



CITY OF CORAL GABLES REQUIRED COVER SHEET & CHECK LIST WHEN EVIDENCING INSURANCE

This check list was developed to identify the documents required when an entity and/or an individual is evidencing insurance to the City. All applicable boxes must be checked. This form, and other related insurance documents are available @ www.coralgables.com. Under City Departments tab, click on Human Resources, then the Risk Management Division Page.

◀◀◀ THIS FORM MUST BE SUBMITTED WHEN EVIDENCING INSURANCE TO THE CITY ▶▶▶▶

Full Legal Name (as shown on the agreement or permit with the City):	
City Department (that you are working with or that is issuing a permit):	
City Employee (contract manager or employee issuing permit):	
The name & phone # of the individual who completed this check list:	
The date this check list was completed in its entirety:	

- ☐ **A Certificate of Insurance is attached and the following information is contained therein:**
- ☐ The named insured listed on the Certificate of Insurance exactly matches the name of the individual and/or entity that is required to evidence insurance to the City.
 - ☐ The Certificate Holder section of the Certificate of Insurance reads as follows:
City of Coral Gables • Insurance Compliance
PO Box 100085 - CE • Duluth, GA 30096
 - ☐ The special provisions section of the Certificate of Insurance contains language affirming that;
 - 1) Endorsements have been issued to all required insurance policies naming the City of Coral Gables as an additional insured on a primary and non-contributory basis (except workers compensation & professional liability insurance) and;
 - 2) That all policies evidenced to the City contain a waiver of subrogation endorsement and;
 - 3) That all policies have been endorsed to ensure that the City receives the same Florida statutorily required notice of cancellation that an insurance company provides the first named insured of the policy.

IF COVERAGE IS REQUIRED FOR THE LINES OF INSURANCE BELOW, THEN THE DOCUMENTS LISTED MUST ALSO BE ATTACHED TO THE CERTIFICATE OF INSURANCE EVIDENCED TO THE CITY

- ☐ **Copies of the following Commercial General Liability Endorsements (or a copy of the section of the insurance policy that provides this coverage) are attached to this check list:**

- ☐ Endorsement (or a copy of the policy) naming the City of Coral Gables as an Additional Insured on a Primary and Non-Contributory Basis.
- ☐ Waiver of Subrogation Endorsement (or a copy of the policy) in favor of the City.
- ☐ Endorsement providing the City with the same Florida statutorily required notice of cancellation that an insurance company provides the first named insured of the policy.

- ☐ **Copies of the following Automobile Liability Endorsements (or a copy of the section of the insurance policy that provides this coverage) are attached to this check list:**

- ☐ Endorsement (or a copy of the policy) naming the City of Coral Gables as an Additional Insured on a Primary and Non-Contributory Basis.
- ☐ Waiver of Subrogation Endorsement (or a copy of the policy) in favor of the City.
- ☐ Endorsement providing the City with the same Florida statutorily required notice of cancellation that an insurance company provides the first named insured of the policy.

- ☐ **Copies of the following Workers Compensation Endorsements (or a copy of the section of the insurance policy that provides this coverage) are attached to this check list:**

- ☐ Waiver of Subrogation Endorsement (or a copy of the policy) in favor of the City.
- ☐ Endorsement providing the City with the same Florida statutorily required notice of cancellation that an insurance company provides the first named insured of the policy.

SECTION 5

Invitation for Bids (IFB) No 2017.11.MS

5.0: IFB RESPONSE FORMS

Procurement Forms (to be included in the Bid Response Submittal)

- 5.1 Bid Bond** - Contractor shall complete and submit the Bid Bond Form in accordance with Section 1.
- 5.2 Contractor's Affidavit with Schedules A through H** - Contractor shall complete, sign and notarize, as applicable, the Procurement Forms. Mark "N/A" (not applicable) on any document that does not pertain to you. Only one (1) original is required with your IFB response.
- A - Certificate of Bidder
 - B - Non Collusion Affidavit
 - C - Drug Free Statement
 - D - Bidders Qualification Statement
 - E - Code of Ethics, Conflict of Interest, Code of Silence
 - F - Americans with Disabilities Act (ADA)
 - G - Public Entity Crimes
 - H - Acknowledgement of Addenda

Construction Documents

- 5.3 Construction Agreement Draft** (for Contractor's review only),
- 5.4 Construction Forms** (forms to be used following contract award)
- Release of Liens
 - Contractor's Payment Request Form

SECTION 6

Invitation for Bids (IFB) No 2017.11.MS

6.0: SCHEDULE OF VALUES

The quantities shown are given only for the purpose of facilitating the uniform comparison of Bids submitted. The City does not guarantee that any specific quantities will be utilized. The quantities for any item may be increased, decreased, or deleted as the need occurs.

The prices stated in the bid shall include full compensation for mobilization, maintenance of traffic, overhead & profit, taxes, labor, equipment, materials, home office expenses, insurance, bond and any all other costs and expenses required, for performing and completing the work as per the Contract and Specifications.

Award of bid will be made to the lowest responsive responsible bidder who bids on all items and whose bid offers the lowest total price when all items are added together. Bidders must bid on all items. Failure to do so may deem your bid non-responsive.

Item No.	Description:	Est. Qty:	Unit Price:	Extended Amount:
1.	Furnish and install sign panels and post as shown in contract and specifications	158	\$ _____/ea	\$ _____
2.	Remove and deliver to 2800 SW 72 Avenue, Miami, FL 33128, existing speed limit signs	114	\$ _____/ea	\$ _____
Total:				\$ _____

SECTION 7

Invitation for Bids (IFB) No 2017.11.MS

7.0: TECHNICAL SPECIFICATIONS AND OTHER DOCUMENTS

The following pages contain technical specifications and additional documents for this project:

- Attachment 1 - Sign Placement Detail
- Attachment 2 – City Map
- Attachment 3 – Street Address Location Listing
- Attachment 4 - 3M Reflective Sheeting Colors and Finishes
- Attachment 5 - FDOT Design Standards

IFB 2017.11.MS

**SPEED LIMIT SIGNS, FURNISH & INSTALL
CITY OF CORAL GABLES, FL**

A.U.M CONSTRUCTION, INC

8950 NW 119th Street Hialeah Gardens, FL 33018

Humberto Ortiz
Cell: 305 345 5347
Phone: 305 456 4848
Email: ho@auminc.us

12/05/2017



CORAL GABLES, FL

City of Coral Gables, 2800 SW 72nd Avenue, Miami, FL 33155
FINANCE DEPARTMENT / PROCUREMENT DIVISION
Tel: 305-460-5102, Fax: 305-261-1601

TABLE OF CONTENTS

Invitation for Bids (IFB) No 2017.11.MS

BIDDER ACKNOWLEDGEMENT.....	p. 3
PUBLIC NOTICE.....	p. 4
CONE OF SILENCE.....	p. 6
SOLICITATION SUBMISSION CHECKLIST.....	p. 7
SECTION 1 – INTRODUCTION TO INVITATION FOR BIDS (IFB).....	p. 8
SECTION 2 – SUMMARY OF WORK.....	p. 14
SECTION 3 - GENERAL CONDITIONS.....	p. 15
SECTION 4 – INDEMNIFICATION, HOLD HARMLESS & INSURANCE REQUIREMENTS.....	p. 28
SECTION 5 – IFB RESPONSE FORMS: BID BOND, CONTRACTOR'S AFFIDAVIT, AND SCHEDULES A THROUGH H.....	p. 34
CONSTRUCTION DOCUMENTS.....	p. 46
SECTION 6 – SCHEDULE OF VALUES.....	p. 110
SECTION 7 – TECHNICAL SPECIFICATIONS AND OTHER DOCUMENTS.....	p. 111
ATTACHMENT 1 – SIGN PLACEMENT DETAIL.....	p. 112
ATTACHMENT 2 – CITY MAP.....	p. 114
ATTACHMENT 3 – STREET ADDRESS LOCATION LISTING.....	p. 116
ATTACHMENT 4 – 3M REFLECTIVE SHEETING COLORS AND FINISHES.....	p. 124
ATTACHMENT 5 – FDOT DESIGN STANDARDS.....	p. 126

CITY OF CORAL GABLES, FL

2800 SW 72nd Avenue, Miami, FL 33155
Finance Department / Procurement Division
Tel: 305-460-5102/ Fax: 305-261-1601

BIDDER ACKNOWLEDGEMENT

IFB No. 2017.11.MS SPEED LIMIT SIGNS, FURNISH & INSTALL A cone of silence is in effect with respect to this IFB. The Cone of Silence prohibits certain communication between potential vendors and the City. For further information, please refer to the City Code Section 2-1059 of the City of Coral Gables Procurement Code.	Sealed bid submittals must be received prior to 1:00 p.m., Tuesday, December 5, 2017 , by the Procurement Division, located at 2800 SW 72 nd Avenue, Miami, FL 33155 and are to remain valid for 90 calendar days. Submittals received after the specified date and time will be returned unopened. Contact: Maritza Suarez, CPPB Title: Procurement Specialist Telephone: 305-441-5745 Facsimile: 305-261-1601 Email: msuarez2@coralgables.com / contracts@coralgables.com
Bidder Name: <u>A.U.M Construction, Inc.</u> Complete Mailing Address: <u>8950 NW 119 ST</u> <u>Hialeah Gardens, FL 33018</u> Indicate type of organization below: Corporation: <input checked="" type="checkbox"/> Partnership: <input type="checkbox"/> Individual: <input type="checkbox"/> Other: <input type="checkbox"/> Bid Bond / Security Bond (if applicable) <u>5</u> %	FEIN or SS Number: <u>208 608 887</u> Telephone No. <u>305 456 4848</u> Cellular No. <u>305 345 5347</u> Fax No.: <u>786 558 7422</u> Email: <u>ho@auminc.us</u>

ATTENTION: THIS FORM ALONG WITH ALL REQUIRED IFB FORMS MUST BE COMPLETED, SIGNED (PREFERABLY IN BLUE INK), AND SUBMITTED WITH THE BID RESPONSE PRIOR TO THE SUBMITTAL DEADLINE. FAILURE TO DO SO MAY DEEM YOUR BID NON-RESPONSIVE.

THE BIDDER CERTIFIES THAT THIS SUBMITTAL IS BASED UPON ALL CONDITIONS AS LISTED IN THE IFB DOCUMENTS AND THAT THE BIDDER HAS MADE NO CHANGES IN THE IFB DOCUMENT AS RECEIVED. THE BIDDER FURTHER AGREES, IF THE BID IS ACCEPTED, THE BIDDER WILL EXECUTE AN APPROPRIATE AGREEMENT FOR THE PURPOSE OF ESTABLISHING A FORMAL CONTRACTUAL RELATIONSHIP BETWEEN THE BIDDER AND THE CITY OF CORAL GABLES, FOR THE PERFORMANCE OF ALL REQUIREMENTS TO WHICH THIS IFB PERTAINS. FURTHER, BY SIGNING BELOW PREFERABLY IN BLUE INK ALL IFB PAGES ARE ACKNOWLEDGED AND ACCEPTED, AS WELL AS, ANY SPECIAL INSTRUCTION SHEET(S), IF APPLICABLE. THE UNDERSIGNED HEREBY DECLARES (OR CERTIFIES) ACKNOWLEDGEMENT OF THESE REQUIREMENTS AND THAT HE/SHE IS AUTHORIZED TO BIND PERFORMANCE OF THIS IFB FOR THE ABOVE BIDDER.

Agree ☒ (Please check box to acknowledge this solicitation)

Humberto Ortiz President
Authorized Name and Signature Title

12/4/2017
Date

SOLICITATION SUBMISSION CHECKLIST

Invitation for Bids (IFB) No. 2017.11.MS

COMPANY NAME: (Please Print): A.U.M Construction, Inc.

Phone: 305 456 4848

Email: ho@auminc.us

-- NOTICE --

BEFORE SUBMITTING YOUR BID RESPONSE, MAKE SURE YOU...

IFB General Requirements

- ☒ 1. Have read and have a clear understanding of the IFB, including TECHNICAL SPECIFICATIONS, SUMMARY OF WORK AND OTHER DOCUMENTS.
- ☒ 2. Submit ONE (1) ORIGINAL RESPONSE and TWO (2) PHOTOCOPIES with ONE (1) disk(s) or memory stick of your IFB. (Please insert TABS on the following sections in the ORIGINAL copy – Bid Bond, Schedule of Values and Addendum Acknowledgement.)
- ☒ 3. Clearly mark the IFB NUMBER, IFB TITLE AND BIDDER'S NAME on the outside of your envelope.
- ☒ 4. Make sure your bid is submitted prior to the submittal deadline. **Late bids will not be accepted.**

Bid Submittal Format

- ☒ 5. Title Page, refer to Section 1.5(a), Bid Format
- ☒ 6. Table of Contents, refer to Section 1.5(b), Bid Format
- ☒ 7. Bidders Acknowledgement Form, refer to Section 1.5(c), Bid Format
- ☒ 8. Solicitation Submission Checklist, fill out and submit this form
- ☒ 9. Business Experience, refer to Section 1.5(e), Bid Format
- ☒ 10. Licenses, refer to Section 1.5(f), Bid Format
- ☒ 11. Key Personnel Experience, refer to Section 1.5(g), Bid Format
- ☒ 12. Experience Modification Rating (EMR) Score, refer to Section 1.5(i), Bid Format
- ☒ 13. Submit the following Forms:
 - Bid Bond
 - Notarized Contractor's Affidavit including Schedules A through H (as applicable)
- ☒ 14. Carefully review the Construction Documents; however completion of these documents is not required with bid submittal:
 - Construction Agreement (draft)
 - Construction Forms
- ☒ 15. Complete, verify and submit SCHEDULE OF VALUES, Section 6.

FAILURE TO SUBMIT CHECKLIST AND THE REQUESTED DOCUMENTATION MAY RENDER YOUR IFB RESPONSE NON-RESPONSIVE AND CONSTITUTE GROUNDS FOR REJECTION.

THIS PAGE IS TO BE RETURNED WITH YOUR RESPONSE PACKAGE.

BUSINESS EXPERIENCE

Invitation for Bids (IFB) No. 2017.11.MS

- 1- **Title:** Pedestrian Crossing Improvements.
Location: Village of Key Biscayne.
Client: Village of Key Biscayne.
Representative: Tony O. Brown.
Address: 88 W McIntyre St Key Biscayne, FL 33149
Phone: 305-365-7568
Email: tbrown@keybiscayne.fl.gov
Start date: 05/10/2016
Completed date: August 2016.

- 2- **Title:** Safe Route to School Locations Phase 10.
Location: Miami - Dade County.
Client: Miami - Dade County.
Representative: Felix Hernandez.
Address: 7100 NW 36th St Miami, FL 33166.
Phone: 305-679-0038.
Email: felixh@miamidade.gov
Start date: 03/20/2017
Completed date: On - going.

- 3- **Title:** Bus Stop Sign Replacement Project
Location: Broward County
Client: BCT
Representative: Arethia Douglas
Address: 1 N University Drive, 3100A, Plantation, FL 33324
Phone: 954-357-8375
Email: acdouglas@broward.org
Start date: 5/12/17
Completed date: On-going.



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Detail By Document Number](#) /

Detail by Entity Name

Florida Profit Corporation
AUM CONSTRUCTION INC.

Filing Information

Document Number P06000007050
FEI/EIN Number 20-8608887
Date Filed 01/13/2006
State FL
Status ACTIVE
Last Event AMENDMENT
Event Date Filed 06/17/2016
Event Effective Date NONE

Principal Address

424 SW 7TH ST., #402
MIAMI, FL 33130

Changed: 08/10/2016

Mailing Address

8950 NW 119th St
Hialeah Gardens, FL 33018

Changed: 04/19/2017

Registered Agent Name & Address

NUNEZ, RODOLFO
255 UNIVERSITY DRIVE
CORAL GABLES, FL 33158

Name Changed: 06/17/2016

Address Changed: 06/17/2016

Officer/Director Detail

Name & Address

Title Secretary

Aracil, Juan
424 SW 7 St
402

Miami, FL 33130

Title V

GONZALEZ, PATRICIA

8950 NW 119 ST

HIALEAH GARDENS, FL 33018

Title PT

ORTIZ, HUMERTO

8950 NW 119 ST

HIALEAH GARDENS, FL 33018

Annual Reports

Report Year	Filed Date
2015	03/03/2015
2016	03/09/2016
2017	04/19/2017

Document Images

04/19/2017 -- ANNUAL REPORT	View image in PDF format
06/17/2016 -- Amendment	View image in PDF format
06/17/2016 -- Off/Dir Resignation	View image in PDF format
03/09/2016 -- ANNUAL REPORT	View image in PDF format
03/03/2015 -- ANNUAL REPORT	View image in PDF format
12/08/2014 -- AMENDED ANNUAL REPORT	View image in PDF format
10/24/2014 -- AMENDED ANNUAL REPORT	View image in PDF format
07/18/2014 -- Off/Dir Resignation	View image in PDF format
07/15/2014 -- AMENDED ANNUAL REPORT	View image in PDF format
07/08/2014 -- AMENDED ANNUAL REPORT	View image in PDF format
05/01/2014 -- REINSTATEMENT	View image in PDF format
02/02/2010 -- Off/Dir Resignation	View image in PDF format
10/05/2009 -- REINSTATEMENT	View image in PDF format
07/08/2008 -- ANNUAL REPORT	View image in PDF format
07/27/2007 -- ANNUAL REPORT	View image in PDF format
01/13/2006 -- Domestic Profit	View image in PDF format



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD
2601 BLAIR STONE ROAD
TALLAHASSEE FL 32399-0783

(850) 487-1395

ORTIZ, HUMBERTO CARLOS
AUM CONSTRUCTION INC.
8950 NW 119 ST
HIALEAH GARDENS FL 33018

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently. Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION

CGC1521373

ISSUED: 08/14/2016

CERTIFIED GENERAL CONTRACTOR
ORTIZ, HUMBERTO CARLOS
AUM CONSTRUCTION INC.

IS CERTIFIED under the provisions of Ch. 489 FS
Expiration date: AUG 31, 2018 L1608140003899

DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

LICENSE NUMBER
CGC1521373

The GENERAL CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2018

ORTIZ, HUMBERTO CARLOS
AUM CONSTRUCTION INC.
8950 NW 119 ST
HIALEAH GARDENS FL 33018



ISSUED: 08/14/2016

DISPLAY AS REQUIRED BY LAW

SEQ # L1608140003899

Employment History:

2006 – Present
AUM Construction, Inc
Qualifier

1998-2006
Horsepower Electric, Inc.
Project Manager

Education and Credentials:

AA in Arts
Miami Dade Community
College 1997

BA of Arts in Political Science
Florida International
University 1998

Advanced Certificate in
Project Management
Florida International
University 2004

Professional Certificate in
Accounting and Finance
Florida International University
2004

State Certified Master
Electrician

State Certified General
Contractor

IMSA Traffic Signalization
Level I & II
IMSA Traffic Safety
Technician
IMSA Roadway Lighting
Specialist
Level I
IMSA Work Zone Safety
Certificate Specialist

Professional Qualifications

Mr. Ortiz has over nineteen years of experience in a project management capability. He manages contracts, projects and works closely with all project managers, supervisors and field personnel to ensure that each project is successfully completed on time and within the budget.

Professional Experience

Village of Key Biscayne Street Lighting, Key Biscayne, FL. Project consists of street lighting installation and maintenance as well as retrofits to LED

American Traffic Solutions Red Light Cameras, various locations throughout Miami-Dade County, FL. Maintenance of camera systems.

NW 103 Street, Miami, FL. Installation and maintenance of 20 miles of street lighting.

Miami-Dade County Streetlight Maintenance Contract, various locations throughout Miami-Dade County, FL. This is a push-button contract the is to provide on-going as needed street light maintenance. Work orders as issued simultaneously and require a fast, responsive turnaround dark streets cause a public safety concern. Supervised Maintenance of over 20,000 street lights for over twelve years.

SW 328 Street, Homestead, FL. Installation and maintenance of street lighting along SW 328 Street.

Red Light Enforcement Cameras Various Municipalities, Broward County-wide, FL. Installation of CCTV cameras, red light enforcement cameras, poles, Vehicular Detection systems and wireless communication system.

Red Light Enforcement Cameras, Various Municipalities, Palm Beach County-wide, FL. Installation of CCTV cameras, red light enforcement cameras, poles, Vehicular Detection systems, and wireless communication system.

Reversible Lane Control Signal System Improvements, Miami-Dade County Public Works Department, FL. Installation of reversible lane control signs on 22 gantries including CCTV cameras, fiber optic cables, controllers, testing, and integration with the Miami-Dade Traffic Control Center. Also included integration of a new central control equipment with County specified software.

Advanced Traffic Management System, Miami-Dade County Public Works, FL. Installation and or modification of traffic controller firmware and communication at various locations.

FDOT Push Button Construction Contract, FIN#414477-3-52-01, Traffic Operations, Miami-Dade County, FL. Traffic operation project and miscellaneous construction at various locations throughout Miami-Dade County including installation of Mast Arm and Sign Structures, Vehicular and Pedestrian Detection systems, Sidewalks and curbs, Milling and Resurfacing

FDOT Push Button Construction Contract, FIN#250566-5-52-01, Traffic Operations, Monroe County, FL. Traffic operation project and miscellaneous construction at various location throughout Monroe county including installation of Mast Arm and Sign Structures, Vehicular and Pedestrian Detection systems, School Flashers, Fire Station Wireless Preemption work, Sidewalks and curbs, Milling and Resurfacing

Red Light Enforcement Cameras, Various Municipalities, Miami-Dade County-wide, FL. Installation of CCTV cameras, red light enforcement cameras, poles, Vehicular Detection systems and wireless communication systems throughout Miami-Dade County.



A.U.M. CONSTRUCTION, INC.

P.O. Box 160999, Hialeah, FL 33016
Phone: 305-456-4848. Fax: 786-558-7422



Traffic Signal Renewal Program

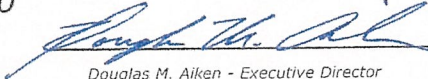
Humberto C. Ortiz

is hereby certified as a

Traffic Signal Senior Field Technician Level III

on 6/2/2017

Valid Thru 6/2/2020



Douglas M. Aiken - Executive Director



Traffic Signal Renewal Program
Humberto C. Ortiz
Is Hereby Certified as a
Traffic Signal Senior Field Technician Level III
By completing all requirements and
examination.

<u>Cert #</u>	<u>Date</u>	<u>Good Thru</u>
CE_21811	6/2/2017	6/2/2020

Certificate of Completion

Humberto C. Ortiz

**Has Completed a Florida Department of
Transportation Approved Temporary Traffic
Control (TTC) Advanced Course.**

07/20/2021

185

Kenneth W. Baldwin

30936

Date Expires

FDOT Provider #

Instructor

Certificate #

Certificate of Completion

Safety 1st Priority
750 NE 199th St. #H201
Miami, FL 33179
kabco7@yahoo.com



For more information about Temporary Traffic
Control (TTC) or to verify this certificate

www.motadmin.com



Employment History:

2017-Present
AUM Construction, Inc
Project Manager

1992-2017
Tim Whaley Contractors
Operations Manager

Professional Qualifications

Mr. Medina has over 25 years of Operations/Project Manager experience in a wide range of projects. He is specialized in handling multiple work assignments and coordinating all subcontractors' scope of work to make certain all projects are completed on time & on budget.

Professional Experience

Madie Ives Elementary School

Construction of water, sewer, storm drainage, sidewalks, paving & striping.

In charge of daily work and coordinating all subcontractor scope of work to make sure jobs were completed as per contract and schedule.

Weston City Hall

Construction of water, sewer, storm drainage, sidewalks, paving & striping. In charge of daily work and coordinating all subcontractor scope of work to make sure jobs were completed as per contract and schedule.

Westland Hialeah & North Hialeah Elementary Schools – Construction of water, sewer, storm drainage, sidewalks, paving & striping. In charge of daily work and coordinating all subcontractor scope of work to make sure jobs were completed as per contract and schedule.

Phillis Miller, Biscayne & North Beach Elementary Schools - Construction of new sidewalks, pedestrian crossings, ADA ramps, striping, signs removal & installation. Managed the entire project that will allow children to walk or ride bikes within safe routes to schools.

Nautillus Middle School & Feinberg Fisher K-8 - Construction of new sidewalks, pedestrian crossings, ADA ramps, striping, signs removal & installation. Managed the entire project that will allow children to walk or ride bikes within safe routes to schools.

Econolite/AEGIS –Installation of video detection cameras along US 1 both northbound & southbound in Miami-Dade. Scope includes running new wire, preset wire in traffic control cabinet and calibrate cameras.

ATS – Installation of new video detection cameras & new control boxes at the following different locations in Orlando, FL:

- University & International Dr
- Concord & Magnolia
- Turkey Lake & Wallace

Armando Acebal

Superintendent/ Safety Manager



Employment History:

2015 – Present
AUM Construction, Inc
Project Manager/ Superintendent

2011-2015
Underpower
Signal Technician/Foreman

2005-2011
Signal Service Industries
Signal Technician/Foreman

Certifications:

OSHA
10- hour Construction
Safety & Health

Traffic Signal Bench
Technician Level II IMSA

IMSA Florida Intermediate
Work Zone Refresher
Course

IMSA Traffic Signal
Inspector

Crane Rigger

Crane Operator

Erico Cadweld Certified

Professional Qualifications

Mr. Acebal has over 12 years of experience in the electrical industry. Mr. Acebal oversees all phases of a construction project from initial planning to completion.

Professional Experience

Florida Department of Transportation (FDOT) Roadway Lighting Maintenance Contract
Incorporating the maintenance and repairs of the State Highway Lighting System within Miami-Dade County Limits in the following interstate highways I-95, I-75, SR-826, SR-836, SR-112, SR-195, SR-924, SR-874, SR-878.

City of Homestead SW 4 Street Lighting Project – Installation of decorative street lights on SW 4th Street on the City of Homestead.

FDOT Contract E6F27 Push Button Contract for Installations and Repairs to the State Roadway Lighting System – Installations and Repairs to the State Roadway Lighting System throughout the Counties of Miami Dade and Monroe.

Miami Dade County ARRA Street Light Improvements – Installation of new street lighting including foundations, conduits, street light poles, wiring and electrical services.
FDOT Crandon Blvd. Roadway Lighting – Key Biscayne, FL

Broward County Roadway Traffic & Miscellaneous Construction – Traffic Operations projects and miscellaneous construction at various locations throughout Broward County including Drill Shaft and structures, traffic signals, traffic controller cabinets, sidewalk and curbs, milling and resurfacing, signing and pavement markings.

FDOT Contract E-6J90 Design-Build I-95 Express DMS and Toll Sign Panel Replacement Project– Replacement of 95 Express dynamic message signs (DMS), toll sign panels and DMS confirmation Closed Circuit Television (CCTV) cameras in Miami-Dade County, integrated, tested and operated from the SunGuide Transportation Management Center (TMC)

Red Light Camera Traffic Safety Program Contract BOAHP07122010 – Installation of CCTV cameras, photo enforcement cameras, vehicular detectors, and wireless communication systems throughout south and central Florida area.

Miami Dade County Push Button Traffic Signal Installation Project # 20160045 Contract - Supervision of all installation and implementation of traffic signal construction throughout Miami Dade County.

Taft St & North Park Rd Intersection Improvements- – Supervision of new traffic signal including foundations, conduits, mast arms, wiring and electrical services.



A.U.M. CONSTRUCTION, INC.

P.O. Box 160999, Hialeah, FL 33016
Phone: 305-456-4848. Fax: 786-558-7422



Traffic Signal Program

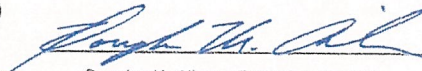
Armando Acebal

is hereby certified as a

Traffic Signal Bench Technician Level II

on 7/1/2016

Valid Thru 7/1/2019


Douglas M. Aiken - Executive Director

Traffic Signal Program

Armando Acebal

Is Hereby Certified as a

Traffic Signal Bench Technician Level II

By completing all requirements and
examination.



<u>Cert #</u>	<u>Date</u>	<u>Good Thru</u>
BB_91509	7/1/2016	7/1/2019

Certificate of Completion

This certifies that

Armando Acebal

has successfully completed the

Construction Safety & Health Safety Training

OSHA 10 - hours

April 15, 2017

Miami, Florida

Risk Control Consultants


Marco Callado
Instructor

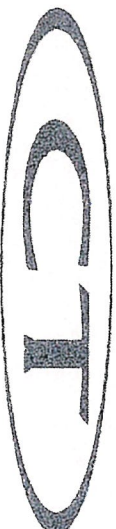
Certificate of Completion

is hereby awarded to:

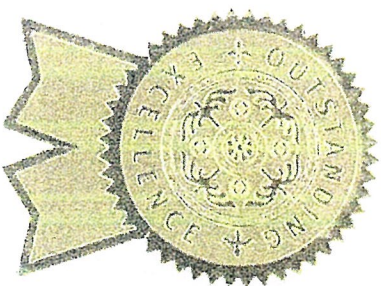
Armando Aczbal

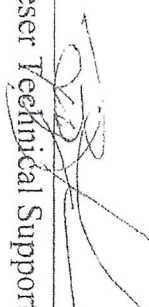
FOR SUCCESSFUL COMPLETION OF THE TRAINING COURSE:
CONTROL TECHNOLOGIES DC552X, DC660X TRAFFIC CONTROL OPERATION AND
BI TRAN SYSTEMS INC. 233 DA CONTROLLER SOFTWARE

AWARDED THE 7th of February, 2008



CONTROL TECHNOLOGIES




Bryan Kaeser Technical Support Manager



- ◆ Commercial Insurance Programs
- ◆ Roofing Contractors Insurance Programs
- ◆ Captive Insurance Programs
- ◆ OSHA Compliance
- ◆ Claims Management
- ◆ Loss Control
- ◆ Human Resources Consulting
- ◆ Construction Bonds
- ◆ Employee Group Benefits
- ◆ Personal Insurance
- ◆ Condominium Insurance

November 29, 2017

City of Coral Gables
Finance Department/Procurement Division
405 Biltmore Way
Coral Gables, FL 33134

Re: AUM Construction, Inc.
NCCI Experience Modification Rate (EMR) – 2017, 2016, 2015
NCCI Risk ID – 093184912
IFB No. 2017.11.MS

To Whom It May Concern:

This letter is to confirm that AUM Construction, Inc.'s Experience Modification Rate (EMR), as determined by the National Council on Compensation Insurance (NCCI), for the last three (3) current rating periods are as follows:

- **June 18, 2017:** 0.89
- **June 18, 2016:** 1.00
- **June 18, 2015:** 1.00

Below you will find my full contact information. Please feel free to contact me directly with any questions and/or additional information that you may need regarding the information presented in this letter.

Sincerely,

Roberto Menéndez, Vice President
Commercial Insurance Advisor
Roberto@furmaninsurance.com

PROCUREMENT FORMS

BID BOND

STATE OF FLORIDA }
COUNTY OF MIAMI DADE }SS.
CITY OF CORAL GABLES }

KNOWN ALL MEN BY THESE PRESENTS, That we as Principal, and Contractors Bonding and Insurance Company, as Surety, are held and firmly bonded unto the City of Coral Gables as Owner in the penal sum of Five Percent of Bid Amount Dollars (\$ 5%), lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has submitted to the City of Coral Gables the accompanying Bid, signed _____, and dated November 29th, 2017,
for

SPEED LIMIT SIGNS, FURNISH & INSTALL IFB 2017.11.MS CORAL GABLES, FLORIDA

in accordance with the Plans and Specifications therefore, the call for Bids or Proposals, and the Instructions to Bidders, all of which are made a part hereof by reference as if fully set forth herein.

NOW, THEREFORE,

- (a) If the Principal shall not withdraw said bid within thirty (30) days after date of opening of the same, and shall within ten (10) days after written notice being given by the City Manager or his designee, of the award of the contract, enter into a written contract with the City, in accordance with the bid as accepted, and give bond with good and sufficient surety or sureties, as may be required for the faithful performance and proper fulfillment of such contract,
- (b) in the event of the withdrawal of said bid or proposal within the period specified, or the failure to enter into such contract and give such bond within the time specified, if the Principal shall pay the City the difference between the amount specified in said bid or proposal and the amount for which the City may procure the required work and/or supplies, if the latter amount be in excess of the former, the above obligation shall be void and of no effect, otherwise to remain in full force and effect.

BID BOND

IN WITNESS HEREOF, the above bounded parties have executed this instrument under their several seals this 29th day of November, A.D., 2017, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

WITNESS

(If Sole Ownership or Partnership,
Two (2) Witnesses Required.
If Corporation, Secretary Only
will attest and affix seal).

(1) [Signature]
(2) [Signature]

PRINCIPAL

AUM Construction, Inc.
Name of Firm
[Signature] (SEAL)
Signature of Authorized Officer
President
Title

8950 NW 119th St.
Business Address

Hialeah Gardens, FL 33018
City, State

WITNESS:

(1) [Signature]
(2) [Signature]

SURETY:

Contractors Bonding and Insurance Company
Corporate Surety
[Signature] (SEAL)
Attorney-in-Fact Dora Villavicencio

1314 E. Atlantic Blvd.
Business Address

Pompano Beach, FL 33060
City, State

Frank H. Furman, Inc.
Name of Local Agency



9025 N. Lindbergh Dr. | Peoria, IL 61615
Phone: (800)645-2402 | Fax: (309)689-2036

POWER OF ATTORNEY

RLI Insurance Company

Contractors Bonding and Insurance Company

Know All Men by These Presents:

That this Power of Attorney is not valid or in effect unless attached to the bond which it authorizes executed, but may be detached by the approving officer if desired.

That this Power of Attorney may be effective and given to either or both of **RLI Insurance Company** and **Contractors Bonding and Insurance Company**, required for the applicable bond.

That **RLI Insurance Company** and/or **Contractors Bonding and Insurance Company**, each Illinois corporations (as applicable), each authorized and licensed to do business in all states and the District of Columbia do hereby make, constitute and appoint:

Dirk D. DeJong, Dora Villavicencio, Tina Shannon, Janet P. Colandrea, jointly or severally

in the City of Pompano Beach, State of Florida, as Attorney in Fact, with full power and authority hereby conferred upon him/her to sign, execute, acknowledge and deliver for and on its behalf as Surety, in general, any and all bonds, undertakings, and recognizances in an amount not to exceed Ten Million Dollars (\$10,000,000.00) for any single obligation.

The acknowledgment and execution of such bond by the said Attorney in Fact shall be as binding upon this Company as if such bond had been executed and acknowledged by the regularly elected officers of this Company.

RLI Insurance Company and **Contractors Bonding and Insurance Company**, as applicable, have each further certified that the following is a true and exact copy of the Resolution adopted by the Board of Directors of each such corporation, and now in force, to-wit:

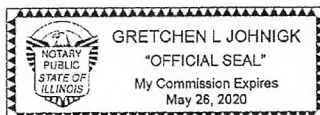
"All bonds, policies, undertakings, Powers of Attorney or other obligations of the Corporation shall be executed in the corporate name of the Corporation by the President, Secretary, any Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or Agents who shall have authority to issue bonds, policies or undertakings in the name of the Corporation. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the Corporation. The signature of any such officer and the corporate seal may be printed by facsimile or other electronic image."

IN WITNESS WHEREOF, **RLI Insurance Company** and/or **Contractors Bonding and Insurance Company**, as applicable, have caused these presents to be executed by its respective Vice President with its corporate seal affixed this 30th day of August, 2017.

State of Illinois }
County of Peoria } SS

On this 30th day of August, 2017, before me, a Notary Public, personally appeared Barton W. Davis, who being by me duly sworn, acknowledged that he signed the above Power of Attorney as the aforesaid officer of the **RLI Insurance Company** and/or **Contractors Bonding and Insurance Company**, and acknowledged said instrument to be the voluntary act and deed of said corporation.

Gretchen L. Johnnigk
Gretchen L. Johnnigk Notary Public



RLI Insurance Company
Contractors Bonding and Insurance Company

Barton W. Davis
Barton W. Davis Vice President

CERTIFICATE

I, the undersigned officer of **RLI Insurance Company**, and/or **Contractors Bonding and Insurance Company**, each Illinois corporations, do hereby certify that the attached Power of Attorney is in full force and effect and is irrevocable; and furthermore, that the Resolution of the Company as set forth in the Power of Attorney, is now in force. In testimony whereof, I have hereunto set my hand and the seal of the **RLI Insurance Company** and/or **Contractors Bonding and Insurance Company** this 29th day of November, 2017.

RLI Insurance Company
Contractors Bonding and Insurance Company

Barton W. Davis
Barton W. Davis Vice President

CONTRACTOR'S AFFIDAVIT

SUBMITTED TO: City of Coral Gables
Procurement Division
2800 SW 72 Avenue
Miami, Florida 33155

The undersigned acknowledges and understands the information contained in response to this IFB Schedules A through H shall be relied upon by Owner awarding the contract and such information is warranted by Contractor to be true and correct. The discovery of any omission or misstatements that materially affects the Contractor to perform under the contract shall be cause for the City to reject the solicitation submittal, and if necessary, terminate the award and/or contract. I further certify that the undersigned name(s) and official signatures of those persons are authorized as (*Owner, Partner, Officer, Representative or Agent of the Contractor that has submitted the attached Response*). Schedules A through H are subject to Local, State and Federal laws (as applicable); both criminal and civil.

- SCHEDULE A – CERTIFICATE OF BIDDER
- SCHEDULE B – NON-COLLUSION AND CONTINGENT FEE AFFIDAVIT
- SCHEDULE C – DRUG-FREE STATEMENT
- SCHEDULE D – BIDDER'S QUALIFICATION STATEMENT
- SCHEDULE E – CODE OF ETHICS, CONFLICT OF INTEREST, AND CODE OF SILENCE
- SCHEDULE F – AMERICANS WITH DISABILITIES ACT (ADA)
- SCHEDULE G – PUBLIC ENTITY CRIMES
- SCHEDULE H – ACKNOWLEDGEMENT OF ADDENDA

This affidavit is to be furnished to the City of Coral Gables with its IFB response. It is to be filled in, executed by the Contractor and notarized. If the Response is made by a Corporation, then it should be executed by its Chief Officer. This document MUST be submitted with the Response.

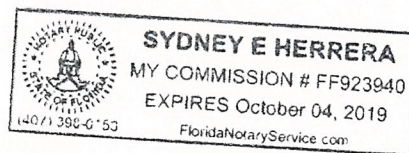
Humberto Ortiz  President 12/4/2017
Authorized Name and Signature Title Date

STATE OF Florida
COUNTY OF miami -Dade

On this 4th day of December, 20 17, before me the undersigned Notary Public of
the State of FL, personally appeared Lumberto Ortiz
(Name(s) of individual(s) who appeared before Notary)

And whose name(s) is/are subscribes to within the instrument(s), and acknowledges it's
execution.


NOTARY PUBLIC, STATE OF FL



Sydney Elizabeth Herrera.
(Name of notary Public; Print, Stamp or
Type as Commissioned.)

NOTARY PUBLIC
SEAL OF OFFICE:

Personally know to me, or Produced
Identification:

(Type of Identification Produced)

SCHEDULE "A" - CITY OF CORAL GABLES - CERTIFICATE OF BIDDER

Neither I, nor the firm, hereby represent has:

- a. employed or retained for a commission, percentage brokerage, contingent fee, or other consideration, any firm or person (other than a bona fide employee working solely for me or the Contractor) to solicit or secure this contract.
- b. agreed, as an express or implied condition for obtaining this contract, to employ or retain the services of any firm or person in connection with carrying out the contract, or
- c. paid, or agreed to pay, to any firm, organization or person (other than a bona fide employee working solely for me or the Contractor) any fee, contribution, donation or consideration of any kind for, or in connection with, procuring or carrying out the contract except as here expressly stated (if any):

SCHEDULE "B" - CITY OF CORAL GABLES - NON-COLLUSION AND CONTINGENT FEE AFFIDAVIT

1. He/she is the Humberto Ortiz
(Owner, Partner, Officer, Representative or Agent)

of the Contractor that has submitted the attached Response.

2. He/she is fully informed with respect to the preparation and contents of the attached Response and of all pertinent circumstances respecting such Response;
3. Said Response is made without any connection or common interest in the profits with any other persons making any Response to this solicitation. Said Response is on our part in all respects fair and without collusion or fraud. No head of any department, any employee or any officer of the City of Coral Gables is directly or indirectly interested therein. If any relatives of Contractor's officers or employees are employed by the City, indicate name and relationship below.

Name: N/A Relationship: _____

Name: N/A Relationship: _____

4. No lobbyist or other contractor is to be paid on a contingent or percentage fee basis in connection with the award of this Contract.

SCHEDULE "C" - CITY OF CORAL GABLES - VENDOR DRUG-FREE STATEMENT

Preference may be given to vendors submitting a certification with their bid/proposal certifying they have a drug-free workplace in accordance with Section 287.087, Florida Statutes. This requirement affects all public entities of the State and becomes effective January 1, 1991. The special condition is as follows:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under solicitation a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under solicitation, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section. As the person authorized to sign the statement, I certify that this form complies fully with the above requirements.

The company submitting this solicitation has established a Drug Free work place program in accordance with Sate Statute 287.087

SCHEDULE "D" – CITY OF CORAL GABLES - BIDDER'S QUALIFICATION STATEMENT

The undersigned declares the truth and correctness of all statements and all answers to questions made hereinafter:

Company Name: A. U. M Construction, Inc

Address: 8950 NW 119 St Hialeah Gardens, FL 33018
Street City State Zip Code

Telephone No: 305 456 4848 Fax No: 786 5587422 Email: ho@auminc.us

How many years has your organization been in business under its present name? 11 Years

If Contractor is operating under Fictitious Name, submit evidence of compliance with Florida Fictitious Name Statute:

N/A

Under what former names has your business operated? : N/A

At what address was that business located? N/A

Are You Certified? Yes X No _____ If Yes, **ATTACH COPY** of Certification.
Are You Licensed? Yes X No _____ If Yes, **ATTACH COPY** of License

Has your company or its senior officers ever declared bankruptcy?

Yes _____ No X If yes, explain: _____

Please identify each incident within the last five (5) years where (a) a civil, criminal, administrative, other similar proceeding was filed or is pending, if such proceeding arises from or is a dispute concerning the Contractor's rights, remedies or duties under a contract for the same or similar type services to be provided under this IFB:

N/A

Have you ever been debarred or suspended from doing business with any government entity?

Yes _____ No X If Yes, explain

**SCHEDULE "E" – CITY OF CORAL GABLES - CODE OF ETHICS, CONFLICT OF INTEREST, AND
CONE OF SILENCE**

THESE SECTIONS OF THE CITY CODE CAN BE FOUND ON THE CITY'S WEBSITE, UNDER GOVERNMENT, CITY DEPARTMENT, PROCUREMENT, PROCUREMENT LINKS, ORDINANCE NO. 2009-53; SEC 2-1055; SEC 2-677; AND SEC 2-1059, RESPECTIVELY.

IT IS HEREBY ACKNOWLEDGED THAT THE ABOVE NOTED SECTIONS OF THE CITY OF CORAL GABLES CITY CODE ARE TO BE ADHERED TO PURSUANT TO THIS SOLICITATION.

**SCHEDULE "F" - CITY OF CORAL GABLES - AMERICANS WITH DISABILITIES ACT (ADA)
DISABILITY NONDISCRIMINATION SWORN STATEMENT**

I understand that the above named firm, corporation or organization is in compliance with and agreed to continue to comply with, and assure that any sub-contractor, or third party contractor under this project complies with all applicable requirements of the laws listed below including, but not limited to, those provisions pertaining to employment, provision of programs and service, transportation, communications, access to facilities, renovations, and new construction.

The American with Disabilities Act of 1990 (ADA), Pub. L. 101-336, 104 Stat 327, 42 U.S.C. 12101, 12213 and 47 U.S.C. Sections 225 and 661 including Title I, Employment; Title 11, Public Services; Title III, Public Accommodations and Services Operated by Private Entities; Title IV, Telecommunications; and Title V, Miscellaneous Provisions.

The Florida Americans with Disabilities Accessibility Implementation Act of 1993, Sections 5553.501-553.513, Florida Statutes

The Rehabilitation Act of 1973, 229 U.S.C. Section 794

The Federal Transit Act, as amended, 49 U.S.C. Section 1612

The Fair Housing Act as amended, 42 U.S.C. Section 3601-3631

**SCHEDULE "G" - CITY OF CORAL GABLES - STATEMENT PURSUANT TO SECTION
287.133 (3) (a), FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES**

1. I understand that a "public entity crime" as define in Paragraph 287.133(1)(g), **Florida Statutes**, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any Proposal or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state or of the United States and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
2. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), **Florida Statutes**, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.

3. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime; or 2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

4. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which Proposals or applies to Proposal on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

5. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. **[indicate which statement applies.]**

☒ Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

☐ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

☐ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list.

[attach a copy of the final order]

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

SCHEDULE "H" - CITY OF CORAL GABLES - ACKNOWLEDGEMENT OF ADDENDA

1. The undersigned agrees, if this IFB is accepted, to enter in a Contract with the CITY to perform and furnish all work as specified or indicated in the IFB and Contract Documents within the Contract time indicated in the IFB and in accordance with the other terms and conditions of the solicitation and contract documents.
2. Acknowledgement is hereby made of the following Addenda, if any (identified by number) received since issuance of the Invitation for Bid.

Addendum No. 1 Date 11/7/2017 Addendum No. 4 Date 11/15/2017

Addendum No. 2 Date 11/8/2017 Addendum No. 5 Date 11/21/2017

Addendum No. 3 Date 11/9/2017 Addendum No. _____ Date _____

SECTION 6

Invitation for Bids (IFB) No 2017.11.MS

6.0: SCHEDULE OF VALUES

The quantities shown are given only for the purpose of facilitating the uniform comparison of Bids submitted. The City does not guarantee that any specific quantities will be utilized. The quantities for any item may be increased, decreased, or deleted as the need occurs.

The prices stated in the bid shall include full compensation for mobilization, maintenance of traffic, overhead & profit, taxes, labor, equipment, materials, home office expenses, insurance, bond and any all other costs and expenses required, for performing and completing the work as per the Contract and Specifications.

Award of bid will be made to the lowest responsive responsible bidder who bids on all items and whose bid offers the lowest total price when all items are added together. Bidders must bid on all items. Failure to do so may deem your bid non-responsive.

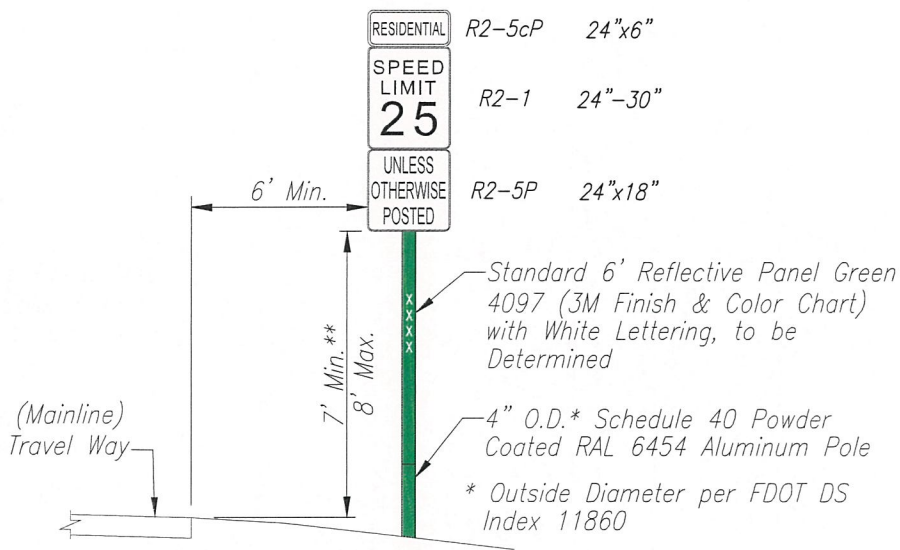
Item No.	Description:	Est. Qty:	Unit Price:	Extended Amount:
1.	Furnish and install sign panels and post as shown in contract and specifications	158	\$ <u>913.00</u> /ea	\$ <u>144,254.00</u>
2.	Remove and deliver to 2800 SW 72 Avenue, Miami, FL 33128, existing speed limit signs	114	\$ <u>50.40</u> /ea	\$ <u>5,745.60</u>
Total:				\$ <u>149,999.60</u>

EXHIBIT "B"

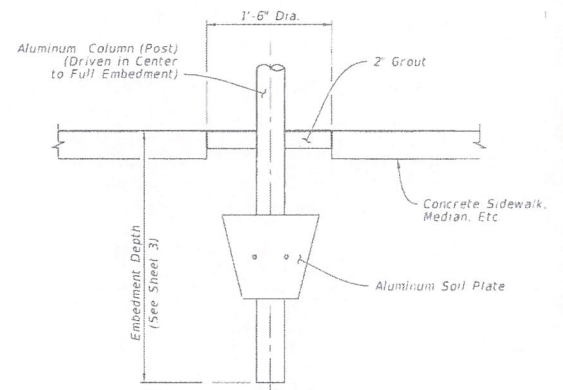
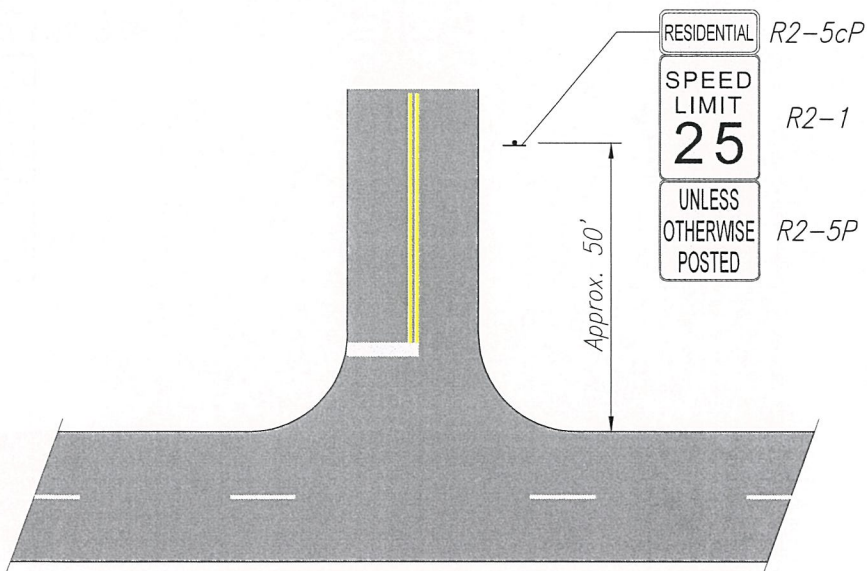
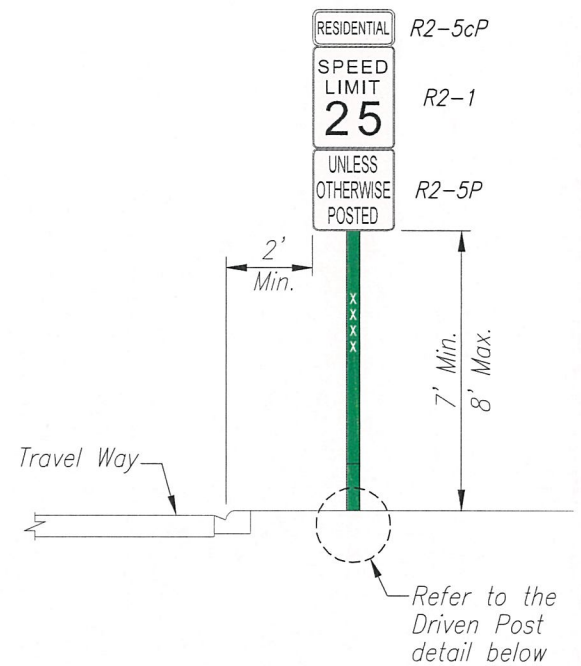
PROJECT DRAWINGS AND PLANS

ATTACHMENT 1

Sign Placement Detail



** PER FDOT DS INDEX 17302



Driven Post Detail

Note: 2" Grout is not required when installed in soil.

ALL SIGNS AND POSTS SHALL BE INSTALLED PER FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS FOR SINGLE COLUMN GROUND SIGNS

APPROVED: 09/20/2017

SCALE: N.T.S.



DEPT. OF PUBLIC WORKS
ENGINEERING DIVISION
CITY OF CORAL GABLES

STANDARD DETAILS

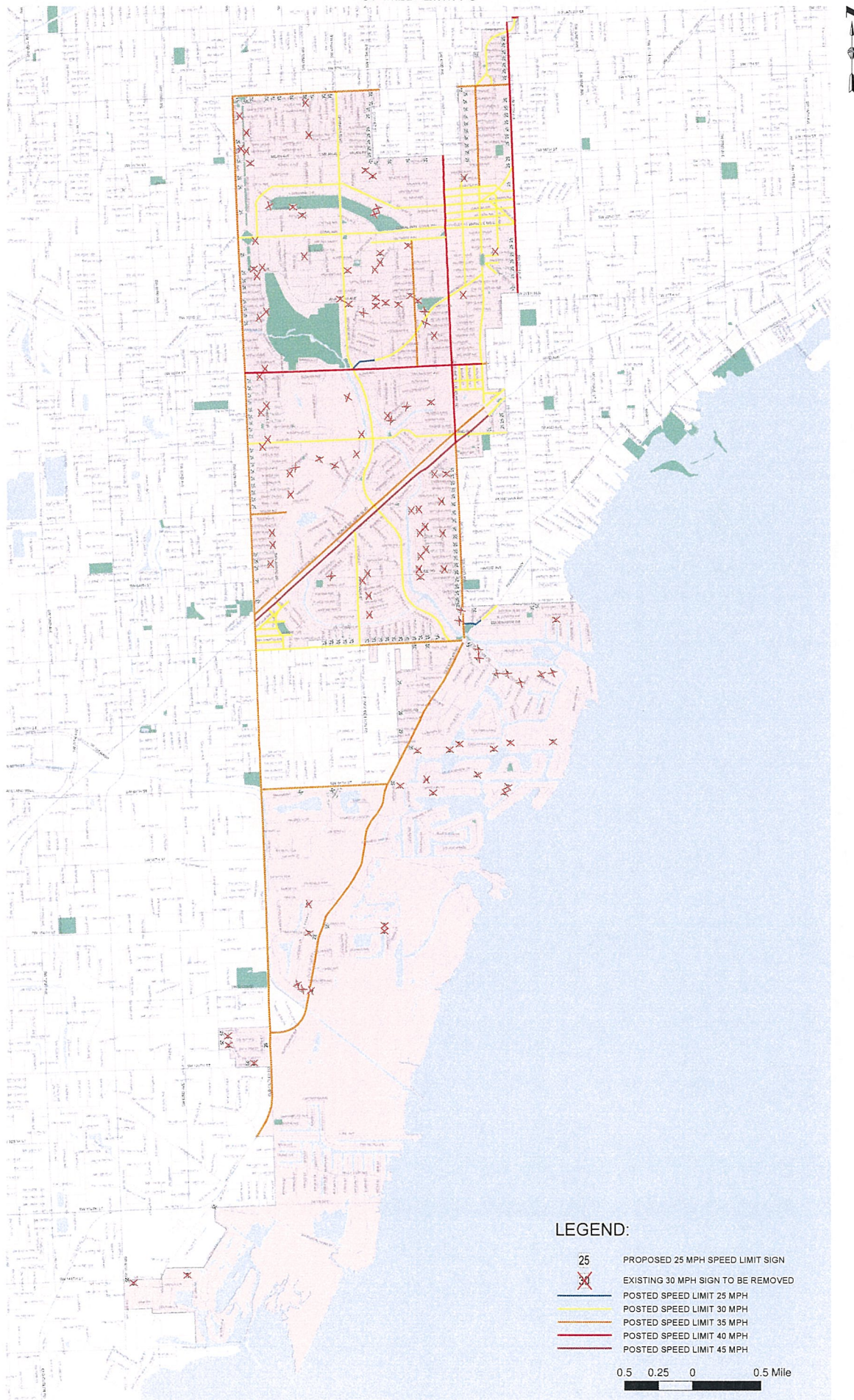
SPEED LIMIT
SIGN PLACEMENT DETAIL

ATTACHMENT 2

City Map

CITY OF CORAL GABLES

SPEED LIMITS



ATTACHMENT 3

Street Address Location Listing

Main Street	Side Street	Direction	Page
Salzedo St	N/O Navarre Ave	Northbound	1
Obispo Ave	E/O Cortez St	Eastbound	
Obispo Ave	W/O Cortez St	Westbound	
N. Greenway Dr	E/O Cortez St	Eastbound	
N. Greenway Dr	W/O Casilla St	Westbound	
S. Greenway Dr	W/O Columbus Blvd	Westbound	
N. Greenway Dr	N/O S. Greenway Dr	Northbound	
Asturia Ave	W/O Columbus Blvd	Westbound	
Columbus Blvd	S/O SW 8 St	Southbound	
Columbus Blvd	N/O Venetia Ter	Northbound	
Country Club Prado	N/O San Benito Ave	Southbound	
Country Club Prado	N/O Venetia Ave	Northbound	
Country Club Prado	N/O Milan Ave	Northbound	
Country Club Prado	S/O Venetia Ave	Southbound	
Milan Ave	W/O Ferdinand St	Eastbound	
Galiano St	S/O Almeria Ave	Southbound	2
Salzedo St	S/O San Sebastian Ave	Southbound	
Alhambra Circle	S/O Coral Way	Southbound	
Alhambra Circle	N/O Sevilla Ave	Northbound	
Alhambra Circle	S/O Sevilla Ave	Southbound	
Sevilla Ave	E/O Country Club Prado	Westbound	
Alhambra Circle	N/O Treviño Ave	Northbound	
Alhambra Circle	S/O Treviño Ave	Southbound	
Alhambra Circle	N/O Bird Road	Northbound	
Alhambra Circle	S/O Bird Road	Southbound	
Alhambra Circle	N/O Dorado Ave	Northbound	
Alhambra Circle	S/O Dorado Ave	Southbound	
Alhambra Circle	N/O Blue Rd	Northbound	
Alhambra Circle	S/O Blue Rd	Southbound	
University Dr	N/O Blue Rd	Northbound	
University Dr	S/O Bird Road	Southbound	
San Esteban Ave	E/O Anderson Rd	Eastbound	
Anderson Rd	N/O San Esteban Ave	Northbound	
San Esteban Ave	E/O Palmarito St	Eastbound	
Jeronimo Dr	W/O Riviera Dr	Westbound	
Riviera Dr	N/O Riviera Ct	Northbound	
Riviera Dr	at Aledo Ave	Southbound	
Riviera Dr	N/O University Dr	Northbound	
Riviera Dr	E/O Palmarito St	Westbound	
Riviera Dr	W/O Anderson Rd	Westbound	
Toledo St	S/O Riviera Dr	Southbound	
Anastasia Ave	E/O Segovia St	Eastbound	
Anastasia Ave	W/O Segovia St	Westbound	
Anastasia Ave	E/O Anderson Rd	Eastbound	
Anastasia Ave	W/O Anderson Rd	Westbound	
Anastasia Ave	E/O Granada Blvd	Eastbound	

Anastasia Ave	W/O Granada Blvd	Westbound	3
Columbus Blvd	S/O Valencia Ave	Southbound	
Sevilla Ave	E/O Granada Blvd	Eastbound	
Anderson Rd	N/O Sevilla Ave	Northbound	
Anderson Rd	S/O Sevilla Ave	Southbound	
Valencia Ave	W/O Segovia St	Westbound	
Valencia Ave	E/O Anderson Rd	Eastbound	
San Amaro Dr	S/O Certosa Ave	Southbound	
Campo Sano Ave	E/O San Amaro Dr	Eastbound	
Campo Sano Ave	E/O Brunson Dr	Eastbound	
Campo Sano Ave	W/O Brunson Dr	Westbound	
University Dr	S/O Campo Sano Ave	Southbound	
San Sovino Ave	W/O LeJeune Rd	Westbound	
Maggiore st	S/O Menendez Ave	Southbound	
San Amaro Dr	S/O Ancona Ave	Southbound	
San Amaro Dr	S/O Albenga Ave	Southbound	
San Amaro Dr	N/O Mataro Ave	Northbound	
Alhambra Circle	W/O San Amaro Dr	Northbound	
Leonardo St	N/O Alfonso Ave	Northbound	
Leonardo St	N/O Placetas Ave	Northbound	
Leonardo St	N/O Hardee Rd	Northbound	
Leonardo St	S/O Hardee Rd	Southbound	
Mariposa Ave	N/O Hardee Rd	Northbound	
Riviera Dr	W/O LeJeune Rd	Northbound	
Riviera Dr	N/O Hardee Rd	Northbound	
Hardee Rd	E/O Riviera Dr	Eastbound	
Riviera Dr	S/O Miller Rd	Southbound	
San Vicente St	W/O LeJeune Rd	Northbound	
San Vicente St	N/O Daroco Ave	Northbound	
San Vicente St	S/O Daroco Ave	Southbound	
San Vicente St	S/O Luenga Ave	Southbound	
San Vicente St	N/O Luenga Ave	Northbound	
San Vicente St	S/O Miller Rd	Southbound	
Maggiore st	N/O Hardee Rd	Northbound	
Maggiore st	S/O Luenga Ave	Northbound	
Maggiore st	N/O Miller Rd	Northbound	
E Sunrise Ave	E/O Sunrise Pl	Eastbound	
Cocoplum Rd	SE/O Prado Blvd	Southbound/Eastbound	
Cocoplum Rd	NW/O Vera Ct	Southbound/Eastbound	
Cocoplum Rd	SE/O Vera Ct	Northbound/Westbound	
Cocoplum Rd	NW/O Isla Dorada Blvd	Northbound/Westbound	
Cocoplum Rd	NW/O Prado Blvd	Northbound/Westbound	
Isla Dorada Blvd	SW/O Orquidea Ave	Northbound/Eastbound	
Isla Dorada Blvd	SW/O Orquidea Ave	Southbound/Westbound	
Casuarina Concourse	W/O Guardhouse	Eastbound	
Casuarina Concourse	at First Bridge	Eastbound	
Casuarina Concourse	E/O First Bridge	Westbound	

Casuarina Concourse	E/O Second Bridge	Eastbound	4
Casuarina Concourse	E/O Second Bridge	Westbound	
Casuarina Concourse	W/O the curve	Westbound	
Arvida Pkwy	E/O Guardhouse	Eastbound	
570 Arvida Pkwy	at	Eastbound	
Arvida Pkwy	at Second Bridge	Eastbound	
Arvida Pkwy	at Second Bridge	Westbound	
Leucadendra Dr	N/O Arvida Pkwy	Northbound	
340 Leucadendra Dr	at	Eastbound	
Snapper Creek Rd	W/O Old Cutler Rd	Westbound	
Snapper Creek Rd	E/O Lakeside Dr	Westbound	
Lakeside Dr	S/O Oak Lane	Southbound	
Lakeside Dr	N/O Snapper Creek Rd	Northbound	
Old Cutler Rd	N/O Snapper Creek Rd	Northbound	
350 Campana Ave	at	Eastbound	
350 Campana Ave	at	Westbound	
SW 116 St	E/O SW 60 Ave	Eastbound	5
SW 117 St	E/O SW 60 Ave	Eastbound	
SW 119 St	E/O SW 58 Ct	Eastbound	
SW 144 St/Mitchell Dr	E/O Guardhouse	Eastbound	
SW 144 St/Mitchell Dr	W/O Permit Dr	Westbound	

Main Street	Side Street	Direction	Page
Carmona Ave	W/O SW 37 Ave/Douglas Rd	Westbound	1
Fonseca Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Marabella Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Alcantara Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Montilla Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Veragua Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Oviedo Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Boabadilla St/SW 5 St	W/O Boabadilla St	Eastbound	
Salzedo St	S/O SW 8 St	Southbound	
Antiquera Ave	E/O Salzedo St	Eastbound	
Calabria Ave	E/O Salzedo St	Eastbound	
Calabria Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Santillane Ave	E/O Salzedo St	Eastbound	
Santillane Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Phoenetia Ave	E/O Salzedo St	Eastbound	
Phoenetia Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Antilla Ave	E/O Salzedo St	Eastbound	
Antilla Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Sidonia Ave	E/O Salzedo St	Eastbound	
Sidonia Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Salamanca Ave	E/O Salzedo St	Eastbound	
Salamanca Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Menores Ave	E/O Salzedo St	Eastbound	
Menores Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Mendoza Ave	E/O Salzedo St	Eastbound	
Zamora Ave	E/O Salzedo St	Eastbound	
Zamora Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Madeira Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Navarre Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Valencia Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Hernando St	S/O SW 16 St	Southbound	
Segovia St	S/O SW 16 St	Southbound	
Casilla St	S/O SW 16 St	Southbound	
Costado St	S/O SW 16 St	Southbound	
Cortez St	S/O SW 16 St	Southbound	
Milan Ave	W/O Cortez St	Westbound	
Messina Ave	W/O Cortez St	Westbound	
Ortega Ave	W/O Cortez St	Westbound	
Venetia Ave	W/O Cortez St	Westbound	
Algeria Ave	W/O Cortez St	Westbound	
Mariana Ave	W/O Cortez St	Westbound	
Trascoro Ave	W/O Cortez St	Westbound	
Cortez St	N/O Angelo Ave	Northbound	
Cortez St	S/O SW 8 St	Southbound	
Alberca St	S/O SW 8 St	Southbound	
Granada Groves Ct	S/O SW 8 St	Southbound	

Tangier St	S/O SW 8 St	Southbound	
Columbus Blvd	S/O SW 8 St	Southbound	
Genoa St	S/O SW 8 St	Southbound	
Madrid St	S/O SW 8 St	Southbound	
El Rado St	S/O SW 8 St	Southbound	
Lisbon St	S/O SW 8 St	Southbound	
Ferdinand St	S/O SW 8 St	Southbound	
Country Club Prado	S/O SW 8 St	Southbound	
Country Club Prado	SE/O SW 8 St	Southbound/Eastbound	
Venetia Ave	E/O SW 57 Ave/Red Road	Eastbound	
Milan Ave	E/O SW 57 Ave/Red Road	Eastbound	
Obispo Ave	E/O SW 57 Ave/Red Road	Eastbound	
Cadiz Ave	E/O SW 57 Ave/Red Road	Eastbound	
S Greenway Dr	E/O SW 57 Ave/Red Road	Eastbound	
Valencia Ave	E/O SW 57 Ave/Red Road	Eastbound	2
Sevilla Ave	E/O SW 57 Ave/Red Road	Eastbound	
Palermo Ave	E/O SW 57 Ave/Red Road	Eastbound	
Catalonia Ave	E/O SW 57 Ave/Red Road	Eastbound	
Saragossa Ave	E/O SW 57 Ave/Red Road	Eastbound	
San Rafael Ave	E/O SW 57 Ave/Red Road	Eastbound	
Trevino Ave	E/O SW 57 Ave/Red Road	Eastbound	
Salvatierra Ave	E/O SW 57 Ave/Red Road	Eastbound	
Algardi Ave	E/O SW 57 Ave/Red Road	Eastbound	
Cantoria Ave	E/O SW 57 Ave/Red Road	Eastbound	
Garcia Ave	E/O SW 57 Ave/Red Road	Eastbound	
Sarria Ave	E/O SW 57 Ave/Red Road	Eastbound	
Dorado Ave	E/O SW 57 Ave/Red Road	Eastbound	
Palancia Ave	E/O SW 57 Ave/Red Road	Eastbound	
Mercado Ave	E/O SW 57 Ave/Red Road	Eastbound	
Mendavia Ave	E/O SW 57 Ave/Red Road	Eastbound	
Alegriano Ave	E/O SW 57 Ave/Red Road	Eastbound	
Mantua Ave	E/O SW 57 Ave/Red Road	Eastbound	
Cecilia Ave	E/O SW 57 Ave/Red Road	Eastbound	
Siena Ave	E/O SW 57 Ave/Red Road	Eastbound	
Certosa Ave	E/O SW 57 Ave/Red Road	Eastbound	
Robbia Ave	E/O SW 57 Ave/Red Road	Eastbound	
Urbino Ave	E/O SW 57 Ave/Red Road	Eastbound	
Almeria Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Sevilla Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Palermo Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Malaga Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Santander Ave	W/O SW 37 Ave/Douglas Rd	Westbound	
Coconut Grove Dr	NW/O SW 37 Ave/Douglas Rd	Northbound/Westbound	
Oak Ave	W/O Brooker St	Westbound	
Frow Ave	W/O Brooker St	Westbound	
Florida Ave	W/O Brooker St	Westbound	
Jefferson St	N/O Grand Ave	Northbound	

Amalfi Ave	W/O Le Jeune Rd	Westbound	
San Sovino Ave	W/O Le Jeune Rd	Westbound	
Castania Ave	W/O Le Jeune Rd	Westbound	
Bianca Ave	W/O Le Jeune Rd	Westbound	3
Perugia Ave	W/O Le Jeune Rd	Westbound	
Miller Rd	W/O Le Jeune Rd	Westbound	
Vittorio Ave	W/O Le Jeune Rd	Westbound	
Bargello Ave	W/O Le Jeune Rd	Westbound	
Luenga Ave	W/O Le Jeune Rd	Westbound	
Gerona Ave	W/O Le Jeune Rd	Westbound	
Marmore Ave	W/O Le Jeune Rd	Westbound	
Daroco Ave	W/O Le Jeune Rd	Westbound	
Savona Ave	W/O Le Jeune Rd	Westbound	
Caligula Ave	W/O Le Jeune Rd	Westbound	
Hardee Rd	W/O Le Jeune Rd	Westbound	
Barbarossa Ave	W/O Le Jeune Rd	Westbound	
Como Ave	W/O Le Jeune Rd	Westbound	
Garienda Ave	W/O Le Jeune Rd	Westbound	
Aurelia Ave	W/O Le Jeune Rd	Westbound	
Maya Ave	W/O Le Jeune Rd	Westbound	
Brighton Pl	N/O Ridgewood Rd	Southbound	
SW 37 Ave	S/O Prospect Dr	Southbound	
N Prospect Dr	E/O SW 37 Ave/Douglas Rd	Eastbound	
Trionfo St	N/O SW 72 St/Sunset Dr	Northbound	
Corsica St	N/O SW 72 St/Sunset Dr	Northbound	
Gratian St	N/O SW 72 St/Sunset Dr	Northbound	
Mentone St	N/O SW 72 St/Sunset Dr	Northbound	
Pallazzo St	N/O SW 72 St/Sunset Dr	Northbound	
Leonardo St	N/O SW 72 St/Sunset Dr	Northbound	
Capilla St	N/O SW 72 St/Sunset Dr	Northbound	
Talavera St	N/O SW 72 St/Sunset Dr	Northbound	
Portillo St	N/O SW 72 St/Sunset Dr	Northbound	
Barquera St	N/O SW 72 St/Sunset Dr	Northbound	
Altamira St	N/O SW 72 St/Sunset Dr	Northbound	
Camarin St	N/O SW 72 St/Sunset Dr	Northbound	
Mindello St	N/O SW 72 St/Sunset Dr	Northbound	
Mindello St	S/O SW 72 St/Sunset Dr	Southbound	
Tordera St	N/O SW 72 St/Sunset Dr	Northbound	
Almansa St	N/O SW 72 St/Sunset Dr	Northbound	
Almansa St	S/O SW 72 St/Sunset Dr	Southbound	
Veronese St	N/O SW 72 St/Sunset Dr	Northbound	
Ancona Ave	E/O SW 57 Ave/Red Road	Eastbound	
Baracoa Ave	E/O SW 57 Ave/Red Road	Eastbound	
Trillo Ave	E/O SW 57 Ave/Red Road	Eastbound	
Corniche Ave	E/O SW 57 Ave/Red Road	Eastbound	
Albenga Ave	E/O SW 57 Ave/Red Road	Eastbound	
Liguria Ave	E/O SW 57 Ave/Red Road	Eastbound	

Brescia Ave	E/O SW 57 Ave/Red Road	Eastbound	
Levante Ave	E/O SW 57 Ave/Red Road	Northbound/Eastbound	
Tibidabo Ave	E/O SW 47 Ave/Erwin Rd	Eastbound	
Davis Rd	E/O SW 47 Ave/Erwin Rd	Eastbound	
Saldano Ave	E/O SW 47 Ave/Erwin Rd	Eastbound	
Cocoplum Rd	SE/O Guardhouse	Southbound/Eastbound	
Casuarina Concourse	E/O Guardhouse	Eastbound	4
Arvida Pkwy	E/O Guardhouse	Eastbound	
Banyan Dr	S/O SW 88 St	Southbound	
Hammock Lakes Dr	S/O SW 88 St	Southbound	
Snapper Creek Rd	W/O Guardhouse	Westbound	
Campana Ave	E/O Guardhouse	Eastbound	
SW 116 St	E/O SW 60 Ave	Eastbound	5
SW 117 St	E/O SW 60 Ave	Eastbound	
SW 58 Ct	N/O SW 120 St	Northbound	
SW 117 Terrace	W/O Old Cutler Rd	Westbound	
SW Guadalajara St	E/O Old Cutler Rd	Eastbound	
SW 144 St/Mitchell Dr	E/O Guardhouse	Eastbound	

ATTACHMENT 4

3M Reflective Sheeting Colors and Finishes

3M Reflective Sheeting

for Permanent Signing

3M™ Diamond Grade™ DG³ Reflective Sheeting



White 4090



Green 4097



Yellow 4091



Fluorescent Yellow 4081



Red 4092



Fluorescent Yellow
Green 4083



Blue 4095



Fluorescent Orange 4084

3M™ High Intensity Grade Prismatic Reflective Sheeting



White 3930



Yellow 3931



Red 3932



Blue 3935



Green 3937



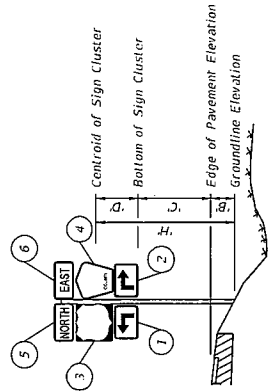
Orange 3934

3M Innovation

ATTACHMENT 5

FDOT Design Standards

STEP 1: Calculate the area and the centroid for an individual sign or a sign cluster. Note that the centroid and areas have been calculated for frequently used signs. These are shown on Sheets 6, 7, 8 and 9.



$$\Sigma(A_i) = 2,218 \text{ in.}^2 = 15.4 \text{ ft.}^2 \quad \Sigma(X_i \cdot A_i) = -1,890 \text{ in.}^2 = -1.09 \text{ ft.}^2 \quad \Sigma(Y_i \cdot A_i) = 60,133 \text{ in.}^2 = 34.8 \text{ ft.}^2$$
$$X_c = \frac{\Sigma(X_i \cdot A_i)}{\Sigma(A_i)} = \frac{-1,890}{2,218} = -0.85 \text{ ft.}$$
$$Y_c = \frac{\Sigma(Y_i \cdot A_i)}{\Sigma(A_i)} = \frac{60,133}{2,218} = 27.1 \text{ ft.}$$

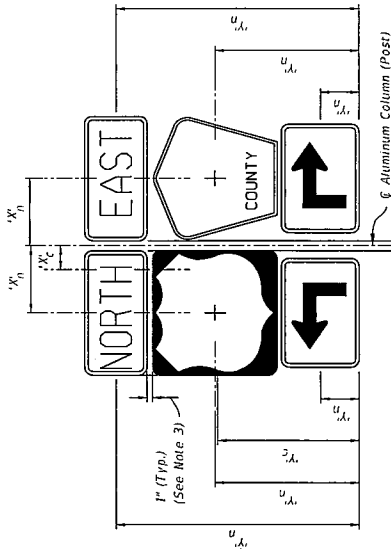
STEP 2: Determine the height 'H' from groundline to the centroid of the individual sign or sign cluster.

Assume: 'B' = 1 ft., 'C' = 7 ft.
Calculated: $X_c = -0.1 \text{ ft.}$, $Y_c = 7 \text{ ft.}$
Since $X_c = -0.1 < 0$, it is not a cantilever sign, only dark-bolt lines in the table will be referenced to.

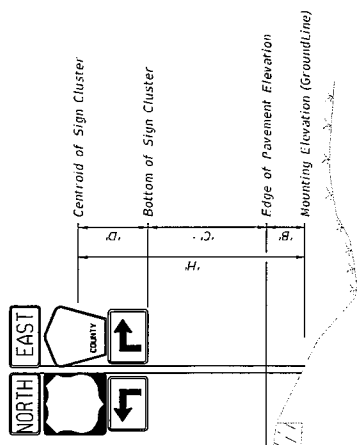
$$H = B + C + D = 10.26 \text{ ft.} \quad \Sigma(A_i) = 15.4 \text{ ft.}^2 \quad \Rightarrow \text{USE 16 ft.}^2$$

STEP 3: Refer to the Aluminum Column (Post) Selection Tables and find the intersection point. See Sheet 3.

		ALUMINUM COLUMN (POST) SELECTION TABLE																			
		H (FT)																			
W	D	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46
3 ft	2	2.5	2.5	2.5	3	3	3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
4 ft	2	2.5	2.5	2.5	3	3	3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
5 ft	2.5	3	3	3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
6 ft	3	3	3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
7 ft	3	3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
8 ft	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
9 ft	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
10 ft	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
12 ft	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
14 ft	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
16 ft	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
18 ft	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
20 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
22 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
24 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
26 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
28 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
30 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
32 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
34 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
36 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
38 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
40 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
42 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
44 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
46 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
48 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
50 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
52 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
54 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
56 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
58 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
60 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
62 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
64 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
66 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
68 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
70 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
72 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
74 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
76 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
78 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
80 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
82 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
84 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
86 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
88 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
90 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
92 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
94 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
96 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
98 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
100 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
102 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
104 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
106 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
108 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
110 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
112 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
114 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
116 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
118 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
120 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
122 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
124 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
126 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
128 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
130 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
132 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
134 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
136 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
138 ft	4	4	4	4	4	4	4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
140 ft	4	4	4	4	4	4	4	4.5	4.5	4.5											



TYPICAL SECTION



TYPICAL SECTION

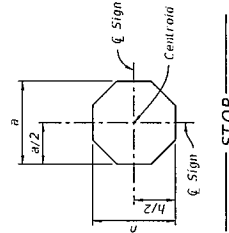
$$x_c = \frac{\sum (x_n \times A_n)}{\sum A_n}$$

$$y_c = \frac{\sum (y_n \times A_n)}{\sum A_n}$$

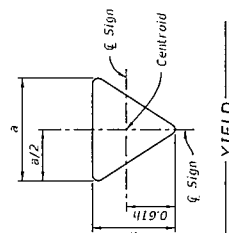
- A_n = Area of individual sign
- B = Height of the edge of pavement from the mounting elevation
- C = Height of the bottom of the sign or cluster from the edge of pavement elevation
- D = Height of the centroid of the sign or cluster from the bottom of the sign or cluster
- h = Individual sign height
- H = Height of sign or cluster centroid from groundline
- a = Individual sign width
- x_c = Centroid horizontal location of sign or cluster from ξ Aluminum Column (Post)
- y_c = Centroid height of sign or cluster from bottom of sign cluster
- x_n = Individual sign centroid horizontal location from ξ Aluminum Column (Post)
- y_n = Individual sign centroid height from bottom of sign cluster

- NOTES:
- For D & C see Index No. 17302 and Roadway Plans.
 - Do not exceed an area of 30 SF or a width of 60 inches for a sign or a sign cluster, including rotated sign panels.
 - Vertical sign spacing (1" shown on Sign Cluster detail) also applies to rotated signs.

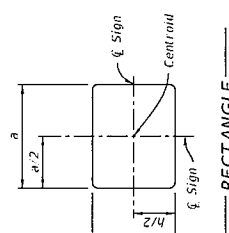
CALCULATION OF SIGN CLUSTER CENTROID



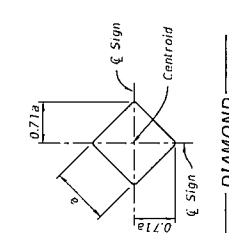
STOP



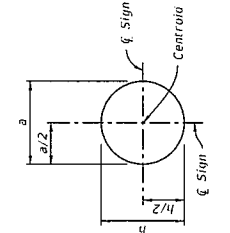
YIELD



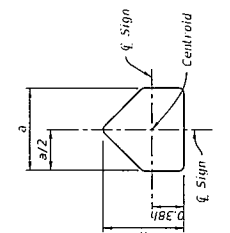
RECTANGLE



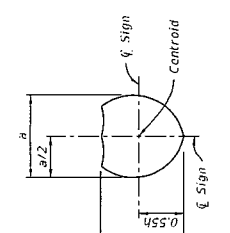
DIAMOND



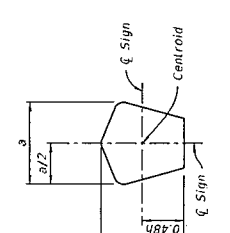
RAILROAD



SCHOOL



SHIELD



COUNTY

LAST REVISION 11/01/16

FDOT
FY 2017-18
DESIGN STANDARDS

SINGLE COLUMN GROUND SIGNS

CENTROID AND HEIGHT

INDEX NO. 11860-Page 128 of 9

SPEED LIMIT SIGNS, FURNISH INSTALL

ALUMINUM COLUMN (POST) SELECTION TABLE (O.D. in.)														
H' (FT)														
	8 ft	9 ft	10 ft	11 ft	12 ft	13 ft	14 ft	15 ft	16 ft	17 ft	18 ft	19 ft	20 ft	
3 sf	2	2.5	2.5	2.5	3	3	3	3	3.5	3.5	3.5	3.5	3.5	
4 sf	2.5	2.5	3	3	3	3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	
5 sf	2.5	3	3	3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4	4	
6 sf	3	3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4	4	4	
7 sf	3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4	4	4	4	4	
8 sf	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4	4	4	4	4	4	
9 sf	3.5	3.5	3.5	3.5	3.5	3.5	4	4	4	4	4	4	4	
10 sf	3.5	3.5	3.5	3.5	3.5	4	4	4	4	4	4	4.5	4.5	
11 sf	3.5	3.5	3.5	3.5	4	4	4	4	4	4	4.5	4.5	4.5	
12 sf	3.5	3.5	4	4	4	4	4	4	4	4.5	4.5	4.5	5	
13 sf	3.5	3.5	4	4	4	4	4	4	4.5	4.5	4.5	5	5	
14 sf	3.5	3.5	4	4	4	4	4	4.5	4.5	4.5	5	5	5	
15 sf	3.5	4	4	4	4	4	4	4.5	4.5	4.5	5	5	5	
16 sf	3.5	4	4	4	4	4	4	4.5	4.5	5	5	6	6	
17 sf	4	4	4	4	4	4	4.5	4.5	4.5	5	5	6	6	
18 sf	4	4	4	4	4	4.5	4.5	4.5	5	5	5	6	6	
19 sf	4	4	4	4	4	4.5	4.5	5	5	5	6	6	6	
20 sf	4	4	4	4	4.5	4.5	4.5	5	5	5	6	6	6	
21 sf	4	4	4	4	4.5	4.5	5	5	5	6	6	6	6	
22 sf	4	4	4	4.5	4.5	4.5	5	5	6	6	6	6	6	
23 sf	4	4	4.5	4.5	4.5	5	5	6	6	6	6	6	6	
24 sf	4	4	4.5	4.5	4.5	5	5	6	6	6	6	6	6	
25 sf	4	4	4.5	4.5	5	5	5	6	6	6	6	6	8	
26 sf	4	4.5	4.5	4.5	5	5	5	6	6	6	6	8	8	
27 sf	4	4.5	4.5	4.5	5	5	6	6	6	6	6	8	8	
28 sf	4	4.5	4.5	5	5	5	6	6	6	6	6	8	8	
29 sf	4.5	4.5	4.5	5	5	6	6	6	6	6	8	8	8	
30 sf	4.5	4.5	5	5	5	6	6	6	6	6	8	8	8	

TOTAL PANEL AREA (SF)

TOTAL PANEL AREA (SF)

ALUMINUM COLUMN (POST) SELECTION TABLE (O.D. in.)

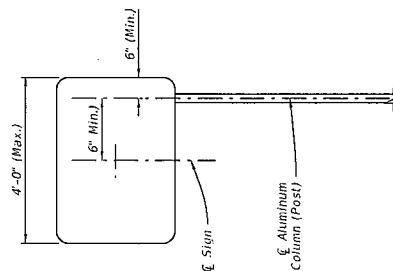
[illegible]

COLUMN (POST) AND FOUNDATION TABLE

Column (Post) Size	Foundation Alternatives				Concrete (Class II)	Embedment Depth (ft)	Stub Length (ft)
	Wall Outside Diameter (in)	Drivon Post with Embedment Depth (ft) without Soil Plate	Drivon Post with Soil Plate	Diameter (ft)			
2.0	I_{25}	4.5	2.5	2.0	2.0	2.0	
2.5	I_{35}	5.0	3.0	2.0	2.5	2.0	
3.0	I_{40}	5.0	3.5	2.0	2.5	2.5	
3.5	I_{45}	6.0	4.5	2.0	3.0	3.0	
4.0	I_{50}	6.0	5.0	2.0	3.5	3.0	
4.5	I_{55}	6.0	5.0	2.0	4.0	3.0	
5.0	I_{60}	6.0	5.0	2.0	4.5	3.0	
6.0	I_{70}	6.0	5.0	2.0	5.0	3.0	
8.0	I_{90}	6.0	5.0	2.0	5.5	3.0	

* INSTALLING FRANGIBLE COLUMN SUPPORTS:

Columns (posts) 3½" O.D. and less are frangible. Frangible columns may be installed by driving the post or the posts may be set in preformed holes. Backfill preformed holes with suitable material tamped in layers not thicker than 6" (to provide adequate compaction) or filled with flowable fill or bagged concrete.



CANTILEVER SIGN:

NOTE:


- NOTE.
1. For cantilever sign installations see Index 17302.
 2. For cantilever signs with widths greater than 4' see Index 11861.
 3. Use of driven post for cantilever sign is not permitted.

COLUMN AND FOUNDATION TABLES



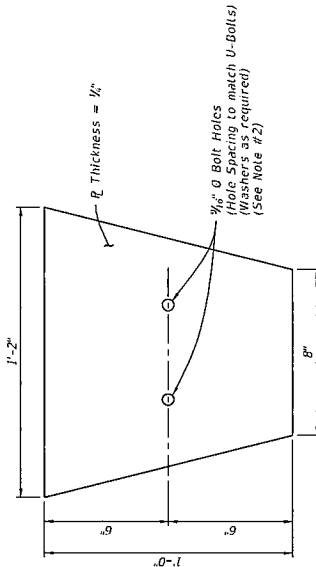
FDOT
 FY 2017-18
 DESIGN STANDARDS

SINGLE COLUMN GROUND SIGNS

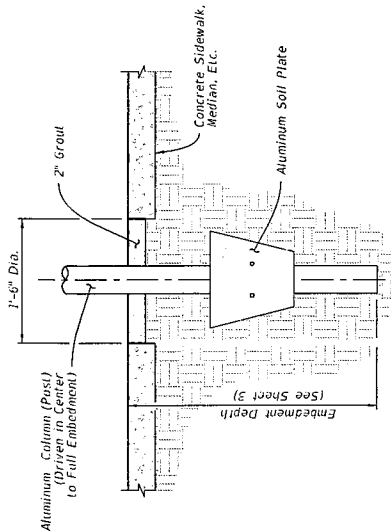
DESCRIPTION: NOISE ABATEMENT STANDARDS LAST REVISION 11/01/16 11/20/16	 FY 2017-18 DESIGN STANDARDS	SINGLE COLUMN GROUND SIGNS	INDEX NO. 11860	SHEET NO. 129 of 9
--	--	----------------------------	-----------------------	--------------------------

NOTES:

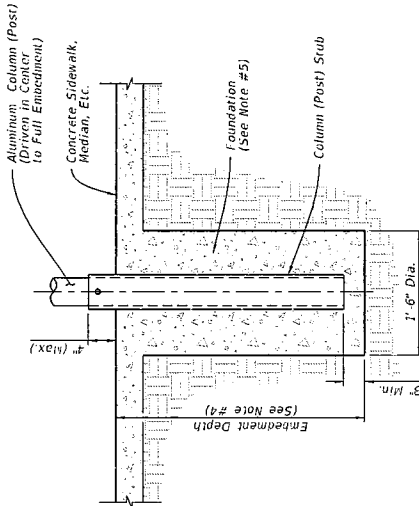
1. Align Soil Plate bottom at $\frac{3}{4}$ of embedment depth.
2. Slot up to 1" long is allowed to accommodate various Column (Post) sizes.
3. Rectangular soil plate of size 1'-2" x 1'-0" may be used as an alternative.
4. Embedment Depth is 2'-6" for 2'-0" and 2'-5" Column (Post) Stubs and 3'-6" for 3'-0" and 3'-5" Column (Post) Stubs.
5. Concrete Foundation may be Class Non Structural if poured monolithically with sidewalk or separator.



ALUMINUM SOIL PLATE DETAIL



DRIVEN POST DETAIL
(Frangible Post In Crossovers, Medians & Sidewalks)



CONCRETE/STUB DETAIL
(Frangible Post In Crossovers, Medians & Sidewalks)

DESCRIPTION:

FDOT
FY 2017-18
DESIGN STANDARDS

SINGLE COLUMN GROUND SIGNS

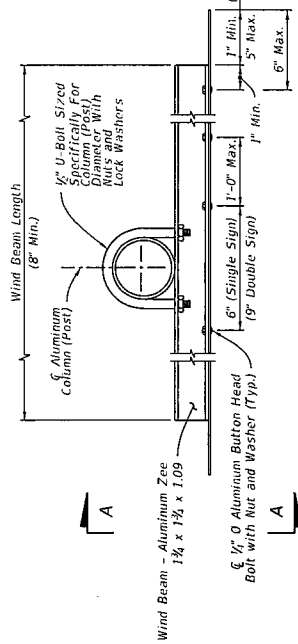
DRIVEN POST AND SOIL PLATE DETAIL

INDEX
NO.
11860

SHEET
NO.
131 of 9

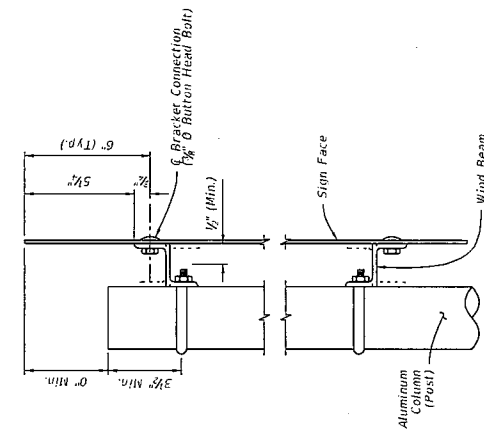
LAST
REVISION
11/01/16

SPEED LIMIT SIGNS, FURNISH INSTALL



WIND BEAM CONNECTION NOTES:

1. $\frac{3}{16}$ " \varnothing Stainless Steel Hex Head Bolts with Flat Washer under Head and Lockwasher under Nut may be used in lieu of $\frac{1}{4}$ " \varnothing Aluminum Button Head Bolts.
2. Use Nylon washers (provided by the sheeting supplier) under the button bolt heads to protect sign sheeting.
3. Slots up to 2" long are allowed in wind beams to accommodate U-Bolts for varying Column (Post) diameters.
4. Wind beams may be oriented in either direction.



WIND BEAM CONNECTIONS DETAILS

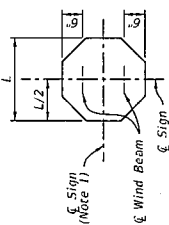
SECTION A-A

BRACKET DETAIL

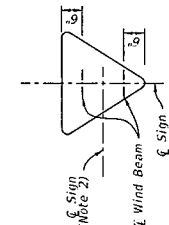
BACK-TO-BACK SIGN DETAIL

BACK-TO-BACK SIGN NOTE:

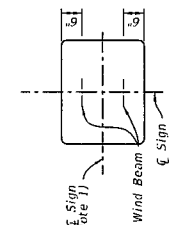
Use the area and the centroid location of the largest sign to determine aluminum column (post) size.



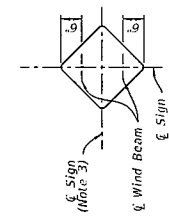
STOP



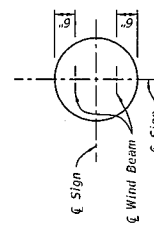
YIELD



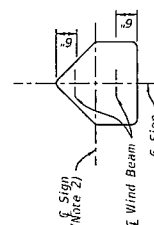
RECTANGLE



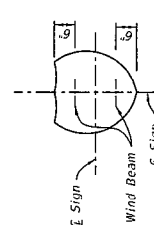
DIAMOND



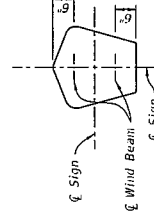
RAILROAD



SCHOOL



SHIELD



COUNTY

WIND BEAM PLACEMENT NOTES:

1. Install an additional third wind beam along the ξ for Signs with heights greater than 30" and less than 72". For rectangular signs greater than 72" maintain a maximum wind beam spacing of 24". For diamond signs, wind beams shall be evenly between the top and bottom wind beams. For rectangular signs up to 12" in height, use only one wind beam at ξ Sign.
2. Install an additional third wind beam along the ξ for Yield and School signs greater than 36".
3. Install an additional third wind beam along the ξ for Diamond signs 30" or greater.

WIND BEAM PLACEMENT DETAILS

CONNECTION AND WIND BEAMS

LAST REVISION

11/01/17

DESCRIPTION:

FY 2017-18

DESIGN STANDARDS



SINGLE COLUMN GROUND SIGNS

INDEX

11860

SHEET

9

SPEED LIMIT SIGNS, FURNISH INSTALL

	Size	Area	Total Area	Centroid
	36x12	3.00 SF		
	24x24	3.31 SF	6.31 SF	1.75 Ft.
	Size	Area	Total Area	Centroid
	36x12	3.00 SF		
	30x30	5.18 SF	8.18 SF	1.92 Ft.
	Size	Area	Total Area	Centroid
	36x12	3.00 SF		
	36x36	7.46 SF	10.46 SF	2.10 Ft.
	Size	Area	Total Area	Centroid
	36x12	3.00 SF		
	48x48	13.25 SF	16.25 SF	2.48 Ft.
	Size	Area	Total Area	Centroid
	24x24	3.31 SF		
	24x18	3.00 SF	6.31 SF	1.71 Ft.
	Size	Area	Total Area	Centroid
	30x30	5.18 SF		
	30x24	5.00 SF	10.18 SF	2.19 Ft.
	Size	Area	Total Area	Centroid
	36x36	7.46 SF		
	30x24	5.00 SF	12.46 SF	2.55 Ft.

	Size	Area	Total Area	Centroid
	36x12	3.00 SF		
	30x30	5.18 SF	13.18 SF	2.87 Ft.
	Size	Area	Total Area	Centroid
	36x12	3.00 SF		
	36x36	7.46 SF	15.46 SF	3.15 Ft.
	Size	Area	Total Area	Centroid
	30x24	5.00 SF		
	21x15	2.19 SF	6.19 SF	1.60 Ft.
	Size	Area	Total Area	Centroid
	24x24	4.00 SF		
	21x15	2.19 SF	7.19 SF	1.52 Ft.
	Size	Area	Total Area	Centroid
	24x12	2.00 SF		
	24x24	4.00 SF	6.00 SF	1.53 Ft.
	Size	Area	Total Area	Centroid
	24x12	2.00 SF		
	24x24	4.00 SF	7.00 SF	1.45 Ft.
	Size	Area	Total Area	Centroid
	30x15	3.13 SF		
	30x24	5.00 SF	8.13 SF	1.66 Ft.













	Size	Area	Total Area	Centroid
	24x24	4.00 SF		
	21x15	2.19 SF	6.19 SF	1.73 Ft.
	Size	Area	Total Area	Centroid
	30x24	5.00 SF		
	21x15	2.19 SF	7.19 SF	1.81 Ft.
	Size	Area	Total Area	Centroid
	24x12	2.00 SF		
	24x24	4.00 SF	8.19 SF	2.26 Ft.
	Size	Area	Total Area	Centroid
	21x15	2.19 SF		
	24x12	2.00 SF	9.19 SF	2.27 Ft.
	Size	Area	Total Area	Centroid
	30x15	3.13 SF		
	30x24	5.00 SF	10.32 SF	2.49 Ft.
	Size	Area	Total Area	Centroid
	21x15	2.19 SF		
	24x12	2.00 SF	10.19 SF	2.80 Ft.

















DESCRIPTION:
SPEED LIMIT SIGNS, FURNISH INSTALL























FDOT
FY 2017-18
DESIGN STANDARDS

SINGLE COLUMN GROUND SIGNS

INDEX NO.
11860-Page 133 of 9

  	Size	Area	Total Area	Centroid
	24x12	2.00 SF		
	24x12	2.00 SF		
	30x24	5.00 SF		2.76 Ft.
  	Size	Area	Total Area	Centroid
	21x15	2.19 SF		
	30x15	3.13 SF		
	30x24	5.00 SF		3.16 Ft.
  	Size	Area	Total Area	Centroid
	21x15	2.19 SF		
	18x18	1.71 SF		
	24x24	3.03 SF		1.72 Ft.
  	Size	Area	Total Area	Centroid
	21x15	2.19 SF		
	24x24	3.03 SF		
	30x30	4.76 SF		1.87 Ft.

 	Size	Area	Total Area	Centroid
	18x18	1.71 SF		
	21x15	2.19 SF		
	24x24	3.03 SF		1.62 Ft.
 	Size	Area	Total Area	Centroid
	21x15	2.19 SF		
	30x30	4.76 SF		1.97 Ft.
	21x15	2.19 SF		
   	Size	Area	Total Area	Centroid
	24x12	2.00 SF		
	24x12	2.00 SF		
	24x24	3.20 SF		2.87 Ft.
   	Size	Area	Total Area	Centroid
	24x12	2.00 SF		
	24x12	2.00 SF		
	30x24	3.99 SF		2.84 Ft.
   	Size	Area	Total Area	Centroid
	21x15	2.19 SF		
	24x12	2.00 SF		
	21x15	2.19 SF		

   	Size	Area	Total Area	Centroid
	30x15	3.13 SF		
	30x15	3.13 SF		
	30x24	3.99 SF		3.26 Ft.
  	Size	Area	Total Area	Centroid
	21x15	2.19 SF		
	24x24	3.20 SF		
	30x24	3.99 SF		1.67 Ft.
  	Size	Area	Total Area	Centroid
	24x12	2.00 SF		
	24x24	3.20 SF		
	30x24	3.99 SF		1.67 Ft.
   	Size	Area	Total Area	Centroid
	24x12	2.00 SF		
	30x24	3.99 SF		
	30x24	3.99 SF		1.60 Ft.
   	Size	Area	Total Area	Centroid
	30x15	3.13 SF		
	30x24	3.99 SF		
	30x24	3.99 SF		1.81 Ft.
   	Size	Area	Total Area	Centroid
	30x15	3.13 SF		
	36x36	7.20 SF		
	36x36	7.20 SF		2.27 Ft.

DESCRIPTION:

NOISE

LAST REVISION

07/04/15

11MS

SPEED LIMIT SIGNS, FURNISH-INSTALL

FDOT

DESIGN STANDARDS

FY 2017-18

SINGLE COLUMN GROUND SIGNS

INDEX NO.

11860

page 134

8 of 9

DESCRIPTION:

LAST REVISION
07/01/15
1.1MS

SPEED LIMIT SIGNS; FURNISH INSTALL



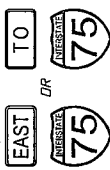

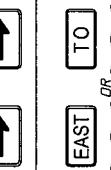
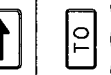
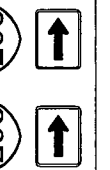

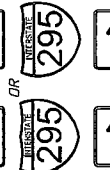

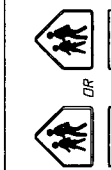





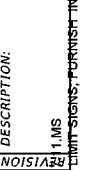
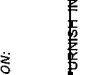














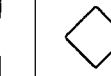
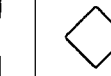
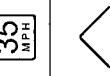
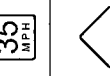


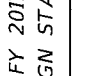
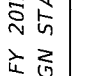


FY 2017-18
DESIGN STANDARDS

SINGLE COLUMN GROUND SIGNS

INDEX NO.
11860

SHEET NO.
9 of 9

 	Size	Area	Total Area	Centroid
	30x15	3.13 SF	12.12 SF	2.18 Ft.
 	Size	Area	Total Area	Centroid
	24x12	2.00 SF	7.39 SF	2.30 Ft.
 	Size	Area	Total Area	Centroid
	24x24	3.20 SF	8.18 SF	2.31 Ft.
 	Size	Area	Total Area	Centroid
	21x15	2.19 SF	9.31 SF	2.55 Ft.
 	Size	Area	Total Area	Centroid
	30x15	3.13 SF	12.12 SF	2.18 Ft.
 	Size	Area	Total Area	Centroid
	24x12	2.00 SF	7.39 SF	2.30 Ft.
 	Size	Area	Total Area	Centroid
	30x30	4.69 SF	10.25 SF	2.74 Ft.
 	Size	Area	Total Area	Centroid
	24x12	2.00 SF	7.39 SF	2.30 Ft.
 	Size	Area	Total Area	Centroid
	30x30	4.69 SF	10.25 SF	2.74 Ft.
 	Size	Area	Total Area	Centroid
	30x36	6.75 SF	14.00 SF	3.06 Ft.
	Size	Area	Total Area	Centroid
	30x18	3.75 SF	10.25 SF	2.74 Ft.

 	Size	Area	Total Area	Centroid
	30x30	4.69 SF	6.69 SF	1.61 Ft.
 	Size	Area	Total Area	Centroid
	24x12	2.00 SF	7.39 SF	2.30 Ft.
 	Size	Area	Total Area	Centroid
	30x30	4.69 SF	6.69 SF	1.61 Ft.
 	Size	Area	Total Area	Centroid
	30x18	3.75 SF	10.25 SF	2.74 Ft.
 	Size	Area	Total Area	Centroid
	30x30	4.69 SF	6.69 SF	1.61 Ft.
 	Size	Area	Total Area	Centroid
	24x12	2.00 SF	7.39 SF	2.30 Ft.
 	Size	Area	Total Area	Centroid
	30x36	6.75 SF	14.00 SF	3.06 Ft.
 	Size	Area	Total Area	Centroid
	30x18	3.75 SF	10.25 SF	2.74 Ft.
 	Size	Area	Total Area	Centroid
	30x30	4.69 SF	6.69 SF	1.61 Ft.
 	Size	Area	Total Area	Centroid
	24x12	2.00 SF	7.39 SF	2.30 Ft.
	Size	Area	Total Area	Centroid
	30x36	6.75 SF	14.00 SF	3.06 Ft.
	Size	Area	Total Area	Centroid
	30x30	4.69 SF	6.69 SF	1.61 Ft.

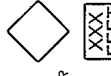
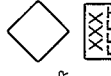







 	Size	Area	Total Area	Centroid
	30x30	6.25 SF	9.25 SF	2.51 Ft.
 	Size	Area	Total Area	Centroid
	24x18	3.00 SF	14.00 SF	3.06 Ft.
 	Size	Area	Total Area	Centroid
	36x36	9.00 SF	14.00 SF	3.06 Ft.
 	Size	Area	Total Area	Centroid
	30x24	5.00 SF	14.00 SF	3.06 Ft.

EXHIBIT "C"

CONTRACTOR'S CERTIFICATE OF INSURANCE
AND ENDORSEMENTS

RISK MANAGEMENT APPROVAL FORM

Name: AUM Construction Inc			
Account Number: CE00001786			
Address: 8950 NW 119th Street, Hialeah, FL, USA, 33018			
Status: Compliant			
ACCOUNT INFORMATION			
Account Number: CE00001786			
Risk Type: Minimum			
Do Not Call: <input type="checkbox"/>		Address Updated: <input type="checkbox"/>	
ADDRESS INFORMATION			
Mailing Address:			
Insured:			
Address 1:			
Address 2:			
City:	State:	Zip:	Country:
CONTRACT INFORMATION			
Contract Number: IFB 2017.11.MS - Speed Limit Signs, Furnish and Install			
Contract Start Date:		Contract End Date:	
Contract Effective Date:		Contract Expiration Date:	
Description of Services:		Safety Form II:	
CONTRACT INFORMATION			
Contract Name: IFB 2017.11.MS		Email Address:	
Phone Number:		Fax Number:	
Approval Date:		Rush:	
Contract on File:		Certificate Received:	
Indemnification Agreement:		Tax ID:	
Lot Number:			
For HR Purposes Only:			
Approved: <input checked="" type="checkbox"/>		Disapproved: <input type="checkbox"/>	
 Signature		2/1/18 Date	



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/29/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Frank H. Furman, Inc. 1314 East Atlantic Blvd. P. O. Box 1927 Pompano Beach FL 33061		CONTACT NAME: Sandra LaRue PHONE (A/C, No, Ext): (954) 943-5050 FAX (A/C, No): (954) 942-6310 E-MAIL ADDRESS: sandra@furmaninsurance.com															
INSURED AUM Construction Inc 8950 NW 119th St Hialeah Gardens FL 33018		<table border="1"><thead><tr><th>INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr></thead><tbody><tr><td>INSURER A: Nautilus Insurance Co</td><td>17370</td></tr><tr><td>INSURER B: Travelers Casualty Ins Co of</td><td>19046</td></tr><tr><td>INSURER C: Commerce & Industry Insurance Co</td><td>19410</td></tr><tr><td>INSURER D: Businessfirst Insurance Co</td><td>11697</td></tr><tr><td>INSURER E:</td><td></td></tr><tr><td>INSURER F:</td><td></td></tr></tbody></table>		INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Nautilus Insurance Co	17370	INSURER B: Travelers Casualty Ins Co of	19046	INSURER C: Commerce & Industry Insurance Co	19410	INSURER D: Businessfirst Insurance Co	11697	INSURER E:		INSURER F:	
INSURER(S) AFFORDING COVERAGE	NAIC #																
INSURER A: Nautilus Insurance Co	17370																
INSURER B: Travelers Casualty Ins Co of	19046																
INSURER C: Commerce & Industry Insurance Co	19410																
INSURER D: Businessfirst Insurance Co	11697																
INSURER E:																	
INSURER F:																	

COVERAGES**CERTIFICATE NUMBER:** A: 2017 ALL Policies**REVISION NUMBER:**


THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	NN833365	12/1/2017	12/1/2018	EACH OCCURRENCE \$ 1,000,000
	<input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000
							MED EXP (Any one person) \$ 5,000
							PERSONAL & ADV INJURY \$ 1,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE \$ 2,000,000
	<input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						PRODUCTS - COMP/OP AGG \$ 2,000,000
	OTHER:						\$
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY	<input checked="" type="checkbox"/>		BA2H953803	7/3/2017	7/3/2018	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
	<input checked="" type="checkbox"/> ANY AUTO ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS NON-OWNED AUTOS						BODILY INJURY (Per person) \$
	<input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/>						BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
							\$
C	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB	<input checked="" type="checkbox"/>		EBU034237698	12/1/2017	12/1/2018	EACH OCCURRENCE \$ 1,000,000
	<input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE						AGGREGATE \$ 1,000,000
	<input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$						\$
D	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	052111590	6/18/2017	6/18/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						E.L. EACH ACCIDENT \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
							E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

City of Coral Gables is included as additional insured for General Liability and Auto Liability on a primary and non contributory basis. Waiver of subrogation applies to General Liability and Worker's Compensation in favor of the City of Coral Gables, all as required by written contract.***Per Florida Statute notice of cancellation will be sent out 30 days before the effective date, except for Non-Payment. If cancelled for Non-Payment notice will be sent 10 days before the effective date.***

CERTIFICATE HOLDER**CANCELLATION**

City of Coral Gables Procurement Division ATTN: Procurement Officer 405 Biltmore Way Coral Gables, FL 33134	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE Dirk DeJong/SL 

© 1988-2014 ACORD CORPORATION. All rights reserved.

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Blanket Waiver of Subrogation Applies

This endorsement changes the policy to which it is attached and is effective on the date issued unless otherwise stated.

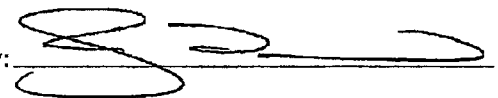
Date Prepared: April 7, 2017

Carrier: BusinessFirst Insurance Company

Effective Date of Endorsement: June 18, 2017

Policy Number: 521-11590

Countersigned by:

A handwritten signature in black ink, appearing to be "S. J. [unclear]", written over a horizontal line.

Insured: AUM Construction, Inc.

WC 00 03 13 (Ed. 4-84)

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED - PRIMARY AND NONCONTRIBUTORY -
AUTOMATIC STATUS WHEN REQUIRED IN CONTRACT OR AGREEMENT**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

- A. Section II - Who Is An Insured** is amended to include as an additional insured any person or organization when you and such person or organization have agreed in writing in a contract or agreement that such person or organization be added as an additional insured on your policy.

Such person or organization is an additional insured only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured, but only for "occurrences" or coverages not otherwise excluded in the Coverage Part to which this endorsement applies.

However, the insurance afforded to such additional insured:

1. Only applies to the extent permitted by law; and
2. Will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

- B. Status as an additional insured for the person or organization to which this endorsement applies:**

1. Commences during the policy period and after such written contract or agreement has been executed; and
2. Ends when:
 - a. Your ongoing operations for that additional insured are completed;
 - b. The contractor's contract or agreement is terminated; or
 - c. Your policy cancels or expires;whichever occurs first.

- C. With respect to the insurance afforded to the additional insured, the following additional exclusions apply:**

This insurance does not apply to:

1. "Bodily injury", "property damage", "personal and advertising injury" or medical payments arising out of the rendering of, or the failure to render, any professional architectural, engineering or surveying services, including:
 - a. The preparing, approving, or failure to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders, change orders or drawings and specifications; or
 - b. Supervisory, inspection, architectural or engineering activities.

This exclusion applies even if the claims against any insured allege negligence or other wrongdoing in the supervision, hiring, employment, training or monitoring of others by that insured, if the "occurrence" which caused the "bodily injury" or "property damage", or the offense which caused the "personal and advertising injury", involved the rendering of or the failure to render any professional architectural, engineering, or surveying services.

2. "Bodily injury" or "property damage" occurring after:
- a. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance, or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
 - b. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.
- D. With respect to the insurance afforded to the additional insured, the following is added to **Section III - Limits Of Insurance**:
- The most we will pay on behalf of the additional insured is the amount of insurance:
- 1. Required by the contract or agreement you have entered into with the additional insured; or
 - 2. Available under the applicable Limits of Insurance shown in the Declarations;
- whichever is less.
- This endorsement shall not increase the applicable Limits of Insurance shown in the Declarations.
- E. The following is **added to 4.a. of Other Insurance of Section IV - Commercial General Liability Conditions**:
- If required in a written contract, the Coverage Part to which this endorsement applies is primary and noncontributory in the event of an "occurrence" caused, in whole or in part, by your acts or omissions, or the acts or omissions of those acting on your behalf that occurs while performing ongoing operations for the additional insured.

All other terms and conditions remain unchanged.

POLICY NUMBER: NN833365

COMMERCIAL GENERAL LIABILITY

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**WAIVER OF TRANSFER OF RIGHTS OF RECOVERY
AGAINST OTHERS TO US**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Person or Organization:

CITY OF CORAL GABLES
405 BILTMORE WAY
CORAL GABLES, FL 33134

The following is **added to 8. Transfer Of Rights Of Recovery Against Others To Us of Section IV - Commercial General Liability Conditions:**

We waive any right of recovery we may have against the person or organization shown in the Schedule because of payments we make for injury or damage caused, in whole or in part, by your acts or omissions, or the acts or omissions of those acting on your behalf in the performance of your ongoing operations or "your work" done under a written contract with that person or organization and included in the "products-completed operations hazard". This waiver applies only to the person or organization shown in the Schedule.

All other terms and conditions of this policy remain unchanged.

EXHIBIT "D"

CONTRACTOR'S PAYMENT AND PERFORMANCE BONDS

BOND NO: RCB0013610

FORM OF PAYMENT BOND

BY THIS BOND, We AUM Construction, Inc.,
as Principal, hereinafter called CONTRACTOR, and Contractors Bonding and Insurance Company
as Surety, are bound to the City of Coral Gables, Florida, as Obligee, hereinafter called CITY;
in the amount of One Hundred Forty-Nine Thousand Nine Hundred Ninety-Nine & 60/100 Dollars (\$
149,999.60) for the payment whereof CONTRACTOR and Surety bind themselves, their heirs,
executors, administrators, successors and assigns, jointly and severally.

WHEREAS, CONTRACTOR has by written agreement entered into a Construction
Contract, Bid/Contract No.: 2017.11.MS awarded the _____ day of _____,
20____, with the CITY which is by reference incorporated herein and made a part hereof, and
specifically includes provision for liquidated damages and other damages;

THE CONDITION OF THIS BOND is that if CONTRACTOR:

1. Pays CITY all losses, liquidated damages, expenses, costs and attorney's fees including appellate proceedings, that CITY sustains because of default by CONTRACTOR under the Construction Contract; and
2. Promptly makes payments to all claimants as defined by Florida Statute 255.05(1) for all labor, materials and supplies used directly or indirectly by CONTRACTOR in the performance of the Construction Contract;

THEN CONTRACTOR'S OBLIGATION SHALL BE VOID; OTHERWISE, IT SHALL
REMAIN IN FULL FORCE AND EFFECT SUBJECT, HOWEVER, TO THE FOLLOWING
CONDITIONS:

- 2.1. A claimant, except a laborer, who is not in privity with CONTRACTOR and who has not received payment for its labor, materials, or supplies shall, within forty-five (45) days after beginning to furnish labor, materials, or supplies for the prosecution of the work, furnish to CONTRACTOR a notice that he intends to look to the bond for protection.
- 2.2. A claimant who is not in privity with CONTRACTOR and who has not received payment for its labor, materials, or supplies shall, within ninety (90) days after performance of the labor or after complete delivery of the materials or supplies, deliver to CONTRACTOR and to the Surety, written notice of the performance of the labor or delivery of the materials or supplies and of the nonpayment.

2.3. No action for the labor, materials, or supplies may be instituted against CONTRACTOR or the Surety unless the notices stated under the preceding conditions (2.1) and (2.2) have been given.

2.4. Any action under this Bond must be instituted in accordance with the Notice and Time Limitations provisions prescribed in Section 255.05(2), Florida Statutes.

Any changes in or under the Contract Documents and compliance or noncompliance with any formalities connected with the Construction Contract or the changes does not affect the Surety's obligation under this Bond.

DEFINITIONS

Construction Contract: For purposes of this Bond, the Construction Contract is the entire integrated agreement between the City and the Contractor, which includes the Agreement and other documents incorporated therein and all Contract Documents and the changes thereto.

Signed and sealed this 30th day of January, 2018.

ATTEST:

(Secretary)

CONTRACTOR

AUM Construction, Inc.

(Name of Corporation)

By:

(Signature)

Humberto C. Ortiz (president)
(Print Name and Title)

30th day of January, 2018.

CORPORATE SEAL

IN THE PRESENCE OF:

Sandra J. Gable

INSURANCE COMPANY:

By: Tina Shannon

Print Name: Tina Shannon, Attorney-in-Fact

Address: 1314 E. Atlantic Blvd.

(Street)


Pompano Beach, FL 33060

(City, State and Zip Code)

Telephone No: (954) 943-5050

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, Juan Mario Aracil, certify that I am the Secretary of the corporation named as Principal in the foregoing Performance and Payment Bonds; that Humberto C. Ortiz, who signed the Bond(s) on behalf of the Principal, was then President of said corporation; that I know his/her signature; and his/her signature thereto is genuine; and that said Bond(s) was (were) duly signed, sealed and attested to on behalf of said corporation by authority of its governing body.


Secretary (on behalf of) _____ (SEAL)
A. U. M. Construction, Inc.
Corporation

STATE OF FLORIDA)
) SS
COUNTY OF MIAMI-DADE)

Before me, a Notary Public duly commissioned, qualified and acting personally, appeared Juan Mario Aracil to me well known or who has provided _____ as identification, who being by me first duly sworn upon oath says that he/she has been authorized to execute the foregoing Performance and Payment Bond(s) on behalf of CONTRACTOR named therein in favor of CITY.

Subscribed and Sworn to before me this 30th day of January, 2018.

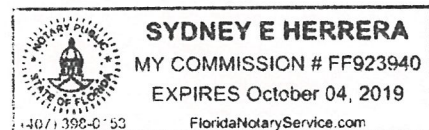
My commission expires: 10-9-19



Notary Public, State of Florida

Bonded

By: _____



PERFORMANCE BOND

BOND NO: RCB0013610

AMOUNT: \$149,999.60

KNOW ALL MEN BY THESE PRESENTS, that we, AUM Construction, Inc. a Corporation, as Principal (hereinafter called Contractor), whose principal business address and telephone number is 8950 NW 119th St., Hialeah Gardens, FL 33018; (305) 456-4848 and Contractors Bonding and Insurance Company organized and existing under and virtue of the laws of the State of Florida, as Surety (hereinafter called Surety), and authorized to transact business within the State of Florida, whose principal business address and telephone number is 9025 Lindbergh Dr., Peoria, IL 61615; (800) 645-2402, are held and firmly bound unto the City of Coral Gables, a Municipality of the State of Florida, as OBLIGEE (hereinafter called the City), in the sum of One Hundred Forty-Nine Thousand Nine Hundred Ninety-Nine & 60/100 Dollars (\$ 149,999.60), lawful money of the United States of America, for the payment of which, well and truly be made to the City, the Contractor and the Surety bind themselves and each of their heirs, executors, administrators, personal representatives, successors, and assigns, jointly and severally, firmly by these presents as follows:

WHEREAS, the CONTRACTOR has executed and entered into a Construction Contract, Bid/Contract No: 2017.11.MS, awarded the _____ day of _____, 20____, with CITY, which is by reference incorporated herein and made a part of this Bond as fully and completely as if set forth herein;

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH THAT IF CONTRACTOR:

1. In all respects fully, promptly and faithfully complies with the terms and conditions of the Construction Contract for the construction of Speed Limit Signs, Furnish and Install; and
2. Indemnifies and saves harmless the above CITY against and from all costs, expenses, damages including liquidated damages, attorney's fees, including appellate proceedings, injury, or loss to which said CITY may be subject by reason of any wrong doing, misconduct, want of care or skill, negligence, failure to complete within the prescribed time, failure to petition within the prescribed time, or default, including patent infringements, on the part of said CONTRACTOR, its agents or employees, in the execution or performance of said Construction Contract; and
3. Performs the guarantee and warranty of all work and materials furnished under the Construction Contract for the time specified in the Construction Contract;

THEN THIS BOND IS VOID; OTHERWISE IT WILL REMAIN IN FULL FORCE AND EFFECT for the term of the Construction Contract, including any and all warranty periods as specifically mentioned in said Construction Contract.

By incorporating the Construction Contract into its Performance Bond, the Surety consents to the provisions of the Construction Contract wherein Contractor's and Surety's obligations are mentioned and further agrees that if the Contractor or any party for whom the Contractor is responsible fails to perform any of its obligations pursuant to the Construction Contract, then Surety will be liable to City for all damages City may sustain and be entitled to in law and pursuant to the Construction Contract including, but not limited to, all damages to correct defects or deficiencies in Contractor's Work, to cure defaults and breaches of the Construction Contract, to add manpower, for all delay damages including Liquidated Damages, to perform the Contractor's warranty or guarantee obligations pursuant to the Construction Contract, and pay City all damages City may be entitled to. The City shall simply give the Surety the same notices that City shall be required to give to Contractor of Contractor's Default(s) pursuant to the Construction Contract to trigger Surety's liability.

The Surety is also obligated to the City without duplication for:

1. The responsibilities of the Contractor for correction of defective or deficient work, materials, and completion of the Construction Contract, including all punch list work, the performance of all warranty and guarantee obligations, including those which arise subsequent to substantial and final completion of the Construction Contract,
2. Additional legal, design professional and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act pursuant to this Bond, and
3. Liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance by the Contractor.

After notice by the City of a Contractor Default, the Surety shall be deemed to be in default on this Bond if the Surety fails to take appropriate action to cure the Contractor's Default within thirty (30) days after receipt of the written default notice from the City to the Surety demanding that the Surety perform Contractor's obligations. Should the Surety not take reasonable action to cure the default within thirty (30) days the City shall be entitled to all damages as set forth herein or in the Construction Contract and enforce any other remedy available to the City.

The Surety shall indemnify, save harmless and pay the City after thirty (30) days' additional notice from the City of the amount due.

The Surety shall be bound by any administrative decision made in accordance with the procedure for dispute resolution set forth in the Construction Contract. The statute of limitations for all claims arising under this bond shall be five (5) years from completion and acceptance of the Project as provided by Florida law.

The Surety for value received hereby stipulates and specifically agrees that no change involving any extension of time, or alteration or addition to the terms of the Construction Contract or to the Work to be performed, or materials, equipment or supplies to be furnished thereunder, or in the Plans, Drawings and Specifications accompanying the said Construction Contract shall affect the said Surety's obligation under this Bond and the said Surety does hereby waive notice of any such changes, extensions of time, alterations or

additions to the terms of the Construction Contract or to the Work, or to the Plans, Drawings and Specifications or any other changes, compliance or noncompliance to the terms of the Construction Contract or to the work or to the Specifications.

DEFINITIONS

Construction Contract: For purposes of this Bond, the Construction Contract is the entire integrated agreement between the City and the Contractor, which includes the Agreement and other documents incorporated therein and all Contract Documents and the changes thereto.

Contractor Default: Failure of the Contractor, which has not been remedied, to perform or otherwise to comply with the Construction Contract.

IN WITNESS WHEREOF, the above parties bound together have executed this instrument this 30th day of January, 2018, with the name and corporate seal of each corporate party being hereto affixed and those presents duly signed by its undersigned representative, pursuant to the authority of its governing body.

CONTRACTOR (Principal)

AUM Construction, Inc.

(Typed Name of Contractor)

ATTEST:

By:



(Signature of Officer)

(SEAL)

Humberto C. Ortiz (president)

(Typed Name and Title)

SURETY

Contractors Bonding and Insurance Company

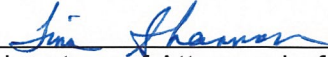
(Typed Name of Surety)



(Florida Resident Agent)

Roberto Menendez

By:



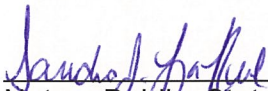
(Signature of Attorney-in-fact. Attach
Power of Attorney)

Tina Shannon

STATE OF FLORIDA

Broward COUNTY

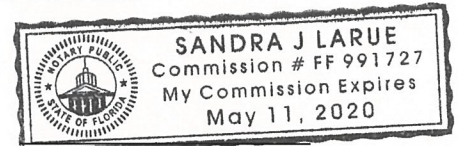
The foregoing instrument was acknowledged before me this 30th day of
January, 2018 by Tina Shannon who is
personally known to me or who has produced n/a as
identification who has executed this Bond on behalf of
Contractors Bonding & Insurance Company Surety and who did (did not) take an oath.



Notary Public, State of Florida

May 11, 2020

My commission expires



Stamp

IMPORTANT: Surety companies executing this Bond must appear on and have sufficient bonding capacity per the Treasury Department's most current list (circular 570 as amended) and be authorized to transact business in the State of Florida.



9025 N. Lindbergh Dr. | Peoria, IL 61615
Phone: (800)645-2402 | Fax: (309)689-2036

POWER OF ATTORNEY

RLI Insurance Company

Contractors Bonding and Insurance Company

Know All Men by These Presents:

That this Power of Attorney is not valid or in effect unless attached to the bond which it authorizes executed, but may be detached by the approving officer if desired.

That this Power of Attorney may be effective and given to either or both of **RLI Insurance Company** and **Contractors Bonding and Insurance Company**, required for the applicable bond.

That **RLI Insurance Company** and/or **Contractors Bonding and Insurance Company**, each Illinois corporations (as applicable), each authorized and licensed to do business in all states and the District of Columbia do hereby make, constitute and appoint:

Dirk D. DeJong, Dora Villavicencio, Tina Shannon, Janet P. Colandrea, jointly or severally

in the City of Pompano Beach, State of Florida, as Attorney in Fact, with full power and authority hereby conferred upon him/her to sign, execute, acknowledge and deliver for and on its behalf as Surety, in general, any and all bonds, undertakings, and recognizances in an amount not to exceed Ten Million Dollars (\$10,000,000.00) for any single obligation.

The acknowledgment and execution of such bond by the said Attorney in Fact shall be as binding upon this Company as if such bond had been executed and acknowledged by the regularly elected officers of this Company.

RLI Insurance Company and **Contractors Bonding and Insurance Company**, as applicable, have each further certified that the following is a true and exact copy of the Resolution adopted by the Board of Directors of each such corporation, and now in force, to-wit:

"All bonds, policies, undertakings, Powers of Attorney or other obligations of the Corporation shall be executed in the corporate name of the Corporation by the President, Secretary, any Assistant Secretary, Treasurer, or any Vice President, or by such other officers as the Board of Directors may authorize. The President, any Vice President, Secretary, any Assistant Secretary, or the Treasurer may appoint Attorneys in Fact or Agents who shall have authority to issue bonds, policies or undertakings in the name of the Corporation. The corporate seal is not necessary for the validity of any bonds, policies, undertakings, Powers of Attorney or other obligations of the Corporation. The signature of any such officer and the corporate seal may be printed by facsimile or other electronic image."

IN WITNESS WHEREOF, **RLI Insurance Company** and/or **Contractors Bonding and Insurance Company**, as applicable, have caused these presents to be executed by its respective Vice President with its corporate seal affixed this 30th day of August, 2017.

RLI Insurance Company
Contractors Bonding and Insurance Company

B. W. Davis

Barton W. Davis

Vice President

State of Illinois

County of Peoria

} SS



On this 30th day of August, 2017, before me, a Notary Public, personally appeared Barton W. Davis, who being by me duly sworn, acknowledged that he signed the above Power of Attorney as the aforesaid officer of the **RLI Insurance Company** and/or **Contractors Bonding and Insurance Company**, and acknowledged said instrument to be the voluntary act and deed of said corporation.

CERTIFICATE

I, the undersigned officer of **RLI Insurance Company**, and/or **Contractors Bonding and Insurance Company**, each Illinois corporations, do hereby certify that the attached Power of Attorney is in full force and effect and is irrevocable; and furthermore, that the Resolution of the Company as set forth in the Power of Attorney, is now in force. In testimony whereof, I have hereunto set my hand and the seal of the **RLI Insurance Company** and/or **Contractors Bonding and Insurance Company** this 30th day of January, 2018.

RLI Insurance Company
Contractors Bonding and Insurance Company

B. W. Davis

Barton W. Davis

Vice President

Gretchen L. Johnnigk

Gretchen L. Johnnigk

Notary Public



EXHIBIT "E"

CERTIFICATE OF SUBSTANTIAL COMPLETION

PROJECT: _____

ENGINEER : _____

CITY OF CORAL GABLES

BID/AGREEMENT

NO.: _____

Attention: _____

CONTRACTOR: _____

NOTICE TO PROCEED DATE: _____

DATE OF ISSUANCE: _____

THE PROJECT (OR DESIGNATED PORTION) SHALL INCLUDE:

The Work performed under this Agreement has been reviewed and found to be Substantially Complete, and all documents required to be submitted by the Contractor under the Contract Documents for the achievement of Substantial Completion have been received and accepted. The Date of Substantial Completion of the Project or portion thereof designated above is hereby established as _____ (date), which is also the date of commencement of applicable warranties required by the Contract Documents, except as stated below.

DEFINITION OF DATE OF SUBSTANTIAL COMPLETION

The Date of Substantial Completion of the Work or portion thereof designated by the City is the date certified herein, when all conditions and requirements and permits and regulatory agencies have been satisfied and the Work is sufficiently complete in accordance with the Contract Documents that all requirements for Substantial Completion have been met and the Project is available for beneficial occupancy by the City.

An initial list of items to be completed or corrected (the "Punch List") is attached hereto. The failure to include any items on such list does not alter the responsibility of Contractor to complete all Work in accordance with the Contract Documents. The date of commencement of warranties for items on the attached list will be the date of final payment, unless otherwise agreed in writing.

Engineer

Date

In accordance with Article 6.4 of the Agreement, the Contractor shall achieve final completion within thirty (30) days from the date of the delivery of the final Punch List to the Contractor.

The responsibilities of the City and Contractor for security, maintenance, heat, utilities, and insurance shall be as follows:

The initial Punch List of minor omissions and defects, as submitted by the Contractor, is as follows:

Project Manager

Date

EXHIBIT 'F'

CERTIFICATE OF FINAL COMPLETION

Owner's Project No.
Project
Owner:
Contractor:
Engineer:

Agreement Date:
Notice to Proceed Date:
Contractual Substantial Completion Date as modified by Change Orders:
Actual Substantial Completion Date:
Contractual Final Completion Date as modified by Change Orders:

The Work to which this Certificate applies has been inspected by authorized representatives of Owner, Contractor, Engineer and COCG, the punch list has been completed and the Work of the Contract is hereby declared to be Finally Complete in accordance with the Contract Documents on:

Date of Final Completion

This Certificate does not constitute an acceptance of any Work not in accordance with the Contract Documents nor is it a release of Contractor's obligation to complete the Work in accordance with the Contract Documents. The Warranty for all Work completed subsequent to the date of Substantial Completion expires one year from the date of this Final Acceptance.

Executed by Engineer on: _____

By: _____

Contractor accepts this Certificate of Final Completion on: _____

By: _____

PM accepts this Certificate of Final Completion on: _____

By: _____

COCG accepts this Certificate of Final Completion on: _____

By: _____

Project Manager

Date

PARTIAL RELEASE OF LIEN

KNOW ALL MEN BY THESE PRESENTS:

That the undersigned, for and in consideration of the payment of the sum of.....and
...../100 Dollars (\$.....) paid by
the..... receipt of which is
hereby acknowledged, hereby releases and quit claims to the said
.....its successors and assigns, and
.....the Owner, all liens, lien rights, claims or
demands of any kind whatsoever, which the undersigned now has or might have against the building on
premises legally described as

.....on account of labor performed and/or material furnished
for the construction of any improvements thereon. That all labor and materials used by the undersigned in
the erection of said improvements have been fully paid for.

This release covers a progress payment for labor, services, equipment, or material furnished
to.....through.....
....

IN WITNESS WHEREOF, I have hereunto set my hand seal this.....day of
.....,20.....

WITNESSES:(SEAL)

.....
By.....
Corporate Officer

Name:

Title:

STATE OF FLORIDA }
COUNTY OF MIAMI-DADE }SS
CITY OF CORAL GABLES }

I hereby acknowledge that the statements contained in the foregoing Release of Lien are true and
correct.

.....
Corporate Officer

Sworn to and subscribed before me thisday of, 20.....

My Commission Expires:

.....
Notary Public State of Florida at Large

FINAL RELEASE OF LIEN

KNOW ALL MEN BY THESE PRESENTS:

That the undersigned, for and in consideration of the payment of the sum of.....and
...../100 Dollars (\$.....) paid by
the..... receipt of which is
hereby acknowledged, hereby releases and quit claims to the said
.....its successors and assigns, and
.....the Owner, all liens, lien rights, claims or
demands of any kind whatsoever, which the undersigned now has or might have against the building on
premises legally described as

.....on account of labor performed and/or material furnished
for the construction of any improvements thereon. That all labor and materials used by the undersigned in
the erection of said improvements have been fully paid for.

IN WITNESS WHEREOF, I have hereunto set my hand seal this.....day of
.....,20.....

WITNESSES:(SEAL)

.....

By.....
Corporate Officer

Name:

Title:.....

STATE OF FLORIDA }
COUNTY OF MIAMI-DADE }SS
CITY OF CORAL GABLES }

I hereby acknowledge that the statements contained in the foregoing Release of Lien are true and
correct.

.....
Corporate Officer

Sworn to and subscribed before me thisday of, 20.....

My Commission Expires:

.....
Notary Public State of Florida at Large