Surveying & Mapping
Transportation Planning & Traffic Engineering
Utility & Community
Maintenance Services

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www.calvin-giordano.com

In addition to the hourly rates listed above, charges will include direct out-of-pocket expenses such as reproduction, overnight mail, and other reimbursables billed at a multiplier of 1.25.

https://otrnet.calvin-giordano.com/Libraries/CGA/_Documents/Professional_Fee_Schedule_-_Surfside.sfb.sfbx Effective December 1, 2009

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