

## **Solicitation 273-11832**

# **Annual Contract for Transportation and Mobility Capital Improvement Projects**

**Bid Designation: Public**



**City of Fort Lauderdale**

## Bid 273-11832

### Annual Contract for Transportation and Mobility Capital Improvement Projects

Bid Number 273-11832  
 Bid Title Annual Contract for Transportation and Mobility Capital Improvement Projects

Bid Start Date Nov 10, 2016 3:16:37 PM EST  
 Bid End Date Dec 16, 2016 2:00:00 PM EST  
 Question & Answer End Date Dec 7, 2016 5:00:00 PM EST

Bid Contact Jim Hemphill  
 Sr. Procurement Specialist  
 Procurement Department  
 954-828-5143  
 jhemphill@fortlauderdale.gov

Contract Duration 2 years  
 Contract Renewal 2 annual renewals  
 Prices Good for 120 days

Bid Comments **INVITATION TO BID**

Sealed bids will be received electronically until 2:00 P.M., local time, on THURSDAY, DECEMBER 8, 2016, and opened immediately thereafter in the 5th Floor Conference Room, City Hall, City of Fort Lauderdale, Florida, 100 North Andrews Avenue, for BID NO., 273-11832, ANNUAL CONTRACT FOR TRANSPORTATION AND MOBILITY CAPITAL IMPROVEMENTS

The work includes, but is not limited to, furnishing all labor, tools, equipment, materials and supplies to complete the site preparation. Work includes the installation of asphalt and concrete repairs (including the ability to make minor slope changes), compacted limerock base, construction of greenways and sidewalks, seal-coating, temporary parking space striping, painted and thermoplastic parking space striping (standard and ADA compliant spaces), pavement markings including bike lanes and midblock crosswalks, pedestrian and school zone signalization, ADA compliant curb ramps and parking related signage as needed to bring the City of Fort Lauderdale Transportation & Mobility, Parking Services Department's parking facilities into compliance with ADA Guidelines, traffic calming infrastructure, in addition to new parking lots being constructed under this contract. Work includes construction of concrete sidewalk (4" and 6" thick), various concrete curbs as noted by detail specifications, brick pavers, type S-3 asphaltic concrete pavement, speed humps, stamped asphalt, pervious concrete and brick pavers, limerock base of various depths, installation of thermostatic and/or painted pavement markings, signalization equipment, sod, landscaping, irrigation and lighting; and removal of asphalt, concrete, tree roots and other items quantified in the proposal pages of the contract.

**NOTE: Payment on this contract will be made by Visa or MasterCard.**

**Licensing Requirements:** Possession of a State of Florida General Contractors License or Broward County Certificate of Competency with State Registration or Certified Underground Utility and Excavation Contractor License is required for this project.

There will not be a pre-bid meeting or site visit for this Invitation to Bid.

Bidding blanks may be obtained free of charge at BIDSYNC.COM.

It will be the sole responsibility of the bidder to ensure that his bid is submitted prior to the bid opening date and time listed. PAPER BID SUBMITTALS WILL NOT BE ACCEPTED. BIDS MUST BE SUBMITTED ELECTRONICALLY VIA BIDSYNC.COM.

Bid Security : A certified check, cashier's check, bank officer's check or bid bond for FIVE percent (5%) of the bid amount, made payable to the City of Fort Lauderdale, Florida, shall accompany each proposal.

Bid Bonds:

Bidders can submit bid bonds for projects four different ways:

BidSync allows bidders to submit bid bonds electronically directly through their system using Surety 2000 . For more information on this feature and to access it, contact BIDSYNC customer care department.

Bidders may upload their original executed bid bond on BIDSYNC to accompany their bids with the electronic proposal, and deliver, upon request, the original, signed and sealed hard copy within five (5) business days after bid opening, with the company name, bid number and title clearly indicated.

Bidders can hand deliver their bid bond in a sealed envelope to the Finance Department/Procurement Services Division, 100 North Andrews Avenue, Room 619, Fort Lauderdale, FL 33301-1016, before time of bid opening, with the company name, bid number and title clearly indicated on the envelope.

Bidders can mail their bid bond to the Finance Department/Procurement Services Division, 100 North Andrews Avenue, Room 619, Fort Lauderdale, FL 33301-1016, before time of bid opening, with the company name, bid number and title clearly indicated on the envelope.

Certified Checks, Cashier's Checks and Bank Drafts CANNOT be submitted via BIDSYNC, nor are their images allowed to be uploaded and submitted with your electronic bid. These forms of securities, as well as hard copy bid bonds, must be received on or before the Invitation to Bid (ITB) opening date and time, at the Finance Department/Procurement Services Division, 100 North Andrews Avenue, Room 619, Fort Lauderdale, FL 33301-1016, with the bid number and title clearly indicated on the envelope.

It is the bidder's sole responsibility to ensure that his bid bond or other bid security is received by the Procurement Services Division before time of bid opening. Failure to adhere to this requirement may be grounds to consider the bid as non-responsive.

The City of Fort Lauderdale reserves the right to waive any informality in any or all bids and to reject any or all bids.

For information concerning technical specifications, please utilize the question/answer feature provided by BIDSYNC at [www.bidsync.com](http://www.bidsync.com) . Questions of a material nature must be received prior to the cut-off date specified in the solicitation. Material changes, if any, to the scope of services or bidding procedures, will only be transmitted by written addendum. (See addendum section of BIDSYNC Site). Contractors please note: No part of your bid can be submitted via FAX. No variation in price or conditions shall be permitted based upon a claim of ignorance. Submission of a bid will be considered evidence that the Contractor has familiarized himself with the nature and extent of the work, equipment, materials, and labor required. The entire bid response must be submitted in accordance with all specifications contained in this solicitation.

Information on bid results and projects currently out to bid can be obtained on the City's website – <http://www.fortlauderdale.gov/purchasing> . For general inquiries, please call (954) 828-5933.

Added on Nov 10, 2016:

Addendum #1 has been added to the Documents Page - It corrects the bid receipt date on the Invitation to Bid

Added on Nov 30, 2016:

Addendum #2 has been added to the Documents Page

Added on Dec 8, 2016:

Addendum 3 has been added to the Documents Page

Added on Dec 9, 2016:

Addendum #4 has been added to the Documents Page (Q/A's received before deadline)

**Addendum # 1**New Documents      **Addendum 1.doc****Addendum # 2**New Documents      **Addendum 2.doc****Addendum # 3**New Documents      **Addendum 3.doc****Changes were made to the following items:**

Stamped Asphaltic Concrete

**Addendum # 4**New Documents      **Addendum 4.doc****Item Response Form**

Item                      **273-11832--01-01 - Base Bid: Remove & Replace Existing Brick Pavers**

Lot Description        **Base Bid**

Quantity                **4000 square foot**

Unit Price             

Delivery Location      **City of Fort Lauderdale**

[See ITB Specifications](#)

[See ITB Specifications](#)

                              Fort Lauderdale FL 33301

                              Qty 4000

**Description**

Furnish all materials, labor, and equipment to remove existing paver bricks of various shape and thickness and replace same paver bricks, and any additional similar paver bricks as needed to properly complete repair over sand-leveling course. This item includes any sub-based repair, up to 12" of compacted limerock and sand, as required. Locking sand shall be utilized between pavers.

Item                      **273-11832--01-02 - Base Bid: Tree Roots**

Lot Description        **Base Bid**

Quantity                **35 each**

Unit Price             

Delivery Location      **City of Fort Lauderdale**

[See ITB Specifications](#)

[See ITB Specifications](#)

                              Fort Lauderdale FL 33301

Qty 35

**Description**

Furnish all materials, labor and equipment to trim, remove, and dispose of tree roots affecting curbs, gutters or concrete sidewalks, including excavation, clearing, grubbing and backfilling.

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**Item** 273-11832--01-03 - Base Bid: Asphalt Removal**Lot Description** Base Bid**Quantity** 500 square yard**Unit Price** **Delivery Location** City of Fort Lauderdale[See ITB Specifications](#)[See ITB Specifications](#)

Fort Lauderdale FL 33301

Qty 500

**Description**

Furnish all materials, labor, and equipment to remove and dispose of existing asphalt.

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**Item** 273-11832--01-04 - Base Bid: Metal Railing Removal**Lot Description** Base Bid**Quantity** 25 linear foot**Unit Price** **Delivery Location** City of Fort Lauderdale[See ITB Specifications](#)[See ITB Specifications](#)

Fort Lauderdale FL 33301

Qty 25

**Description**

Furnish all materials, labor, and equipment to remove & dispose of existing metal railing.

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**Item** 273-11832--01-05 - Base Bid: Metal or Wood Guard Rail Removal**Lot Description** Base Bid**Quantity** 25 linear foot**Unit Price** **Delivery Location** City of Fort Lauderdale[See ITB Specifications](#)[See ITB Specifications](#)

Fort Lauderdale FL 33301

Qty 25

**Description**

Furnish all materials, labor, and equipment to remove & dispose of existing metal or wood guard rail.

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**Item** 273-11832--01-06 - Base Bid: Wood or Chain-Link Fencing**Lot Description** Base Bid**Quantity** 200 linear foot**Unit Price**

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 200

**Description**

Furnish all materials, labor, and equipment to remove & dispose of existing wood or chain link fencing

Item **273-11832--01-07 - Base Bid: Saw Cut Asphalt or Concrete**

Lot Description Base Bid

Quantity **1500 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 1500

**Description**

Furnish all materials, labor, and equipment to sawcut asphalt or concrete pavement at various depths.

Item **273-11832--01-08 - Base Bid: 4-inch Thick Concrete Sidewalk Removal**

Lot Description Base Bid

Quantity **500 square foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 500

**Description**

Furnish all materials, labor, and equipment to remove and dispose of 4-inch concrete sidewalk.

Item **273-11832--01-09 - Base Bid: 6-inch Thick Concrete Sidewalk Removal**

Lot Description Base Bid

Quantity **200 square foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 200

**Description**

Furnish all materials, labor, and equipment to remove and dispose of 6-inch concrete sidewalk.

Item **273-11832--01-10 - Base Bid: Storm Drain Basin Removal**

Lot Description Base Bid

Quantity **10 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 10

**Description**

Furnish all materials, labor, and equipment to remove and dispose of existing storm drain basins.

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Item **273-11832--01-11 - Base Bid: Storm Drain Storm Pipe Removal**  
Lot Description **Base Bid**  
Quantity **50 linear foot**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 50

**Description**

Furnish all materials, labor, and equipment to remove and dispose of existing storm drain pipe 15-inch in diameter and smaller.

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Item **273-11832--01-12 - Base Bid: Curb Inlet Top Removal**  
Lot Description **Base Bid**  
Quantity **6 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 6

**Description**

Furnish all materials, labor, and equipment to remove and dispose of existing curb inlet top of various widths.

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Item **273-11832--01-13 - Base Bid: Pavement Marking Removal**  
Lot Description **Base Bid**  
Quantity **1000 linear foot**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 1000

**Description**

Furnish all materials, labor, and equipment to remove existing pavement markings of various widths by hydro-blasting.

Item **273-11832--01-14 - Base Bid: Directional Arrow Removal**  
Lot Description **Base Bid**  
Quantity **16 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
Qty 16

**Description**

Furnish all materials, labor, and equipment to remove existing directional arrow pavement markings by hydro-blasting.

Item **273-11832--01-15 - Base Bid: Type "D" Concrete Curb Removal**  
Lot Description **Base Bid**  
Quantity **50 linear foot**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
Qty 50

**Description**

Furnish all materials, labor, and equipment to remove existing Type D concrete curb.

Item **273-11832--01-16 - Base Bid: Type "F" Concrete Curb Removal**  
Lot Description **Base Bid**  
Quantity **50 linear foot**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
Qty 50

**Description**

Furnish all materials, labor, and equipment to remove existing Type F concrete curb.

Item **273-11832--01-17 - Base Bid: Concrete Curb Removal**  
Lot Description **Base Bid**  
Quantity **50 linear foot**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
Qty 50

**Description**



Furnish all materials, labor, and equipment to remove existing concrete curb & gutter.

Item **273-11832--01-18 - Base Bid: Concrete Driveway Removal**  
Lot Description **Base Bid**  
Quantity **500 square foot**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
Qty 500

**Description**

Furnish all materials, labor, and equipment to remove existing concrete driveways.

Item **273-11832--01-19 - Base Bid: Limerock Base Removal**  
Lot Description **Base Bid**  
Quantity **500 square yard**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
Qty 500

**Description**

Furnish all materials, labor, and equipment to remove existing limerock base.

Item **273-11832--01-20 - Base Bid: Paver Blocks Removal**  
Lot Description **Base Bid**  
Quantity **300 square foot**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
Qty 300

**Description**

Furnish all materials, labor, and equipment to remove existing paver blocks.

Item **273-11832--01-21 - Base Bid: Sign & Post Removal**  
Lot Description **Base Bid**  
Quantity **18 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)

Fort Lauderdale FL 33301

Qty 18

**Description**

Furnish all materials, labor, and equipment to remove existing sign &amp; post.

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**Item** 273-11832--01-22 - Base Bid: Reinforced Concrete Removal**Lot Description** Base Bid**Quantity** 10 cubic yard**Unit Price** **Delivery Location** City of Fort Lauderdale[See ITB Specifications](#)[See ITB Specifications](#)

Fort Lauderdale FL 33301

Qty 10

**Description**

Furnish all materials, labor, and equipment to demolish reinforced concrete including cutting, breaking, hauling, and proper disposing of material.

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**Item** 273-11832--01-23 - Base Bid: Concrete Sidewalk or Header Curb Grinding/Sawcutting**Lot Description** Base Bid**Quantity** 10 each**Unit Price** **Delivery Location** City of Fort Lauderdale[See ITB Specifications](#)[See ITB Specifications](#)

Fort Lauderdale FL 33301

Qty 10

**Description**

Furnish all materials, labor, and equipment to grind or horizontal saw-cut raised concrete sidewalk or concrete header curb including clearing and grubbing.

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**Item** 273-11832--01-24 - Base Bid: Valve Box Adjustment**Lot Description** Base Bid**Quantity** 50 each**Unit Price** **Delivery Location** City of Fort Lauderdale[See ITB Specifications](#)[See ITB Specifications](#)

Fort Lauderdale FL 33301

Qty 50

**Description**

Furnish all materials, labor, and equipment to adjust existing valve box to match new sidewalk or asphalt elevation.

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**Item** 273-11832--01-25 - Base Bid: Manhole Adjustment**Lot Description** Base Bid**Quantity** 50 each

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 50

**Description**

Furnish all materials, labor, and equipment to adjust existing manhole to match new sidewalk or asphalt elevation.

Item **273-11832--01-26 - Base Bid: 1-inch Water Service**

Lot Description Base Bid

Quantity **10 each**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 10

**Description**

Furnish all materials, labor and equipment to provide a (1 ) water service, per City of Fort Lauderdale Standard Drawings W300 & W301

Item **273-11832--01-27 - Base Bid: FDOT Bottom Ditch Inlet**

Lot Description Base Bid

Quantity **5 each**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 5

**Description**

Furnish all materials, labor, and equipment to construct FDOT Bottom Ditch Inlet, Type C, (<10) including frame & grate per FDOT Index #232.

Item **273-11832--01-28 - Base Bid: FDOT Type I Polydrain Trench Drain**

Lot Description Base Bid

Quantity **100 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 100

**Description**

Furnish all materials, labor, and equipment to construct FDOT Type I polydrain trench drain channel & grate per FDOT Index #206.

Item **273-11832--01-29 - Base Bid: Concrete ADA wheelchair access ramps**  
 Lot Description **Base Bid**  
 Quantity **8 each**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
 Fort Lauderdale FL 33301  
 Qty 8

**Description**

Furnish all materials, labor, and equipment to construct concrete ADA/wheelchair access ramps with detectable warning surfaces.

Item **273-11832--01-30 - Base Bid: Detectable warning surfaces**  
 Lot Description **Base Bid**  
 Quantity **4500 square foot**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
 Fort Lauderdale FL 33301  
 Qty 4500

**Description**

Furnish all materials, labor, and equipment to install detectable warning surfaces on existing asphalt or concrete surfaces to FDOT Roadway and Traffic Design Standards. Warning Surfaces shall be Vanguard ADA System or approved equal.

Item **273-11832--01-31 - Base Bid: Pave Drain System Blocks**  
 Lot Description **Base Bid**  
 Quantity **4000 square foot**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
 Fort Lauderdale FL 33301  
 Qty 4000

**Description**

Furnish all materials, labor, and equipment to install 12-inchX12-inchX5.65-inch Pave Drain System Blocks over bedding stone and biaxial grid. Pave Drain System Blocks shall be manufactured by PaveDrain, LLC or equal City approved product.

Item **273-11832--01-32 - Base Bid: 2-inch Pervious Asphalt Pavement**  
 Lot Description **Base Bid**  
 Quantity **1000 square yard**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
 Fort Lauderdale FL 33301

Qty 1000

**Description**

Furnish all materials, labor, and equipment to construct 2 -inch pervious asphalt pavement in conformance with Flexipave specifications section, product HD 2000 manufactured by K.B. Industries or equal City approved product.

Item **273-11832--01-33 - Base Bid: 9-inchX18-inch Type -inchB-inch curb**

Lot Description **Base Bid**

Quantity **600 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 600

**Description**

Furnish all materials, labor, and equipment to construct 9-inchX18-inch Type -inch B curb, including drop curb, per detail specifications including transitions, and reconstruction of based where required. This items also includes clearing and grubbing, removal and proper disposal of existing curb.

Item **273-11832--01-34 - Base Bid: 6-inchX16-inch Type -inchD-inch curb**

Lot Description **Base Bid**

Quantity **600 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 600

**Description**

Furnish all materials, labor, and equipment to construct 6-inchX16-inch Type -inchB-inch curb, including drop curb, per detail specifications including transitions, and reconstruction of based where required. This items also includes clearing and grubbing, removal and proper disposal of existing curb.

Item **273-11832--01-35 - Base Bid: Concrete Valley-Gutter**

Lot Description **Base Bid**

Quantity **600 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 600

**Description**

Furnish all materials, labor, and equipment to construct standard concrete valley-gutter, per detail specifications including transitions, and reconstruction of based where required. This items also includes clearing and grubbing, removal and proper disposal of existing curb.

**Item** 273-11832--01-36 - Base Bid: Type -inchA-inch median curb  
**Lot Description** Base Bid  
**Quantity** 300 linear foot  
**Unit Price**   
**Delivery Location** City of Fort Lauderdale  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
**Qty** 300

**Description**

Furnish all materials, labor, and equipment to construct Type -inchA-inch median curb, per detail specifications including transitions, and reconstruction of based where required. This items also includes clearing and grubbing, removal and proper disposal of existing curb.

**Item** 273-11832--01-37 - Base Bid: Type -inchRA-inch median curb  
**Lot Description** Base Bid  
**Quantity** 300 linear foot  
**Unit Price**   
**Delivery Location** City of Fort Lauderdale  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
**Qty** 300

**Description**

Furnish all materials, labor, and equipment to construct Type -inchRA-inch concrete median curb, per detail specifications including transitions, and reconstruction of based where required. This items also includes clearing and grubbing, removal and proper disposal of existing curb.

**Item** 273-11832--01-38 - Base Bid: 12-inch X 12-inch Concrete Header Curb  
**Lot Description** Base Bid  
**Quantity** 150 linear foot  
**Unit Price**   
**Delivery Location** City of Fort Lauderdale  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
**Qty** 150

**Description**

Furnish all materials, labor, and equipment to construct 12 -inch wide by 12 -inch deep concrete header curb bordering paver blocks, per detail specifications including transitions, and reconstruction of based where required. This items also includes clearing and grubbing, removal and proper disposal of existing curb.

**Item** 273-11832--01-39 - Base Bid: 4-inch Thick Concrete Apron  
**Lot Description** Base Bid  
**Quantity** 10 each  
**Unit Price**   
**Delivery Location** City of Fort Lauderdale

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 10

**Description**

Furnish all materials, labor, and equipment to construct new 4-inch thick concrete apron, unreinforced and reconstruction of base rock and compaction where required. This items also includes clearing and grubbing, removal and proper disposal of existing apron/collar.

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**Item** 273-11832--01-40 - Base Bid: 7 1/2 -inch Concrete Flume**Lot Description** Base Bid**Quantity** 10 each**Unit Price** **Delivery Location** City of Fort Lauderdale[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 10

**Description**

Furnish all materials, labor, and equipment to construct 7 1/2-inch thick concrete flume, unreinforced, with 6 -inch thick rock-rubble and reconstruction of base rock and compaction where required. This items also includes clearing and grubbing.

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**Item** 273-11832--01-41 - Base Bid: 8-inch Turf Block**Lot Description** Base Bid**Quantity** 300 square foot**Unit Price** **Delivery Location** City of Fort Lauderdale[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 300

**Description**

Furnish all materials, labor, and equipment to construct 8 -inch thick turf block with 2 -inch sand setting bed and reconstruction of base rock and compaction where required. This items also includes clearing and grubbing.

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**Item** 273-11832--01-42 - Base Bid: 6-inch to 12-inch Swale**Lot Description** Base Bid**Quantity** 45 cubic yard**Unit Price** **Delivery Location** City of Fort Lauderdale[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 45

**Description**

Furnish all materials, labor, and equipment to construct 6-inch to 12-inch swale with 2 -inch thick topsoil (50% sand, 50% mulch mixture) and 4-inch stabilized subgrade. This items also includes clearing and grubbing.

**Item** 273-11832--01-43 - Base Bid: 2 3/8-inch Concrete Pavers  
**Lot Description** Base Bid  
**Quantity** 600 square foot  
**Unit Price**   
**Delivery Location** City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 600

**Description**

Furnish all materials, labor, and equipment to install 2 3/8-inch concrete pavers of various shapes over sand-leveling course, as well as reconstruction of base, as shown in detail specifications. This item also includes clearing and grubbing, removal and proper disposal of existing materials.

**Item** 273-11832--01-44 - Base Bid: Stamped Asphaltic Concrete  
**Lot Description** Base Bid  
**Quantity** 6000 square foot  
**Unit Price**   
**Delivery Location** City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 6000

**Description**

Furnish all materials, labor, and equipment to install stamped asphaltic concrete. The color and pattern of stamped asphalt to be determined by the engineer.

**Addendum # 3**

Previous Delivery Location/Quantity	See ITB Specifications Fort Lauderdale, FL 33301 Qty 600	New Delivery Location/Quantity	See ITB Specifications Fort Lauderdale, FL 33301 Qty 6000
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**Item** 273-11832--01-45 - Base Bid: 3 1/8-inch Concrete Pavers  
**Lot Description** Base Bid  
**Quantity** 600 square foot  
**Unit Price**   
**Delivery Location** City of Fort Lauderdale  
See ITB Specifications  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 600

**Description**

Furnish all materials, labor, and equipment to install 2 3/8-inch concrete pavers of various shapes over sand-leveling course, as well as reconstruction of base, as shown in detail specifications. This item also includes clearing and grubbing, removal and proper disposal of existing materials.



Item **273-11832--01-46 - Base Bid: Pressure Cleaning - Pavers**  
 Lot Description **Base Bid**  
 Quantity **100 square foot**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 100

**Description**

Furnish all materials, labor, and equipment to pressure clean (to high quality-nea new condition, with no streaking) existing paver brick or paver blocks, and remove all dirt, mildew, stains (including oil), gum, tire/location marks, graffiti and etc. and all other necessary appurtenances. This work is to be done during regular office hours (from 7:00 AM to 6:00 PM). This item also includes filling voids with clean sand.

Item **273-11832--01-47 - Base Bid: Pressure Cleaning - Pavers, Nights and Weekends**  
 Lot Description **Base Bid**  
 Quantity **100 square foot**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 100

**Description**

Furnish all materials, labor, and equipment to pressure clean (to high quality-nea new condition, with no streaking) existing paver brick or paver blocks, and remove all dirt, mildew, stains (including oil), gum, tire/location marks, graffiti and etc. and all other necessary appurtenances. This work is to be done during regular at nights (from 6:00 PM to 7:00 AM) and weekends. This item also includes filling voids with clean sand.

Item **273-11832--01-48 - Base Bid: Pressure Cleaning - Sidewalks, Nights and Weekends**  
 Lot Description **Base Bid**  
 Quantity **100 square foot**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 100

**Description**

Furnish all materials, labor, and equipment to pressure clean (to high quality-nea new condition, with no streaking) existing concrete sidewalk, and remove all dirt, mildew, stains (including oil), gum, tire/location marks, graffiti and etc. and all other necessary appurtenances. This work is to be done during regular at nights (from 6:00 PM to 7:00 AM) and weekends. This item also includes filling voids with clean sand.

Item **273-11832--01-49 - Base Bid: Midblock Pedestrian Signalization**  
 Lot Description **Base Bid**  
 Quantity **10 location**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 10

**Description**

Furnish all materials, labor, and equipment to install enhanced pedestrian signalization at midblock crosswalks and school zone locations. Signalization shall be manufactured by Carmanah or equal City approved product.

Item **273-11832--01-50 - Base Bid: Rounded Speed Hump**

Lot Description **Base Bid**

Quantity **18 each**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 18

**Description**

Furnish all materials, labor and equipment to install Type TRRL profile (rounded) speed humps, 12-feet long by 24-feet wide

Item **273-11832--01-51 - Base Bid: Flat Top Speed Hump**

Lot Description **Base Bid**

Quantity **18 each**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 18

**Description**

Furnish all materials, labor and equipment to install Flat top profile speed humps, 22-feet long by 24-feet wide.

Item **273-11832--01-52 - Base Bid: Speed Cushions**

Lot Description **Base Bid**

Quantity **6 each**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 6

**Description**

Furnish all materials, labor and equipment to install Speed cushions, 6 feet long by 6 3/4 feet wide, and (Two asphalt cushions per locations).

Item **273-11832--01-53 - Base Bid: Demolish and Restore Flat Speed Humps**  
 Lot Description **Base Bid**  
 Quantity **2 each**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
 Fort Lauderdale FL 33301  
**Qty 2**

**Description**

Furnish all materials, labor and equipment to demolish and restore flat top profile speed humps, 22-feet long by 24-feet wide

Item **273-11832--01-54 - Base Bid: Removable Locking Bollards**  
 Lot Description **Base Bid**  
 Quantity **100 each**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
 Fort Lauderdale FL 33301  
**Qty 100**

**Description**

Furnish all materials, labor, and equipment to removable locking bollards manufactured by Ideal Shield., 2525 Clark St, Detroit, MI 48209 or equal City approved product

Item **273-11832--01-55 - Base Bid: Milling & Resurface**  
 Lot Description **Base Bid**  
 Quantity **1000 square yard**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
 Fort Lauderdale FL 33301  
**Qty 1000**

**Description**

Furnish all materials, labor, and equipment for milling & resurface existing asphalt pavement, 1 average depth, including disposal of materials

Item **273-11832--01-56 - Base Bid: 4-inch Limerock Base**  
 Lot Description **Base Bid**  
 Quantity **1200 square yard**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
 Fort Lauderdale FL 33301

Qty 1200

**Description**

Furnish all materials, labor and equipment to construct 4 -inch thick limerock base compacted to 98% maximum density per AASHTO T-180, including clearing and grubbing, excavation, removal and disposal of existing materials

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**Item** 273-11832--01-57 - Base Bid: 6-inch Limerock Base**Lot Description** Base Bid**Quantity** 1200 square yard**Unit Price** **Delivery Location** City of Fort Lauderdale[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 1200

**Description**

Furnish all materials, labor and equipment to construct 6 -inch thick limerock base compacted to 98% maximum density per AASHTO T-180, including clearing and grubbing, excavation, removal and disposal of existing materials

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**Item** 273-11832--01-58 - Base Bid: 8-inch Limerock Base**Lot Description** Base Bid**Quantity** 1200 square yard**Unit Price** **Delivery Location** City of Fort Lauderdale[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 1200

**Description**

Furnish all materials, labor and equipment to construct 8 -inch thick limerock base compacted to 98% maximum density per AASHTO T-180, including clearing and grubbing, excavation, removal and disposal of existing materials

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**Item** 273-11832--01-59 - Base Bid: 12-inch Limerock Base**Lot Description** Base Bid**Quantity** 1200 square yard**Unit Price** **Delivery Location** City of Fort Lauderdale[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 1200

**Description**

Furnish all materials, labor and equipment to construct 12 -inch thick limerock base compacted to 98% maximum density per AASHTO T-180, including clearing and grubbing, excavation, removal and disposal of existing materials

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**Item** 273-11832--01-60 - Base Bid: 1 1/2-inch Asphaltic Concrete**Lot Description** Base Bid

Quantity **4500 square yard**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 4500

**Description**

Furnish all materials, labor, and equipment to construct 1-1/2" thick FDOT Type S-3 asphaltic concrete surface, including tack coat and all necessary appurtenances

Item **273-11832--01-61 - Base Bid: Seal Coat**  
Lot Description **Base Bid**  
Quantity **10000 square yard**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 10000

**Description**

Furnish all materials, labor, and equipment to seal coat existing asphalt. This item includes two (2) coats of coal tar pitch emulsion, silica sand, and spread with squeegee or brush. Also include removal of oil stain, oil dripping and sweeping existing parking lot or roadway

Item **273-11832--01-62 - Base Bid: 1-inch Asphaltic Concrete**  
Lot Description **Base Bid**  
Quantity **4500 square yard**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 4500

**Description**

Furnish all materials, labor, and equipment to construct 1" thick FDOT Type S-3 asphaltic concrete surface, including tack coat and all necessary appurtenances

Item **273-11832--01-63 - Base Bid: 2-inch Asphaltic Concrete**  
Lot Description **Base Bid**  
Quantity **4500 square yard**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 4500

**Description**

Furnish all materials, labor, and equipment to construct 2 thick FDOT Type S-3 asphaltic concrete surface, including tack coat and all necessary appurtenances

Item **273-11832--01-64 - Base Bid: 1-inch Asphaltic Friction Course**  
 Lot Description Base Bid  
 Quantity **4500 square yard**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 4500

**Description**

Furnish all materials, labor, and equipment to construct 1 thick FDOT Type S-3 asphaltic friction course surface, including tack coat and all necessary appurtenances

Item **273-11832--01-65 - Base Bid: 6-foot Long Concrete Wheel Stop**  
 Lot Description Base Bid  
 Quantity **50 each**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 50

**Description**

Furnish all materials, labor and equipment to install 6 long concrete wheel stop painted blue.

Item **273-11832--01-66 - Base Bid: 6-foot Long Concrete Wheel Stop**  
 Lot Description Base Bid  
 Quantity **50 each**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 50

**Description**

Furnish all materials, labor and equipment to install 6 long concrete wheel stop unpainted.

Item **273-11832--01-67 - Base Bid: 4-inch concrete sidewalk**  
 Lot Description Base Bid  
 Quantity **5000 square foot**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 5000

**Description**

Furnish all materials, labor, and equipment to construct 4--inch thick concrete sidewalk, un-reinforced, including clear and grubbing and removal and disposal of existing sidewalk, reconstruction of base rock and compaction where required

Item **273-11832--01-68 - Base Bid: 6-inch concrete sidewalk**

Lot Description Base Bid

Quantity **5000 square foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 5000

**Description**

Furnish all materials, labor, and equipment to construct 4--inch thick concrete sidewalk, un-reinforced, including clear and grubbing and removal and disposal of existing sidewalk, reconstruction of base rock and compaction where required

Item **273-11832--01-69 - Base Bid: 6-inch thickened concrete sidewalk**

Lot Description Base Bid

Quantity **1000 square foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 1000

**Description**

Furnish all materials, labor, and equipment to construct 6--inch thick thickened concrete sidewalk, un-reinforced, including clear and grubbing and removal and disposal of existing sidewalk, reconstruction of base rock and compaction where required

Item **273-11832--01-70 - Base Bid: Wire Mesh**

Lot Description Base Bid

Quantity **500 square foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 500

**Description**

Furnish and install steel reinforcing 6 -inches X 6 -inches 10/10 wire mesh in concrete where indicated by Engineer

Item **273-11832--01-71 - Base Bid: 4-inch concrete sidewalk**

Lot Description      **Base Bid**  
 Quantity            **5000 square foot**  
 Unit Price             
 Delivery Location   **City of Fort Lauderdale**  
                          [See ITB Specifications](#)  
                          See ITB Specifications  
                          Fort Lauderdale FL 33301  
                          Qty 5000

**Description**

Furnish all materials labor and equipment to construct 4--inch thick various colors concrete un-reinforced sidewalk. This includes clear and grubbing, removal and disposal of existing sidewalk, reconstruction of base rock and compaction where required. Concrete shall contain the proper proportion of CHROMIX admixture for color-conditioned concrete and/or with decorative brick chips/seashells or other exposed aggregate. Concrete color and design specifications of the

Item                    **273-11832--01-72 - Base Bid: 4-inch brick chips/seashells**  
 Lot Description      **Base Bid**  
 Quantity            **125 square foot**  
 Unit Price             
 Delivery Location   **City of Fort Lauderdale**  
                          [See ITB Specifications](#)  
                          See ITB Specifications  
                          Fort Lauderdale FL 33301  
                          Qty 125

**Description**

Furnish all materials labor and equipment to construct 4--inch thick various colors concrete un-reinforced sidewalk. This includes clear and grubbing, removal and disposal of existing sidewalk, reconstruction of base rock and compaction where required. Concrete shall contain the proper proportion of CHROMIX admixture for color-conditioned concrete and/or with decorative brick chips/seashells or other exposed aggregate. Concrete color and design specifications of the concrete to be determined by Engineer of Record. Sandblasting and / or pressure cleaning are included in this item.

Item                    **273-11832--01-73 - Base Bid: 6-inch concrete sidewalk**  
 Lot Description      **Base Bid**  
 Quantity            **125 square foot**  
 Unit Price             
 Delivery Location   **City of Fort Lauderdale**  
                          [See ITB Specifications](#)  
                          See ITB Specifications  
                          Fort Lauderdale FL 33301  
                          Qty 125

**Description**

Furnish all materials labor and equipment to construct 6--inch thick various colors concrete un-reinforced sidewalk. This includes clear and grubbing, removal and disposal of existing sidewalk, reconstruction of base rock and compaction where required. Concrete shall contain the proper proportion of CHROMIX admixture for color-conditioned concrete and/or with decorative brick chips/seashells or other exposed aggregate. Concrete color and design specifications of the

Item                    **273-11832--01-74 - Base Bid: 6-inch brick chips/seashells**  
 Lot Description      **Base Bid**  
 Quantity            **125 square foot**



Unit Price Delivery Location **City of Fort Lauderdale**[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 125

**Description**

Furnish all materials labor and equipment to construct 6--inch thick various colors concrete un-reinforced sidewalk. This includes clear and grubbing, removal and disposal of existing sidewalk, reconstruction of base rock and compaction where required. Concrete shall contain the proper proportion of CHROMIX admixture for color-conditioned concrete and/or with decorative brick chips/seashells or other exposed aggregate. Concrete color and design specifications of the

Item **273-11832--01-75 - Base Bid: 8-inch concrete pavement**

Lot Description Base Bid

Quantity **50 square foot**Unit Price Delivery Location **City of Fort Lauderdale**[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 50

**Description**

Furnish all materials, labor, and equipment to construct 8--inch thick concrete paving reinforced with #5 bars, 3--inches above bottom of pavement, spaced 12--inches on center both ways. This item also includes clearing and grubbing

Item **273-11832--01-76 - Base Bid: Drop Curb**

Lot Description Base Bid

Quantity **300 linear foot**Unit Price Delivery Location **City of Fort Lauderdale**[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 300

**Description**

Furnish all materials, labor, and equipment to construct drop curb, including transitions, and reconstruction of base where required. This item also includes clearing and grubbing, removal, and proper disposal of existing concrete curb and sidewalk

Item **273-11832--01-77 - Base Bid: Galvanized Steel Handrail**

Lot Description Base Bid

Quantity **50 linear foot**Unit Price Delivery Location **City of Fort Lauderdale**[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 50

**Description**

Furnish all materials labor and equipment to install galvanized steel hand railing to ADA standards. This includes clear and grubbing.

Item **273-11832--01-78 - Base Bid: Galvanized Steel Safeguard**  
 Lot Description **Base Bid**  
 Quantity **50 linear foot**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
 Fort Lauderdale FL 33301  
 Qty 50

#### Description

Furnish all materials labor and equipment to install galvanized steel safeguard railing to ADA standards. This includes clear and grubbing

Item **273-11832--01-79 - Base Bid: Variable Message Boards**  
 Lot Description **Base Bid**  
 Quantity **5 location**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
 Fort Lauderdale FL 33301  
 Qty 5

#### Description

Furnish all materials, labor, and equipment to install message boards for maintenance of traffic.

Item **273-11832--01-80 - Base Bid: TS 400 Semi-Flush Fixture**  
 Lot Description **Base Bid**  
 Quantity **5 location**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
 Fort Lauderdale FL 33301  
 Qty 5

#### Description

Furnish all materials, labor, and equipment to install TS 400 Semi-Flush Fixture, Yellow/Yellow, 10-30VDC LED, with Female Connector, Model # FI-TS400YYL, manufactured by Traffic Safety Corp., 2708 47th Ave, Sacramento, CA 95822; or equal City Approval Product

Item **273-11832--01-81 - Base Bid: Base Can Controller**  
 Lot Description **Base Bid**  
 Quantity **5 location**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 5

**Description**

Furnish all materials, labor, and equipment to install Base Can 8.5 X 5 Deep, 7.25 B.C., Mud Ring, 5 Deep, 2 Drain w/fitting Ship with Base Can Installation Instructions crosswalk flashing controller, Model #A-725-5-2 manufactured by Traffic Safety Corp., 2708 47th Ave, Sacramento, CA 95822; or equal City Approval Product

Item **273-11832--01-82 - Base Bid: Sensor Motion**

Lot Description Base Bid

Quantity **2 location**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 2

**Description**

Furnish all materials, labor, and equipment to install Sensor, Motion, and Pedestrian for Crosswalk Occupancy Detection, Activation, Model #AC-Smartwalk-XP manufactured by Traffic Safety Corp., 2708 47th Ave, Sacramento, CA 95822; or equal City Approval Product

Item **273-11832--01-83 - Base Bid: System Controller**

Lot Description Base Bid

Quantity **1 each**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 1

**Description**

Furnish all materials, labor, and equipment to install System Controller, TS 1000 120/240 V Input, DC Output, NEMA 4 Enclosure, Model #TS1000 ACA manufactured by Traffic Safety Corp., 2708 47th Ave, Sacramento, CA 95822; or equal City Approval Product

Item **273-11832--01-84 - Base Bid: Ped-X-Pad**

Lot Description Base Bid

Quantity **2 each**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 2

**Description**

Furnish all materials, labor, and equipment to install Ped-X-Pad, Single for Pallet Shipment Only, Model #AC-PEDXPAD, manufactured by Traffic Safety Corp., 2708 47th Ave, Sacramento, CA 95822; or equal City Approval Product

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Item	273-11832--01-85 - Base Bid: TS1100 Controller
Lot Description	Base Bid
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	Qty 1

**Description**

Furnish all materials, labor, and equipment to install TS 1100 Controller FL DOT Solar Powered, for Ped X Pad Activation NEMA 3R Enclosure, Model #1 SC TS1000SPA3A, manufactured by Traffic Safety Corp., 2708 47th Ave, Sacramento, CA 95822; or equal City Approval Product

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Item	273-11832--01-86 - Base Bid: Solar Panel
Lot Description	Base Bid
Quantity	1 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	Qty 1

**Description**

Furnish all materials, labor, and equipment to install Solar Panel 90 Watts with Mounting Kit included, Model #1 SL-Panel 90-HPM, manufactured by Traffic Safety Corp., 2708 47th Ave, Sacramento, CA 95822; or equal City Approval Product

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Item	273-11832--01-87 - Base Bid: Solar Gel Battery
Lot Description	Base Bid
Quantity	2 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	Qty 2

**Description**

Furnish all materials, labor, and equipment to install Solar Gel Battery 96.7 AH@20h Rate, 12 Volts, 5 Days Autonomous Operation, Model SL-8G31, manufactured by Traffic Safety Corp., 2708 47th Ave, Sacramento, CA 95822; or equal City Approval Product

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Item	273-11832--01-88 - Base Bid: TS1100 System Controller
Lot Description	Base Bid
Quantity	2 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale
	<a href="#">See ITB Specifications</a>

See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 2

**Description**

Furnish all materials, labor, and equipment to install System Controller, TS 1100, DC, FL DOT Solar Powered NEMA 3R Encis, Model SC-TS1100SP1A, manufactured by Traffic Safety Corp., 2708 47th Ave, Sacramento, CA 95822; or equal City Approval Product.

Item **273-11832--01-89 - Base Bid: One Sided Configuration Pedestrian Signalization**  
Lot Description Base Bid  
Quantity **10 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 10

**Description**

Furnish all materials, labor and equipment to install one sided fluorescent yellow-green 36 X 36 W11-2 and 24 X 12 W16-7P sign (including wireless pedestrian push button) configuration enhanced pedestrian signalization at midblock crosswalks and school zone locations, manufactured by Traffic Safety Corp., www.xwalk.com, Model Solar TS40w 2708 47th Ave, Sacramento, CA 95822·3806; or equal city approved product

Item **273-11832--01-90 - Base Bid: Two Sided Configuration Pedestrian Signalization**  
Lot Description Base Bid  
Quantity **10 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 10

**Description**

Furnish all materials, labor and equipment to install two sided fluorescent yellow-green 36 X 36 W11-2 and 24 X 12 W16-7P sign (including wireless pedestrian push button) configuration enhanced pedestrian signalization at midblock crosswalks and school zone locations, manufactured by Traffic Safety Corp., www.xwalk.com, Model Solar TS40w 2708 47th Ave, Sacramento, CA 95822·3806; or equal city approved product

Item **273-11832--01-91 - Base Bid: Roadway Painting**  
Lot Description Base Bid  
Quantity **10000 square foot**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 10000

**Description**

Furnish all labor, equipment, and incidentals required to apply 2 coats (1 coat by spray machine and 1 coat by rolling) of Sherwin Williams SetFast Latex Traffic Paint or City Approved Equal on various roadways throughout the City. Paint to be provided by City and bid

item to include roadway surface cleaning by air blowers or manual push brooms

Item **273-11832--01-92 - Base Bid: Stencil Template Painting**

Lot Description **Base Bid**

Quantity **1000 square foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

[See ITB Specifications](#)

Fort Lauderdale FL 33301

**Qty** 1000

#### Description

Furnish all labor and incidentals required to apply 2 coats of Rust-Oleum Professional High Performance Enamel Spray Paint or City Approved Equal to various stencil word templates on roadways or sidewalk throughout the City. Spray Paint & Stencils to be provided by City and bid item to include roadway surface cleaning by air blowers or manual push brooms.

Item **273-11832--01-93 - Base Bid: Directional Bore, Less than 6-inch**

Lot Description **Base Bid**

Quantity **400 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

[See ITB Specifications](#)

Fort Lauderdale FL 33301

**Qty** 400

#### Description

Furnish all materials, labor, and equipment to perform directional boring, less than 6-inch per FDOT Spec 555.

Item **273-11832--01-94 - Base Bid: Conduits Signal**

Lot Description **Base Bid**

Quantity **101 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

[See ITB Specifications](#)

Fort Lauderdale FL 33301

**Qty** 101

#### Description

Furnish all materials, labor, and equipment to install conduits signal per FDOT Spec 630-1-12.

Item **273-11832--01-95 - Base Bid: Cable, Signal**

Lot Description **Base Bid**

Quantity **2 location**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 2

**Description**

Furnish all materials, labor, and equipment to install cable signal per FDOT Spec 632-7-1.

Item 273-11832--01-96 - Base Bid: Pull Boxes

Lot Description Base Bid

Quantity 10 each

Unit Price

Delivery Location City of Fort Lauderdale

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 10

**Description**

Furnish all materials, labor, and equipment to install pull boxes per FDOT Spec 635-1-11.

Item 273-11832--01-97 - Base Bid: 3-Section Traffic Signal

Lot Description Base Bid

Quantity 1 each

Unit Price

Delivery Location City of Fort Lauderdale

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 1

**Description**

Furnish all materials, labor, and equipment to install traffic signal, 3-section, 1-way, LED per FDOT Spec 650-51-311.

Item 273-11832--01-98 - Base Bid: Traffic Signal Relocate

Lot Description Base Bid

Quantity 3 each

Unit Price

Delivery Location City of Fort Lauderdale

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 3

**Description**

Furnish all materials, labor, and equipment to relocate existing traffic signal per FDOT Spec 650-54.

Item 273-11832--01-99 - Base Bid: Pedestrian Signal, 1-way

Lot Description Base Bid

Quantity 8 each

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 8

**Description**

Furnish all materials, labor, and equipment to install pedestrian signal, 1-section, 1-way per FDOT Spec 653-192.

Item **273-11832--01-100 - Base Bid: Pedestrian Signal, 2-way**

Lot Description Base Bid

Quantity **1 each**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 1

**Description**

Furnish all materials, labor, and equipment to install pedestrian signal, 1-section, 2-way per FDOT Spec 653-192.

Item **273-11832--01-101 - Base Bid: Signal Head Auxiliaries**

Lot Description Base Bid

Quantity **9 each**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 9

**Description**

Furnish all materials, labor, and equipment to install signal head auxiliaries, aluminum per FDOT Spec 659-107.

Item **273-11832--01-102 - Base Bid: Pedestrian Detector**

Lot Description Base Bid

Quantity **10 each**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 10

**Description**

Furnish all materials, labor, and equipment to install pedestrian detector per FDOT Spec 665-11.

Item **273-11832--01-103 - Base Bid: Traffic Controller Assembly, Modify**



Lot Description      Base Bid  
 Quantity            2 each  
 Unit Price             
 Delivery Location   **City of Fort Lauderdale**  
                          [See ITB Specifications](#)  
                          See ITB Specifications  
                          Fort Lauderdale FL 33301  
                          Qty 2

**Description**

Furnish all materials, labor, and equipment to install pedestrian signal, 1-section, 2-way per FDOT Spec 653-192.

Item                    273-11832--01-104 - Base Bid: Remove Traffic Signal  
 Lot Description      Base Bid  
 Quantity            1 each  
 Unit Price             
 Delivery Location   **City of Fort Lauderdale**  
                          [See ITB Specifications](#)  
                          See ITB Specifications  
                          Fort Lauderdale FL 33301  
                          Qty 1

**Description**

Furnish all materials, labor, and equipment to remove per FDOT Spec 690-10.

Item                    273-11832--01-105 - Base Bid: Sign Panel  
 Lot Description      Base Bid  
 Quantity            10 each  
 Unit Price             
 Delivery Location   **City of Fort Lauderdale**  
                          [See ITB Specifications](#)  
                          See ITB Specifications  
                          Fort Lauderdale FL 33301  
                          Qty 10

**Description**

Furnish all materials, labor, and equipment to install sign panel per FDOT Spec 700-48-18.

Item                    273-11832--01-106 - Base Bid: Hyophoria Vershaffeltii  
 Lot Description      Base Bid  
 Quantity            42 each  
 Unit Price             
 Delivery Location   **City of Fort Lauderdale**  
                          [See ITB Specifications](#)  
                          See ITB Specifications  
                          Fort Lauderdale FL 33301  
                          Qty 42

**Description**

Furnish all materials, labor, and equipment to install matched 12 feet field grown (FG) hypophorbia vershaffeltii. Bid item includes pole braces & necessary tree supporting materials.

Item **273-11832--01-107 - Base Bid: Jatropha Integerrima, Standard**

Lot Description **Base Bid**

Quantity **54 each**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

[See ITB Specifications](#)

Fort Lauderdale FL 33301

Qty 54

**Description**

Furnish all materials, labor, and equipment to install matched, standard, 25 gallon, 8 foot tall, 5 foot clear trunk jatropha integerrima. Bid item includes pole braces & necessary tree supporting materials.

Item **273-11832--01-108 - Base Bid: Quercus Virginiana High Rise**

Lot Description **Base Bid**

Quantity **56 each**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

[See ITB Specifications](#)

Fort Lauderdale FL 33301

Qty 56

**Description**

Furnish all materials, labor, and equipment to install 4 -inch caliper, 18 foot tall, 8 foot spread, 8 foot clear trunk -inchHigh Rise-inch Quercus Virginiana. Bid item includes pole braces & necessary tree supporting materials.

Item **273-11832--01-109 - Base Bid: Aechmea Blanchetiana -inchOrange-inch**

Lot Description **Base Bid**

Quantity **40 each**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

[See ITB Specifications](#)

Fort Lauderdale FL 33301

Qty 40

**Description**

Furnish all materials, labor, and equipment to install 3 gallon, 36 -inch tall, 36 -inch spread, -inchOrange-inch Aechmea Blanchetiana.

Item **273-11832--01-110 - Base Bid: Allamanda Schottii**

Lot Description **Base Bid**

Quantity **312 each**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 312

**Description**

Furnish all materials, labor, and equipment to install 3 gallon, 18 -inch tall, 20 -inch spread, Allamanda Schottii.

Item **273-11832--01-111 - Base Bid: Acalypha Wilkesiana -inchMacafeana-inch**  
Lot Description **Base Bid**  
Quantity **215 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
Qty 215

**Description**

Furnish all materials, labor, and equipment to install 3 gallon, 30 -inch tall, 24 -inch spread, -inchMacafeana-inch Acalypha Wilkesiana.

Item **273-11832--01-112 - Base Bid: Chrysobalanus Icaco -inchRed Tip-inch**  
Lot Description **Base Bid**  
Quantity **624 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
Qty 624

**Description**

Furnish all materials, labor, and equipment to install 3 gallon, 24 -inch tall, 18 -inch spread, -inchRed Tip-inch Chrysobalanus Icaco.

Item **273-11832--01-113 - Base Bid: Cordyline Fruitcosa -inchBlack Magic-inch**  
Lot Description **Base Bid**  
Quantity **588 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
Qty 588

**Description**

Furnish all materials, labor, and equipment to install 3 gallon, 18 -inch tall, 20 -inch spread, -inchBlack Magic-inch Cordyline Fruticosa.

Item **273-11832--01-114 - Base Bid: Duranta Erecta -inchGold Mound-inch**  
Lot Description **Base Bid**  
Quantity **376 each**  
Unit Price

Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 376

**Description**

Furnish all materials, labor, and equipment to install 3 gallon, 16 -inch tall, 16 -inch spread, -inchGold Mound-inch Duranta Erecta.

Item **273-11832--01-115 - Base Bid: Dianella Tasmanica -inchVariegata-inch**  
 Lot Description Base Bid  
 Quantity **2166 each**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 2166

**Description**

Furnish all materials, labor, and equipment to install 1 gallon, 16 -inch tall, 12 -inch spread, -inchVariegata-inch Dianella Tasmanica.

Item **273-11832--01-116 - Base Bid: Ficus Microcarpa -inchGreen Island-inch**  
 Lot Description Base Bid  
 Quantity **374 each**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 374

**Description**

Furnish all materials, labor, and equipment to install 3 gallon, 14 -inch tall, 14 -inch spread, -inchGreen Island-inch Ficus Microcarpa.

Item **273-11832--01-117 - Base Bid: Ilex Vomitoria -inchStokes Dwarf-inch**  
 Lot Description Base Bid  
 Quantity **780 each**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 780

**Description**

Furnish all materials, labor, and equipment to install 3 gallon, 16 -inch tall, 14 -inch spread, -inchStokes Dwarf-inch Ilex Vomitoria.

Item **273-11832--01-118 - Base Bid: Juniperus Conferta -inchCompacta-inch**  
 Lot Description Base Bid

Quantity **992 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 992

**Description**

Furnish all materials, labor, and equipment to install 3 gallon, 16 -inch tall, 14 -inch spread, -inchCompacta-inch Juniperus Conferta.

Item **273-11832--01-119 - Base Bid: Microsorium Scolopendrium**  
Lot Description **Base Bid**  
Quantity **1080 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 1080

**Description**

Furnish all materials, labor, and equipment to install 3 gallon, 14 -inch tall, 14 -inch spread, Microsorium Scolopendrium.

Item **273-11832--01-120 - Base Bid: Psychotria Nervosa**  
Lot Description **Base Bid**  
Quantity **599 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 599

**Description**

Furnish all materials, labor, and equipment to install 3 gallon, 16 -inch tall, 16 -inch spread, Psychotria Nervosa.

Item **273-11832--01-121 - Base Bid: Rhipiolepis Indica -inchAlba-inch**  
Lot Description **Base Bid**  
Quantity **599 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 599

**Description**

Furnish all materials, labor, and equipment to install 3 gallon, 16 -inch tall, 12 -inch spread, -inchAlba-inch Rhipiolepis Indica.

Item **273-11832--01-122 - Base Bid: Tracelospermum Asiaticum -inchTricolor-inch**  
Lot Description **Base Bid**  
Quantity **1028 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
**Qty 1028**

**Description**

Furnish all materials, labor, and equipment to install 1 gallon, 6 -inch tall, 10 -inch spread, -inchTricolor-inch Tracelopsermum Asiaticum.

Item **273-11832--01-123 - Base Bid: Clear Sand**  
Lot Description **Base Bid**  
Quantity **1800 cubic yard**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
**Qty 1800**

**Description**

Furnish all materials, labor, and equipment to install 15 -inches of clear sand.

Item **273-11832--01-124 - Base Bid: Decomposed Compost**  
Lot Description **Base Bid**  
Quantity **300 cubic yard**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
**Qty 300**

**Description**

Furnish all materials, labor, and equipment to install 100% decomposed compost at 3 -inch depth.

Item **273-11832--01-125 - Base Bid: Mulch**  
Lot Description **Base Bid**  
Quantity **300 cubic yard**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
**Qty 300**

**Description**

Furnish all materials, labor, and equipment to install mulch at 3 -inch depth.

Item **273-11832--01-126 - Base Bid: Tree Barricades**  
 Lot Description Base Bid  
 Quantity **1200 linear foot**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
 Fort Lauderdale FL 33301  
 Qty 1200

**Description**

Furnish all materials, labor, and equipment to install 4 foot, above ground, tree barricade with 2 -inch by 4 -inch wooden posts.

Item **273-11832--01-127 - Base Bid: Planting Soil**  
 Lot Description Base Bid  
 Quantity **1000 cubic yard**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
 Fort Lauderdale FL 33301  
 Qty 1000

**Description**

Furnish all materials, labor, and equipment to install planting soil.

Item **273-11832--01-128 - Base Bid: Power Drop**  
 Lot Description Base Bid  
 Quantity **1 each**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
 Fort Lauderdale FL 33301  
 Qty 1

**Description**

Furnish all materials, labor, and equipment to install power drop per FDOT Index 17504, Power Drop Detail.

Item **273-11832--01-129 - Base Bid: Controller**  
 Lot Description Base Bid  
 Quantity **1 each**  
 Unit Price   
 Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)

See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 1

**Description**

Furnish all materials, labor, and equipment to install -inchRailbird-inch controller, EsP-MC 24 Station with Wall Mounting.

Item 273-11832--01-130 - Base Bid: Railsensor

Lot Description Base Bid

Quantity 1 each

Unit Price

Delivery Location City of Fort Lauderdale

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 1

**Description**

Furnish all materials, labor, and equipment to install -inchRailbird-inch rainsensor model RSO-CEX.

Item 273-11832--01-131 - Base Bid: Water Meter

Lot Description Base Bid

Quantity 1 each

Unit Price

Delivery Location City of Fort Lauderdale

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 1

**Description**

Furnish all materials, labor, and equipment to install 2-inch water meter.

Item 273-11832--01-132 - Base Bid: Pressure Vacuum Breaker

Lot Description Base Bid

Quantity 1 each

Unit Price

Delivery Location City of Fort Lauderdale

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 1

**Description**

Furnish all materials, labor, and equipment to install 2-inch -inchWilkins-inch 720 A pressure vacuum breaker.

Item 273-11832--01-133 - Base Bid: Electric Valves

Lot Description Base Bid

Quantity 16 each

Unit Price



Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 16

**Description**

Furnish all materials, labor, and equipment to install 2-inch PED -inch Rainbird -inch electric valves.

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Item **273-11832--01-134 - Base Bid: Zone Gate Valves**  
Lot Description Base Bid  
Quantity **16 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 16

**Description**

Furnish all materials, labor, and equipment to install -inch NIBCO -inch Model T-311-Y, Match Valve Size, Zone Gate Valves.

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Item **273-11832--01-135 - Base Bid: Air/Vac Release Valves**  
Lot Description Base Bid  
Quantity **2 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 2

**Description**

Furnish all materials, labor, and equipment to install -inch Bermad -inch Model 02-ARC-1, 1 -inch Combination Air and Vacuum Release with 1 -inch Brass Full Port Ball Valve.

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Item **273-11832--01-136 - Base Bid: Valve Box**  
Lot Description Base Bid  
Quantity **16 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 16

**Description**

Furnish all materials, labor, and equipment to install 15 -inch by 25 -inch by 12 -inch polymer concrete valve box.

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Item **273-11832--01-137 - Base Bid: Valve Box Identification**

Lot Description      Base Bid  
 Quantity            25 each  
 Unit Price             
 Delivery Location    **City of Fort Lauderdale**  
                          [See ITB Specifications](#)  
                          See ITB Specifications  
                          Fort Lauderdale FL 33301  
                          Qty 25

**Description**

Furnish all materials, labor, and equipment to install valve box aluminum identification numbers and letters.

Item                    273-11832--01-138 - Base Bid: Mainline  
 Lot Description      Base Bid  
 Quantity            2400 linear foot  
 Unit Price             
 Delivery Location    **City of Fort Lauderdale**  
                          [See ITB Specifications](#)  
                          See ITB Specifications  
                          Fort Lauderdale FL 33301  
                          Qty 2400

**Description**

Furnish all materials, labor, and equipment to install 3-inch PVC SCH 40 mainline.

Item                    273-11832--01-139 - Base Bid: Mainline Fittings  
 Lot Description      Base Bid  
 Quantity            2 each  
 Unit Price             
 Delivery Location    **City of Fort Lauderdale**  
                          [See ITB Specifications](#)  
                          See ITB Specifications  
                          Fort Lauderdale FL 33301  
                          Qty 2

**Description**

Furnish all materials, labor, and equipment to install 3-inch PVC SCH 40 Mainline Fittings & Ductile Iron with Integral Joint Restraints at Direction Changes.

Item                    273-11832--01-140 - Base Bid: Mainline Marking Tape  
 Lot Description      Base Bid  
 Quantity            2400 linear foot  
 Unit Price             
 Delivery Location    **City of Fort Lauderdale**  
                          [See ITB Specifications](#)  
                          See ITB Specifications  
                          Fort Lauderdale FL 33301  
                          Qty 2400

**Description**

Furnish all materials, labor, and equipment to install 2 -inch detectable marking tape over mainline, 12 -inch below grade.

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Item	<b>273-11832--01-141 - Base Bid: Irrigation Lateral Line</b>
Lot Description	Base Bid
Quantity	<b>13000 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b>
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	<b>Qty 13000</b>

**Description**

Furnish all materials, labor, and equipment to install 3/4 -inch (Minimum) to 2 1/2 -inch PVC SCH 40 irrigation lateral line.

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Item	<b>273-11832--01-142 - Base Bid: Irrigation Sleeving</b>
Lot Description	Base Bid
Quantity	<b>1100 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b>
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	<b>Qty 1100</b>

**Description**

Furnish all materials, labor, and equipment to install 1 1/4 -inch (Minimum) to 6-inch -inch PVC SCH 40 irrigation sleeving.

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Item	<b>273-11832--01-143 - Base Bid: Control Wire</b>
Lot Description	Base Bid
Quantity	<b>14000 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b>
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	<b>Qty 14000</b>

**Description**

Furnish all materials, labor, and equipment to install 12 AWG, Copper, Type UF-83 THHN/THWN, with DBY-6 Connectors Install Different Colors for Each Valve (Do not use Green) control wire.

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Item	<b>273-11832--01-144 - Base Bid: Control Wire Conduit</b>
Lot Description	Base Bid
Quantity	<b>2400 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b>
	<a href="#">See ITB Specifications</a>
	See ITB Specifications

Fort Lauderdale FL 33301

Qty 2400

**Description**

Furnish all materials, labor, and equipment to install All Wire Sleeved Inside 2 -inch PVC Schedule 40 Electrical Conduit.

**Item** 273-11832--01-145 - Base Bid: Spray Heads**Lot Description** Base Bid**Quantity** 1600 each**Unit Price****Delivery Location** City of Fort Lauderdale[See ITB Specifications](#)[See ITB Specifications](#)

Fort Lauderdale FL 33301

Qty 1600

**Description**

Furnish all materials, labor, and equipment to install Rainbird 1812 PRS Pressure Regulating 12 Pop Up spray heads.

**Item** 273-11832--01-146 - Base Bid: Rainbird Bubblers**Lot Description** Base Bid**Quantity** 198 each**Unit Price****Delivery Location** City of Fort Lauderdale[See ITB Specifications](#)[See ITB Specifications](#)

Fort Lauderdale FL 33301

Qty 198

**Description**

Furnish all materials, labor, and equipment to install Rainbird 1 GPM Series 1404 Pressure Compensating rainbird bubblers.

**Item** 273-11832--01-147 - Base Bid: Flow Control**Lot Description** Base Bid**Quantity** 1600 each**Unit Price****Delivery Location** City of Fort Lauderdale[See ITB Specifications](#)[See ITB Specifications](#)

Fort Lauderdale FL 33301

Qty 1600

**Description**

Furnish all materials, labor, and equipment to install Hendrickson FLD520 2 GPM Flow Control Limiting Devices.

**Item** 273-11832--01-148 - Base Bid: 2-inch Gravel**Lot Description** Base Bid**Quantity** 56 cubic foot**Unit Price**

Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 56

**Description**

Furnish all materials, labor, and equipment to install 2-inch gravel below valve boxes.

Item **273-11832--01-149 - Base Bid: Filter Fabric**  
Lot Description **Base Bid**  
Quantity **128 square foot**  
Unit Price

Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 128

**Description**

Furnish all materials, labor, and equipment to install filter fabric under valve boxes.

Item **273-11832--01-150 - Base Bid: Bahia Sod**  
Lot Description **Base Bid**  
Quantity **800 square yard**  
Unit Price

Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 800

**Description**

Furnish all materials, labor and equipment to lay Bahia sod authorized by the Engineer of Record, including clear and grubbing, and all other appurtenances

Item **273-11832--01-151 - Base Bid: St. Augustine Sod**  
Lot Description **Base Bid**  
Quantity **800 square yard**  
Unit Price

Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 800

**Description**

Furnish all materials, labor and equipment to lay St. Augustine sod authorized by the Engineer of Record, including clear and grubbing, and all other appurtenances

Item **273-11832--01-152 - Base Bid: Tree Grate Restore/Rework**  
Lot Description **Base Bid**  
Quantity **6 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
Qty 6

**Description**

Furnish all materials, labor, and equipment to restore/rework tree grate to original condition including adjustment of tree grate and trimming of tree roots as necessary

Item **273-11832--01-153 - Base Bid: Yellow-Yellow RPM**  
Lot Description **Base Bid**  
Quantity **14 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
Qty 14

**Description**

Furnish all materials, labor, and equipment to install RPM s yellow-yellow

Item **273-11832--01-154 - Base Bid: Red-Clear RPM**  
Lot Description **Base Bid**  
Quantity **14 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
Qty 14

**Description**

Furnish all materials, labor, and equipment to install RPM s yellow-yellow

Item **273-11832--01-155 - Base Bid: 6-inch Double Yellow Thermoplastic Pavement Markings**  
Lot Description **Base Bid**  
Quantity **6000 linear foot**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
Fort Lauderdale FL 33301  
Qty 6000

**Description**

Furnish all materials, labor, and equipment to install (double) six -inch (6 ) wide yellow thermoplastic pavement markings

Item **273-11832--01-156 - Base Bid: 6-inch Double Yellow Paint Pavement Markings**

Lot Description Base Bid

Quantity **6000 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

[See ITB Specifications](#)

Fort Lauderdale FL 33301

Qty 6000

**Description**

Furnish all materials, labor, and equipment to install (double) six -inch (6 ) wide yellow paint pavement markings

Item **273-11832--01-157 - Base Bid: 4-inch White Thermoplastic Pavement Markings**

Lot Description Base Bid

Quantity **11000 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

[See ITB Specifications](#)

Fort Lauderdale FL 33301

Qty 11000

**Description**

Furnish all materials, labor and equipment to install four--inch (4 ) wide solid white thermoplastic pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item **273-11832--01-158 - Base Bid: 6-inch White Thermoplastic Pavement Markings**

Lot Description Base Bid

Quantity **3000 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

[See ITB Specifications](#)

Fort Lauderdale FL 33301

Qty 3000

**Description**

Furnish all materials, labor and equipment to install six--inch (6 ) wide solid white thermoplastic pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item **273-11832--01-159 - Base Bid: 8-inch White Thermoplastic Pavement Markings**

Lot Description Base Bid

Quantity **3000 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 3000

#### Description

Furnish all materials, labor and equipment to install eight--inch (8 ) wide solid white thermoplastic pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

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Item **273-11832--01-160 - Base Bid: 12-inch White Thermoplastic Pavement Markings**

Lot Description Base Bid

Quantity **3000 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 3000

#### Description

Furnish all materials, labor and equipment to install twelve--inch (12 ) wide solid white thermoplastic pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

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Item **273-11832--01-161 - Base Bid: 18-inch White Thermoplastic Pavement Markings**

Lot Description Base Bid

Quantity **500 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 500

#### Description

Furnish all materials, labor and equipment to install eighteen--inch (12 ) wide solid white thermoplastic pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

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Item **273-11832--01-162 - Base Bid: 24-inch White Thermoplastic Pavement Markings**

Lot Description Base Bid

Quantity **500 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 500



**Description**

Furnish all materials, labor and equipment to install twenty four--inch (12 ) wide solid white thermoplastic pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item **273-11832--01-163 - Base Bid: 4-inch White Paint Pavement Markings**

Lot Description **Base Bid**

Quantity **11000 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 11000

**Description**

Furnish all materials, labor and equipment to install four--inch (4 ) wide solid white paint pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item **273-11832--01-164 - Base Bid: 6-inch White Paint Pavement Markings**

Lot Description **Base Bid**

Quantity **3000 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 3000

**Description**

Furnish all materials, labor and equipment to install six--inch (6 ) wide solid white paint pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item **273-11832--01-165 - Base Bid: 8-inch White Paint Pavement Markings**

Lot Description **Base Bid**

Quantity **3000 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 3000

**Description**

Furnish all materials, labor and equipment to install eight--inch (8 ) wide solid white paint pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item **273-11832--01-166 - Base Bid: 12-inch White Paint Pavement Markings**

Lot Description      Base Bid  
 Quantity            **3000 linear foot**  
 Unit Price             
 Delivery Location   **City of Fort Lauderdale**  
                          [See ITB Specifications](#)  
                          See ITB Specifications  
                          Fort Lauderdale FL 33301  
                          Qty 3000

**Description**

Furnish all materials, labor and equipment to install twelve--inch (12 ) wide solid white paint pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item                    **273-11832--01-167 - Base Bid: 18-inch White Paint Pavement Markings**  
 Lot Description      Base Bid  
 Quantity            **500 linear foot**  
 Unit Price             
 Delivery Location   **City of Fort Lauderdale**  
                          [See ITB Specifications](#)  
                          See ITB Specifications  
                          Fort Lauderdale FL 33301  
                          Qty 500

**Description**

Furnish all materials, labor and equipment to install eighteen--inch (12 ) wide solid white paint pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item                    **273-11832--01-168 - Base Bid: 24-inch White Paint Pavement Markings**  
 Lot Description      Base Bid  
 Quantity            **500 linear foot**  
 Unit Price             
 Delivery Location   **City of Fort Lauderdale**  
                          [See ITB Specifications](#)  
                          See ITB Specifications  
                          Fort Lauderdale FL 33301  
                          Qty 500

**Description**

Furnish all materials, labor and equipment to install twenty four--inch (12 ) wide solid white paint pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item                    **273-11832--01-169 - Base Bid: 4-inch Yellow Thermoplastic Pavement Markings**  
 Lot Description      Base Bid  
 Quantity            **11000 linear foot**  
 Unit Price             
 Delivery Location   **City of Fort Lauderdale**  
                          [See ITB Specifications](#)

See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 11000

**Description**

Furnish all materials, labor and equipment to install four--inch (4 ) wide solid yellow thermoplastic pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item **273-11832--01-170 - Base Bid: 6-inch Yellow Thermoplastic Pavement Markings**

Lot Description Base Bid

Quantity **3000 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 3000

**Description**

Furnish all materials, labor and equipment to install six--inch (6 ) wide solid yellow thermoplastic pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item **273-11832--01-171 - Base Bid: 8-inch Yellow Thermoplastic Pavement Markings**

Lot Description Base Bid

Quantity **3000 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 3000

**Description**

Furnish all materials, labor and equipment to install eight--inch (8 ) wide solid yellow thermoplastic pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item **273-11832--01-172 - Base Bid: 12-inch Yellow Thermoplastic Pavement Markings**

Lot Description Base Bid

Quantity **3000 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 3000

**Description**

Furnish all materials, labor and equipment to install twelve--inch (12 ) wide solid yellow thermoplastic pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item	<b>273-11832--01-173 - Base Bid: 18-inch Yellow Thermoplastic Pavement Markings</b>
Lot Description	Base Bid
Quantity	<b>500 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b>
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	<b>Qty 500</b>

**Description**

Furnish all materials, labor and equipment to install eighteen--inch (12 ) wide solid yellow thermoplastic pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item	<b>273-11832--01-174 - Base Bid: 24-inch Yellow Thermoplastic Pavement Markings</b>
Lot Description	Base Bid
Quantity	<b>500 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b>
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	<b>Qty 500</b>

**Description**

Furnish all materials, labor and equipment to install twenty four--inch (12 ) wide solid yellow thermoplastic pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item	<b>273-11832--01-175 - Base Bid: 4-inch Yellow Paint Pavement Markings</b>
Lot Description	Base Bid
Quantity	<b>11000 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b>
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	<b>Qty 11000</b>

**Description**

Furnish all materials, labor and equipment to install four--inch (4 ) wide solid yellow paint pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item	<b>273-11832--01-176 - Base Bid: 6-inch Yellow Paint Pavement Markings</b>
Lot Description	Base Bid
Quantity	<b>3000 linear foot</b>

Unit Price Delivery Location **City of Fort Lauderdale**[See ITB Specifications](#)[See ITB Specifications](#)

Fort Lauderdale FL 33301

Qty 3000

**Description**

Furnish all materials, labor and equipment to install six--inch (6 ) wide solid yellow paint pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item **273-11832--01-177 - Base Bid: 8-inch Yellow Paint Pavement Markings**

Lot Description Base Bid

Quantity **3000 linear foot**Unit Price Delivery Location **City of Fort Lauderdale**[See ITB Specifications](#)[See ITB Specifications](#)

Fort Lauderdale FL 33301

Qty 3000

**Description**

Furnish all materials, labor and equipment to install eight--inch (8 ) wide solid yellow paint pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item **273-11832--01-178 - Base Bid: 12-inch Yellow Paint Pavement Markings**

Lot Description Base Bid

Quantity **3000 linear foot**Unit Price Delivery Location **City of Fort Lauderdale**[See ITB Specifications](#)[See ITB Specifications](#)

Fort Lauderdale FL 33301

Qty 3000

**Description**

Furnish all materials, labor and equipment to install twelve--inch (12 ) wide solid yellow paint pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item **273-11832--01-179 - Base Bid: 18-inch Yellow Paint Pavement Markings**

Lot Description Base Bid

Quantity **500 linear foot**Unit Price Delivery Location **City of Fort Lauderdale**[See ITB Specifications](#)[See ITB Specifications](#)

Fort Lauderdale FL 33301

Qty 500

**Description**

Furnish all materials, labor and equipment to install eighteen--inch (12 ) wide solid yellow paint pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item **273-11832--01-180 - Base Bid: 24-inch Yellow Paint Pavement Markings**

Lot Description **Base Bid**

Quantity **500 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 500

**Description**

Furnish all materials, labor and equipment to install twenty four--inch (12 ) wide solid yellow paint pavement markings, to include parking lots, on-street parking, bike lanes, right of way, crosswalks, parking stalls, and handicap access aisles; clearing and grubbing, and removal of existing, if needed

Item **273-11832--01-181 - Base Bid: 18-inch Chevron Thermoplastic Pavement Markings**

Lot Description **Base Bid**

Quantity **500 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 500

**Description**

Furnish all materials, labor, and equipment to install eighteen--inch (18 ) solid Chevron white thermoplastic pavement markings for parking stalls and handicap access aisles

Item **273-11832--01-182 - Base Bid: 18-inch Chevron Painted Pavement Markings**

Lot Description **Base Bid**

Quantity **200 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 200

**Description**

Furnish all materials, labor, and equipment to install eighteen--inch (18 ) solid Chevron white paint pavement markings for parking stalls and handicap access aisles

Item **273-11832--01-183 - Base Bid: White on Blue Handicap Pavement Marking (2 coat)**

Lot Description **Base Bid**

Quantity **45 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 45

**Description**

Furnish all materials, labor, and equipment to install white on blue paint (two coat application) handicap accessible parking symbol pavement marking

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Item **273-11832--01-184 - Base Bid: White on Blue Handicap Pavement Marking**  
Lot Description **Base Bid**  
Quantity **20 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 20

**Description**

Furnish all materials, labor, and equipment to install white on blue thermoplastic handicap accessible parking symbol pavement marking kit

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Item **273-11832--01-185 - Base Bid: ONLY Pavement Marking (2 coat)**  
Lot Description **Base Bid**  
Quantity **10 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 10

**Description**

Furnish all materials, labor, and equipment to install "Only" white paint (two coat application) pavement markings, per FDOT Index 17346, sheet 1 of 14

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Item **273-11832--01-186 - Base Bid: AHEAD Pavement Marking (2 coat)**  
Lot Description **Base Bid**  
Quantity **10 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 10

**Description**

Furnish all materials, labor, and equipment to install "Ahead" white paint (two coat application) pavement markings, per FDOT Index 17346, sheet 1 of 14

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Item	<b>273-11832--01-187 - Base Bid: YIELD Pavement Marking (2 coat)</b>
Lot Description	Base Bid
Quantity	<b>10 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b>
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	<b>Qty 10</b>

**Description**

Furnish all materials, labor, and equipment to install "YIELD" white paint (two coat application) pavement markings, per FDOT Index 17346, sheet 1 of 14

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Item	<b>273-11832--01-188 - Base Bid: PED Pavement Marking (2 coat)</b>
Lot Description	Base Bid
Quantity	<b>10 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b>
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	<b>Qty 10</b>

**Description**

Furnish all materials, labor, and equipment to install "PED" white paint (two coat application) pavement markings, per FDOT Index 17346, sheet 1 of 14

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Item	<b>273-11832--01-189 - Base Bid: XING Pavement Marking (2 coat)</b>
Lot Description	Base Bid
Quantity	<b>10 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b>
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	<b>Qty 10</b>

**Description**

Furnish all materials, labor, and equipment to install "XING" white paint (two coat application) pavement markings, per FDOT Index 17346, sheet 1 of 14

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Item	<b>273-11832--01-190 - Base Bid: MPH Pavement Marking (2 coat)</b>
Lot Description	Base Bid
Quantity	<b>10 each</b>
Unit Price	<input type="text"/>



Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 10

**Description**

Furnish all materials, labor, and equipment to install "MPH" white paint (two coat application) pavement markings, per FDOT Index 17346, sheet 1 of 14

Item **273-11832--01-191 - Base Bid: ONLY Pavement Marking**  
Lot Description Base Bid  
Quantity **10 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 10

**Description**

Furnish all materials, labor, and equipment to install "Only" white thermoplastic pavement markings, per FDOT Index 17346, sheet 1 of 14

Item **273-11832--01-192 - Base Bid: AHEAD Pavement Marking**  
Lot Description Base Bid  
Quantity **10 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 10

**Description**

Furnish all materials, labor, and equipment to install "Ahead" white thermoplastic pavement markings, per FDOT Index 17346, sheet 1 of 14

Item **273-11832--01-193 - Base Bid: YIELD Pavement Marking**  
Lot Description Base Bid  
Quantity **10 each**  
Unit Price   
Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 10

**Description**

Furnish all materials, labor, and equipment to install "YIELD" white thermoplastic pavement markings, per FDOT Index 17346, sheet 1 of 14

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Item	<b>273-11832--01-194 - Base Bid: PED Pavement Marking</b>
Lot Description	Base Bid
Quantity	<b>10 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b>
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	<b>Qty 10</b>

**Description**

Furnish all materials, labor, and equipment to install "PED" white thermoplastic pavement markings, per FDOT Index 17346, sheet 1 of 14

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Item	<b>273-11832--01-195 - Base Bid: XING Pavement Marking</b>
Lot Description	Base Bid
Quantity	<b>10 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b>
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	<b>Qty 10</b>

**Description**

Furnish all materials, labor, and equipment to install "XING" white thermoplastic pavement markings, per FDOT Index 17346, sheet 1 of 14

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Item	<b>273-11832--01-196 - Base Bid: MPH Pavement Marking</b>
Lot Description	Base Bid
Quantity	<b>10 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b>
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	<b>Qty 10</b>

**Description**

Furnish all materials, labor, and equipment to install "MPH" white thermoplastic pavement markings, per FDOT Index 17346, sheet 1 of 14

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Item	<b>273-11832--01-197 - Base Bid: 24-inch X 72-inch Bicycle Arrow Pavement Marking</b>
Lot Description	Base Bid
Quantity	<b>10 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b>
	<a href="#">See ITB Specifications</a>
	See ITB Specifications

Fort Lauderdale FL 33301

Qty 10

**Description**

Furnish all materials, labor, and equipment to install 24"X72" solid white paint (two coat application) bicycle arrow marking pavement markings, per FDOT Index 17347, sheet 1 of 4

Item **273-11832--01-198 - Base Bid: 24-inch X 72-inch Bicycle Arrow Pavement Marking (Thermoplastic)**

Lot Description **Base Bid**

Quantity **30 each**

Unit Price

Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 30

**Description**

Furnish all materials, labor, and equipment to install 24"X72" solid white thermoplastic bicycle arrow marking pavement markings, per FDOT Index 17347, sheet 1 of 5

Item **273-11832--01-199 - Base Bid: 40-inch X 72-inch Bicycle Arrow Pavement Marking**

Lot Description **Base Bid**

Quantity **30 each**

Unit Price

Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 30

**Description**

Furnish all materials, labor, and equipment to install 40"X72" solid white thermoplastic bicycle arrow marking pavement markings, per FDOT Index 17347, sheet 1 of 4

Item **273-11832--01-200 - Base Bid: 40-inch X 72-inch Bicycle Arrow Pavement Marking**

Lot Description **Base Bid**

Quantity **30 each**

Unit Price

Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
 See ITB Specifications  
 Fort Lauderdale FL 33301  
 Qty 30

**Description**

Furnish all materials, labor, and equipment to install 40"X72" solid white thermoplastic bicycle arrow marking pavement markings, per FDOT Index 17347, sheet 1 of 5

Item **273-11832--01-201 - Base Bid: 48-inch X 240-inch Green Bicycle and Arrow Combo Pavement Marking**

Lot Description **Base Bid**

Quantity **30 each**

Unit Price

Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
 Fort Lauderdale FL 33301  
**Qty 30**

**Description**

Furnish all materials, labor, and equipment to install 48"X240" green thermoplastic bicycle and arrow combo marking pavement markings, per FDOT Index 17347, sheet 1 of 4

Item **273-11832--01-202 - Base Bid: 40-inch X 112-inch Bike Lane Sharrow**

Lot Description **Base Bid**

Quantity **30 each**

Unit Price

Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
 Fort Lauderdale FL 33301  
**Qty 30**

**Description**

Furnish all materials, labor, and equipment to install 40"X112" solid white paint bicycle lane sharrow (two coat application) pavement markings, per FDOT Index 17347, sheet 1 of 4

Item **273-11832--01-203 - Base Bid: 40-inch X 112-inch Bike Lane Sharrow (performed thermoplastic)**

Lot Description **Base Bid**

Quantity **30 each**

Unit Price

Delivery Location **City of Fort Lauderdale**  
[See ITB Specifications](#)  
[See ITB Specifications](#)  
 Fort Lauderdale FL 33301  
**Qty 30**

**Description**

Furnish all materials, labor, and equipment to install 40"X112" solid white performed thermoplastic bicycle lane sharrow pavement markings, per FDOT Index 17347, sheet 1 of 4

Item **273-11832--01-204 - Base Bid: 40-inch X 112-inch Bike Lane Sharrow ( performed thermoplastic )**

Lot Description **Base Bid**

Quantity **30 each**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 30

**Description**

Furnish all materials, labor, and equipment to install 40"X112" solid green performed thermoplastic bicycle lane sharrow pavement markings, per FDOT Index 17347, sheet 1 of 4

Item **273-11832--01-205 - Base Bid: Tubular Markers**

Lot Description **Base Bid**

Quantity **100 each**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 100

**Description**

Furnish all materials, labor, and equipment to install tubular markers (TM 750 Series), manufactured by Flexstake Inc., 2150 Andrea Ln, Fort Myers, FL 33912 or equal City approved product

Item **273-11832--01-206 - Base Bid: 6-inch White (2-ft X 4-ft) Thermoplastic Pavement Markings**

Lot Description **Base Bid**

Quantity **1000 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 1000

**Description**

Furnish all materials, labor, and equipment to install six -inch solid (2 ft by 4 ft) white guide line thermoplastic pavement markings, per FDOT Index 17346, sheet 1 of 14

Item **273-11832--01-207 - Base Bid: 6-inch White (10-ft X 30-ft) Thermoplastic Pavement Markings**

Lot Description **Base Bid**

Quantity **1000 linear foot**

Unit Price

Delivery Location **City of Fort Lauderdale**

[See ITB Specifications](#)

See ITB Specifications

Fort Lauderdale FL 33301

Qty 1000

**Description**

Furnish all materials, labor, and equipment to install six-inch solid (10 ft by 30 ft) white guide line thermoplastic pavement markings, per FDOT Index 17346, sheet 1 of 14

---

Item	<b>273-11832--01-208 - Base Bid: 6-inch White (6-ft X 10-ft) Thermoplastic Pavement Markings</b>
Lot Description	Base Bid
Quantity	<b>1000 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b>
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	<b>Qty 1000</b>

**Description**

Furnish all materials, labor, and equipment to install six-inch solid (6 ft by 10 ft) white dotted extension line thermoplastic pavement markings, per FDOT Index 17346, sheet 1 of 14

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Item	<b>273-11832--01-209 - Base Bid: 6-inch Yellow (10-ft X 30-ft) Thermoplastic Pavement Markings</b>
Lot Description	Base Bid
Quantity	<b>1000 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b>
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	<b>Qty 1000</b>

**Description**

Furnish all materials, labor, and equipment to install six-inch solid (10 ft by 30 ft) yellow dotted extension line thermoplastic pavement markings, per FDOT Index 17346, sheet 1 of 14

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Item	<b>273-11832--01-210 - Base Bid: Speed Hump Arrow Pavement Markings</b>
Lot Description	Base Bid
Quantity	<b>40 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b>
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	<b>Qty 40</b>

**Description**

Furnish all materials, labor, and equipment to apply 6-feet by 6-feet by 6-feet in length thermoplastic arrows, to speed hump (Two arrows per location).

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Item	<b>273-11832--01-211 - Base Bid: New Sign Assembly</b>
Lot Description	Base Bid
Quantity	<b>10 each</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b>
	<a href="#">See ITB Specifications</a>

See ITB Specifications  
Fort Lauderdale FL 33301  
Qty 10

**Description**

Furnish all materials, labor and equipment to install new sign assemblies, this item include the removal and reconstruction of existing concrete, asphalt, sod, various rocks, limerock base, and gravel.

---

Item	273-11832--01-212 - Base Bid: Existing Sign Remove and Relocate
Lot Description	Base Bid
Quantity	10 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	Qty 10

**Description**

Furnish all materials, labor and equipment to remove and relocate of existing sign assemblies, this item include the removal and reconstruction of existing concrete, asphalt, sod, various rocks, limerock base, and gravel.

---

Item	273-11832--01-213 - Base Bid: Custom Sign Assembly
Lot Description	Base Bid
Quantity	10 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	Qty 10

**Description**

Furnish all materials, labor and equipment to install custom sign assemblies, this item include the removal and reconstruction of existing concrete, asphalt, sod, various rocks, limerock base, and gravel.

---

Item	273-11832--01-214 - Base Bid: Existing Custom Sign Remove and Relocate
Lot Description	Base Bid
Quantity	10 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	Qty 10

**Description**

Furnish all materials, labor and equipment to remove and relocate existing sign assemblies, these items include the removal and reconstruction of existing concrete, asphalt, sod, various rocks, limerock base, and gravel

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Item	273-11832--01-215 - Base Bid: Railroad Pavement Marking
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Lot Description      Base Bid  
Quantity            5 each  
Unit Price             
Delivery Location   **City of Fort Lauderdale**  
                         [See ITB Specifications](#)  
                         See ITB Specifications  
                         Fort Lauderdale FL 33301  
                         Qty 5

**Description**

Furnish all materials, labor, and equipment to install railroad sign thermoplastic pavement markings, per FDOT Index 17346, sheet 8 of 14.

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Item                    273-11832--01-216 - Base Bid: Wrong Way Arrow Pavement Marking  
Lot Description      Base Bid  
Quantity            5 each  
Unit Price             
Delivery Location   **City of Fort Lauderdale**  
                         [See ITB Specifications](#)  
                         See ITB Specifications  
                         Fort Lauderdale FL 33301  
                         Qty 5

**Description**

Furnish all materials, labor, and equipment to install "Wrong Way Arrow" thermoplastic pavement markings, per FDOT Index 17346, sheet 1 of 14

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Item                    273-11832--01-217 - Base Bid: Turn Lane-Use Arrow Pavement Marking  
Lot Description      Base Bid  
Quantity            5 each  
Unit Price             
Delivery Location   **City of Fort Lauderdale**  
                         [See ITB Specifications](#)  
                         See ITB Specifications  
                         Fort Lauderdale FL 33301  
                         Qty 5

**Description**

Furnish all materials, labor, and equipment to install "Turn Lane-Use Arrow" solid white thermoplastic pavement markings, per FDOT Index 17346, sheet 1 of 14

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Item                    273-11832--01-218 - Base Bid: Turn Lane-Use Arrow Pavement Marking  
Lot Description      Base Bid  
Quantity            5 each  
Unit Price             
Delivery Location   **City of Fort Lauderdale**  
                         [See ITB Specifications](#)  
                         See ITB Specifications  
                         Fort Lauderdale FL 33301  
                         Qty 5



**Description**

Furnish all materials, labor, and equipment to install "Turn Lane-Use Arrow" solid white paint (two coat application) pavement markings, per FDOT Index 17346, sheet 1 of 14

Item	<b>273-11832--01-219 - Base Bid: Thermoplastic Pavement Marking Removal</b>
Lot Description	Base Bid
Quantity	<b>1200 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b> <a href="#">See ITB Specifications</a> See ITB Specifications Fort Lauderdale FL 33301 Qty 1200

**Description**

Furnish all materials, labor and equipment to remove existing thermoplastic pavement marking striping before seal coating or re-striping a parking lot

Item	<b>273-11832--01-220 - Base Bid: Painted Pavement Marking Removal</b>
Lot Description	Base Bid
Quantity	<b>1200 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b> <a href="#">See ITB Specifications</a> See ITB Specifications Fort Lauderdale FL 33301 Qty 1200

**Description**

Furnish all materials, labor and equipment to remove existing paint pavement marking striping before seal coating or re-striping a parking lot

Item	<b>273-11832--01-221 - Base Bid: 6-inch Blue Painted Pavement Markings (2 coat)</b>
Lot Description	Base Bid
Quantity	<b>3000 linear foot</b>
Unit Price	<input type="text"/>
Delivery Location	<b>City of Fort Lauderdale</b> <a href="#">See ITB Specifications</a> See ITB Specifications Fort Lauderdale FL 33301 Qty 3000

**Description**

Furnish all materials, labor and equipment to install six -inch wide solid blue paint (two coat application), pavement markings for parking stalls and handicap access aisles

Item	<b>273-11832--01-222 - Base Bid: 6-inch Blue Thermoplastic Pavement Markings</b>
Lot Description	Base Bid
Quantity	<b>3000 linear foot</b>

Unit Price Delivery Location **City of Fort Lauderdale**[See ITB Specifications](#)[See ITB Specifications](#)

Fort Lauderdale FL 33301

**Qty** 3000**Description**

Furnish all materials, labor and equipment to install six -inch wide solid blue thermoplastic pavement markings for parking stalls and handicap access aisles

Item **273-11832--01-223 - Base Bid: Intersection Traffic Coating**Lot Description **Base Bid**Quantity **6000 square foot**Unit Price Delivery Location **City of Fort Lauderdale**[See ITB Specifications](#)[See ITB Specifications](#)

Fort Lauderdale FL 33301

**Qty** 6000**Description**

Furnish all materials, labor, and equipment to install high-friction and colored traffic coating patterned pavement per FDOT APL #523 or equal City approved product.

Item **273-11832--01-224 - Base Bid: 6 Foot Steel Bench**Lot Description **Base Bid**Quantity **10 each**Unit Price Delivery Location **City of Fort Lauderdale**[See ITB Specifications](#)[See ITB Specifications](#)

Fort Lauderdale FL 33301

**Qty** 10**Description**

Furnish all materials, labor, and equipment to install 6-foot (Black) Steel Bench, Model CBNA-R-103 manufactured by Victor Stanley, P.O. Drawer 330, Dunkirk, MD, 20754, www.victorstanley.com or equal City approved product

Item **273-11832--01-225 - Base Bid: 36 Gallon Litter Receptable**Lot Description **Base Bid**Quantity **10 each**Unit Price Delivery Location **City of Fort Lauderdale**[See ITB Specifications](#)[See ITB Specifications](#)

Fort Lauderdale FL 33301

**Qty** 10**Description**

Furnish all materials, labor, and equipment to install 36 Gallon (Black) Litter Receptable w/Domed Lid, Model S-42 manufactured by Victor Stanley, P.O. Drawer 330, Dunkirk, MD, 20754, www.victorstanley.com or equal City approved product

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Item	273-11832--01-226 - Base Bid: 36 Gallon Receptable Liner
Lot Description	Base Bid
Quantity	10 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	Qty 10

**Description**

Furnish all materials, labor, and equipment to install 36 Gallon (Black) High Density Plastic Receptable Liner, manufactured by Victor Stanley, P.O. Drawer 330, Dunkirk, MD, 20754, [www.victorstanley.com](http://www.victorstanley.com) or equal City approved product

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Item	273-11832--01-227 - Base Bid: Bike Rack
Lot Description	Base Bid
Quantity	5 each
Unit Price	<input type="text"/>
Delivery Location	City of Fort Lauderdale
	<a href="#">See ITB Specifications</a>
	See ITB Specifications
	Fort Lauderdale FL 33301
	Qty 5

**Description**

Furnish all materials, labor, and equipment to install Green Stainless Steel Bike Rack with Green Your Routine City of Fort Lauderdale logo plate, including wedge anchor and tamperproof nuts, manufactured by Dero Bike Rack Co., 504 Malcolm Ave SE Suite 100, Minneapolis, MN, 55414, [www.dero.com](http://www.dero.com) or equal City approved product

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CITY OF FORT LAUDERDALE  
PUBLIC WORKS DEPARTMENT

MINORITY BUSINESS ENTERPRISE (MBE) - WOMEN BUSINESS ENTERPRISE (WBE)

PRIME CONTRACTOR IDENTIFICATION FORM

In order to assist us in identifying the status of those companies doing business with the City of Fort Lauderdale, this form must be completed and returned with your bid package.

Name of Firm:	<input type="text"/>
Address of Firm:	<input type="text"/>
Telephone Number:	<input type="text"/>
Name of Person Completing Form:	<input type="text"/>
Title:	<input type="text"/>
Signature:	<input type="text"/>
Date:	<input type="text"/>
City Project Number:	<input type="text"/>
City Project Description:	<input type="text"/>

Please check the item(s) which properly identify the status of your firm:

- ☐ Our firm is not a MBE or WBE.
- ☐ Our firm is a MBE, as at least 51 percent is owned and operated by one or more socially and economically disadvantaged individuals.
- ☐ American Indian   ☐ Asian   ☐ Black   ☐ Hispanic
- ☐ Our firm is a WBE, as at least 51 percent is owned and operated by one or more women.
- ☐ American Indian   ☐ Asian   ☐ Black   ☐ Hispanic

## MBE/WBE CONTRACTOR INFORMATION

The City, in a continuing effort, is encouraging the increased participation of minority and women-owned businesses in Public Works Department related contracts. Along those lines, we are requiring that each firm provide documentation detailing their own programs for utilizing minority and women-owned businesses.

Submit this information as a part of this bid package and refer to the checklist, to ensure that all areas of concern are covered. The low responsive bidder may be contacted to schedule a meeting to discuss these objectives. It is our intention to proceed as quickly as possible with this project, so your cooperation in this matter is appreciated.

### CONTRACTOR CHECKLIST

- ☐ List Previous City of Fort Lauderdale Contracts

	5
	6

- ☐ Number of Employees in your firm

--Percent () Women

--Percent () Minorities

--Job Classifications of Women and Minorities

	5
	6

- ☐ Use of minority and/or women subcontractors on past projects.

	5
	6

- ☐ Nature of the work subcontracted to minority and/or women-owned firms.

	5
	6

- ☐ How are subcontractors notified of available opportunities with your firm?

	5
	6

☐ Anticipated amount to be subcontracted on this project.

	5
	6

☐ Anticipated amount to be subcontracted to minority and/or women-owned businesses on this project.

	5
	6

**TRENCH SAFETY**

Bidder acknowledges that included in the appropriate bid items of his bid and in the Total Bid Price are costs for complying with the Florida Trench Safety Act, Florida Statutes 553.60 – 553.64. The bidder further identifies the costs of such compliance to be summarized below:

Trench Safety Measure (Description)	Units of Measure (LF/SF)	Unit (Quantity)	Unit Cost	Extended Cost
A. <input type="text"/>	<input type="text"/>	<input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
B. <input type="text"/>	<input type="text"/>	<input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
C. <input type="text"/>	<input type="text"/>	<input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>
D. <input type="text"/>	<input type="text"/>	<input type="text"/>	\$ <input type="text"/>	\$ <input type="text"/>

Total: \$

The bidder certifies that all trench excavation done within his control in excess of five feet (5') in depth shall be in accordance with the Occupational Safety and Health Administration's excavation safety standards, C.F.R. s. 1926.650 Subpart P., and the Florida Trench Safety Act, Florida Statutes 553.60-553.64.

Failure to complete the above may result in the bid being declared non-responsive.

DATE:    
(SIGNATURE)

STATE OF:  COUNTY OF:

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

(Name of Individual Signing)

who, after first being duly sworn by me,  
 affixed his/her signature in the space provided above on this  
 day of , 20 .

NOTARY PUBLIC

My Commission Expires:

**NON-COLLUSION STATEMENT:**

By signing this offer, the vendor/contractor certifies that this offer is made independently and *free* from collusion. Vendor shall disclose below any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee who is an officer or director of, or has a material interest in, the vendor's business, who is in a position to influence this procurement.

Any City of Fort Lauderdale, FL officer or employee who has any input into the writing of specifications or requirements, solicitation of offers, decision to award, evaluation of offers, or any other activity pertinent to this procurement is presumed, for purposes hereof, to be in a position to influence this procurement.

For purposes hereof, a person has a material interest if they directly or indirectly own more than 5 percent of the total assets or capital stock of any business entity, or if they otherwise stand to personally gain if the contract is awarded to this vendor.

In accordance with City of Fort Lauderdale, FL Policy and Standards Manual, 6.10.8.3,

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

**Failure of a vendor to disclose any relationship described herein shall be reason for debarment in accordance with the provisions of the City Procurement Code.**

**NAME****RELATIONSHIPS**

-







**In the event the vendor does not indicate any names, the City shall interpret this to mean that the vendor has indicated that no such relationships exist.**



**QUESTIONNAIRE SHEET**

PLEASE PRINT OR TYPE:

Firm Name:

President

Business Address:

Telephone:

Fax:

E-Mail Address:

What was the last project of this nature which you completed?

	5
	6

The following are named as three corporations and representatives of those corporations for which you have performed work similar to that required by this contract, and which the City may contact as your references (include addresses and telephone numbers):

	5
	6

How many years has your organization been in business? 

Have you ever failed to complete work awarded to you; if so, where and why?

The name of the qualifying agent for the firm and his position is:

Certificate of Competency Number of Qualifying Agent:

Effective Date:

Expiration Date:

Licensed in:

Contractor's License #(s)

(County/State)

Expiration Date:

**NOTE: To be considered for award of this contract, the bidder must submit a financial statement upon request.**

**Contractor must have proper licensing prior to submitting bid and must submit evidence of same with bid.**

**QUESTIONNAIRE SHEET**

1. Have you personally inspected the proposed work and have you a complete plan for its performance?

	5
	6

2. Will you sublet any part of this work? If so, list the portions or specialties of the work that you will.

a)	
b)	
c)	
d)	
e)	
f)	
g)	

3. What equipment do you own that is available for the work?

	5
	6

4. What equipment will you purchase for the proposed work?

	5
	6

5. What equipment will you rent for the proposed work?

	5
	6

3		4
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## CONTRACT PAYMENT METHOD

The City of Fort Lauderdale has implemented a Procurement Card (P-Card) program which changes how payments are remitted to its vendors. The City is transitioning from traditional paper checks to credit card payments via MasterCard or Visa as part of this program.

This allows you as a vendor of the City of Fort Lauderdale, to receive your payment fast and safely. No more waiting for checks to be printed and mailed.

In accordance with Article 7, item 7.6 of the contract, payments on this contract will be made utilizing the City's P-Card. Accordingly, bidders must presently have the ability to accept these credit cards or take whatever steps necessary to implement acceptance of a card before the start of the contract term, or contract award by the City.

Please indicate with which credit card you prefer to be paid:

☐ Master Card

☐ Visa Card

Company Name:

Signature:

Print Name Title:

**CONSTRUCTION BID CERTIFICATION**

**Please Note:** All fields below must be completed. If the field does not apply to you, please note N/A in that field. If you are a foreign corporation, you may be required to obtain a certificate of authority from the department of state, in accordance with Florida Statute §607.1501 (visit <http://www.dos.state.fl.us/>).

Company: (Legal Registration)

Address:

City:  State:  Zip:

Telephone No.  FAX No.  Email:

Does your firm qualify for MBE or WBE status: MBE ☐ WBE ☐

If a corporation, state the name of the President, Secretary and Resident Agent. If a partnership, state the names of all partners. If a trade name, state the names of the individuals who do business under the trade name.

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Name</b>	<b>Title</b>	<b>Name</b>	<b>Title</b>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Name</b>	<b>Title</b>	<b>Name</b>	<b>Title</b>

**ADDENDUM ACKNOWLEDGEMENT** - Bidder acknowledges that the following addenda have been received and are included in the bid:

Addendum No.	Date Received	Addendum No.	Date Received	Addendum No.	Date Received	Addendum No.	Date Received
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**VARIANCES:** If you take exception or have variances to any term, condition, specification, or requirement in this bid you must specify such variance in the space provided below or reference in the space provided below all variances contained on other pages within your bid. Additional pages may be attached if necessary. No variances will be deemed to be part of the bid submitted unless such is listed and contained in the space provided below. The City does not, by virtue of submitting a variance, necessarily accept any variances. If no statement is contained in the below space, it is hereby implied that your response is in full compliance with this competitive solicitation. If you do not have variances, simply mark N/A. If submitting your response electronically through BIDS SYNC you must also click the "Take Exception" button.

The below signatory affirms that he has or will obtain all required permits and licenses from the appropriate agencies, and that his firm is authorized to do business in the State of Florida. The below signatory agrees to furnish all labor, tools, material, equipment and supplies, and to sustain all the expense incurred in doing the work set forth in strict accordance with the bid plans and contract documents at the unit prices indicated if awarded a contract. The below signatory has not divulged to, discussed, or compared this bid with other bidders, and has not colluded with any other bidder or parties to this bid whatsoever. Furthermore, the undersigned guarantees the truth and accuracy of all statements and answers contained in this bid. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a bid, that in no event shall the City's liability for bidder's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City protest ordinance contained in this competitive solicitation.

**Submitted by:**

Name (printed)

Date:

Signature

Date:

***CITY OF FORT LAUDERDALE  
CONTRACT AND SPECIFICATIONS PACKAGE***

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**BID NO. 273-11832**

**ANNUAL CONTRACT FOR TRANSPORTATION AND  
MOBILITY CAPITAL IMPROVEMENTS**



**Issued on Behalf of: Transportation and Mobility Department  
290 NE 3<sup>rd</sup> Avenue  
Fort Lauderdale, Florida 33301**

**ELIZABETH VAN ZANDT  
MOBILITY MANAGER**

**JAMES HEMPHILL  
SENIOR PROCUREMENT SPECIALIST  
Telephone: (954) 828-5143 E-mail: [Jhemphill@fortlauderdale.gov](mailto:Jhemphill@fortlauderdale.gov)**

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Stamped Asphalt Specifications

**CONTRACTOR PERFORMANCE EVALUATION**

**Note:** The following documents are available electronically for completion and documents **must** be returned with your bid along with your bid security, proof of insurance, and proof of required licenses/certifications.

- Attachment 1 - CITB Prime Contractor ID Form
- Attachment 2 - CITB Questionnaire Sheets
- Attachment 3 - CITB Trench Safety
- Attachment 4 - CITB Non-Collusion Statement
- Attachment 5 - CITB Contract Payment Method
- Attachment 6 - CITB Construction Bid Certification



## INSTRUCTIONS TO BIDDERS

The following instructions are given for the purpose of guiding bidders in properly preparing their bids or proposals. These directions have equal force and weight with the specifications and strict compliance is required with all of these provisions.

1. QUALIFICATIONS OF BIDDERS – No proposal will be accepted from, nor will any contract be awarded to, any person who is in arrears to the CITY OF FORT LAUDERDALE, upon any debt or contract, or who has defaulted, as surety or otherwise, upon any obligation to the City, or who is deemed irresponsible or unreliable by the City Commission of Fort Lauderdale.
2. PERSONAL INVESTIGATION - Bidders shall satisfy themselves by personal investigation, and by such other means as they may think necessary or desirable, as to the conditions affecting the proposed work and the cost. No information derived from maps, plans, specifications, or from the Engineer, City Manager, or their assistants shall relieve the Contractor from any risk or from fulfilling all terms of the contract.
3. INCONSISTENCIES – Any seeming inconsistency between different provisions of the plans, specifications, proposal or contract, or any point requiring explanation must be inquired into by the bidder, in writing, at least ten (10) days prior to the time set for opening proposals. After proposals are opened, the bidders shall abide by the decision of the Engineer as to such interpretation.
4. ADDENDA AND INTERPRETATIONS - No interpretations of the meaning of the plans, specifications or other contract documents will be made orally to any bidder. Prospective bidders must request such interpretation in writing as instructed in the bid package. To be considered, such request must be received by the Questions and Answers deadline as indicated in BIDSYNC.COM. Material changes, if any, to the scope of services or bidding procedures will only be transmitted by written addendum. **It is the bidder's responsibility to verify if addendums have been issued in BIDSYNC.COM.** Failure of any bidder to receive any such addenda or interpretation shall not relieve any bidder from any obligation under his bid as submitted. All addenda so issued shall become a part of the contract document. **Bidder** shall verify **in BIDSYNC.COM** that he has all addenda before submitting a bid.
5. LEGAL CONDITIONS - Bidders are notified to familiarize themselves with the provisions of the laws of the State of Florida relating to hours of labor on municipal work, and with the provisions of the laws of the State of Florida and the Charter and the ordinances of the City of Fort Lauderdale.
6. PUBLIC ENTITY CRIMES - A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to a public entity, may not be awarded or perform work as a Contractor, supplier, subcontractor, or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for CATEGORY TWO for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.
7. FORMS OF PROPOSALS - Each proposal and its accompanying statements must be made on the blanks provided. **THE FORMS MUST BE SUBMITTED ELECTRONICALLY, IN GOOD ORDER WITH ALL BLANKS COMPLETED,** and must show the name of the bidder and a statement as to its contents. The proposal must be signed by one duly authorized to do so, and in case signed by a deputy or subordinate, the principal's properly written authority to such

deputy or subordinate must accompany the proposal. No proposal will be accepted, for any reason whatsoever, which is not submitted to the City as stated above, within the specified time.

8. INSURANCE - Contractor shall provide and shall require all of its sub-contractors to provide, pay for, and maintain in force at all times during the term of the Agreement, such insurance, including Property Insurance (Builder's Risk), Commercial General Liability Insurance, Business Automobile Liability Insurance, Workers' Compensation Insurance, Employer's Liability Insurance, and Umbrella/Excess Liability, as stated below. Such policy or policies shall be issued by companies authorized to do business in the State of Florida and having agents upon whom service of process may be made in the State of Florida.

9. BID BOND - A certified check, cashier's check or bank officer's check, for the sum set forth in the advertisement, made payable to the City of Fort Lauderdale, Florida, or bid bond in such amount, shall accompany each proposal as evidence of the good faith and responsibility of the bidder. The check or bond shall be retained by the City as liquidated damages should the bidder refuse to or fail to enter into a contract for the execution of the work embraced in this proposal, in the event the proposal of the bidder is accepted. Retention of such amount shall not be construed as a penalty or forfeiture.

The above bond or check shall be a guarantee that the bidder will, if necessary, promptly execute a satisfactory contract and furnish good and sufficient bonds. As soon as a satisfactory contract has been executed and the bonds furnished and accepted, the check or bond accompanying the proposal of the successful bidder will be returned to him. The certified or other checks or bid bonds of the unsuccessful bidders will be returned to them upon the acceptance of the bid of the successful bidder. If the successful bidder shall not enter into, execute, and deliver such a contract and furnish the required bonds within ten (10) days after receiving notice to do so, the certified or other check or bid bond shall immediately become the property of the City of Fort Lauderdale as liquidated damages. Retention of such amount shall not be construed as a penalty or forfeiture.

10. FILLING IN BIDS - All prices must be electronically submitted in the proposal pages, and all proposals must fully cover all items for which proposals are asked and no other. Bidders are required to state the names and places of residence of all persons interested, and if no other person is interested, the bidder shall distinctly state such fact and shall state that the proposal is, in all respects, fair and without collusion or fraud. Where more than one person is interested, it is required that all persons interested or their legal representative make all verification and subscribe to the proposal.
11. PRICES QUOTED: Deduct any discount offered and quote firm net unit prices. In the case of a discrepancy in computing the amount of the bid, the unit price quoted will govern. All prices quoted shall be F.O.B. destination, freight prepaid (Bidder pays and bears freight charges, Bidder owns goods in transit and files any claims), unless otherwise stated in Special Conditions. Each item must be bid separately. No attempt shall be made to tie any item or items contained in the ITB with any other business with the City.
12. BIDS FIRM FOR ACCEPTANCE: Bidder warrants, by virtue of bidding, that his bid and the prices quoted in his bid will be firm for acceptance by the City for a period of one hundred and twenty (120) days from the date of bid opening unless otherwise stated in the ITB. The City shall award contract within this time period or shall request to the recommended awarded vendor an extension to hold pricing, until products/services have been awarded.
13. ADDITIONAL ITEMS OR SERVICES: The City may require additional items or services of a similar nature, but not specifically listed in the contract. The Contractor agrees to provide such items or services, and shall provide the City prices on such additional items or service. If the price(s) offered are not acceptable to the City, and the situation cannot be resolved to the

satisfaction of the City, the City reserves the right to procure those items or services from other vendors, or to cancel the contract upon giving the Contractor thirty (30) days written notice.

14. **DELETION OR MODIFICATION OF SERVICES:** The City reserves the right to delete any portion of the Contract at any time without cause, and if such right is exercised by the City, the total fee shall be reduced in the same ratio as the estimated cost of the work deleted bears to the estimated cost of the work originally planned. If work has already been accomplished on the portion of the Contract to be deleted, the Contractor shall be paid for the deleted portion on the basis of the estimated percentage of completion of such portion.

If the Contractor and the City agree on modifications or revisions to the task elements, after the City has approved work to begin on a particular task or project, and a budget has been established for that task or project, the Contractor will submit a revised budget to the City for approval prior to proceeding with the work.

15. **CAUSES FOR REJECTION** - No proposal will be canvassed, considered or accepted which, in the opinion of the City Commission, is informal or unbalanced, or contains inadequate or unreasonable prices for any items; each item must carry its own proportion of the cost as nearly as is practicable. Any alteration, erasure, interlineation, or failure to specify bids for all items called for in the schedule shall render the proposal informal.
16. **REJECTION OF BIDS** - The City reserves the right to reject any bid if the evidence submitted by the bidder, or if the investigation of such bidder, fails to satisfy the City that such bidder is properly qualified to carry out the obligations and to complete the work contemplated. Any or all proposals will be rejected, if there is reason to believe that collusion exists among bidders. A proposal will be considered irregular and may be rejected, if it shows serious omissions, alterations in form, additions not called for, conditions or unauthorized alternates, or irregularities of any kind. The City reserves the right to reject any or all proposals and to waive such technical errors as may be deemed best for the interests of the City.
17. **BID PROTEST PROCEDURE:** Any proposer or bidder who is not recommended for award of a contract and who alleges a failure by the City to follow the City's procurement ordinance or any applicable law may protest to the Procurement Division – Deputy Director of Finance, by delivering a letter of protest within five (5) days after a Notice of Intent to award is posted on the City's website at the following link:

<http://fortlauderdale.gov/departments/finance/procurement-services/notices-of-intent-to-award>

The complete protest ordinance may be found on the City's website at the following link:  
<http://www.fortlauderdale.gov/purchasing/protestordinance.pdf>

18. **WITHDRAWALS** - Any bidder may, without prejudice to himself, withdraw his proposal at any time prior to the expiration of the time during which proposals may be submitted. Such request for withdrawal must be in writing and signed in the same manner and by the same person who signed the proposal. After expiration of the period for receiving proposals, no proposal can be withdrawn, modified, or explained.

19. CONTRACT - The bidder to whom award is made shall execute a written contract to do the work and maintain the same in good repair until final acceptance by the proper authorities, and shall furnish good and sufficient bonds as specified within ten (10) days after receiving such contract for execution. If the bidder to whom the first award is made fails to enter into a contract as provided, the award may be annulled and the contract let to the next lowest bidder who is reliable, responsible, and responsive in the opinion of the City Commission, and that bidder shall fulfill every stipulation and obligation as if such bidder were the original party to whom award was made.

The contract shall provide that the Contractor agrees to correct any defective or faulty work or material, which may appear within one (1) year after completion of the work and receipt of final payment.

20. ENFORCEMENT OF SPECIFICATIONS - Copies of the specifications will be placed in the hands of all the assistants to the Engineer and Inspectors employed on the work, who shall enforce each and every requirement of the contract. Such assistants shall have no authority to vary from such requirements.
21. COPIES OF DRAWING PLANS - Copies of the drawing plans are on file in the Public Works Department, City Hall, 4<sup>th</sup> Floor, 100 N. Andrews Avenue, Fort Lauderdale, Florida 33301.
22. SURETY BOND – The Contractor shall execute and record in the public records of Broward County, Florida, a payment and performance bond in an amount at least equal to the Contract Price with a surety insurer authorized to do business in the State of Florida as surety, ("Bond"), in accordance with Section 255.05, Florida Statutes (2014), as may be amended or revised, as security for the faithful performance and payment of all of the Contractor's obligations under the Contract Documents.

The successful bidder shall furnish a performance and payment bond in compliance with Section 255.05, Florida Statutes, written by a Corporate Surety company, holding a Certificate of Authority from the Secretary of the Treasury of the United States as acceptable sureties on federal bonds, in an amount equal to the total amount payable by the terms of the contract, executed and issued by a Resident Agent licensed by and having an office in the State of Florida, representing such Corporate Surety, conditioned for the due and faithful performance of the work, and providing in addition to all other conditions, that if the Contractor, or his or its subcontractors, fail to duly pay for any labor, materials, or other supplies used or consumed by such Contractor, or his or its subcontractor or subcontractors, in performance of the work contracted to be done, the Surety will pay the same in the amount not exceeding the sum provided in such bonds, together with interest at the rate of fifteen percent (15%) per annum, and that they shall indemnify and save harmless the City of Fort Lauderdale to the extent of any and all payments in connection with carrying out of the contract, which the City may be required to make under the law.

The Contractor is required at all times to have a valid surety bond in force covering the work being performed. A failure to have such bond in force at any time shall constitute a default on the part of the Contractor. A bond written by a surety, which becomes disqualified to do business in the State of Florida, shall automatically constitute a failure on the part of the Contractor to meet the above requirements.

Such bond shall continue in effect for one (1) year after completion and acceptance of the work with liability equal to at least twenty-five percent (25%) of contract price, or an additional bond shall be conditioned that the Contractor will correct any defective or faulty work or material which appear within one (1) year after completion of the contract, upon notification by the City, except in contracts which are concerned solely with demolition work, in which cases twenty-five percent (25%) liability will not be applicable.

23. AUDIT OF CONTRACTOR'S RECORDS - Upon execution of the Contract, the City reserves the right to conduct any necessary audit of the Contractor's records. Such an audit, or audits, may be conducted by the City or its representatives at any time prior to final payment, or thereafter, for a period up to three (3) years. The City may also require submittal of the records from either the Contractor, the Subcontractor, or both. For the purpose of this Section, records shall include all books of account, supporting documents and papers deemed necessary by the City to assure compliance with the contract provisions.

Failure of the Contractor or Subcontractor to comply with these requirements may result in disqualification or suspension from bidding for future contracts or disapproval as a Subcontractor at the option of the City.

The Contractor shall assure that each of its Subcontractors will provide access to its records pertaining to the project upon request by the City.

24. PERIODIC ESTIMATE FOR PARTIAL PAYMENT - After the Contractor has submitted a periodic estimate for partial payment, approved and certified by the Public Works Department, the City shall make payment in the manner provided in the Contract Documents and in accordance with Florida's Prompt Payment Act, Section 218, Florida Statutes.
25. RESERVATION FOR AWARD AND REJECTION OF BIDS - The City reserves the right to accept or reject any or all bids, part of bids, and to waive minor irregularities or variations to specifications contained in bids, and minor irregularities in the bidding process. The City also reserves the right to award the contract on a split order basis; lump sum basis, individual item basis, or such combination as shall best serve the interest of the City. The City reserves the right to make an award to the responsive and responsible bidder whose product or service meets the terms, conditions, and specifications of the ITB and whose bid is considered to best serve the City's interest. In determining the responsiveness of the offer and the responsibility of the Bidder, the following shall be considered when applicable: the ability, capacity and skill of the Bidder to perform as required; whether the Bidder can perform promptly, or within the time specified, without delay or interference; the character, integrity, reputation, judgment, experience and efficiency of the Bidder; the quality of past performance by the Bidder; the previous and existing compliance by the Bidder with related laws and ordinances; the sufficiency of the Bidder's financial resources; the availability, quality and adaptability of the Bidder's supplies or services to the required use; the ability of the Bidder to provide future maintenance, service or parts; the number and scope of conditions attached to the bid.
26. MINORITY AND WOMEN BUSINESS ENTERPRISE PARTICIPATION AND BUSINESS - It is the desire of the City of Fort Lauderdale to increase the participation of minority (MBE) and women-owned (WBE) businesses in its contracting and procurement programs. While the City does not have any preference or set aside programs in place, it is committed **to a policy of equitable participation for these firms**. The City of Fort Lauderdale wants to increase the participation of Minority Business Enterprises (MBE), Women Business Enterprises (WBE), and Small Business Enterprises (SBE) in its procurement activities. If your firm qualifies in accordance with the below definitions please indicate in the space provided in this ITB.

Minority Business Enterprise (MBE) "A Minority Business" is a business enterprise that is owned or controlled by one or more socially or economically disadvantaged persons. Such

disadvantage may arise from cultural, racial, chronic economic circumstances or background or other similar cause. Such persons include, but are not limited to: Blacks, Hispanics, Asian Americans, and Native Americans.

The term "Minority Business Enterprise" means a business at least fifty-one percent (51%) of which is owned by minority group members or, in the case of a publicly owned business, at least fifty-one percent (51%) of the stock of which is owned by minority group members. For the purpose of the preceding sentence, minority group members are citizens of the United States who include, but are not limited to: Blacks, Hispanics, Asian Americans, and Native Americans.

Women Business Enterprise (WBE) a "Women Owned or Controlled Business" is a business enterprise at least fifty-one percent (51%) of which is owned by females or, in the case of a publicly owned business, at least fifty-one percent (51%) of the stock of which is owned by females.

Small Business Enterprise (SBE) "Small Business" means a corporation, partnership, sole proprietorship, or other legal entity formed for the purpose of making a profit, which is independently owned and operated, has either fewer than 100 employees or less than \$1,000,000 in annual gross receipts.

BLACK includes persons having origins in any of the Black racial groups of Africa.

WHITE includes persons whose origins are Anglo-Saxon and Europeans and persons of Indo-European decent including Pakistani and East Indian.

HISPANIC includes persons of Mexican, Puerto Rican, Cuban, Central and South American, or other Spanish culture or origin, regardless of race.

NATIVE AMERICAN includes persons whose origins are American Indians, Eskimos, Aleuts, or Native Hawaiians.

ASIAN AMERICAN includes persons having origin in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands.

27. DEBARRED OR SUSPENDED BIDDERS OR PROPOSERS – The bidder or proposer certifies, by submission of a response to this solicitation, that neither it nor its principals and subcontractors are presently debarred or suspended by any Federal department or agency.
28. LOBBYING ACTIVITIES - ALL CONTRACTORS PLEASE NOTE: Any contractor submitting a response to this solicitation must comply, if applicable, with City of Fort Lauderdale Ordinance No. C-00-27 & Resolution No. 07-101, Lobbying Activities. Copies of Ordinance No., C-00-27, and Resolution No. 07-101, may be obtained from the City Clerk's Office on the 7th Floor of City Hall, 100 N. Andrews Avenue, Fort Lauderdale, Florida. The ordinance may also be viewed on the City's website at [http://www.fortlauderdale.gov/clerk/LobbyistDocs/lobbyist\\_ordinance.pdf](http://www.fortlauderdale.gov/clerk/LobbyistDocs/lobbyist_ordinance.pdf).

## SPECIAL CONDITIONS

### 01. PURPOSE

The City of Fort Lauderdale, Florida (City) is seeking bids from qualified bidders, hereinafter referred to as the Contractor, to provide Annual Contract for Transportation and Mobility Capital Improvements for the City's Transportation and Mobility Department, in accordance with the terms, conditions, and specifications contained in this Invitation To Bid (ITB). Work includes, but is not limited to, constructing, repairing, or upgrading parking lots, sidewalk, roadway, bicycle, and pedestrian amenities.

### 02. TRANSACTION FEES

The City of Fort Lauderdale uses BidSync ([www.bidsync.com](http://www.bidsync.com)) to distribute and receive bids and proposals. There is no charge to vendors/contractors to register and participate in the solicitation process, nor will any fees be charged to the awarded contractor.

### 03. SUBMISSION OF BIDS

It is the sole responsibility of the Contractor to ensure that their bid is submitted electronically through BidSync at [www.bidsync.com](http://www.bidsync.com) and that any bid security not submitted via BidSync reaches the City of Fort Lauderdale City Hall, Procurement Services Division, 6<sup>th</sup> floor, Room 619, 100 N. Andrews Avenue, Fort Lauderdale, FL 33301 in a sealed envelope marked on the outside with the ITB solicitation number and Contractor's name, no later than the time and date specified in this solicitation. **PAPER BID SUBMITALS WILL NOT BE ACCEPTED. PLEASE SUBMIT YOUR BID RESPONSE ELECTRONICALLY.**

### 04. INFORMATION OR CLARIFICATION

For information concerning procedures for responding to this solicitation, contact **James Hemphill, Senior Procurement Specialist** at (954) 828-5143 or email at [jhemphill@fortlauderdale.gov](mailto:jhemphill@fortlauderdale.gov) Such contact shall be for clarification purposes only.

For information concerning technical specifications please utilize the question/answer feature provided by BidSync at [www.bidsync.com](http://www.bidsync.com). Questions of a material nature must be received prior to the cut-off date specified in the solicitation. Material changes, if any, to the scope of services or bidding procedures will only be transmitted by written addendum. (See addendum section of BidSync Site). **Contractors please note:** No part of your bid can be submitted via FAX. No variation in price or conditions shall be permitted based upon a claim of ignorance. Submission of a bid will be considered evidence that the Contractor has familiarized himself with the nature and extent of the work, and the equipment, materials, and labor required. The entire bid response must be

submitted in accordance with all specifications contained in this solicitation. The questions and answers submitted in BidSync shall become part of any contract that is created from this ITB.

## 05. CONTRACT TIME

- 5.1 The initial contract term shall commence upon date specified in the Notice To Proceed given by the City and shall expire **two (2)** years from that date. The City reserves the right to extend the contract for **two (2)** additional **one (1)** year terms, providing all terms, conditions and specifications remain the same, both parties agree to the extension, and such extension is approved by the City.
- 5.2 The Contractor recognizes that **TIME IS OF THE ESSENCE**. The Work on each Task Order shall commence immediately upon the Contractor's receipt of an executed Task Order.
- 5.3 The Contractor shall mobilize to the project site and begin construction activities within 10 calendar days of receipt of an executed Task Order or by the specific date noted within the Task Order (whichever applies).
- 5.4 The Work on each Task Order shall be substantially completed within the timeframe agreed upon and noted in each executed Task Order.
- 5.5 The Work on each Task Order shall be finally completed on or before the Final Completion Date and ready for final payment in accordance with Final Completion Date agreed upon and noted in each executed Task Order.
- 5.6 In the event services are scheduled to end because of the expiration of this contract, the Contractor shall continue the service upon the request of the City as authorized by the awarding authority. The extension period shall not extend for more than ninety (90) days beyond the expiration date of the existing contract. The Contractor shall be compensated for the service at the rate in effect when this extension clause is invoked by the City.

The City of Fort Lauderdale reserves the right to waive any informality in any bid and to reject any or all bids. The City of Fort Lauderdale reserves the right to reduce or delete any of the bid items.

**At time of award of contract, the City reserves the right to set a maximum dollar limit that may be expended on this project. Contract quantities of any or all items may be increased, reduced, or eliminated to adjust the contract amount to coincide with the amount of work necessary or to bring the contract value to within the established limit. All quantities are estimated and the City reserves the right to increase, reduce, or eliminate the contract quantities in any amount.**



## AWARDS

Number of awards anticipated: 1

The undersigned bidder affirms that he has or will obtain all equipment necessary to complete the work described, that he has or will obtain all required permits and licenses from the appropriate agencies, and that his firm is authorized to do business in the State of Florida.

### 06. BID SECURITY

A certified check, cashier's check, bank officer's check or bid bond for **FIVE** percent (**5%**) of the bid amount, made payable to the City of Fort Lauderdale, Florida, shall accompany each proposal.

### 07. REQUIRED LICENSES/CERTIFICATIONS

Contractor must possess the following licenses/certifications to be considered for award.

State of Florida General Contractors License or Broward County Certificate of Competency with State Registration or Certified Underground Utility and Excavation Contractor License

**Note: Contractor must have proper licensing prior to submitting bid.**

### 08. SPECIFIC EXPERIENCE REQUIRED – n/a

### 09. BID ALLOWANCE

**Note regarding allowance for permits:** Payments will be made to the contractor based on the actual cost of permits upon submission of paid permit receipts. The City shall not pay for other costs related to obtaining or securing permits.

The amount indicated is intended to be sufficient to cover the entire project. If the City Permit fees exceed the allowance indicated, the City will reimburse the contractor the actual amount of City Permit Fees required for project completion.

Allowance	\$
Permit fee allowance	\$30,000
Other: Mobilization (not to exceed 5% of Task Order total)	\$100,000
Other: City controlled allowance for unforeseen conditions. (not to exceed 7% of Task Order total)	\$50,000
<b>TOTAL</b>	<b>\$180,000</b>

**Note: The City will add this allowance to your bid.**

**10. INSURANCE REQUIREMENTS** *(See Article 10, Bonds and Insurance, of the Contract for details)*

Insurance

10.1 Contractor shall provide and shall require all of its sub-contractors to provide, pay for, and maintain in force at all times during the term of the Agreement, such insurance, including Property Insurance (Builder's Risk), Commercial General Liability Insurance, Business Automobile Liability Insurance, Workers' Compensation Insurance, Employer's Liability Insurance, and Umbrella/Excess Liability, as stated below, as well as Professional Liability insurance in the amount of \$1,000,000 for any Architectural and/or Engineering requirements associated with the fulfillment of the contract if required. Such policy or policies shall be issued by companies authorized to do business in the State of Florida and having agents upon whom service of process may be made in the State of Florida.

- A. The City is required to be named as additional insured on the Commercial General Liability insurance policy. BINDERS ARE UNACCEPTABLE. The insurance coverage required shall include those classifications, as listed in standard liability insurance manuals, which most nearly reflect the operations of the Contractor. Any exclusions or provisions in the insurance maintained by the Contractor that precludes coverage for the work contemplated in this Agreement shall be deemed unacceptable, and shall be considered a breach of contract.
- B. The Contractor shall provide the City an original Certificate of Insurance for policies required by Article 10. All certificates shall state that the City shall be given ten (10) days' notice prior to expiration or cancellation of the policy. The insurance provided shall be endorsed or amended to comply with this notice requirement. In the event that the insurer is unable to accommodate, it shall be the responsibility of the Contractor to provide the proper notice. Such notification will be in writing by registered mail, return receipt requested and addressed to the Finance Department. Such policies shall: (1) name the insurance company or companies affording coverage acceptable to the City, (2) state the effective and expiration dates of the policies, (3) include special endorsements where necessary. Such policies provided under Article 10 shall not be affected by any other policy of insurance, which the City may carry in its own name.
- C. Contractor shall as a condition precedent of this Agreement, furnish to the City of Fort Lauderdale, c/o Project Manager, 100 N. Andrews Avenue, Fort Lauderdale, FL 33301, Certificate(s) of Insurance upon execution of this Agreement, which indicate that insurance coverage has been obtained which meets the requirements as outlined below:

10.2 Property Insurance (Builder's Risk): N/A

### 10.3 Commercial General Liability

- A. Limits of Liability:
- |   |             |
|---|-------------|
| Bodily Injury and Property Damage - Combined Single Limit |             |
| Each Occurrence   | \$1,000,000 |
| Project Aggregate   | \$1,000,000 |
| General Aggregate   | \$2,000,000 |
| Personal Injury   | \$1,000,000 |
| Products/Completed Operations                             | \$1,000,000 |
- B. Endorsements Required:
- City of Fort Lauderdale included as an Additional Insured
  - Broad Form Contractual Liability
  - Waiver of Subrogation
  - Premises/Operations
  - Products/Completed Operations
  - Independent Contractors
  - Owners and Contractors Protective Liability

### 10.4 Business Automobile Liability

- A. Limits of Liability:
- |   |             |
|---|-------------|
| Bodily Injury and Property Damage - Combined Single Limit |             |
| All Autos used in completing the contract                 |             |
| Including Hired, Borrowed or Non-Owned Autos              |             |
| Any One Accident  | \$1,000,000 |
- B. Endorsements Required:
- Waiver of Subrogation

### 10.5 Workers' Compensation and Employer's Liability Insurance

Limits: Workers' Compensation – Per Florida Statute 440  
Employers' Liability - \$500,000

Any firm performing work on behalf of the City of Fort Lauderdale must provide Workers' Compensation insurance. Exceptions and exemptions can only be made if they are in accordance with Florida Law.

Contractor must be in compliance with all applicable State and Federal workers' compensation laws, including the U.S. Longshore Harbor Workers' Act or Jones Act.

- 10.6 Umbrella/Excess Liability: The Contractor shall provide umbrella/excess coverage with limits of no less than \$2,000,000 excess of Commercial General Liability, Automobile Liability and Employer's Liability.

- 10.7 All insurance policies required above shall be issued by companies authorized to do business under the laws of the State of Florida, with the following qualifications:

The Contractor's insurance must be provided by an A.M. Best's "A-" rated or better insurance company authorized to issue insurance policies in the State of Florida, subject to approval by the City's Risk Manager. Any exclusions or provisions in the insurance maintained by the Contractor that precludes coverage for work contemplated in this project shall be deemed unacceptable, and shall be considered breach of contract.

NOTE: CITY PROJECT NUMBER MUST APPEAR ON EACH CERTIFICATE.

**A Sample Insurance Certificate shall be included with the proposal to demonstrate the firm's ability to comply with insurance requirements. Provide a previous certificate or other evidence listing the insurance companies' names for all required coverage, and the dollar amounts of the coverage.**

Compliance with the foregoing requirements shall not relieve the Contractor of their liability and obligation under this section or under any other section of this Agreement.

The Contractor shall be responsible for assuring that the insurance certificates required in conjunction with this Section remain in force for the duration of the Project. If insurance certificates are scheduled to expire during the contractual period, the Contractor shall be responsible for submitting new or renewed insurance certificates to the City at a minimum of thirty (30) calendar days in advance of such expiration. In the event that expired certificates are not replaced with new or renewed certificates that cover the contractual period, the City shall:

- A. Suspend the Agreement until such time as the new or renewed certificates are received by the City.
- B. The City may, at its sole discretion, terminate the Agreement for cause and seek damages from the Contractor in conjunction with the violation of the terms and conditions of the Agreement.

**11. PERFORMANCE AND PAYMENT BOND: 100%**

**12. CITY PROJECT MANAGER**

The Project Manager is hereby designated by the City as **Elizabeth Van Zandt** whose address is 290 NE 3<sup>rd</sup> Ave, Fort Lauderdale, FL 33301, telephone number: (954) 828-3796, and email address [isevanzandt@fortlauderdale.gov](mailto:isevanzandt@fortlauderdale.gov). The Project Manager will assume all duties and responsibilities and will have the rights and authorities assigned to the Project Manager in the Contract Documents in connection with completion of the Work in accordance with this Agreement.

**13. LIQUIDATED DAMAGES** *(See Article 16, Liquidated Damages, of the Contract for details)*

Upon failure of the Contractor to complete the Work of an executed task order within the agreed upon and approved time for said Task Order, the Contractor shall pay to the City the sum of **Five Hundred Dollars (\$500.00)** for each and every calendar day that the completion of the Task Order is delayed beyond the time agreed upon for said Task Order, as fixed and agreed liquidated damages and not as a penalty, so long as the delay is caused by the Contractor. (See Article 16, Liquidated Damages Clause, of the Contract)

**14. PAYMENT** *(See Article 7, Payment, of the Contract for other details)*

The City has implemented a Purchasing Card (P-Card) Program utilizing both VISA and MASTERCARD networks. Purchases from this contract will be made utilizing the City's Purchasing Card. Contractor will receive payment from the purchasing card in the same manner as other credit card purchases. Accordingly, bidders must presently have the ability to accept these credit cards or take whatever steps necessary to implement the ability before the start of the contract term, or contract award by the City. The City reserves the right to revise this program as necessary.

**15. WORK SCHEDULE (including overtime hours):**

Work hours: Monday through Friday, between 7:00 am and 6:00 pm.

City Inspections: Monday through Friday, 8:00 am to 4:30 pm.

**16. INSPECTION OVERTIME COST:** \$219 / hr.

CITY OF FORT LAUDERDALE  
CONSTRUCTION AGREEMENT

THIS AGREEMENT made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between the City of Fort Lauderdale, a Florida municipal corporation (City) and \_\_\_\_\_, (Contractor), (parties);

WHEREAS, the City desires to retain a contractor for the Project as expressed in its Invitation to Bid No. \_\_\_\_\_, Project No. \_\_\_\_\_, which was opened on \_\_\_\_\_; and,

WHEREAS, the Contractor has expressed its willingness and capability to perform the necessary work to accomplish the Project.

NOW, THEREFORE, the City and the Contractor, in consideration of the mutual covenants and conditions contained herein and for other good and valuable consideration, the receipt and sufficiency is hereby acknowledged, agree as follows:

**ARTICLE 1 – DEFINITIONS**

Whenever used in this Agreement or in other Contract Documents, the following terms have the meanings indicated which are applicable to both the singular and plural forms:

- 1.1 Agreement – This written Agreement between the City and the Contractor covering the work to be performed including other Contract Documents that are attached to or incorporated in the Agreement.
- 1.2 Application for Payment – The form accepted by the City which is to be used by the Contractor in requesting progress or final payment and which is to include such supporting documentation as is required by the Contract Documents
- 1.3 Approve – The word approve is defined to mean review of the material, equipment or methods for general compliance with design concepts and with the information given in the Contract Documents. It does not imply a responsibility on the part of the City to verify in every detail conformance with plans and specifications.
- 1.4 Bid – The offer or Bid of the Contractor submitted on the prescribed form setting forth the total prices for the Work to be performed.
- 1.5 Bid Documents – This Agreement, advertisement for Invitation to Bids, the Instructions to Bidders, the Bid Form (with supplemental affidavits and agreements), the Contract Forms, General Conditions, the Supplementary Conditions, the Specifications, and the Plans, which documents all become an integral part of the Contract Documents.

- 1.6 Certificate of Substantial Completion - Certificate provided by the City certifying that all Work, excluding the punch list items, has been completed, inspected, and accepted by the City.
- 1.7 Change Order - A change order is defined as a written order to a contractor approved by the city, authorizing a revision of an underlying agreement between the City and a contractor that is directly related to the original scope of work or an adjustment in the original contract price or the contract time directly related to the original scope of work, issued on or after the effective date of the contract.
- 1.8 City – The City of Fort Lauderdale, Florida including but not limited to its employees, agents, officials, representatives, contractors, subcontractors, volunteers, successors and assigns, with whom the Contractor has entered into the Agreement and for whom the Work is to be provided. The Project Manager, or designee, shall be the authorized agent for the City unless otherwise specified.
- 1.9 Contract Documents – The Contract Documents shall consist of this Agreement, Exhibits to this Agreement, Public Construction Bond, Performance Bond, Payment Bond and Certificates of Insurance, Notice of Award and Notice to Proceed, Task Orders, General Conditions as amended by the Special Conditions, Technical Specifications, Plans/Drawings, Addenda, Bid Form and supplement Affidavits and Agreements, all applicable provisions of State and Federal Law and any modification, including Change Orders or written amendments duly delivered after execution of Agreement, Invitation to Bid, Instructions to Bidders and Bid Bond, Contractor's response to the City's Invitation to Bid, Schedule of Completion, Schedule of Values, all amendments, modifications and supplements, change orders and work directive changes issued on or after the Effective Date of the Agreement, as well as any additional documents that are required to be submitted under the Agreement.
- Permits on file with the City and or those permits to be obtained shall be considered directive in nature and will be considered a part of this Agreement. A copy of all permits shall be given to the City for inclusion in the Contract Documents. Terms of permits shall be met prior to acceptance of the Work and release of the final payment.
- 1.10 Contract Price – The monies payable to the Contractor by the City under the Contract Documents and in accordance with the line item unit prices listed in the Bid.
- 1.11 Contract Time – The number of calendar days stated in the Agreement for the completion of the Work. The dates on which the work shall be started and shall be completed as stated in the Notice to Proceed and each subsequent Task Order.
- 1.12 Contractor – The person, firm, company, or corporation with whom the City has entered into the Agreement, including but not limited to its employees, agents, representatives, contractors, subcontractors, their subcontractors and their other successors and assigns.
- 1.13 Day – A calendar day of twenty-four (24) hours ending at midnight.
- 1.14 Defective – When modifying the word "Work" refers to work that is unsatisfactory, faulty, or deficient, or does not conform to the Contract Documents or does not meet

the requirements of any inspection, test or approval referred to in the Contract Documents, or has been damaged prior to the Project Manager's recommendation of final payment.

- 1.15 Effective Date of the Agreement – The effective date of the agreement shall be the date the Contract is executed by the parties. The Contractor shall provide all required payment and performance bonds and insurances to the City within ten (10) Calendar days following the City Commission approval. Upon verification of all bonds and insurances, the City will issue a written notice to proceed (NTP) to the Contractor. Contract time will commence on the date when the Notice to Proceed is issued. The Contractor shall commence the work immediately upon receipt of the Notice to Proceed. Failure of the contractor to proceed with the Work agreed upon within each executed Task Order will constitute nonperformance of the Contractor and would be grounds for termination of the contract per ARTICLE 17 of the Agreement.
- 1.16 Final Completion Date – The date the Task Order Work is completed, including completion of the final punch list, and delivered along with those items specified in the Contract Documents and is accepted by the City.
- 1.17 Hazardous Materials (HAZMAT) - Any solid, liquid, or gaseous material that is toxic, flammable, radioactive, corrosive, chemically reactive, or unstable upon prolonged storage in quantities that could pose a threat to life, property, or the environment defined in Section 101(14) of Comprehensive Environmental Response, Compensation and Liability Act of 1980 and in 40 CFR 300.6. Also defined by 49 CFR 171.8 as a substance or material designated by the Secretary of Transportation to be capable of posing an unreasonable risk to health, safety, and property when transported in commerce and which has been so designated.
- 1.18 Hazardous Substance - As defined by Section 101(14) of the Comprehensive Environmental Response, Compensation and Liability Act; any substance designated pursuant to Section 311(b) (2) (A) of the Clean Water Act; any element, compound, mixture, solution or substance designated pursuant to Section 102 identified under or listed pursuant to Section 3001 of the Solid Waste Disposal Act {but not including any waste listed under Section 307[a] of the Clean Water Act}; any hazardous air pollutant listed under Section 112 of the Clean Air Act; and any imminently hazardous chemical substance or mixture pursuant to Section 7 of the Toxic Substances Control Act. The term does not include petroleum, including crude oil or any fraction thereof, which is not otherwise specifically listed or designated as a hazardous substance in the first sentence of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
- 1.19 Hazardous Waste - Those solid wastes designated by OSHA in accordance with 40 CFR 261 due to the properties of ignitability, corrosivity, reactivity, or toxicity. Any material that is subject to the Hazardous Waste Manifest requirements of the EPA specified in 40 CFR Part 262.
- 1.20 Holidays - Those designated non-work days as established by the City Commission of the City of Fort Lauderdale.



- 1.21 Inspection – The term “inspection” and the act of inspecting as used in this Agreement is defined to mean the examination of construction to ensure that it conforms to the design concept expressed in the plans and specifications. This term shall not be construed to mean supervision, superintending and/or overseeing.
- 1.22 Notice of Award - The written notice by City to the Contractor stating that upon compliance by the Contractor with the conditions precedent enumerated therein, within the time specified that the City will sign and deliver this Agreement.
- 1.23 Notice to Proceed – A written notice given by the City to the Contractor fixing the date on which the Contract Time will commence to run and on which the Contract Time will end. Task Orders executed under this Contract will contain set timeframes in which the Task Order work shall be started and completed.
- 1.24 Plans - The drawings which show the character and scope of the work to be performed and which have been prepared or approved by the City and/or are referred to in the Contract Documents and/or Task Orders.
- 1.25 Premises (otherwise known as Site or Work Site) – means the land, buildings, facilities, etc. upon which the Work is to be performed.
- 1.26 Project – The total construction of the Work to be provided as defined in the Contract Documents and each executed Task Order.
- 1.27 Project Manager - The employee of the City, or other designated individual who is herein referred to as the Project Manager, will assume all duties and responsibilities and will have the rights and authorities assigned to the Project Manager in the contract Documents in connection with completion of the Work in accordance with this Agreement.
- 1.28 Punch List - The City's list of Work yet to be done or be corrected by the Contractor, before the Final Completion date can be determined by the City.
- 1.29 Record Documents - A complete set of all specifications, drawings, addenda, modifications, shop drawings, submittals and samples annotated to show all changes made during the construction process.
- 1.30 Record Drawings or "As-Builts" - A set of drawings which show significant changes in the work made during construction and which are usually based on drawings marked up in the field and other data furnished by the contractor. These documents shall be signed and sealed by a Professional Engineer or a Professional Land Surveyor licensed in the State of Florida and employed by the Contractor at no cost to the City.
- 1.31 Substantially Completed Date – The Contractor shall submit a written request to the City for an inspection to determine if the Work is substantially complete. If, at the time of inspection, it is determined the project is substantially complete, the City will issue a letter of Substantial Completion along with a punch list of incomplete or deficient items to be completed prior to requesting a Final Completion inspection.

- 1.32 Task Order – A written agreement between the City and Contractor defining the particular scope of work to be performed under this Contract. When necessary, plans, permits and specifications may be provided by the City to clarify the requirements of the Task Order work. Each Task Order will contain a timeframe in which the work shall be completed in order for the Contractor to avoid being subjected to liquidated damages.
- 1.33 Work – The entire completed delivered product or the various separately identifiable parts thereof required to be furnished under the Contract Documents and/or Task Order. Work is the result of performing services, furnishing labor and furnishing and incorporating material and equipment into the product, all as required by the Contract Documents.

## ARTICLE 2 – SCOPE OF WORK

- 2.1 The Contractor shall complete all work as specified or indicated in the Contract Documents. The Project for which the Work under the Contract Documents may be the whole or only part is generally described as follows:

**ANNUAL CONTRACT FOR TRANSPORTATION AND MOBILITY CAPITAL IMPROVEMENTS  
ITB # 273-11832**

- 2.2 All Work for the Project shall be constructed in accordance with the Drawings and Specifications. The Work generally involves:

### PROJECT DESCRIPTION

The work includes furnishing all labor, tools, equipment, materials and supplies to complete the site preparation. Work includes the installation of asphalt and concrete repairs (including the ability to make minor slope changes), compacted limerock base, construction of greenways and sidewalks, seal-coating, temporary parking space striping, painted and thermoplastic parking space striping (standard and ADA compliant spaces), pavement markings including bike lanes and midblock crosswalks, pedestrian and school zone signalization, ADA compliant curb ramps and parking related signage as needed to bring the City of Fort Lauderdale Transportation & Mobility, Parking Services Department's parking facilities into compliance with ADA Guidelines, traffic calming infrastructure, in addition to new parking lots being constructed under this contract. Work includes construction of concrete sidewalk (4" and 6" thick), various concrete curbs as noted by detail specifications, brick pavers, type S-3 asphaltic concrete pavement, speed humps, stamped asphalt, pervious concrete and brick pavers, limerock base of various depths, installation of thermostatic and/or painted pavement markings, signalization equipment, sod, landscaping, irrigation and lighting; and removal of asphalt, concrete, tree roots and other items quantified in the proposal pages of the contract.

- 2.3 Within ten (10) days of a Notice to Proceed of the start date noted on each Task Order, the Contractor shall submit a Construction Schedule, Schedule of Values and a listing of any subcontractors that will be utilized by the Contractor. The general sequence of the Work shall be submitted by the Contractor and approved by the City before any work commences. The City reserves the right to issue construction

directives necessary to facilitate the Work or to minimize any conflict with current and on-going operations.

### ARTICLE 3 – PROJECT MANAGER

- 3.1 The Project Manager is hereby designated by the City as Elizabeth Van Zandt, whose address is 290 NE 3<sup>rd</sup> Avenue, Fort Lauderdale, FL 33301. The Project Manager will assume all duties and responsibilities and will have the rights and authorities assigned to the Project Manager in the Contract Documents in connection with completion of the Work in accordance with this Agreement.

### ARTICLE 4 – CONTRACT DOCUMENTS

The Contract Documents which comprise the entire Agreement between the City and Contractor are attached to this Agreement, are made a part hereof and consist of the following:

- 4.1 This Agreement.
- 4.2 Exhibits to this Agreement [Plans (sheets [ ] to [ ] inclusive)].
- 4.3 Public Construction Bond, Performance Bond, Payment Bond and Certificates of Insurance.
- 4.4 Notice of Award and Notice to Proceed.
- 4.5 General Conditions as amended by the Special Conditions.
- 4.6 Technical Specifications.
- 4.7 Plans/Drawings.
- 4.8 Addenda number \_\_\_\_\_ through \_\_\_\_\_, inclusive.
- 4.9 Bid Form and supplement Affidavits and Agreements.
- 4.10 All applicable provisions of State and Federal Law and any modification, including Change Orders or written amendments duly delivered after execution of Agreement.
- 4.11 Invitation to Bid No., \_\_\_\_\_, Instructions to Bidders and Bid Bond.
- 4.12 Contractor's response to the City's Invitation to Bid No., \_\_\_\_\_, dated \_\_\_\_\_.
- 4.13 Schedule of Completion and Schedule of Values.
- 4.14 All amendments, modifications, supplements, Task Orders, change orders, and work directive changes, issued on or after the Effective Date of the Agreement.

- 4.15 Any Additional documents that are required to be submitted under the Agreement.
- 4.16 Permits on file with the City and or those permits to be obtained shall be considered directive in nature and will be considered a part of this Agreement. A copy of all permits shall be given to the City for inclusion in the Contract Documents. Terms of permits shall be met prior to acceptance of the Work and release of the final payment.

In the event of any conflict between the documents or any ambiguity or missing specification or instruction, the following priority is established:

- a. Specific written direction from the City Manager (or designee)
- b. Approved change orders, addenda or amendments.
- c. Specifications (quality) and Drawings (location and quantity).
- d. Supplemental conditions or special terms.
- e. General Terms and Conditions.
- f. This Agreement dated \_\_\_\_\_ and any attachments.
- g. Invitation to Bid No., \_\_\_\_\_, and the specifications prepared by the City.
- h. Contractor's response to the City's Invitation to Bid No., \_\_\_\_\_, dated \_\_\_\_\_.
- i. Schedule of Values.
- j. Schedule of Completion.

If during the performance of the Work, Contractor finds a conflict, error or discrepancy in the Contract Documents, Contractor shall so report to the Project Manager, in writing, within five (5) calendar days, and before proceeding with the Work affected shall obtain a written interpretation or clarification from the City.

Any Work that may reasonably be inferred from the specifications or plans as being required to produce the intended result shall be supplied whether or not it is specifically called for. When words which have a well-known technical or trade meaning are used to describe Work, materials, or equipment, such works shall be interpreted in accordance with such meaning. Reference to standard specifications, manuals or codes of any technical society, organization or associations, or to the code of any governmental authority whether such reference be specific or implied, shall mean the latest standard specification, manual or code in effect as of the Effective Date of this Agreement, except as may be otherwise specifically stated. However, no provision of any referenced standard specification, manual or code (whether or not specifically incorporated by reference in the Contract Documents) shall change the duties and responsibilities of the City, the Contractor, or any of their agents or employees from those set forth in the Contract Documents.

## ARTICLE 5 – CONTRACT TIME

- 5.1 The initial contract term shall commence upon the date of award by the City and shall expire **two (2)** years from that date. The City reserves the right to extend the contract for **two (2)** additional **one (1)** year terms, providing all terms conditions and specifications remain the same, both parties agree to the extension, and such extension is approved by the City.
- 5.2 The Contractor recognizes that **TIME IS OF THE ESSENCE**. The Work on each Task Order shall commence immediately upon the Contractor's receipt of an executed Task Order.
- 5.3 The Contractor shall mobilize to the project site and begin construction activities within **N/A** calendar days of receipt of the executed Task Order or by the specific date noted within the Task Order (whichever applies).
- 5.4 The Work on each Task Order shall be substantially completed within the timeframe agreed upon and noted in each executed Task Order.
- 5.5 The Work on each Task Order shall be finally completed on or before the Final Completion Date and ready for final payment in accordance with Final Completion Date agreed upon and noted in each executed Task Order.
- 5.6 In the event services are scheduled to end because of the expiration of this contract, the Contractor shall continue the service upon the request of the City as authorized by the awarding authority. The extension period shall not extend for more than ninety (90) days beyond the expiration date of the existing contract. The Contractor shall be compensated for the service at the rate in effect when this extension clause is invoked by the City. No new Task Orders will be assigned after the contract's expiration nor will any new work be performed after that date.

## ARTICLE 6 – CONTRACT PRICE

- 6.1 City shall pay Contractor for performance of the Work in accordance with Article 7 based on the value of the executed Task Orders issued for this Contract.
- 6.2 The parties expressly agree that the Contract Price is a unit price contract, in accordance with those line item unit prices contained in the Contractor's ITB response and incorporated by reference herein. The quantities of work in the Proposal are a rough approximation only. The total quantities of work to be included in this Contract and actually performed may vary widely depending upon the work that will be authorized by the City through Task Orders, during the period of this Contract.
- 6.3 The Contract Price constitutes the total compensation payable to Contractor for the cumulative value of each executed Task Order. All duties, responsibilities and obligations assigned to or undertaken by Contractor shall be at Contractor's expense without change in the Contract price.

## **ARTICLE 7 – PAYMENT PROCEDURES**

- 7.1 Contractor shall submit Applications for Payment, for each executed Task Order, in accordance with the Contract Documents. Applications for Payment will be processed by the City as provided for in the General Conditions.
- 7.2 Progress Payments. City shall make progress payments on account of the Contract Price on the basis of Contractor's executed Task Order and corresponding Application for Payment, which shall be submitted by the Contractor between the first (1<sup>st</sup>) and the tenth (10<sup>th</sup>) day after the end of each calendar month for which payment is requested, or upon completion of the work of the executed Task Order. All progress payments will be made on the basis of the progress of the Work completed on the executed Task Order.
- 7.3 Prior to Final Completion of each Task Order, progress payments will be made in an amount equal to ninety percent (90%) of the value of Work completed less in each case the aggregate of payments previously made.
- 7.4 Final Payment: Upon final completion of the Work under each Task Order, in accordance with the General Conditions, as may be supplemented, the City shall pay Contractor an amount sufficient to increase total payments to one-hundred percent (100%) of the Contract Price.
- 7.5 The City shall make payment to the Contractor in accordance with the Florida Prompt Payment Act, Section 218.70, Florida Statutes.
- 7.6 The City shall make payment to the Contractor through utilization of the City's P-Card Program. The City has implemented a Purchasing Card Program using the VISA network. Purchases made from this Contract shall be made using the City's Purchasing Card. Contractor will receive payment from the purchasing card in the same manner as other VISA purchases. Accordingly, bidders must presently have the ability to accept VISA or take whatever steps necessary to implement this ability before the start of the contract term, or contract award by the City. The City reserves the right to revise this program in conjunction with implementation of an on-line procurement system. All costs associated with the implementation of this purchasing program shall be borne by the Contractor.

## **ARTICLE 8 – CONTRACTOR'S REPRESENTATIONS**

In order to induce the City to enter into this Agreement, and prior to agreeing to and execution of each Task Order under this Contract, Contractor makes the following representations upon which the City has relied:

- 8.1 Contractor is qualified in the field of public construction and in particular to perform the Work and services set forth in this Agreement.
- 8.2 Contractor has visited the Work Site, conducted all necessary extensive tests, examinations and investigations and represents and warrants a thorough familiarization with the nature and extent of each Task Order and associated Contract Documents, the Work, locality, soil conditions, moisture conditions and all year-round

local weather and climate conditions (past and present), and, in reliance on such tests, examination and investigations conducted by Contractor and the Contractor's experts, has determined that no conditions exist that would in any manner affect the Proposed Price and that the project can be completed for the Proposed Price submitted within the Contract Time as defined in each Task Order. Furthermore, Contractor warrants and confirms that he is totally familiar with, understands and obligates Contractor to comply with all federal, state and local laws, ordinances, rules, regulations and all market conditions that affect or may affect the cost and price of materials and labor needed to fulfill all provisions of this Agreement or that in any manner may affect cost, progress or performance of the Work.

- 8.3 The Contractor has satisfied itself as to the nature and location of the Work under each Task Order, the general and local conditions of the Project, particularly those bearing upon availability of transportation, disposal, handling and storage of materials, availability of labor, water, electric power, and roads, the conformation and conditions at the ground based on City provided reports, the type of equipment and facilities needed preliminary to and during the prosecution of the Task Order and all other matters which can in any way affect the Work, schedule, or the cost thereof under the Task Order and associated Contract Documents.
- 8.4 The Contractor has also studied carefully all reports of investigations and tests of subsurface and latent physical conditions at the site or otherwise affecting cost, progress or performance of the Works, and will determine that no conditions exist that would in any manner affect the Proposed Price and that the Task Order Work can be completed for the Proposed Price submitted and within the timeframe agreed upon within each Task Order.
- 8.5 Contractor has made or cause to be made examinations, investigations, tests and studies of such reports and related data in addition to those referred to in Paragraphs 8.2, 8.3 and 8.4 above as it deems necessary for the performance of the Work under each Task Order at the Contract Prices, within the Contract Time of the specified Task Order and in accordance with the other terms and conditions of the Contract Documents; and no additional examinations, investigations, tests, reports or similar data are, or will be, required by Contractor for such purposes.
- 8.6 Contractor has correlated the results of all such observations, examinations, investigations, tests, reports and data related to each Task Order with the terms and conditions of the Contract Documents.
- 8.7 Contractor has given City written notice of all conflicts, errors or discrepancies that he has discovered in the Contract Documents related to each Task Order and the written resolution by City is acceptable to the Contractor.
- 8.8 Labor
- 8.8.1 The Contractor shall provide competent, suitable qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents for each Task Order. The Contractor shall at all times maintain good discipline and order at the site.

- 8.8.2 The Contractor shall, at all times, have a competent superintendent, capable of reading and thoroughly understanding the drawings and specifications, as the Contractor's agent on the Work, who shall, as the Contractor's agent, supervise, direct and otherwise conduct the Work under each Task Order.
- 8.8.3 The Contractor shall designate the superintendent on the job to the City, in writing, immediately after receipt of each Task Order. The Contractor understands and agrees that the superintendent's physical presence on the job site is indispensable to the successful completion of the Work. If the superintendent is frequently absent from the job site, the Project Manager may deliver written notice to the Contractor to stop work or terminate the Contract in accordance with Article 17.
- 8.8.4 A certified "competent person" shall be assigned to the job site for each Task Order. The Contractor shall assign personnel to the job site that have successfully completed training programs related to trench safety, confined space work, and maintenance of traffic (MOT). Personnel certified by the International Municipal Signal Associations with Florida Department of Transportation qualifications are required relative to MOT. Any other certifications that may be required by applicable permitting agencies for the Work assigned under each Task Order shall also be complied with by the Contractor. Failure to pursue the Work with the properly certified supervisory staff may result in a notice to stop work on a Task Order or termination of the Contract in accordance with Article 17.

8.9 Materials:

- 8.9.1 The Contractor shall furnish all materials, equipment, labor, transportation, construction equipment and machinery, tools, appliances, fuel, power, light, heat, telephone, water and sanitary facilities and all other facilities and incidentals necessary for the execution, testing, initial operation and completion of Work under each Task Order.
- 8.9.2 All materials and equipment shall be of good quality and new, except as otherwise provided in the Contract Documents. Suppliers shall be selected and paid by the Contractor; the City reserves the right to approve all suppliers and materials.

8.10 Work Hours: Except in connection with the safety or protection of persons, or the Work, or property at the site or adjacent thereto, and except as otherwise indicated in the Supplementary Conditions, all work at the site shall be performed during regular working hours between 7 a.m. and 6:00 p.m., Monday through Friday.

The Contractor will not permit overtime work or the performance of work on Saturday, Sunday or any legal holiday (designated by the City of Fort Lauderdale) without the Project Manager's written consent at least seventy two (72) hours in advance of starting such work. If the Project Manager permits overtime work, the Contractor shall pay for the additional charges to the City with respect to such overtime work. Such additional charges shall be a subsidiary obligation of the Contractor and no extra payment shall be made to the Contractor for overtime work. It shall be noted that the City's Inspector work hours are from 8:00 AM to 4:30 PM and any Work requiring



inspection oversight being performed outside of this timeframe shall be paid for by the Contractor as Inspector overtime. The cost to the Contractor to reimburse the City for overtime inspection is established at direct-labor and overtime costs for each person or inspector required. Incidental overtime costs for engineering, testing and other related services will also be charged to the Contractor at the actual rate accrued.

- 8.11 Patent Fee and Royalties: The Contractor shall pay all license fees and royalties and assume all costs incident to the use in the performance of the Work or the incorporation in the Work, or any invention, design, process, product or device which is the subject of patent rights or copyrights held by others. The Contractor hereby expressly binds himself or itself to indemnify and save harmless the City from all such claims and fees and from any and all suits and action of every name and description that may be brought against City on account of any such claims, fees, royalties, or costs for any such invention or patent, and from any and all suits or actions that may be brought against said City for the infringement of any and all patents or patent rights claimed by any person, firm corporation or other entity.
- 8.12 Permits: The Contractor shall obtain and pay for all permits and licenses. There shall be no allowance for Contractor markup, overhead or profit for permits and licenses. The Contractor shall pay all government charges which are applicable at the time of opening of proposals. It shall be the responsibility of the Contractor to secure and pay for all necessary licenses and permits of a temporary nature necessary for the prosecution of Work.
- 8.13 Law and Regulations: The Contractor shall give all notices and comply with all laws, ordinances, rules and regulations applicable to the Work. If the Contractor observes that the specifications or plans are in conflict, the Contractor shall give the Project Manager prompt written notice thereof within five (5) calendar days. If the Contractor performs any work knowing or having reason to know that it is contrary to such laws, ordinances, rules and regulations, and without such notice to the Project Manager, the Contractor shall bear all costs arising therefrom; however, it shall not be the Contractor's primary responsibility to make certain that the specifications and plans are in accordance with such laws, ordinances, rules and regulations.
- 8.14 Taxes: The Contractor shall pay all sales, consumer, use and other similar taxes required to be paid by him in accordance with the laws of the City of Fort Lauderdale, County of Broward, State of Florida.
- 8.15 Contractor Use of Premises: The Contractor shall confine construction equipment, the storage of materials and equipment and the operations of workmen to areas permitted by law, ordinances, permits and/or the requirements of the Contract Documents, and shall not unreasonably encumber the premises with construction equipment or other materials or equipment.

The Contractor shall not enter upon private property for any purpose without first securing the permission of the property owner in writing and furnishing the Project Manager with a copy of said permission. This requirement will be strictly enforced, particularly with regard to such vacant properties as may be utilized for storage or staging by the Contractor. The Contractor shall conduct its work in such a manner as to avoid damage to adjacent private or public property. Any damage to existing

structures of work of any kind, including permanent reference markers or property corner markers, or the interruption of a utility service, shall be repaired or restored promptly at no expense to the City or property owner.

The Contractor will preserve and protect all existing vegetation such as trees, shrubs and grass on or adjacent to the site which does not reasonably interfere with the construction, as determined by the Project Manager. The Contractor will be responsible for repairing or replacing any trees, shrubs, lawns and landscaping that may be damaged due to careless operation of equipment, stockpiling of materials, tracking of grass by equipment or other construction activity. The Contractor will be liable for, or will be required to replace or restore at no expense to the City all vegetation not protected or preserved as may be required that is destroyed or damaged.

During the progress of the Work, the Contractor shall keep the premises free from accumulation of waste materials, rubbish and debris resulting from the Work. At the completion of the Work, the Contractor shall remove all waste materials, rubbish and debris from and about the premises as well as all tools, appliances, construction equipment and machinery, and surplus materials and shall leave the site clean and ready for occupancy by the City. The Contractor shall restore to their original condition those portions of the site not designated for alteration by the Contract Documents at no cost to the City.

- 8.16 Project Coordination: The Contractor shall provide for the complete coordination of the construction effort. This shall include, but not necessarily be limited to, coordination of the following:

8.16.1 Flow of material and equipment from suppliers.

8.16.2 The interrelated work with affected utility companies.

8.16.3 The interrelated work with the City where tie-ins to existing facilities are required.

8.16.4 The effort of independent testing agencies.

8.16.5 Notice to affected property owners as may be directed by the Project Manager.

8.16.6 Coordination with and scheduling of all required inspections from all permitting agencies.

- 8.17 Project Record Documents and As-Builts (Record Drawings): Contractor shall be responsible for maintaining up to date redline as-built drawings, on site, at all times during construction. All as-built information shall be surveyed and verified by a professional land surveyor registered in the State of Florida. Contractor shall provide the City with a minimum of three (3) sets of signed and sealed record drawings (Final As-builts) and a CD of the electronic drawing files created in AutoCAD 2014 or later. All costs associated with survey work required for construction layout and as-built preparation shall be the responsibility of the Contractor.

- 8.18 Safety and Protection:

8.18.1 The Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. The Contractor shall take all necessary precautions for the safety of, and shall provide the necessary protection to prevent damage, injury or loss to:

- 8.18.1.1 All employees working on the project and other persons who may be affected thereby.
- 8.18.1.2 All the Work and all materials or equipment to be incorporated therein, whether in storage on or off the site.
- 8.18.1.3 Other property at the site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.

8.18.2 The Contractor shall comply with all applicable laws, ordinances, rules, regulations and orders of any public body having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss; and shall erect and maintain all necessary safeguards for such safety and protection. The Contractor shall notify owners of adjacent property and utilities when execution of the Work may affect them at least seventy two (72) hours in advance (unless otherwise required). All damage, injury or loss to any property caused, directly or indirectly, in whole or in part by the Contractor, any subcontractor or anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, shall be remedied by the Contractor. The Contractor's duties and responsibilities for safety and protection of the Work shall continue until such time as all the Work is completed and accepted by the City.

- 8.19 Emergencies: In emergencies affecting the safety or protection of persons or the Work or property at the site or adjacent thereto, the Contractor, without special instruction or authorization from the City, is obligated to act to prevent threatened damage, injury or loss. The Contractor shall give the Project Manager prompt written notice of any significant changes in the Work or deviations from the Contract Documents caused thereby.
- 8.20 Risk of Loss: The risk of loss, injury or destruction shall be on the Contractor until acceptance of the Work by the City. Title to the Work shall pass to the City upon acceptance of the Work by the City.
- 8.21 No Damages for Delay: For other and additional good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, the Contractor covenants and agrees that in the event of any delay of construction or for any other reason or allegation or claim, and notwithstanding the reason of the delay, reason, claim or allegation or who caused them or the construction delay or whether they were caused by the City, that there will be no entitlement to Contractor to or for any direct or indirect financial damages or losses for extended corporate overhead impact, extended project overhead impacts, project support services, mobilization or demobilization or by whatever other label or legal concept or theory and types of names or labels or basis such claims may have, or any business damages or losses of whatever type or nature, and Contractor hereby waives any right to make any such claim or claims. This provision will have application and effect when construction delays are anticipated and agreed upon by both the City and the Contractor.
- 8.22 No Liens: If any Subcontractor, supplier, laborer, or materialmen of Contractor or any other person directly or indirectly acting for or through Contractor files or attempts to

file a mechanic's or construction lien against the real property on which the work is performed or any part or against any personal property or improvements or claim against any monies due or to become due from the City to Contractor or from Contractor to a Subcontractor, for or on account of any work, labor, services, material, equipment, or other items furnished in connection with the Work or any Change Order, Contractor agrees to satisfy, remove, or discharge such lien or claim at its own expense by bond, payment, or otherwise within twenty (20) days of the filing or from receipt of written notice from the City.

Additionally, until such time as such lien or claim is satisfied, removed or discharged by Contractor, all monies due to Contractor, or that become due to Contractor before the lien or claim is satisfied, removed or otherwise discharged, shall be held by City as security for the satisfaction, removal and discharge of such lien and any expense that may be incurred while obtaining such. If Contractor shall fail to do so, City shall have the right, in addition to all other rights and remedies provided by this Agreement or by law, to satisfy, remove, or discharge such lien or claim by whatever means City chooses at the entire and sole cost and expense of Contractor which costs and expenses shall, without limitation, include attorney's fees, litigation costs, fees and expenses and all court costs and assessments.

- 8.23 Weather Emergencies: Upon issuance of a Hurricane Watch by the National Weather Service, the Contractor shall submit to the City a plan to secure the work area in the event a Hurricane Warning is issued. The plan shall detail how the Contractor will secure the Premises, equipment and materials in a manner as to prevent damage to the Work and prevent materials and equipment from becoming a hazard to persons and property on and around the Premises. The plan shall include a time schedule required to accomplish the hurricane preparations and a list of emergency contacts that will be available and in the City before, during and immediately after the storm.

Upon issuance of a Hurricane Warning by the National Weather Service, if the Contractor has not already done so, the Contractor shall implement its hurricane preparedness plan. Cost of development and implementation of the hurricane preparedness plan shall be considered as incidental to construction. Cost of any clean up and rework required after the storm will be considered normal construction risk within Florida and shall not entitle the Contractor to any additional compensation. Contractor shall be entitled to request an extension in time for completion of the Work, in accordance with the provisions of Article 15 of this Agreement, equal to the time it is shut down for implementation of the preparedness plan, the duration of the storm and a reasonable period to restore the Premises.

- 8.24 Force Majeure: No Party shall hold the other responsible for damages or for delays in performance caused by force majeure, acts of God, or other acts or circumstances beyond the control of the other party or that could not have been reasonably foreseen and prevented. For this purposes, such acts or circumstances shall include, but not be limited to weather conditions affecting performance, floods, epidemics, war, riots, strikes, lockouts, or other industrial disturbances, or protest demonstrations. Should such acts or circumstances occur, the parties shall use their best efforts to overcome the difficulties arising therefrom and to resume the Work as soon as reasonably possible with the normal pursuit of the Work.

Inclement weather, continuous rain for less than three (3) days or the acts or omissions of subcontractors, third-party contractors, materialmen, suppliers, or their subcontractors, shall not be considered acts of force majeure.

No Party shall be liable for its failure to carry out its obligations under the Agreement during a period when such Party is rendered unable by force majeure to carry out its obligation, but the obligation of the Party or Parties relying on such force majeure shall be suspended only during the continuance of the inability and for no longer period than the unexpected or uncontrollable event.

The Contractor further agrees and stipulates, that its right to excuse its failure to perform by reason of force majeure shall be conditioned upon giving written notice of its assertion that a Force Majeure delay has commenced within 96 hours after such an occurrence. The CONTRACTOR shall use its reasonable efforts to minimize such delays. The CONTRACTOR shall promptly provide an estimate of the anticipated additional time required to complete the Project.

- 8.25 Participation by Disadvantaged Business Enterprises in Department of Transportation Financial Assisted Contracts: The recipient shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of any DOT-assisted contract or in the administration of its DBE program or the requirements of 49 CFR part 26. The recipient shall take all necessary and reasonable steps under 49 CFR part 26 to ensure nondiscrimination in the award and administration of DOT-assisted contracts. The recipient's DBE program, as required by 49 CFR part 26 and as approved by DOT, is incorporated by reference in this agreement. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as a violation of this agreement. Upon notification to the recipient of its failure to carry out its approved program, the Department may impose sanctions as provided for under Part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31 U.S.C. 3801 *et seq.*).

Additionally, the contractor assures that it, the sub recipient or its subcontractors shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate. (This additional language must be included in each subcontract the prime contractor signs with a subcontractor.)

## ARTICLE 9 – CITY'S RESPONSIBILITIES

- 9.1 The City shall furnish the data required of the City under the Contract Documents promptly and shall make payments to the Contractor promptly after they are due as provided in Article 7.
- 9.2 The City's duties in respect of providing lands and easements and providing engineering surveys to establish reference points are set forth in the Contract Documents.

### 9.3 Technical Clarifications and Interpretations:

- 9.3.1 The City shall issue, with reasonable promptness, such written clarifications or interpretations of the Contract Documents as it may determine necessary, which shall be consistent with or reasonably inferable from the overall intent of the Contract Documents. Should the Contractor fail to request interpretation of questionable items in the Contract Documents, the City shall not entertain any excuse for failure to execute the Work in a satisfactory manner.
- 9.3.2 The City shall interpret and decide matters concerning performance under the requirements of the Contract Documents, and shall make decisions on all claims, disputes or other matters in question. Written notice of each claim, dispute or other matter will be delivered by claimant to the other Party but in no event later than five (5) days after the occurrence of event, and written supporting data will be submitted to the other Party within five (5) days after such occurrence. All written decisions of the City on any claim or dispute will be final and binding.
- 9.4 The Contractor shall perform all Work to the reasonable satisfaction of the City in accordance with the Contract Documents. In cases of disagreement or ambiguity, the City shall decide all questions, difficulties, and disputes of whatever nature, which may arise under or by reason of this Agreement or the quality, amount and value of the Work, and the City's decisions on all claims, questions and determination are final.

## **ARTICLE 10 – BONDS AND INSURANCE**

- 10.1 Public Construction and Other Bonds: The Contractor shall furnish Public Construction or Performance and Payment Bonds ("Bond"), in an amount equal to 100% of the value of each Task Order issued as security for the faithful performance and payment of all the Contractor's obligations under the Contract Documents. These Bonds shall remain in effect until at least one (1) year after the date of final payment, except as otherwise provided by law. All Bonds shall be furnished and provided by the surety and shall be in substantially the same form as prescribed by the Contract Documents and be executed by such sureties as (i) are licensed to conduct business in the State of Florida, and (ii) are named in the current list of Companies Holding Certificates of Authority as Acceptable Sureties on Federal Bonds and as Acceptable Reinsuring Companies as published in Circular 570 (amended) by the Audit Staff Bureau of Accounts, U.S. Treasury Department and (iii) otherwise meet the requirements set forth herein that apply to sureties. All Bonds signed by an agent must be accompanied by a certified copy of the authority to act.
- 10.1.1 Performance Bond: A Corporate Surety Bond legally issued, meeting the approval of, and running to the City in an amount not less than the Contract Price of such improvements, conditioned that the Contractor shall maintain and make all repairs to the improvements constructed by the Contractor at their own expense and free of charge to the City, for the period of one (1) year after the date of acceptance of the Work within such period by reason of any imperfection of the material used or by reason of any defective workmanship, or any improper, imperfect or defective preparation of the base upon which any such improvement shall be laid.

The Contractor shall execute and record in the public records of Broward County, Florida, a payment and performance bond in an amount at least equal to the Contract Price with a surety insurer authorized to do business in the State of Florida as surety, ("Bond"), in accordance with Section 255.05, Florida Statutes (2014), as may be amended or revised, as security for the faithful performance and payment of all of the Contractor's obligations under the Contract Documents.

10.2 Disqualification of Surety: If the Surety on any Bond furnished by the Contractor is declared bankrupt or becomes insolvent or its right to do business is terminated in the State of Florida or it ceases to meet the requirements of clauses (i) and (ii) of Paragraph 10.1, the Contractor shall within five (5) days thereafter substitute another Bond and Surety, both of which shall be acceptable to the City.

### 10.3 Insurance

10.3.1 Contractor shall provide and shall require all of its sub-contractors to provide, pay for, and maintain in force at all times during the term of the Agreement, such insurance, including Property Insurance (Builder's Risk), Commercial General Liability Insurance, Business Automobile Liability Insurance, Workers' Compensation Insurance, Employer's Liability Insurance, and Umbrella/Excess Liability, as stated below, as well as Professional Liability insurance in the amount of \$1,000,000 per claim for any Architectural and or Engineering requirements associated with the fulfillment of any Task Order if required. Such policy or policies shall be issued by companies authorized to do business in the State of Florida and having agents upon whom service of process may be made in the State of Florida. ***A Sample Insurance Certificate shall be included with the proposal to demonstrate the firm's ability to comply with insurance requirements. Provide a previous certificate or other evidence listing the insurance companies' names for all required coverage, and the dollar amounts of the coverage.***

A. The City is required to be named as additional insured on the Commercial General Liability insurance policy. BINDERS ARE UNACCEPTABLE. The insurance coverage required shall include those classifications, as listed in standard liability insurance manuals, which most nearly reflect the operations of the Contractor. Any exclusions or provisions in the insurance maintained by the Contractor that precludes coverage for the work contemplated in this Agreement shall be deemed unacceptable, and shall be considered a breach of contract.

B. The Contractor shall provide the City an original Certificate of Insurance for policies required by Article 10. All certificates shall state that the City shall be given ten (10) days' notice prior to expiration or cancellation of the policy. The insurance provided shall be endorsed or amended to comply with this notice requirement. In the event that the insurer is unable to accommodate, it shall be the responsibility of the Contractor to

provide the proper notice. Such notification will be in writing by registered mail, return receipt requested and addressed to the Finance Department. Such policies shall: (1) name the insurance company or companies affording coverage acceptable to the City, (2) state the effective and expiration dates of the policies, (3) include special endorsements where necessary. Such policies provided under Article 10 shall not be affected by any other policy of insurance, which the City may carry in its own name.

- C. Contractor shall, as a condition precedent of this Agreement, furnish to the City of Fort Lauderdale, c/o Project Manager, 100 N. Andrews Avenue, Fort Lauderdale, FL 33301, Certificate(s) of Insurance upon execution of this Agreement, which indicate that insurance coverage has been obtained which meets the requirements as outlined below:

10.3.2 Property Insurance (Builder's Risk): - N/A

10.3.3 Commercial General Liability

- A. Limits of Liability:
- |   |             |
|---|-------------|
| Bodily Injury and Property Damage - Combined Single Limit |             |
| Each Occurrence   | \$1,000,000 |
| Project Aggregate   | \$1,000,000 |
| General Aggregate   | \$2,000,000 |
| Personal Injury   | \$1,000,000 |
| Products/Completed Operations                             | \$1,000,000 |
- B. Endorsements Required:
- City of Fort Lauderdale included as an Additional Insured
  - Broad Form Contractual Liability
  - Waiver of Subrogation
  - Premises/Operations
  - Products/Completed Operations
  - Independent Contractors
  - Owners and Contractors Protective Liability
  - Contractor's Pollution Liability – **N/A**

10.3.4 Business Automobile Liability

- A. Limits of Liability:
- |   |             |
|---|-------------|
| Bodily Injury and Property Damage - Combined Single Limit |             |
| All Autos used in completing the contract                 |             |
| Including Hired, Borrowed or Non-Owned Autos              |             |
| Any One Accident  | \$1,000,000 |
- B. Endorsements Required:
- Waiver of Subrogation



### 10.3.5 Workers' Compensation and Employer's Liability Insurance

Limits: Workers' Compensation – Per Florida Statute 440  
Employers' Liability - \$500,000

Any firm performing work on behalf of the City of Fort Lauderdale must provide Workers' Compensation insurance. Exceptions and exemptions can only be made if they are in accordance with Florida Law.

Contractor must be in compliance with all applicable State and Federal workers' compensation laws, including the U.S. Longshore Harbor Workers' Act or Jones Act.

10.3.6 Umbrella/Excess Liability: The Contractor shall provide umbrella/excess coverage with limits of no less than \$2,000,000 excess of Commercial General Liability, Automobile Liability and Employer's Liability.

10.3.7 All insurance policies required above shall be issued by companies authorized to do business under the laws of the State of Florida, with the following qualifications:

The Contractor's insurance must be provided by an A.M. Best's "A-" rated or better insurance company authorized to issue insurance policies in the State of Florida, subject to approval by the City's Risk Manager. Any exclusions or provisions in the insurance maintained by the Contractor that precludes coverage for work contemplated in this project shall be deemed unacceptable, and shall be considered breach of contract.

NOTE: CITY PROJECT NUMBER MUST APPEAR ON EACH CERTIFICATE.

**A Sample Insurance Certificate shall be included with the proposal to demonstrate the firm's ability to comply with insurance requirements. Provide a previous certificate or other evidence listing the insurance companies' names for all required coverage, and the dollar amounts of the coverage.**

Compliance with the foregoing requirements shall not relieve the Contractor of their liability and obligation under this section or under any other section of this Agreement.

The Contractor shall be responsible for assuring that the insurance certificates required in conjunction with this Section remain in force for the duration of the Project. If insurance certificates are scheduled to expire during the contractual period, the Contractor shall be responsible for submitting new or renewed insurance certificates to the City at a minimum of thirty (30) calendar days in advance of such expiration. In the event that expired certificates are not replaced with new or renewed certificates that cover the contractual period, the City shall:

- A. Suspend the Agreement until such time as the new or renewed certificates are received by the City.
- B. The City may, at its sole discretion, terminate the Agreement for cause and seek damages from the Contractor in conjunction with the violation of the terms and conditions of the Agreement.

**ARTICLE 11- WARRANTY AND GUARANTEE, TESTS AND INSPECTIONS, CORRECTION, REMOVAL OR ACCEPTANCE OF DEFECTIVE WORK**

- 11.1 Warranty: The Contractor warrants and guarantees to the City that all Work will be in accordance with the Contract Documents and will not be defective. Prompt notice of all defects shall be given to the Contractor. All defective work, whether or not in place, may be rejected, corrected or accepted as provided in this Article.
  - 11.1.1 Warranty of Title: The Contractor warrants to the City that it possesses good, clear and marketable title to all equipment and materials provided and that there are no pending liens, claims or encumbrances against the equipment and materials.
  - 11.1.2 Warranty of Specifications: The Contractor warrants that all equipment, materials and workmanship furnished, whether furnished by the Contractor, its subcontractors or suppliers, will comply with the specifications, drawings and other descriptions supplied or adopted and that all services will be performed in a workmanlike manner.
  - 11.1.3 Warranty of Merchantability: The Contractor warrants that any and all equipment to be supplied pursuant to this Agreement is merchantable, free from defects, whether patent or latent in material or workmanship, and fit for the ordinary purposes for which it is intended.
- 11.2 Tests and Inspections: Contractor shall retain the services of an independent, certified, testing lab to perform all testing as required by the specifications, Contract drawings, and any applicable permitting agency. Contractor shall provide evidence of certification to the City before the work and testing is done. Testing results shall be submitted to the Engineer for review and approval at the time the results are provided to the Contractor. The Contractor shall give the Project Manager and City Inspector a minimum of twenty-four (24) hours' advanced notice of readiness of the Work for all required inspections, tests, or approvals and shall notify all applicable permitting agencies in a timely manner based on requirements set forth in the permit documents.
  - 11.2.1 Neither observations by the Project Manager nor inspections, tests or approvals by others shall relieve the Contractor from its obligations to perform the Work in accordance with the Contract Documents.
- 11.3 Uncovering Work: If any work that is to be inspected, tested or approved is covered without approval or consent of the Project Manager, it must, if requested by the Project Manager, be uncovered for observation and/or testing. Such uncovering and replacement shall be at the Contractor's sole expense unless the Contractor has given the Project Manager timely notice of the Contractor's intention to cover such Work and

the Project Manager has not acted with reasonable promptness in response to such notice.

11.3.1 If the Project Manager considers it necessary or advisable that Work covered in accordance with Section 11.2 be observed by the City or inspected or tested by others, the Contractor at the City's request, shall uncover, expose or otherwise make available for observation, inspection or testing as the Project Manager may require, that portion of the Work in question, furnishing all necessary labor, material and equipment. If it is found that such Work is defective, the Contractor shall bear all the expenses of such uncovering, exposure, observation, inspection and testing and of satisfactory reconstruction, including compensation for additional professional services, and an appropriate deductive Change Order shall be issued. If, however, such work is not found to be defective, the Contractor shall be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to such uncovering, exposure, observation, inspection testing and reconstruction if he makes a claim therefore as provided in Articles 14 and 15.

11.4 City May Stop the Work: If the Work is defective, or the Contractor fails to supply sufficient skilled supervisory personnel or workmen or suitable materials or equipment or the work area is deemed unsafe, the City may order the Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, this right of the City to stop the Work shall not give rise to any duty on the part of the City to exercise this right for the benefit of the Contractor or any other party. The City will not award any increase in Contract Price or Contract Time if the Work is stopped due to the circumstances described herein.

11.5 Correction or Removal of Defective Work Before Final Payment: If required by the Project Manager, the Contractor shall promptly, without cost to the City and as Specified by the Project Manager, either correct any defective Work, whether or not fabricated, installed or completed, or if the Work has been rejected by the City remove it from the site and replace it with non-defective Work.

11.6 One Year Correction Period After Final Payment: If, within one (1) year after the date of final acceptance of work on each Task Order, or such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the Contract Documents, any work is found to be defective, the Contractor shall promptly, without cost to the City and in accordance with the City's written instructions, either correct such defective Work, or, if it has been rejected by the City, remove it from the site and replace it with non-defective Work.

If The Contractor does not promptly comply with the terms of such instructions or in an emergency where delay would cause serious risk of loss or damage, the City may have the defective Work corrected or the rejected Work removed and replaced, and all direct and indirect costs for such removal and replacement, including compensation for additional professional services, shall be paid by the Contractor.

11.7 Acceptance of Defective Work, Deductions: If, instead of requiring correction or removal and replacement of defective Work, the City, at the City's sole option, prefers to accept it, the City may do so. In such a case, if acceptance occurs prior to the

Project Manager's recommendation of final payments, a Change Order shall be issued incorporating the necessary revisions in the Contracts Documents, including appropriate reduction in the Contract Price; or if the acceptance occurs after such recommendation, an appropriate amount shall be paid by the Contractor to the City.

- 11.8 City May Correct Defective Work: If the Contractor fails within a reasonable time after written notice of the Project Manager to proceed to correct defective Work or to remove and replace rejected Work as required by the Project Manager in accordance with Paragraph 11.5, or if the Contractor fails to perform the Work in accordance with the Contract Documents, the City may, after seven (7) days written notice to the Contractor, correct and remedy any such deficiency. In exercising its rights under this paragraph, the City shall proceed expeditiously. To the extent necessary to complete corrective and remedial action, the City may exclude the Contractor from all or part of the site, take possession of all or part of the Work, suspend the Contractor's services related thereto and take possession of the Contractor's tools, construction equipment and materials stored at the site or elsewhere. The Contractor shall allow the City's representative agents and employees such access to the site as may be necessary to enable the City to exercise its rights under this paragraph. All direct and indirect costs of the City in exercising such rights shall be charged against the Contractor in an amount verified by the Project Manager, and a Change Order shall be issued incorporating the necessary revisions in the Contract Documents and a reduction in the Contract Price. Such direct and indirect costs shall include, in particular but without limitation, compensation for additional professional services required and costs of repair and replacement of work of others destroyed or damaged by correction, removal or replacement of the Contractor's defective Work. The Contractor shall not be allowed an extension of the Contract Time because of any delay in performance of the Work attributable to the exercise by the City of the City's right hereunder.

## ARTICLE 12 – INDEMNIFICATION

- 12.1 Disclaimer of Liability: The City shall not at any time, be liable for injury or damage occurring to any person or property from any cause, whatsoever, arising out of Contractor's construction and fulfillment of this Agreement.
- 12.2 Indemnification: For other, additional good valuable consideration, the receipt and sufficiency of which is hereby acknowledged:
- 12.2.1 Contractor shall, at its sole cost and expense, indemnify and hold harmless the City, its representatives, employees and elected and appointed officials from or on account of all claims, damages, losses, liabilities and expenses, direct, indirect or consequential including but not limited to fees and charges of engineers, architects, attorneys, consultants and other professionals and court costs arising out of or in consequence of the performance of this Agreement at all trial and appellate levels. Indemnification shall specifically include but not be limited to claims, damages, losses, liabilities and expenses arising out of or from (a) the negligent or defective design of the project and Work of this Agreement; (b) any act, omission or default of the Contractor, its subcontractors, agents, suppliers, employees, or laborers; (c) any and all bodily injuries, sickness, disease or death; (d) injury to or destruction of tangible property, including any resulting loss of use; (e) other such damages, liabilities,

or losses received or sustained by any person or persons during or on account of any operations connected with the construction of this Project including the warranty period; (f) the use of any improper materials; (g) any construction defect including both patent and latent defects; (h) failure to timely complete the work; (i) the violation of any federal, state, county or city laws, ordinances or regulations by Contractor, its subcontractors, agents, servants, independent contractors or employees; (j) the breach or alleged breach by Contractor of any term of the Agreement, including the breach or alleged breach of any warranty or guarantee.

- 12.2.2 Contractor agrees to indemnify, defend, save and hold harmless the City, its officers, agents and employees, from all damages, liabilities, losses, claims, fines and fees, and from any and all suits and actions of every name and description that may be brought against City, its officers, agents and employees, on account of any claims, fees, royalties, or costs for any invention or patent and/or for the infringement of any and all copyrights or patent rights claimed by any person, firm, or corporation.
- 12.2.3 Contractor shall pay all claims, losses, liens, settlements or judgments of any nature in connection with the foregoing indemnifications including, but not limited to, reasonable attorney's fees and costs for trials and appeals.
- 12.2.4 If any Subcontractor, supplier, laborer, or materialmen of Contractor or any other person directly or indirectly acting for or through Contractor files or attempts to file a mechanic's or construction lien against the real property on which the work is performed or any part or against any personal property or improvements thereon or make a claim against any monies due or to become due from the City to Contractor or from Contractor to a Subcontractor, for or on account of any work, labor, services, material, equipment, or other items furnished in connection with the Work or any change order, Contractor agrees to satisfy, remove, or discharge such lien or claim at its own expense by bond, payment, or otherwise within five (5) days of the filing or from receipt of written notice from the City.

Additionally, until such time as such lien or claim is satisfied, removed or discharged by Contractor, all monies due to Contractor, or that become due to Contractor before the lien or claim is satisfied, removed or otherwise discharged, shall be held by City as security for the satisfaction, removal and discharge of such lien and any expense that may be incurred while obtaining the discharge. If Contractor shall fail to do so, City shall have the right, in addition to all other rights and remedies provided by this Agreement or by law, to satisfy, remove, or discharge such lien or claim by whatever means City chooses at the entire and sole cost and expense of Contractor which costs and expenses shall, without limitation, include attorney's fees, litigation costs, fees and expenses and all court costs and assessments, and which shall be deducted from any amount owing to Contractor. In the event the amount due Contractor is less than the amount required to satisfy Contractor's obligation under this, or any other article, paragraph or section of this Agreement, the Contractor shall be liable for the deficiency due the City.

12.2.5 The Contractor and the City agree that Section 725.06(2), Florida Statutes controls the extent and limits of the indemnification and hold harmless provisions of this Agreement, if any, and that the parties waive any defects in the wording of this Article that runs afoul of said statutory section.

### **ARTICLE 13 – CHANGES IN THE WORK**

- 13.1 Without invalidating this Agreement, the City may, from time to time order additions, deletions or revisions in the Work through the issuance Task Order Amendments. Upon receipt of a Task Order Amendment, the Contractor shall proceed with the Work involved. All Work shall be executed under the applicable conditions of the Contract Documents.
- 13.2 The Project Manager may authorize minor changes in the work not involving an adjustment in the Contract Price or the Contract Time, which are consistent with the overall intent of the Contract Documents. Such changes must be in writing and signed by the City and the Contractor.
- 13.3 If notice of any change affecting the general scope of the Work or change in the Contract Price is required by the provisions of any Bond to be given to the Surety, it will be the Contractor's responsibility to so notify the Surety, and the amount of each applicable Bond shall be adjusted accordingly. The Contractor shall furnish proof of such adjustment to the City.

### **ARTICLE 14 – CHANGE OF CONTRACT PRICE**

Contract Price shall not exceed that which is agreed to in this Agreement. Any increase to the Contract Price shall be executed through an Amendment to this agreement and approved by the City Commission.

- 14.1 Time for the City to Approve Contract Amendment: Should the cumulative amount of the executed Task Orders exceed the Contract Price, a Contract Amendment must be approved by the City Commission authorizing additional funding for this Contract.
- 14.2 Should the cumulative amount of the executed task orders exceed the Contract Price, a Contract Amendment must be approved by the City Commission authorizing additional funding for this Contract.

### **ARTICLE 15 – CHANGE OF THE CONTRACT TIME**

- 15.1 The Contract Time shall be for two (2) years from the date of Commission award subject to two (2) one (1) year renewal terms.
- 15.2 All time limits stated in the Contract Documents and within each executed Task Order are of the essence. The provisions of this Article 15 shall not exclude recovery for damages for delay by the Contractor.
- 15.3 Delays caused by or resulting from entities, contractors or subcontractors who are not affiliated with the CONTRACTOR (non-affiliated Contractors) shall not give rise to a

claim by the CONTRACTOR for damages for increases in material and/or labor costs. Such entities, contractors and subcontractors include, but are not limited to, the City's contractors and subcontractors, Florida Power and Light Company, AT&T and Florida East Coast Railway, LLC.

- 15.4 Rights of Various Interests: Whenever work being done by City's forces or by other contractors is contiguous to or within the limits of work covered by this Contract, the respective rights of the various interests involved shall be established by the Project Manager to secure the completion of the various portions of the work in general harmony.

## ARTICLE 16 – LIQUIDATED DAMAGES

- 16.1 Upon failure of the Contractor to complete the Work of an executed Task Order within the agreed upon and approved time for said Task Order, the Contractor shall pay to the City the sum of **Five Hundred Dollars (\$500.00)** for each and every calendar day that the completion of the Task Order is delayed beyond the time agreed upon for said Task Order, as fixed and agreed liquidated damages and not as a penalty, so long as the delay is caused by the Contractor. Should an act of God or the acts or omissions of the City, its agents or representatives, in derogation to the terms of this Agreement cause the delay, the Contractor shall not be responsible for the delay nor liquidated damages. Liquidated damages are fixed and agreed upon between the Parties, recognizing the impossibility of precisely ascertaining the amount of damages that will be sustained by the City as a consequence of such delay and both parties desiring to obviate any question of dispute concerning the amount of damages and the cost and effect of the failure of the Contractor to complete the Work on time. Liquidated damages shall apply separately to each Task Order for which a time of completion is given. The City shall have the right to deduct from or retain any compensation which may be due or which may become due and payable to the Contractor the amount of liquidated damages, and if the amount retained by the City is insufficient to pay in full such liquidated damages, the Contractor shall pay all liquidated damages in full. The Contractor shall be responsible for reimbursing the City, in addition to liquidated damages or other damages for delay, for all costs of engineering, architectural fees, and inspection and other costs incurred in administering the construction of the Project beyond the completion date specified or beyond an approved extension of time granted to the Contractor whichever is later. Delays caused by or resulting from entities, contractors or subcontractors who are not affiliated with the Contractor shall not give rise to a claim by Contractor for damages for increase in material and/or labor costs. Such entities, contractors and subcontractors include, but are not limited to, the City's contractors and subcontractors, Florida Power and Light Company, AT&T, and Florida East Coast Railway, LLC.
- 16.2 No Extended Damages: For other and additional good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, the Contractor covenants and agrees that in the event of any delay of construction or for any reason, allegation or claim, and notwithstanding the reason of the delay, reason, claim or allegation or who caused them or the construction delay or whether they were caused by the City, that there will be no entitlement to Contractor to or for any direct or indirect financial damages or losses for extended corporate overhead impact, extended project overhead impacts, project support services, mobilization or demobilization or by

whatever other label or legal concept or theory and types of names or labels or basis such claims may have, or any business damages or losses of whatever type or nature, and Contractor hereby waives any right to make any such claim or claims. This provision will have application and effect when construction delays are anticipated and agreed upon by both the City and the Contractor.

## **ARTICLE 17 – SUSPENSION OF WORK AND TERMINATION**

- 17.1 City May Suspend Work: The City may, at any time and without cause, suspend the Work or any portion of the Work for a period of not more than ninety (90) days by notice in writing to the Contractor which shall fix the date on which Work shall be resumed. The Contractor shall resume the Work on the date fixed. The Contractor will be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to any suspension, if the Contractor makes a claim as provided in Articles 14 and 15.
- 17.2 City May Terminate Work: The City retains the right to terminate this Agreement as well as any task order, with thirty (30) days prior written notice. Additionally, the City may also terminate this Agreement as well as any task order upon 15 days' notice upon the occurrence of any one or more of the following events:
- 17.2.1 If the Contractor commences a voluntary case or a petition is filed against the Contractor, under any chapter of the Bankruptcy Code, or if the Contractor takes any equivalent or similar action by filing a petition or otherwise under any other federal or state law in effect at such time relating to the bankruptcy or insolvency.
- 17.2.2 If the Contractor makes a general assignment for the benefit of creditors.
- 17.2.3 If a trustee, receiver, custodian or agent of the Contractor is appointed under applicable law or under Contract, whose appointment or authority to take charge of property of the Contractor is for the purpose of enforcing a lien against such property or for the purpose of general administration of such property for the benefit of the Contractor's creditors.
- 17.2.4 If Contractor fails to begin the Work within fifteen (15) calendar days after the Project Initiation Date, or fails to perform the Work with sufficient workers and equipment or with sufficient materials to ensure the prompt completion of the Work, or shall perform the Work unsuitably, or cause it to be rejected as defective and unsuitable, or shall discontinue the prosecution of the Work pursuant to the accepted schedule or if Contractor shall fail to perform any material term set forth in the Contract Documents, or from any other cause whatsoever shall not carry on the Work in an acceptable manner, Project Manager may give notice in writing to Contractor and its Surety of such delay, neglect or default, specifying the same.
- 17.2.5 If the Contractor repeatedly fails to make prompt payments to subcontractors or for labor, material or equipment.
- 17.2.6 If the Contractor repeatedly disregards proper safety procedures.



17.2.7 If the Contractor disregards any local, state or federal laws or regulations.

17.2.8 If the Contractor otherwise violates any provisions of this Agreement.

17.3 If Contractor, within a period of ten (10) calendar days after such notice, shall not proceed in accordance therewith, the City may exclude the Contractor from the Work site and take the prosecution of the Work out of the hands of the Contractor, and take possession of the Work and all of the Contractor's tools, appliances, construction equipment and machinery at the site and use them without liability to the City for trespass or conversion, incorporate in the Work all materials and equipment stored at the site or for which the City has paid the Contractor but which are stored elsewhere, and finish the Work as the City may deem expedient. In this instance, the Contractor shall not be entitled to receive any further compensation until the Work is finished.

17.3.1 If after notice of termination of Contractor's right to proceed, it is determined for any reason that Contractor was not in default, the rights and obligations of City and Contractor shall be the same as if the notice of termination had been issued pursuant to the Termination for Convenience clause as set forth in Section 17.5 below.

17.3.2 Upon receipt of Notice of Termination pursuant to Sections 17.2 or 17.5, Contractor shall promptly discontinue all affected work unless the Notice of Termination directs otherwise and deliver or otherwise make available to City all data, drawings, specifications, reports, estimates, summaries and such other information as may have been required by the Contract Documents whether completed or in process.

17.4 If the Contractor commits a default due to its insolvency or bankruptcy, the following shall apply:

17.4.1 Should this Agreement be entered into and fully executed by the parties, funds released and the Contractor (Debtor) files for bankruptcy, the following shall occur:

17.4.1.1 In the event the Contractor files a voluntary petition under 11 U.S.C. 301 or 302, or an order for relief is entered under 11 U.S.C. 303, the Contractor shall acknowledge the extent, validity, and priority of the lien recorded in favor of the City. The Contractor further agrees that in the event of this default, the City shall, at its option, be entitled to seek relief from the automatic stay pursuant to 11 U.S.C. 362. The City shall be entitled to relief from the automatic stay pursuant to 11 U.S.C. 362(d) (1) or (d) (2), and the Contractor agrees to waive the notice provisions in effect pursuant to 11 U.S.C. 362 and any applicable Local Rules of the United States Bankruptcy Court. The Contractor acknowledges that such waiver is done knowingly and voluntarily.

17.4.1.2 Alternatively, in the event the City does not seek stay relief, or if stay relief is denied, the City shall be entitled to monthly adequate protection payments within the meaning of 11 U.S.C. 361. The monthly adequate protection payments shall each be in an amount

determined in accordance with the Note and Mortgage executed by the Contractor in favor of the City.

17.4.1.3 In the event the Contractor files for bankruptcy under Chapter 13 of Title 11, United States Code in addition to the foregoing provisions, the Contractor agrees to cure any amounts in arrears over a period not to exceed twenty-four (24) months from the date of the confirmation order, and such payments shall be made in addition to the regular monthly payments required by the Note and mortgage. Additionally, the Contractor shall agree that the City is over secured and, therefore, entitled to interest and attorney's fees pursuant to 11 U.S.C. 506(b). Such fees shall be allowed and payable as an administrative expense. Further, in the event the Contractor has less than five (5) years of payments remaining on the Note, the Contractor agrees that the treatment afforded to the claim of the City under any confirmed plan of reorganization shall provide that the remaining payments shall be satisfied in accordance with the Note, and that the remaining payments or claim shall not be extended or amortized over a longer period than the time remaining under the Note.

17.4.2 Should this Agreement be entered into and fully executed by the parties, and the funds have not been forwarded to Contractor, the following shall occur:

17.4.2.1 In the event the Contractor files a voluntary petition pursuant to 11 U.S.C. 301 or 302, or an order for relief is entered under 11 U.S.C. 303., the Contractor acknowledges that the commencement of a bankruptcy proceeding constitutes an event of default under the terms of this Agreement. Further, the Contractor acknowledges that this Agreement constitutes an executory contract within the meaning of 11 U.S.C. 365. The Contractor acknowledges that this Agreement is not capable of being assumed pursuant to 11 U.S.C. 365(c)(2), unless the City expressly consents in writing to the assumption. In the event the City consents to the assumption, the Contractor agrees to file a motion to assume this Agreement within ten (10) days after receipt of written consent from the City, regardless of whether the bankruptcy proceeding is pending under Chapter 7, 11, or 13 of Title 11 of the United States Code. The Contractor further acknowledges that this Agreement is not capable of being assigned pursuant to 11 U.S.C. 365(b)(1).

17.5 Termination for Convenience: This Contract may be terminated for convenience in writing by City upon thirty (30) days written notice to Contractor (delivered by certified mail, return receipt requested) of intent to terminate and the date on which such termination becomes effective. In such case, Contractor shall be paid for all work executed and expenses incurred prior to termination in addition to termination settlement costs reasonably incurred by Contractor relating to commitments which had become firm prior to the termination. Payment shall include reasonable profit for work/services satisfactorily performed. No payment shall be made for profit for work/services which have not been performed.

- 17.6 Where the Contractor's service has so been terminated by the City, the termination shall not affect any rights of the City against the Contractor then existing or which may thereafter accrue. Any retention or payment of moneys due the Contractor by the City will not release the Contractor from liability.
- 17.7 The Contractor has no right, authority or ability to terminate the Work except for the wrongful withholding of any payments due the Contractor from the City.

## **ARTICLE 18 – DISPUTE RESOLUTION**

- 18.1 Resolution of Disputes: Questions, claims, difficulties and disputes of whatever nature which may arise relative to the technical interpretation of the Contract Documents and fulfillment of this Agreement as to the character, quality, amount and value of any work done and materials furnished, or proposed to be done or furnished under or, by reason of, the Contract Documents which cannot be resolved by mutual agreement of Contract Administrator and Contractor shall be submitted to the Consultant for resolution. When either party has determined that a disputed question, claim, difficulty or dispute is at an impasse, that party shall notify the other party in writing and submit the question, claim, difficulty or dispute to the Consultant for resolution. The parties may agree to a proposed resolution at any time without the involvement and determination of the Consultant.
- 18.1.1 Consultant shall notify Contract Administrator and Contractor in writing of Consultant's decision within twenty-one (21) calendar days from the date of the submission of the question, claim, difficulty or dispute, unless Consultant requires time to gather information or allow the parties to provide additional information.
- 18.1.2 In the event the determination of a dispute by the Consultant under this Article is unacceptable to any of the parties hereto, the party objecting to the determination must notify the other party and the City Manager, in writing within ten (10) days after receipt of the determination. The notice must state the basis of the objection and the proposed resolution. Final resolution of such dispute shall be made by the City Manager. The City Manager's decision shall be final and binding on the parties.
- 18.1.3 All non-technical administrative disputes (such as billing and payment) shall be determined by Contract Administrator.
- 18.1.4 During the pendency of any dispute and after a determination thereof, Contractor, Consultant, and Contract Administrator shall act in good faith to mitigate any potential damages including utilization of construction schedule changes and alternate means of construction. During the pendency of any dispute arising under this Agreement, other than termination herein, Contractor shall carry on the Work and adhere to the progress schedule. The Work shall not be delayed or postponed pending resolution of any disputes or disagreements.
- 18.1.5 For any disputes which remain unsolved, within sixty (60) calendar days after Final Completion of the Work, the parties shall participate in mediation to

address all unresolved disputes. A mediator shall be mutually agreed upon by the parties. Should any objection not be resolved in mediation, the parties retain all their legal rights and remedies under applicable law. If a party objecting to a determination, fails to comply in strict accordance with the requirements of this Article, said party specifically waives all of its rights provided hereunder, including its rights and remedies under applicable law.

## ARTICLE 19 – NOTICES

- 19.1 All notices required by any of the Contract Documents shall be in writing and shall be deemed delivered upon mailing by certified mail, return receipt requested to the following:

To the City: City Manager  
City of Fort Lauderdale  
100 North Andrews Avenue  
Fort Lauderdale, Florida 33301

with copies to:

Project Manager and City Attorney  
City of Fort Lauderdale  
100 North Andrews Avenue  
Fort Lauderdale, Florida 33301

To the Contractor:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## ARTICLE 20 – LIMITATION OF LIABILITY

- 20.1 The City desires to enter into this Agreement only if in so doing the City can place a limit on the City's liability for any cause of action arising out of this Agreement, so that the City's liability for any breach never exceeds the sum of \$1,000. For other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Contractor expresses its willingness to enter into this Agreement with the knowledge that the Contractor's recovery from the City to any action or claim arising from the Agreement is limited to a maximum amount of \$1,000, which amount shall be reduced by the amount actually paid by the City to the Contractor pursuant to this Agreement, for any action or claim arising out of this Agreement. Nothing contained in this paragraph or elsewhere in this Agreement is in any way intended either to be a waiver of the limitation placed upon the City's liability as set forth in Section 768.28, Florida Statutes, or to extend the City's liability beyond the limits established in said Section 768.28; and no claim or award against the City shall include attorney's fees, investigative costs, expert fees, suit costs or pre-judgment interest.

- 20.2 **No Extended Damages:** For other and additional good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, the Contractor covenants and agrees that in the event of any delay of construction or for any reason, allegation or claim, and notwithstanding the reason of the delay, reason, claim or allegation or who caused them or the construction delay or whether they were caused by the City, that there will be no entitlement to Contractor to or for any direct or indirect financial damages or losses for extended corporate overhead impact, extended project overhead impacts, project support services, mobilization or demobilization or by whatever other label or legal concept or theory and types of names or labels or basis such claims may have, or any business damages or losses of whatever type or nature, and Contractor hereby waives any right to make any such claim or claims. This provision will have application and effect when construction delays are anticipated and agreed upon by both the City and the Contractor.

## ARTICLE 21 – GOVERNING LAW

- 21.1 This Agreement shall be governed by the laws of the State of Florida. Both Parties agree that the courts of the State of Florida shall have jurisdiction of any claim arising in connection with this Agreement. Venue for any claim, objection or dispute arising out of this Agreement shall be in Broward County, Florida. **By entering into this contract, Contractor and City hereby expressly waive any rights either party may have to a trial by jury of any civil litigation related to, or arising out of the Project. Contractor shall specifically bind all subcontractors to the provisions of this Contract.**

## ARTICLE 22 – MISCELLANEOUS

- 22.1 The duties and obligations imposed by this Agreement and the rights and remedies available to the parties and, in particular but without limitation, the warranties, guaranties and obligations imposed upon the Contractor and all of the rights and remedies available to the City, are in addition to, and are not to be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by laws or regulations, by special warranty or guarantee or by other provisions of the Contract Documents, and the provisions of this Paragraph will be as effective as if repeated specifically in the Contract Documents, and the provisions of this Paragraph will survive final payment and termination or completion of this Agreement.
- 22.2 The Contractor shall not assign or transfer this Agreement or its rights, title or interests. The obligations undertaken by the Contractor pursuant to this Agreement shall not be delegated or assigned to any other person or firm. Violation of the terms of this Paragraph shall constitute a material breach of Agreement by the Contractor and the City any, at its discretion, cancel this Agreement and all rights, title and interest of the Contractor which shall immediately cease and terminate.
- 22.3 The Contractor and its employees, volunteers and agents shall be and remain an independent contractors and not agents or employees of the City with respect to all of the acts and services performed by and under the terms of this Agreement. This Agreement shall not in any way be constructed to create a partnership, association or any other kind of joint undertaking or venture between the Parties.

- 22.4 The City reserves the right to audit the records of the Contractor relating in any way to the Work to be performed pursuant to this Agreement at any time during the performance and term of this Agreement and for a period of three (3) years after completion and acceptance by the City. If required by the City, the Contractor agrees to submit to an audit by an independent certified public accountant selected by the City. The Contractor shall allow the City to inspect, examine and review the records of the Contractor at any and all times during normal business hours during the term of this Agreement.
- 22.5 The remedies expressly provided in this Agreement to the City shall not be deemed to be exclusive but shall be cumulative and in addition to all other remedies in favor of the City now or later existing at law or in equity.
- 22.6 Should any part, term or provisions of this Agreement be decided by the courts to be invalid, illegal or in conflict with any state or federal law, the validity of the remaining portion or provision shall not be affected.
- 22.7 Scrutinized Companies: Subject to *Odebrecht Construction, Inc., v. Prasad*, 876 F.Supp.2d 1305 (S.D. Fla. 2012), *affirmed*, *Odebrecht Construction, Inc., v. Secretary, Florida Department of Transportation*, 715 F.3d 1268 (11th Cir. 2013), with regard to the "Cuba Amendment," the Contractor certifies that it is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or the Scrutinized Companies that Boycott Israel List created pursuant to Section 215.4725, Florida Statutes (2016), that it is not engaged in a boycott of Israel, and that it does not have business operations in Cuba or Syria, as provided in section 287.135, Florida Statutes (2016), as may be amended or revised. The City may terminate this Agreement at the City's option if the Contractor is found to have submitted a false certification as provided under subsection (5) of section 287.135, Florida Statutes (2016), as may be amended or revised, or been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or the Scrutinized Companies that Boycott Israel List created pursuant to Section 215.4725, Florida Statutes (2016), or is engaged in a boycott of Israel or has been engaged in business operations in Cuba or Syria, as defined in Section 287.135, Florida Statutes (2016), as may be amended or revised.
- 22.8 Public Entity Crimes: In accordance with the Public Crimes Act, Section 287.133, Florida Statutes, a person or affiliate who is a contractor, consultant or other provider, who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to the City, may not submit a bid on a contract with the City for the construction or repair of a public building or public work, may not submit bids on leases of real property to the City, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with the City, and may not transact any business with the City in excess of the threshold amount provided in Section 287.017, Florida Statutes, for category two purchases for a period of thirty-six (36) months from the date of being placed on the convicted vendor list. Violation of this section by Contractor shall result in cancellation of the City purchase and may result in Contractor debarment.

## 22.9 Public Records

**IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT [PRRCONTRACT@FORTLAUDERDALE.GOV](mailto:PRRCONTRACT@FORTLAUDERDALE.GOV), 954-828-5002, CITY CLERK'S OFFICE, 100 N. ANDREWS AVENUE, FORT LAUDERDALE, FLORIDA 33301.**

Contractor shall:

1. Keep and maintain public records that ordinarily and necessarily would be required by the City in order to perform the service.
2. Upon request from the City's custodian of public records, provide the City with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes (2016), as may be amended or revised, or as otherwise provided by law.
3. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of this contract if the Contractor does not transfer the records to the City.
4. Upon completion of the Contract, transfer, at no cost, to the City all public records in possession of the Contractor or keep and maintain public records required by the City to perform the service. If the Contractor transfers all public records to the City upon completion of this Contract, the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public records upon completion of this Contract, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City's custodian of public records, in a format that is compatible with the information technology systems of the City.

Annual Contract for Transportation And Mobility Capital Improvements  
(Contractor)  
BID 273-11832

**CITY**

IN WITNESS OF THE FOREGOING, the parties have set their hands and seals the day and year first above written.

CITY OF FORT LAUDERDALE, a municipal  
corporation of the State of Florida

By: \_\_\_\_\_  
LEE R. FELDMAN, City Manager

(CORPORATE SEAL)

ATTEST:

By: \_\_\_\_\_  
JEFFREY A. MODARELLI  
City Clerk

Approved as to Legal Form:

By: \_\_\_\_\_  
RHONDA MONTOYA HASAN  
Assistant City Attorney



**CONTRACTOR**

WITNESSES:

CONTRACTOR.,  
a Florida corporation.

\_\_\_\_\_

By \_\_\_\_\_

\_\_\_\_\_  
Print Name\_\_\_\_\_  
PRINT NAME\_\_\_\_\_  
Title

ATTEST:

\_\_\_\_\_

BY: \_\_\_\_\_

\_\_\_\_\_  
Print Name\_\_\_\_\_  
PRINT NAME\_\_\_\_\_  
Secretary

(CORPORATE SEAL)

STATE OF FLORIDA:  
COUNTY OF BROWARD:

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2016, by \_\_\_\_\_ (Name), as \_\_\_\_\_ (Title) of \_\_\_\_\_ (CONTRACTOR), a Florida corporation, on behalf of the Corporation.

SEAL

\_\_\_\_\_  
Notary Public, State of Florida\_\_\_\_\_  
Name of Notary Typed, Printed or Stamped☐ Personally Known or ☐ Produced Identification:

Type of Identification Produced: \_\_\_\_\_

## **GENERAL CONDITIONS**

**Unless otherwise modified in the projects special conditions, the following General Conditions shall be part of the Contract:**

**GC - 01 - DEFINITIONS** - The following words and expressions, or pronouns used in their stead, shall wherever they appear in the Contract and the Contract Documents, be construed as follows:

"Addendum" or "Addenda" - shall mean the additional Contract provisions issued in writing, by the Engineer, prior to the receipt of bids.

"Bid" – shall mean the offer or proposal of the Bidder submitted on the prescribed form setting forth the prices for the Work to be performed.

"Bidder" – shall mean any person, firm, company, corporation or entity submitting a Bid for the Work.

"Bonds" –shall mean Bid, performance and payment bonds and other instruments of security, furnished by Contractor and his surety in accordance with the Contract Documents.

"City" – shall mean the City of Fort Lauderdale, Florida, a Florida municipal corporation. In the event the City exercises its regulatory authority as a government body, the exercise of such regulatory authority and the enforcement of any rules, regulations, codes, laws and ordinances shall be deemed to have occurred pursuant to City's authority as a governmental body and shall not be attributable in any manner to the City as a party to this Contract. For the purpose of this Contract, "City" without modification shall mean the City Commission, and/or City Manager or his/her designee(s) as applicable.

"Construction Manager" - shall mean the Public Works Director or his/her designee.

"Construction Project Manager" - shall mean the Public Works Director or his/her designee.

"Consultant" – shall mean a person, firm, company, corporation or other entity employed by the City to perform the professional services for the project.

"Contract Work" - shall mean everything expressed or implied to be required to be furnished and furnished by the Contractor by any one or more of the parts of the Contract Documents referred to in the Contract hereof except Extra Work as hereinafter defined, it being understood that, in case of any inconsistency in or between any part or parts of this Contract, the Public Works Director shall determine which shall prevail.

"Design Documents" – shall mean the construction plans and specifications included as part of a Bid/Proposal Solicitation prepared either by the City or by the Consultant under a separate Agreement with the City.

"Engineer" - shall mean the Public Works Director or his/her designee.

"Extra Work" - shall mean work other than that required by the Contract.

"Inspector" – shall mean an authorized representative of the City assigned to make necessary inspections of materials furnished by Contractor and of the Work performed by Contractor.

"Notice" - shall mean written notice sent by certified United States Mail, return receipt requested, or sent by commercial express carrier with acknowledgement of delivery, or via fax or email, or by hand delivery with a request for a written receipt of acknowledgment of delivery and shall be served upon the Contractor either personally or to its place of business listed in the Bid.

"Owner" - shall mean the City of Fort Lauderdale.

"Project Manager" - shall mean the Public Works Director or his/her designee.

"Public Works Director" -shall mean the Public Works Director of the City of Fort Lauderdale, Florida or his/her designee(s).

"Site" - shall mean the area upon or in which the Contractor's operations are carried out and such other areas adjacent thereto as may be designated as such by the Public Works Director.

"Subcontractor" - shall mean any person, firm, company, corporation or other entity, other than employees of the Contractor, who or which contracts with the contractor, to furnish, or actually furnishes labor and materials, or labor and equipment, or labor, materials and equipment at the site.

"Surety" - shall mean any corporation or entity that executes, as Surety, the Contractor's performance and payment bond securing the performance of this Contract.

**GC - 02 - SITE INVESTIGATION AND REPRESENTATION** - The Contractor acknowledges that it has satisfied itself as to the nature and location of the Work under the Contract Documents, the general and local conditions of the Site, particularly those bearing upon availability of transportation, disposal, handling and storage of materials, availability of labor, water, electric power, and roads, the conformation and conditions at the ground based on City provided reports, the type of equipment and facilities needed preliminary to and during the prosecution of the Work and all other matters which can in any way affect the Work or the cost thereof under the Contract Documents.

The Contractor acknowledges that it has conducted extensive tests, examinations and investigations and represents and warrants a thorough familiarization with the nature and extent of the Contract Documents, the Work, locality, soil conditions, moisture conditions and all year-round local weather and climate conditions (past and present), and, in reliance on such tests, examination and investigations conducted by Contractor and the Contractor's experts, has determined that no conditions exist that would in any manner affect the Bid Price and that the project can be completed for the Bid Price submitted.

The Contractor, on its own, has made or caused to be made examinations, investigations, tests and studies of reports and related data in addition to those referred above, as Contractor deemed necessary to perform the Work at the Bid price set by the Contractor, within the contract time and in accordance with the other terms and conditions of the Contract Documents and the Bid made by the Contractor; and no additional examinations, investigations, tests, reports or similar data are, or will be, required by Contractor to assure that the Work can be done at the Bid price set by the Contractor.

The Contractor further acknowledges that it has satisfied itself based on any geotechnical reports the City may provide and inspection of the project Site as to the character, quality, and quantity of surface and subsurface materials to be encountered from inspecting the site and from evaluating information derived from exploratory work that may have been done by the City or included in the Contract Documents and finds and has further determined that no conditions exist that would in any manner affect the Bid price and that the project can be completed for the Bid price submitted..

Any failure by the Contractor to acquaint itself with all the provided information and information obtained by visiting the project Site will not relieve Contractor from responsibility for properly estimating the difficulty or cost thereof under the Contract Documents. In the event that the actual subsurface conditions vary from the actual City provided reports, the Contractor shall notify the City and the Contract amount may be adjusted depending on the conditions, at the approval of the City.

**GC - 03 - SUBSTITUTIONS** - If the Contractor desires to use materials and/or products of manufacturer's names different from those specified in the Contract Documents, the Bidder requesting the substitution shall make written application as described herein. The burden of proving the equality of the proposed substitution rests on the Bidder making the request. To be acceptable, the proposed substitution shall meet or exceed all expressed requirements of the Contract Documents and shall be submitted upon the Contractor's letterhead, in addition to the "Contractor's Request for Substitution" form provided by the Public Works Director. The following requirements shall be met in order for the substitution to be considered:

1. Requests for substitution shall reach the Public Works Director no less than ten (10) Working Days prior to the date set for opening of Bids; and
2. Requests for substitution shall be accompanied by such technical data, as the party making the request desires to submit. The Public Works Director will consider reports from reputable independent testing laboratories, verified experience records from previous users and other written information valid in the circumstances; and
3. Requests for substitution shall completely and clearly indicate in what respects the materials and/or products differ from those indicated in the Contract Documents; and
4. Requests for substitution shall be accompanied by the manufacturer's printed recommendations clearly describing the installation, use and care, as applicable, of the proposed substitutions; and
5. Requests for substitution shall be accompanied by a complete schedule of changes in the Contract Documents, if any, which must be made to permit the use of the proposed substitution; and
6. Provide the "Contractor's Request for Substitution" form, completely executed. Failure to provide all pertinent data will result in immediate rejection of such a request.

If a proposed substitution is approved by the Public Works Director, an Addendum will be issued to prospective bidders not less than three (3) working days prior to the date set for opening of Bids. Unless substitutions are received and approved as described above, the successful Bidder shall be responsible for furnishing materials and products in strict accordance with the Contract Documents.

**GC - 04 - CONTROL OF THE WORK** - The Public Works Director shall have full control and direction of the Work in all respects. The Public Works Director and/or his authorized designee(s) shall, at all times, have the right to inspect the Work and materials. The Contractor shall furnish all reasonable facilities for obtaining such information, as the Public Works Director may desire respecting the quality of the Work and materials and the manner of conducting the Work. Should the Contractor be directed or permitted to perform night Work, or to vary the period which work is ordinarily carried on in the daytime, he shall give ample notice to the Public Works Director so that proper and adequate inspection may be provided. Such Work shall be done only under such regulations as are furnished in writing by the Public Works Director, and no extra compensation shall be allowed to the Contractor therefore. In the event of night work, the Contractor shall furnish

such light, satisfactory to the Public Works Director, as will insure proper inspection. Nothing herein contained shall relieve the Contractor from compliance with any and all City ordinances relating to noise or Work during prohibited hours.

The Contractor shall keep the Public Works Director informed, a reasonable time in advance, as to his need for grades and lines in order that the same may be furnished and all necessary measurements made for records and for payment with the minimum of inconvenience to the Public Works Director or of delay to the Contractor. The Contractor shall submit to the Public Works Director or Inspector on the job a written request outlining the streets, etc., for which the Contractor desires lines and grades. It is the intention not to delay the Work for the giving of lines and grades, but when necessary, work operations shall be suspended for such reasonable time as the Public Works Director may require for this purpose. However, such cost increases shall be authorized either by the City Manager and/or designee, or the City Commission based upon the purchasing threshold amounts provided for in Chapter 2 of the City of Fort Lauderdale's Code of Ordinances.

**GC - 05 - SUBCONTRACTOR** - The Contractor shall not sublet, in whole or any part of the Work without the written consent and approval of the Public Works Director. Within ten (10) days after official notification of starting date, the Contractor must submit in writing, to the Public Works Director, a list of all Subcontractors. No Work shall be done by any Subcontractor until such Subcontractor has been officially approved by the Public Works Director. A subcontractor not appearing on the original list will not be approved without written request submitted to the Public Works Director and approved by the Public Works Director. In all cases, the Contractor shall give his personal attention to the Work of the Subcontractors and the Subcontractor is liable to be discharged by the Contractor, at the direction of the Public Works Director, for neglect of duty, incompetence or misconduct.

Acceptance of any Subcontractor, other person, or organization by the Public Works Director shall not constitute a waiver of any right of Public Works Director to reject defective Work or Work not in conformance with the Contract Documents.

Contractor shall be fully responsible for all acts and omissions of his Subcontractors and of persons and organizations directly or indirectly employed by them and of persons and organizations for whose acts any of them may be liable to the same extent that he is responsible for the acts and omissions of persons directly employed by him. Nothing in the Contract Documents shall create any contractual relationship between City and any Subcontractor or other person or organization having a direct contract with Contractor, nor shall it create any obligation on the part of City to pay or to see to the payment of any moneys due to any Subcontractor or other person, or organization, except as may otherwise be required by law.

**GC – 06 - QUANTITIES** - It is mutually agreed that the proposal shows the approximate amounts only along with the Plans and the general location. It is also mutually agreed that no change will be made involving any departure from the general scheme of the Work and that no such change involving a material change in cost, either to the City or Contractor, shall be made, except upon written permission of the City. However, the Public Works Director shall have the right to make minor alternations in the line, grade, plan, form or materials of the Work herein contemplated any time before the completion of the same. That if such alterations shall diminish the quantity of the Work to be done, such alterations shall not constitute a claim for damages or anticipated profits. That if such alterations increase the amount of the Work to be done, such increase shall be paid for according to the quantity actually performed and at the unit price or prices stipulated therefore in the Contract.

The City shall, in all cases of dispute, determine the amount or quantity of the several kinds of Work which are to be paid for under this Contract, and shall decide all questions relative to the execution of the same, and such estimates and decisions shall be final and binding.

Any Work not herein specified, which might be fairly implied as included in the Contract, of which the City shall judge, shall be done by the Contractor without extra charge. However, such cost increases shall be authorized either by the City Manager and/or designee, or the City Commission based upon the purchasing threshold amounts provided for in Chapter 2 of the City of Fort Lauderdale's Code of Ordinances.

**GC-07 - NO ORAL CHANGES** - Except to the extent expressly set forth in the Contract, no change in or modification, termination or discharge of the Contract in any form whatsoever, shall be valid or enforceable unless it is in writing and signed by the parties charged, therewith or their duly authorized representative.

**GC - 08 - PERMITS AND PROTECTION OF PUBLIC** – Permits on file with the City and or those permits to be obtained shall be considered directive in nature and will be considered a part of this Contract. A copy of all permits shall be given to the City and become part of the Contract Documents. Terms of permits shall be met prior to acceptance of the Work and release of the final payment.

The Contractor shall be required to observe all the ordinances in relation to obtaining permits for occupying, excavating, or in any way obstructing the streets and alleys. He shall erect and maintain barricades and sufficient safeguards around all excavations, embankments or obstructions; he shall place sufficient warning lights at or near the Work; keep the same burning from sunset to sunrise, employ watchmen, and strictly obey all laws and ordinances controlling or limiting those engaged in similar work.

Where there are telephones, light or power poles, water mains, conduits, pipes or drains or other construction, either public or private, in or on the streets or alleys, the Work shall be so conducted that no interruption or delay will be caused in the operation or use of the same. Proper written notice shall be given, and all the facilities, afforded the owners of such construction encountered or likely to be encountered, as will enable them to preserve the same from injury.

The Contractor shall not be permitted to interfere with public travel and convenience by grading or tearing up streets indiscriminately, but the Work of constructing the various items in this contract shall proceed in an orderly, systematic and progressive manner.

Contractor shall not load nor permit any part of any structure to be loaded with weights that will endanger the structure, nor shall he subject any part of the Work to stresses or pressures that will endanger it.

Where lifting operations involving the use of specialized cranes are required as part of construction, Contractor must make undertake the following investigation and submit the results and documentation to the Engineer prior to commencing any lifting operations: marking a very specific area in the field for the placement of the crane; a drawing showing the limitations of the job operation (i.e. not over adjacent properties or pedestrian and high vehicular traffic areas); underground utility exploration in the vicinity of the crane location, which may include ground penetrating radar to identify voids or old pipe or other subsurface features that could lead to sudden failure; assessment of the underlying soil and roadway materials and a worst case analysis based on entire load being distributed on just one or two outriggers; provision of properly sized pads under the outriggers; loading charts from manufacturer showing allowable configurations/loads; and inspection to make sure crane operation is in accordance with the permit conditions.

**GC - 09 - DISEASE REGULATIONS** - The Contractor shall enforce all sanitary regulations and take all precautions against infectious diseases as the Public Works Director may deem necessary. Should any infectious or contagious diseases occur among his employees, he shall arrange for the immediate removal of the employee from the Site and isolation of all persons connected with the Work.

**GC - 10 - CONTRACTOR TO CHECK PLANS, SPECIFICATIONS, AND DATA** - The Contractor shall verify all dimensions, quantities, and details shown on the plans, supplementary drawings, schedules, or other data received from the Public Works Director, and shall notify the Public Works Director of all errors, omissions, conflicts and discrepancies found therein within three (3) working days of discovery. Failure to discover or correct errors, conflicts, or discrepancies shall not relieve the Contractor of full responsibility for unsatisfactory Work, faulty construction, or improper operation resulting there from nor from rectifying such condition at his own expense.

**GC - 11 - SUPPLEMENTARY DRAWINGS** - When, in the opinion of the Public Works Director, it becomes necessary to explain more fully the Work to be done, or to illustrate the work further, or to show any changes which may be required, drawings, known as supplementary drawings, with specifications pertaining thereto, will be prepared by the Public Works Director and copies will be given to the Contractor.

The supplementary drawings shall be binding upon the Contractor with the same force as the original Plans. Where such supplementary drawings require either less or more than the estimated quantities of work, credit to the City or compensations therefore to the Contractor shall be subject to the terms of the Contract.

**GC - 12 - MATERIALS AND WORKMANSHIP** - All material and workmanship shall, in every respect, be in conformity with approved modern practice and with prevailing standards of performance and quality. In the event of dispute the Public Works Director's decision shall be final. Wherever the Plans, specifications, Contract Documents, or the directions of the Public Works Director are unclear as to what is permissible and/or fail to note the quality of any Work, that interpretation will be made by the Public Works Director, which is in accordance with approved modern practice, to meet the particular requirements of the Contract.

In all cases, new materials shall be used, unless this provision is waived by notice from the City in writing.

**GC - 13 - SAFEGUARDING MARKS** - The Contractor shall safeguard all points, stakes, grade marks, monuments, and bench marks made or established on the Work, bear the cost of re-establishing same if disturbed, or bear the entire expense of rectifying Work improperly installed due to not maintaining or protecting or for removing without authorization, such established points, stakes and marks. The Contractor shall safeguard all existing and known property corners, monuments and marks not related to the Work and, if required, shall bear the cost of having them re-established by a licensed surveyor if disturbed or destroyed during the course of construction.

**GC - 14 - EXISTING UTILITY SERVICE** - All existing utility service shall be maintained with a minimum of interruption at the expense of the Contractor.

**GC - 15 - JOB DESCRIPTION SIGNS** – Contractor, at Contractor's expense, shall furnish, erect, and maintain suitable weatherproof signs on jobs over \$100,000 containing the following information:

1. City Seal (in colors)
2. Project or Improvement Number
3. Job Description
4. Estimated Cost
5. Completion Date

Minimum size of sign shall be four feet high, eight feet wide and shall be suitably anchored. The entire sign shall be painted and present a pleasing appearance. Exact location of signs will be determined in the field. Two (2) signs will be required, one at each end of the job. All costs of this work shall be included in other parts of the work.

**GC - 16 - FLORIDA EAST COAST RIGHT-OF-WAY** - Whenever a City contractor is constructing within the Florida East Coast Railway Company's Right-of-Way, it will be mandatory that the contractor carry separate bodily injury and property damage insurance in the amounts as stated below. This insurance shall be taken out and maintained during the life of the Contract.

Bodily injury insurance in an amount not less than \$500,000.00 for injuries, including wrongful death to any one person, and subject to the same limit for each person, in an amount not less than \$1,000,000.00 on account of any one occurrence, and

Property damage insurance in an amount not less than \$500,000.00 for damages on account of any one occurrence and in an amount not less than \$1,000,000.00 for damages on account of all occurrences.

**GC - 17 - ACCIDENTS** - The Contractor shall provide such equipment and facilities as are necessary and/or required, in the case of accidents, for first aid services to be provided to a person who may be injured during the project duration. The Contractor shall also comply with the OSHA requirements as defined in the United States Labor Code 29 CFR 1926.50.

In addition, the Contractor must report immediately to the Public Works Director every accident to persons or damage to property, and shall furnish in writing full information, including testimony of witnesses regarding any and all accidents.

**GC - 18 - SAFETY PRECAUTIONS** - Contractor must adhere to the applicable environmental protection guidelines for the duration of a project. If hazardous waste materials are used, detected or generated at any time, the Project Manager must be immediately notified of each and every occurrence. The Contractor shall comply with all codes, ordinances, rules, orders and other legal requirements of public authorities (including OSHA, EPA, DERM, the City, Broward County, State of Florida, and Florida Building Code), which bear on the performance of the Work.

The Contractor shall take the responsibility to ensure that all Work is performed using adequate safeguards, including but not limited to: proper safe rigging, safety nets, fencing, scaffolding, barricades, chain link fencing, railings, barricades, steel plates, safety lights, and ladders that are necessary for the protection of its employees, as well as the public and City employees. All riggings and scaffolding shall be constructed with good sound materials, of adequate dimensions for their intended use, and substantially braced, tied or secured to ensure absolute safety for those required to use it, as well as those in the vicinity. All riggings, scaffolding, platforms, equipment guards, trenching, shoring, ladders and similar actions or equipment shall be OSHA approved, as applicable, and in accordance with all Federal, State and local regulations.



**GC - 19 - DUST PREVENTION** - The Contractor shall, by means of a water spray, or temporary asphalt pavement, take all necessary precautions to prevent or abate a dust nuisance arising from dry weather or Work in an incomplete stage. All costs of this Work shall be included in cost of other parts of the Work.

Should the Contractor fail to abate a dust nuisance by the above methods, and then he will be required to immediately construct temporary patches per City standards.

**GC - 20 - PLACING BARRICADES AND WARNING LIGHTS** - The Contractor shall furnish and place, at his own expense, all barricades, warning lights, automatic blinker lights and such devices necessary to properly protect the work and vehicular and pedestrian traffic. Should the Contractor fail to erect or maintain such barricades, warning lights, etc., the Public Works Director may, after 24 hours' notice to the Contractor, proceed to have such barricades and warning lights placed and maintained by City or other forces and all costs incurred thereof charged to the Contractor and may be retained by the City from any monies due, or to become due, to the Contractor.

**GC - 21 - TRAFFIC CONTROL** - The Contractor shall coordinate all Work and obtain, through the Engineering Department, any permits required to detour traffic or close any street before starting to work in the road. The following section: Part VI Traffic Controls for Street and Highway Construction and Maintenance Operations, MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, U.S. Department of Transportation Federal Highway Administration, 2009, or current edition, shall be used as a guide for requirement and placement of traffic control devices, signs and barricades. The Public Works Director shall determine requirements for the above. The above publication is available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. In the event that a Maintenance of Traffic (MOT) Plan is required, the Plan shall be prepared by an A.A.S.T.A. certified technician.

All traffic control devices, flashing lights, signs and barricades shall be maintained in working condition at all times.

**GC - 22 - COORDINATION** - The Contractor shall notify all utilities, transportation department, etc., in writing, with a copy to the Public Works Director before construction is started and shall coordinate his Work with them. The Contractor shall cooperate with the owners of any underground or overhead utility lines in their removal, construction and rearrangement operations in order that services rendered by these parties will not be unnecessarily interrupted.

The Contractor shall arrange his Work and dispose of his materials so as to not interfere with the operation of other Contractors engaged upon adjacent work and to join his Work to that of others in a proper manner and to perform his Work in the proper sequence in relation to that of other Contractors all as may be directed by the Public Works Director.

Each Contractor shall be responsible for any damage done by him or his agents to the work performed by another Contractor.

The Contractor shall contact the Broward County Transportation Department and the Florida Department of Transportation, as applicable, to verify and obtain location of any and all traffic conduits, loops, and street light underground services.

**GC - 23 - WATER** - Bulk water used for construction, flushing pipelines, and testing shall be obtained from fire hydrants. Contractor shall make payment for hydrant meter at Treasury Billing

Office, 1st Floor, City Hall, 100 N. Andrews Avenue. With the paid receipt, contractor can pick up hydrant meter at the utility location office. No connection shall be made to a fire hydrant without a meter connected.

**GC - 24 - PROHIBITION AGAINST CONTRACTING WITH SCRUTINIZED COMPANIES** - Subject to *Odebrecht Construction, Inc., v. Prasad*, 876 F.Supp.2d 1305 (S.D. Fla. 2012), *affirmed*, *Odebrecht Construction, Inc., v. Secretary, Florida Department of Transportation*, 715 F.3d 1268 (11th Cir. 2013), with regard to the "Cuba Amendment," the Contractor certifies that it is not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or the Scrutinized Companies that Boycott Israel List created pursuant to Section 215.4725, Florida Statutes (2016), that it is not engaged in a boycott of Israel, and that it does not have business operations in Cuba or Syria, as provided in section 287.135, Florida Statutes (2016), as may be amended or revised. The City may terminate this Agreement at the City's option if the Contractor is found to have submitted a false certification as provided under subsection (5) of section 287.135, Florida Statutes (2016), as may be amended or revised, or been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List or the Scrutinized Companies that Boycott Israel List created pursuant to Section 215.4725, Florida Statutes (2016), or is engaged in a boycott of Israel or has been engaged in business operations in Cuba or Syria, as defined in Section 287.135, Florida Statutes (2016), as may be amended or revised.

**GC - 25 - LOCATION OF UNDERGROUND FACILITIES** - If the Proposer, for the purpose of responding to this solicitation, requests the location of underground facilities through the Sunshine State One-Call of Florida, Inc. notification system or through any person or entity providing a facility locating service, and underground facilities are marked with paint, stakes or other markings within the City pursuant to such a request, then the Proposer shall be deemed non-responsive to this solicitation in accordance with Section 2-184(5) of the City of Fort Lauderdale Code of Ordinances.

**GC - 26 – USE OF FLORIDA LUMBER TIMBER AND OTHER FOREST PRODUCTS** - In accordance with Florida Statute 255.20 (3), The City specifies that lumber, timber, and other forest products used for this project shall be produced and manufactured in the state of Florida if such products are available and their price, fitness, and quality are equal. This requirement does not apply to plywood specified for monolithic concrete forms, if the structural or service requirements for timber for a particular job cannot be supplied by native species, or if the construction is financed in whole or in part from federal funds with the requirement that there be no restrictions as to species or place of manufacture.

The Bidder affirms by submitting a bid response to this solicitation that they will comply with section 255.20 (3) Florida Statutes.

**GC – 27 – PUBLIC RECORDS/TRADE SECRETS/COPYRIGHT:** The Proposer's response to the Solicitation is a public record pursuant to Florida law, which is subject to disclosure by the City under the State of Florida Public Records Law, Florida Statutes Chapter 119.07 ("Public Records Law"). The City shall permit public access to all documents, papers, letters or other material submitted in connection with this Solicitation and the Contract to be executed for this Solicitation, subject to the provisions of Chapter 119.07 of the Florida Statutes.

Any language contained in the Proposer's response to the Solicitation purporting to require confidentiality of any portion of the Proposer's response to the Solicitation, except to the extent that certain information is in the City's opinion a Trade Secret pursuant to Florida law, shall be

void. If a Proposer submits any documents or other information to the City which the Proposer claims is Trade Secret information and exempt from Florida Statutes Chapter 119.07 ("Public Records Laws"), the Proposer shall clearly designate that it is a Trade Secret and that it is asserting that the document or information is exempt. The Proposer must specifically identify the exemption being claimed under Florida Statutes 119.07. The City shall be the final arbiter of whether any information contained in the Proposer's response to the Solicitation constitutes a Trade Secret. The City's determination of whether an exemption applies shall be final, and the proposer agrees to defend, indemnify, and hold harmless the City and the City's officers, employees, and agent, against any loss or damages incurred by any person or entity as a result of the City's treatment of records as public records. Proposals purporting to be subject to copyright protection in full or in part will be rejected.

EXCEPT FOR CLEARLY MARKED PORTIONS THAT ARE BONA FIDE TRADE SECRETS PURSUANT TO FLORIDA LAW, DO NOT MARK YOUR RESPONSE TO THE SOLICITATION AS PROPRIETARY OR CONFIDENTIAL. DO NOT MARK YOUR RESPONSE TO THE SOLICITATION OR ANY PART THEREOF AS COPYRIGHTED.

**IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:**

**Telephone Number:** (954) 828-5002

**Mailing Address:** City Clerk's Office  
100 N. Andrews Avenue  
Fort Lauderdale, FL 33301

**E-mail:** [prcontract@fortlauderdale.gov](mailto:prcontract@fortlauderdale.gov)

Contractor shall:

1. Keep and maintain public records that ordinarily and necessarily would be required by the City in order to perform the service.
2. Upon request from the City's custodian of public records, provide the City with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes (2016), as may be amended or revised, or as otherwise provided by law.
3. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of this contract if the Contractor does not transfer the records to the City.
4. Upon completion of the Contract, transfer, at no cost, to the City all public records in possession of the Contractor or keep and maintain public records required by the City to perform the service. If the Contractor transfers all public records to the City

upon completion of this Contract, the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Contractor keeps and maintains public records upon completion of this Contract, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City's custodian of public records, in a format that is compatible with the information technology systems of the City.

**SUPPLEMENTAL GENERAL CONDITIONS****BID NO. 273-11832****ANNUAL CONTRACT FOR TRANSPORTATION AND MOBILITY CAPITAL IMPROVEMENTS**

**GENERAL:** The work consists of furnishing all labor, material, equipment and incidentals necessary for the construction of the contract items indicated by the Proposal within City streets, rights-of-way and other City-owned property. All work shall be in accordance with the City's CONSTRUCTION STANDARDS AND SPECIFICATIONS except where stated otherwise herein.

All work shall be scheduled through the Transportation and Mobility Department. An official Departmental notification form (Task Order) will be given the Contractor containing the date, time, location sketch, and amount of work to be done as one job or work-order. This form will be the authorization to start work. **The Contractor shall commence each authorized portion of work within five (5) business days of notification. Upon notification and prior to commencing work, the Contractor and Engineer shall reach an agreement as to the reasonable number of working days that will be required for the specific amount of Task Ordered** (unless the notification form states the number of working days to be allowed). The work shall be completed within the number of working days agreed upon between the Engineer and Contractor, subject to extensions allowed by the Engineer due to unfavorable weather or other allowable causes substantiated by the Contractor.

Suitable barricades and lights shall be placed by the Contractor to protect the public prior to the removal of sidewalk, curb, etc., and shall remain until replaced concrete is sufficiently hard to sustain pedestrian traffic. Barricades and lights shall be removed as soon as possible after placing concrete.

The Contractor shall arrange his work and dispose of his materials so as not to interfere with the operations of other Contractors engaged upon adjacent work and in accordance with the Plans and Specifications, and perform his work in the proper sequence in relation to that of other Contractors, all as may be directed by the Engineer.

Each Contractor shall be held responsible for any damage done by him or his agents to work performed by another Contractor.

The quantities of work in the Proposal section of this contract are rough approximations only. The total quantities of work to be included in this contract and actually performed may vary widely and some items may be completely eliminated depending upon the work that will be authorized by the City during the period of this contract, by field conditions or availability of funds.

The Contractor shall provide the city engineering inspector typed (Excel, Word, or similar) and signed off (by the contractor's project manager/s) as-built field quantities and/or measurements specific to each Task Order (matching up with the City's format) within a maximum period of ten (10) working days after the Task Order is completed. Any pay request submitted to the City by the Contractor shall include this as-built data, and four (4) originally signed copies of the request (with completed work broken down specifically per contract line item). Pay requests shall also not exceed a period of (30) working days following each Task Order completion, as verified by the city engineering inspector. Submissions by the Contractor exceeding this time period shall not be considered for payment (barring unforeseen events, and/or without prior consent by the City).

**CONTRACT DATES:** The termination date for issuance of Task Orders shall be when the funds are depleted or two (2) years from effective date of the agreement, whichever comes first. All Task Orders issued before the contract termination must be completed under this contract even if contract has expired.

**CONTRACT EXTENSION:** Prior to the end of the contract, the successful contractor shall be given the option of renewal for an additional three (2) one-year periods, by mutual agreement, in writing, at City's request. Renewal of this contract is limited by appropriations of funds for the subsequent year.

**MOBILIZATION AND DEMOBILIZATION:** This item includes moving of equipment on and off the job, traffic maintenance, insurance, and bonds. One (1) mobilization and demobilization will be allowed for work within one (1) square mile and on the same work-order. Once the Contractor starts work on a work-order, he shall remain on the job for the necessary number of consecutive working days until it is completed. The Engineering Inspection Supervisor shall determine when the Task Order is completed. Leaving the job before a work-order is completed makes the Contractor responsible for liquidated damages of \$250 per day out for each day off the jobsite.

**CONCRETE CONSTRUCTION:** All concrete strength must be 3000 psi. The Contractor will be responsible for establishing the grade and squaring of the valve meter boxes and miscellaneous fixtures to the existing line and grades of the existing building and curb. Where a sidewalk underdrain is encountered, the Contractor will exercise care in the removal and replacement; however, if it is constructed in such a manner that it is impossible to salvage, the City will supply the necessary materials and the Contractor will perform the work at no extra cost.

**WHEELCHAIR RAMPS:** Existing concrete shall be neatly cut on straight lines with a concrete saw and all excavated concrete and excess material shall be disposed of. A minimum of 9-feet of curb and gutter or curb shall be removed and replaced with standard drop curb with transitions to standard curb and gutter placed monolithically with minimum 6-inch-thick concrete sidewalk ramp and transitions to the remaining sidewalk. All ramps shall have detectable warning surface truncated dome as on detail specifications, epoxy-type installation, armor tile - cast in place or approved equal detectable warning surface on each ramp location. The Engineer will determine detectable warning surface color at time of application. Stabilized and compacted sub-base shall be provided for the support of the wheelchair ramp structure. Payment for wheelchair ramps will be made on the basis of the unit price bid for each wheelchair ramp, complete, in place.

**CONCRETE GRINDING/HORIZONTAL SAW-CUTTING:** This item is for the grinding or horizontal saw cutting of concrete sidewalks and concrete header curbs. Grinding and horizontal saw cutting shall be performed so that the sidewalk surface has essentially the same or slightly rougher texture adjacent to either side of the joint or crack. The finished surface shall have a rectangular appearance consisting of a straight back line with no stray grinding marks. The adjacent concrete shall remain relatively untouched by the grinding process without scars or damage. Grinding or horizontal saw cutting will be performed using dry, horizontal carbide grinding equipment that will leave a non-slip surface. The finished slope shall be a maximum of 12:1 (12" back for 1" high). The Contractor shall remove and properly dispose of all residues from grinding/saw cutting process. Each grind shall leave a smooth transition to adjacent areas. See detail on page detail specifications.

**FDOT INLETS:** Existing FDOT type storm drain inlets to be repaired shall have the top slab and as much of the gutter and inlet apron as may be necessary removed, disposed of, and reconstructed according to the Standard Drawing for FDOT Inlets.

**REINFORCED CONCRETE DEMOLITION:** This work is for the demolition, hauling and disposal of any type of concrete structure, including but not limited to: walls, seawall caps, ramps, poles, posts, beams, columns, abutments, footers, footing, steps, etc. The demolition shall not extend beyond 36 inches below grade elevation.

**PAVER BLOCK REPLACEMENT:** These items are for the removal of old broken or damaged paving blocks and replacement with new blocks of same type and color. These items include reworking the

base material and addition or removal of sand-leveling course as necessary to replace the paving blocks to original grade and condition.

The sand-leveling course shall consist of 1-1/2-inch-minimum-thickness of clean (washed), sharp and coarse sand on a 1/8-inch sieve. Sand shall be free of salt contamination. An approved herbicide shall be applied per manufacturer's recommendations prior to installation of the paving blocks. Sand shall be screeded or leveled prior to replacement of the original paving blocks. (Refer to manufacturer's specifications for more detail.)

**PAVER BLOCK RESTORATION:** These items are for the removal and replacement of same paving blocks that have settled or become misaligned. These items include reworking the base material and addition or removal of sand-leveling course as necessary to replace the paving blocks to original grade and condition.

The sand-leveling course shall consist of 1-1/2-inch-minimum-thickness of clean (washed), sharp and coarse sand on a 1/8-inch sieve. Sand shall be free of salt contamination. An approved herbicide shall be applied per manufacturer's recommendations prior to installation of the paving blocks. Sand shall be screeded or leveled prior to replacement of the original paving blocks. (Refer to manufacturer's specifications for more detail.)

**CLAY BRICK PAVER REPLACEMENT AND AREA RESTORATION:** This item is for the removal of old broken and/or damaged clay brick pavers that have settled and/or become misaligned, and replacement with new paver bricks of similar size and color.

**TREE GRATES:** All work performed on trees shall be in conformance with the CODE OF ORDINANCES OF THE CITY OF FORT LAUDERDALE, FLORIDA, Section 47-58.12(D) entitled "Tree Abuse."

**ROOT PRUNING:** All work performed on trees shall be in conformance with the CODE OF ORDINANCES OF THE CITY OF FORT LAUDERDALE, FLORIDA, Section 47-58.12(D) entitled "Tree Abuse." Roots shall be pruned to within 6-inches of nearest concrete walk or curb, or unless agreed to by the Engineering Inspector.

**MAINTENANCE OF TRAFFIC:** Contractor shall be responsible for maintaining traffic in accordance with the Florida Department of Transportation standards and all applicable local requirements. Contractor shall be responsible for obtaining all applicable permits for maintenance of traffic.

**PROTECTION AND RESTORATION OF SURVEY MONUMENTS:** The Contractor shall carefully protect from disturbances all survey monuments, stakes and bench marks, whether or not established by him, or he shall not remove nor destroy any surveying point until it has been properly witnessed or otherwise disposed of by the Engineer. All major survey monuments such as section corners, property corners, or block control points shall be replaced at the Contractor's expense with markers of a size and type approved by the Engineer. The replacement shall be under the supervision of a Florida Registered Land Surveyor.

**SURVEYING BENCH MARKS AND CONTROL POINTS:** The City Surveyor will establish the initial benchmarks, control points, and one set of construction stakes for the median curb, at no charge to the Contractor. The Contractor shall be responsible for requesting the construction stakes at least five working days in advance of when stakes will be needed. The Contractor is responsible to protect and preserve all reference points and stakes established by the City Surveyor. In the event the stakes are damaged or moved, the Contractor shall be responsible for re-establishing the field reference points and stakes at his own expense. The City Surveyor will obtain all as-builts in approved format. All requests for survey work shall be directed through the City Engineering Inspector.

**PEDESTRIAN SIGNALIZATION:** The Contractor shall provide pedestrian hybrid beacons per MUTCD, current edition, Chapter 4F. The Contractor should review and utilize vendors on the FDOT approved product list where possible.

**SPEED HUMP INSTALLATION PROCEDURE:** The work shall be performed in the following manner:

- (1) Templates for the type of speed hump to be constructed, TRRL or flattop, must be used at all times in the construction of the work. The Contractor must provide two (2) profile templates and a check template for each of the speed hump configurations. The templates must be sturdily fabricated and approved by the City representative prior to starting any work. Templates must be maintained in good condition and must be replaced if they become deteriorated or distorted. Work will not be permitted to proceed without the use of approved templates.
- (2) The check templates must be constructed very accurately, as they serve as a means of verification of the newly built work. The profile shall not vary by more than 1/16-inch from specified height dimensions.

At its discretion, the City may use other means for checking newly constructed speed humps, such as coring for asphalt thickness and survey elevations.

- (3) Where speed humps of the same profile, but of different height, are to be constructed, separate templates must nonetheless be provided, corresponding to the different heights.
- (4) The Contractor shall install the permanent Advance Warning Signs for speed humps for each location prior to starting work on installing speed humps. The signs must be covered until the first hump is installed.

Signs shall be field-located by the Engineer or his representative.

- (5) Flaggers shall be present and directing traffic at all times that work in the roadway is taking place. Traffic control barrels, cones and warning signs shall be placed at all work areas to provide a safe maintenance of traffic. All workers must be provided with and must wear roadway safety vests.
- (6) The Contractor shall sawcut, but not excavate, all of the required keyway slot areas for a job before starting any speed hump installation work. The Contractor shall not excavate more than one keyway (leading edges) in advance of speed hump installations. Keyway excavation shall be made to a depth of 1-inch to 2-inches. Over-excavated keyways shall be filled in with asphaltic concrete to obtain the proper depth and prevent damage to passing cars.

During construction of the hump, the first lift of asphalt should encompass the keyways.

- (7) All loose material, dust, dirt and all foreign material which could prevent proper bond with the existing surface shall be removed from the work area. Keyways shall be swept clean.
- (8) A tack coat shall be applied to the pavement surfaces.
- (9) Speed humps shall be constructed on one-half of the roadway at a time. Traffic shall be maintained on the other part of the roadway at all times. The speed humps shall be constructed in two approximate equal lifts. The first lift shall be compacted by a tandem steel



**SPEED HUMP INSTALLATION PROCEDURE (continued)**

roller prior to the installation of the second lift. Trucks carrying asphaltic concrete for the speed humps shall have the asphaltic concrete covered at all times in order to retain the temperature of the mix. The City representative may reject any truck that has, in his judgment, an inadequate cover.

- (10) The Contractor shall clean the work site. Construction debris shall not be allowed to accumulate. All construction debris must be removed from the work site daily.
- (11) Speed humps shall be temporarily striped on the day they are installed. Permanent striping shall be done between 30 and 45 days after installation of the speed humps.

**ASPHALTIC CONCRETE:** The asphaltic concrete material to be placed under this Contract shall be Florida Department of Transportation (FDOT) Type S-III

The material shall conform with the requirements set forth in the FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, Current Edition.

The asphalt load receipts received from the asphalt plant shall be submitted to the City Inspector for verification of the type of asphalt.

**COMPACTING SPEED HUMPS:** Use a tandem steel-wheeled roller weighing between 5 and 12 tons. The roller shall pass over every portion of each course of the hump at least five (5) times. Each pass shall overlap the previous pass by half the width of the rollerwheel. The motion of the roller shall be slow enough to avoid displacement of the mixture. Any displacement shall be corrected at once by the use of rakes and the addition of fresh mixture, if required. Final rolling shall be continued until all roller marks are eliminated.

**SURFACE REQUIREMENTS:** The Contractor shall be responsible for obtaining a smooth surface, free of irregularities. The finished surface shall be of uniform texture and compaction.

**ACCEPTANCE TESTING FOR SURFACE TOLERANCE:** The surface of the finished speed hump shall conform to the required dimensions as measured by the approved check templates. A tolerance of minus-1/4-inch to plus-1/2-inch will be allowed, but the maximum variation must not exceed 1/2-inch. The Contractor's personnel shall measure the speed hump with the template at the direction of the City Inspector or Engineer.

**CORRECTING UNACCEPTABLE SPEED HUMPS:** Correction shall be made by removing and replacing the speed hump with another in its place, built to the proper dimensions. The entire speed hump must be removed and the key re-established before constructing a replacement.

The cost of all corrective work shall be borne by the Contractor.

## **SECTION 01001 GENERAL REQUIREMENTS**

### **PART 1 PROJECT DESCRIPTION**

#### **1. GENERAL**

- A. A brief description of the Work is stated in the NOTICE TO CONTRACTORS. To determine the full scope of the Project or any particular part of the Project, coordinate the applicable information in these Contract Documents.
- B. The Work under this Contract shall be performed by the CONTRACTOR as required by the OWNER. Work will be authorized in the form of a Notice to Proceed issued to the CONTRACTOR. The CONTRACTOR shall complete all work in the Contract within the number of calendar days stipulated in the Contract unless an extension in the time of completion is granted by the ENGINEER, as stated in the INSTRUCTIONS TO BIDDERS. Upon completion of the work and compliance with applicable provisions in the Contract Documents, the CONTRACTOR will receive final payment for all work done.
- C. The following additional information, though not all-inclusive, is given to assist contractors in their evaluation of the work required to meet the project objectives.
- D. The CONTRACTOR shall become familiar with the existing operating conditions of the OWNER's parking facilities and take such into consideration in planning and scheduling work.

#### **2. DOT SPECIFICATIONS**

Portions of The Florida Department of Transportation Standard Specifications for Road and Bridge Construction and their Roadway and Traffic Design Standards, hereinafter referred to as the DOT Standard Specifications, are referred to herein and amended, in part, and the same are hereby made a part of this Contract to the extent of such references and shall be as binding upon the Contract as though reproduced herein. Such reference shall mean the current edition, including all supplements. In case of a conflict in the requirements of the DOT Specifications and the requirements stated herein, the requirements herein shall prevail.

### **PART 2 SEQUENCE OF OPERATIONS**

#### **1. SCHEDULING**

- A. General: CONTRACTOR shall prepare and submit a Construction Schedule.
- B. Plan the Work and carry it out with minimum interference to the operation of the existing facilities. Prior to starting the work, confer with the ENGINEER and OWNER's representative to develop an approved work schedule which will permit the facilities to function normally as practical. It may be necessary to do certain parts of the construction work outside normal working hours in order to avoid undesirable conditions. The CONTRACTOR shall do this work at such times, and at no additional cost to the OWNER.

- C. No work shall be started until the CONTRACTOR has received approval of the construction schedule from the ENGINEER or OWNER. The CONTRACTOR shall have sufficient manpower, equipment, and material to complete the project.
- D. No work shall commence without express consent of the ENGINEER or OWNER.
- E. If a privately owned staging area is required, no work shall commence until approval of the facility is obtained from City Planning and Zoning in accordance with Section 47-19.2 of the Unified Land Development Regulations. Submit a copy of the approval and agreement to the ENGINEER or OWNER.

## **2. MOBILIZATION AND DEMOBILIZATION**

- A. CONTRACTOR shall be responsible for mobilization and demobilization of labor, materials and equipment. Payment for mobilization and demobilization shall be included in the lump sum price indicated in the Proposal for the Project.

## **3. COORDINATION**

- A. CONTRACTOR shall cooperate in the coordination of separate activities in a manner that will provide the least interference with the OWNER's operations and other contractors and utility companies working in the area, and in the interfacing and connection of the separate elements of the overall project work.
- B. If any difficulty or dispute should arise in the accomplishment of the above, the problem shall be brought immediately to the attention of the ENGINEER or OWNER.

## **4. SHUTDOWN OF EXISTING OPERATIONS**

- A. Continuous operation of the OWNER's facilities is of critical importance. The CONTRACTOR's work shall not result in extended periods of interruption of service to customers.
- B. Minimizing conflicts with the ongoing area-wide commercial activities is of critical importance. The CONTRACTOR's work shall minimize in the interruption of operations at any facility or business.

All materials and equipment (including emergency equipment) necessary to expedite the tie-in shall be on hand prior to the shutdown of existing services or utilities.

## **PART 3 SITE CONDITIONS**

### **1. SITE INVESTIGATION AND REPRESENTATION**

- A. The CONTRACTOR acknowledges satisfaction as to the general nature and location of the work, the general and local conditions, particularly those bearing upon availability of transportation, availability of labor, water, electric power, roads, and uncertainties of weather, river stages, or similar physical conditions, the character of equipment and facilities needed preliminary to and during the prosecution of the work, and all other matters which can in any way affect the work or the cost thereof under this Contract.
- B. Failure by the CONTRACTOR to become acquainted with the physical conditions and all the available information will not relieve the CONTRACTOR from responsibility for properly estimating the difficulty or cost of successfully performing the Work.
- C. The CONTRACTOR warrants that as a result of examination and investigation of all the aforesaid data, the CONTRACTOR can perform the work in a good and workmanlike manner and to the satisfaction of the OWNER. The OWNER assumes no responsibility for any representations made by any of its officers or agents during or prior to the execution of this Contract, unless (1) such representations are expressly stated in the Contract, and (2) the Contract expressly provides that the responsibility therefore is assumed by the OWNER.

### **2. INFORMATION ON SITE CONDITIONS**

- A. General: Information obtained by the OWNER or ENGINEER regarding site conditions, subsurface information, groundwater elevations, existing construction of site facilities as applicable, and similar data will be available for inspection at the office of the OWNER upon request. Such information is offered as supplementary information only. Neither the ENGINEER nor the OWNER assumes any responsibility for the completeness or interpretation of such supplementary information.
- B. Where appropriate, subsurface boring logs are provided on the drawing profiles.

### **3. UTILITIES**

- A. The CONTRACTOR shall be responsible for determining and/or confirming, at his cost, the locations of all utilities within the project area, and shall be responsible for contacting each utility for location and notification prior to commencing work.
- B. The CONTRACTOR shall contact potentially affected utilities as provided in Section 01040, COORDINATION.
- C. The CONTRACTOR shall contact Sunshine State One Call at 1-800-432-4770 at least 2 working days prior to any excavation and make arrangements for locating all utilities in the project area.

### **4. CONTRACTOR'S RESPONSIBILITY FOR UTILITY PROPERTIES AND SERVICE**

- A. Where the CONTRACTOR's operations could cause damage or inconvenience to utilities, telephone, television, power, water, or sewer systems, the operations shall be

- B. suspended until all arrangements necessary for the protection of these utilities and services have been made by the CONTRACTOR with the owner of the utility affected.
- C. Notify all utility offices which are affected by the construction operation at least 2 working days in advance. Under no circumstances expose any utility without first obtaining permission from the appropriate agency. Once permission has been granted, locate, expose, and provide temporary support for all existing underground utilities.
- D. The CONTRACTOR shall be solely and directly responsible to the OWNER and operators of such properties for any damage, injury, expense, loss, inconvenience, delay, suits, actions, or claims of any character brought because of any injuries or damage which may result from the construction operations under this Contract.
- E. Neither the OWNER nor its officers or agents shall be responsible to the CONTRACTOR for damages as a result of the CONTRACTOR's failure to protect utilities encountered in the Work.
- F. The CONTRACTOR shall replace, at his own expense, all existing utilities or structures removed or damaged during construction, unless otherwise provided for in these Contract documents or ordered by the ENGINEER.

#### **PART 4 SAFETY AND CONVENIENCE**

##### **1. SAFETY and access**

- A. The CONTRACTOR shall do all work necessary to protect the general public from hazards, including, but not limited to, surface irregularities or unramped grade changes in pedestrian sidewalk or walkway, and trenches or excavations in roadway. Barricades, lanterns, and proper signs shall be furnished in sufficient amount to safeguard the public and the work. All barricades and signs shall be clean and serviceable, in the opinion of the ENGINEER.
- B. During construction, the CONTRACTOR shall construct and at all times maintain satisfactory and substantial temporary chain link fencing, solid fencing, railing, barricades or steel plates, as applicable, at all openings, obstructions, or other hazards in streets, sidewalks, floors, roofs, and walkways. All such barriers shall have adequate warning lights as necessary, or required, for safety. All lights shall be regularly maintained, and in a fully operational state at all times.

##### **2. ACCIDENT REPORTS**

- A. In addition, the CONTRACTOR must promptly report in writing to the ENGINEER all accidents whatsoever arising out of, or in connection with, the performance of the work whether on, or adjacent to, the site, giving full details and statements of witnesses. If death or serious injuries or serious damages are caused, the accident shall be reported immediately by telephone or messenger to the ENGINEER.
- B. If a claim is made by anyone against the contractor or any subcontractor on account of any accident, the CONTRACTOR shall promptly report the facts in writing to the ENGINEER, giving full details of the claim.

### **3. SAFE ACCESS BY FEDERAL, STATE, AND LOCAL GOVERNMENT OFFICIALS**

- A. Authorized representatives of the state, federal, or local governmental agencies, shall at all times have safe access to the work, and the CONTRACTOR shall provide proper facilities for such access and inspection.

### **4. PROTECTION OF PROPERTY**

- A. Protect stored materials located adjacent to the proposed work. Notify property owners affected by the construction at least two business days in advance of the time construction begins. During construction operations, construct and maintain such facilities as may be required to provide access by all property owners to their property. No person shall be cut off from access to his residence or place of business for a period exceeding 2 hours, unless the CONTRACTOR has made special arrangements with the affected persons.
- B. The CONTRACTOR shall identify and isolate his active work zone in such a manner as to exclude all personnel not employed by him, the ENGINEER, and the OWNER.

### **1. FIRE PREVENTION AND PROTECTION**

- A. The CONTRACTOR shall perform all work in a fire-safe manner. He shall supply and maintain on the site adequate fire-fighting equipment capable of extinguishing incipient fires. The CONTRACTOR shall comply with applicable federal, state, and local fire-prevention regulations. Where these regulations do not apply, applicable parts of the National Fire Prevention Standard for Safeguarding Building Construction Operations (NFPA No. 241) shall be followed.

### **2. ACCESS FOR POLICE, FIRE, AND POSTAL SERVICE**

- A. Notify the fire department and police department before closing any street or portion thereof. No closing shall be made without the OWNER's approval of MOT plan. Notify said departments when the streets are again passable for emergency vehicles. Do not block off emergency vehicle access to consecutive arterial crossings or dead-end streets, in excess of 300 linear feet, without special written permission from the fire department. Conduct operations with the least interference to fire equipment access, and at no time prevent such access.
- B. The CONTRACTOR shall leave a night emergency telephone number or numbers with the police department, the ENGINEER, and the OWNER, so that contact may be made easily at all times in case of barricade and flare trouble or other emergencies.
- C. Maintain postal service facilities in accordance with the requirements of the U.S. Postal Service. Move mailboxes to temporary locations designated by the U.S. Postal Service, and at the completion of the work in each area, replace them in their original location and in a condition satisfactory to the U.S. Postal Service.

**PART 5      PRESERVATION, RESTORATION, AND CLEANUP****1.      SITE RESTORATION AND CLEANUP**

- A.    At all times during the work, keep the premises clean and orderly, and upon completion of the Work, repair all damage caused by equipment and leave the project free of rubbish or excess materials of any kind.

**2.      FINISHING OF SITE, BORROW, AND STORAGE AREAS**

- A.    Upon completion of the project, all areas used by the CONTRACTOR shall be properly cleared of all temporary structures, rubbish, and waste materials. Grassed areas shall be restored as specified.

**3.      Historic preservation**

- A.    If the project work should uncover prehistoric or historic artifacts associated with Native American cultures, early colonial cultures, or American settlements, all project activities in the area shall cease immediately.
- B.    All such discoveries shall be reported to the Division of Historical Resources. Review and Compliance Section at (800) 847-7278.
- C.    Project activities in the affected area cannot resume without authorization from the Division of Historic Resources.

**PART 6      PERMITS****1.      GENERAL**

- A.    Permits Obtained by the OWNER May Include the Following:
  - 1.    City of Fort Lauderdale Engineering Permit.
  - 2.    Local and County Building permits.
  - 3.    Tree removal and trimming permits.
- B.    Permits to be Obtained by the CONTRACTOR Include, But Are Not Limited To The Following:
  - 1.    Local, County, and State contracting licenses.
  - 2.    BCDPEP: Dewatering permit, including NPDES permit if required.
- C.    The CONTRACTOR shall comply with all applicable permit conditions.

**END OF SECTION 01001**

## SECTION 01025 MEASUREMENT AND PAYMENT

### PART 1                    GENERAL

#### 1.1 SUBMITTALS

- D. Informational:
1. Schedule of Values: Submit schedule on **OWNER's form**.
  2. Application for Payment.
  3. Final Application for Payment.

#### 1.2 SCHEDULE OF VALUES

- E. Prepare a schedule of values for the Work.
- F. Unit Price Work: Reflect unit price quantity and price breakdown from conformed Bid Form.
- G. Lump Sum Work:**
1. Reflect schedule of values format included in conformed Bid Form.
  2. List Bonds and insurance premiums, mobilization, demobilization, facility startup, and contract closeout separately.
  3. Break down by Divisions 2 through 16 with appropriate subdivision of each Specification.
- H. An unbalanced or front-end loaded schedule will not be acceptable.
- I. Summation of the complete schedule of values representing all the Work shall equal the Contract Price.

#### 2. APPLICATION FOR PAYMENT

- A. Transmittal Summary Form: Attach one Summary Form with each detailed Application for Payment and include Request for Payment of Materials and Equipment on Hand as applicable. Execute certification by authorized officer of CONTRACTOR.
- B. Use detailed Application for Payment Form **provided by OWNER**.
- C. Include accepted schedule of values for each portion of Work and the unit price breakdown for the Work to be paid on unit price basis, and a listing of OWNER-selected equipment, if applicable, and allowances, as appropriate.
- D. Preparation:**
1. Round values to nearest dollar.
  2. List each Change Order and Written Amendment executed prior to date of submission as separate line item. Totals to equal those shown on the Transmittal Summary Form.



3. Submit Application for Payment, including a Transmittal Summary Form and detailed Application for Payment Form, a listing of materials on hand as applicable, and such supporting data as may be requested by OWNER.

### 3. MEASUREMENT—GENERAL

- A. Weighing, measuring, and metering devices used to measure quantity of materials for Work shall be suitable for purpose intended and conform to tolerances and Specifications as specified in National Institute of Standards and Technology, Handbook 44.
- B. Whenever pay quantities of material are determined by weight, material shall be weighed on scales furnished by CONTRACTOR and certified accurate by state agency responsible. Weight or load slip shall be obtained from weigher and delivered to PCM or OWNER's representative at point of delivery of material.
- C. If material is shipped by rail, car weights will be accepted provided that actual weight of material only will be paid for and not minimum car weight used for assessing freight tariff, and provided further that car weights will not be acceptable for material to be passed through mixing plants.
- D. Vehicles used to haul material being paid for by weight shall be weighed empty daily and at such additional times as required by PCM. Each vehicle shall bear a plainly legible identification mark.
- E. Materials that are specified for measurement by the cubic yard measured in the vehicle shall be hauled in vehicles of such type and size that actual contents may be readily and accurately determined. Unless all vehicles are of uniform capacity, each vehicle must bear a plainly legible identification mark indicating its water level capacity. Vehicles shall be loaded to at least their water level capacity. Loads hauled in vehicles not meeting above requirements or loads of a quantity less than the capacity of the vehicle, measured after being leveled off as above provided, will be subject to rejection, and no compensation will be allowed for such material.
- F. Where measurement of quantities depends on elevation of existing ground, elevations obtained during construction will be compared with those shown on Drawings. Variations of 1 foot or less will be ignored, and profiles shown on Drawings will be used for determining quantities.
- G. Units of measure shown on Bid Form shall be as follows, unless specified otherwise. All methods of measurement shall be approved by the PCM.

**MEASUREMENT AND PAYMENT****01025-02**

<b>Item</b>	<b>Method of Measurement</b>
AC	Acre—Field Measure
CY	Cubic Yard—Field Measure within limits specified or shown, or measured in vehicle by volume, as specified
EA	Each—Field Count
GAL	Gallon—Field Measure
HR	Hour
LB	Pound(s)—Weight Measure by Scale
LF	Linear Foot—Field Measure
LS	Lump Sum—Unit is one; no measurement will be made
SF	Square Foot
SY	Square Yard
TON	Ton—Weight Measure by Scale (2,000 pounds)

**4. PAYMENT****A. General:**

1. Progress payments will be made **monthly**.
2. The date for CONTRACTOR's submission of monthly Application for Payment shall be established at the Preconstruction Conference.

**B. Payment for Lump Sum Work covers all Work specified.****5. NONPAYMENT FOR REJECTED OR UNUSED PRODUCTS****A. Payment will not be made for following:**

1. Loading, hauling, and disposing of rejected material.
2. Quantities of material wasted or disposed of in manner not called for under Contract Documents.
3. Rejected loads of material, including material rejected after it has been placed by reason of failure of CONTRACTOR to conform to provisions of Contract Documents.
4. Material not unloaded from transporting vehicle.
5. Defective Work not accepted by OWNER.
6. Material remaining on hand after completion of Work.

**6. ALLOWANCES**

- A.** The allowances shall be used only at the discretion of and as ordered by the OWNER for such items as unforeseen conditions, unforeseeable conflicts between existing elements of work and the proposed work, unit price items exceed estimated quantities, and any associated work requested by the OWNER including all labor, materials, and services for

modifications or extra work to complete the Project that was anticipated, but not specifically included in this Contract.

- B. Any portion of these allowances that remain after all authorized payments have been made will be withheld from contract payments and will remain with the OWNER.

**PART 2      PRODUCTS (Not Used)**

**PART 3      EXECUTION (Not Used)**

**END OF SECTION 01025**

## **SECTION 012100 - ALLOWANCES**

### **PART 1 - GENERAL**

#### **1.1 RELATED DOCUMENTS**

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

#### **1.2 SUMMARY**

- A. This Section includes administrative and procedural requirements governing allowances.
1. Certain items are specified in the Contract Documents by allowances. Allowances have been established in lieu of additional requirements and to defer selection of actual materials and equipment to a later date when additional information is available for evaluation. If necessary, additional requirements will be issued by Change Order.
- B. Types of allowances include the following:
1. Lump-sum allowances.
  2. Unit-cost allowances.
  3. Quantity allowances.
  4. Contingency allowances.
  5. Testing and inspecting allowances.
- C. Related Sections include the following:
1. Division 01 Section "Unit Prices" for procedures for using unit prices.
  2. Division 01 Section "Quality Requirements" for procedures governing the use of allowances for testing and inspecting.
  3. Divisions 02 through 33 Sections for items of Work covered by allowances.

#### **1.3 SELECTION AND PURCHASE**

A. At the earliest practical date after award of the Contract, advise Architect of the date when final selection and purchase of each product or system described by an allowance must be completed to avoid delaying the Work.

B. At Architect's request, obtain proposals for each allowance for use in making final selections. Include recommendations that are relevant to performing the Work.

C. Purchase products and systems selected by Architect from the designated supplier.

#### **1.4 ACTION SUBMITTALS**

A. Submit proposals for purchase of products or systems included in allowances, in the form specified for Change Orders.

#### **1.5 INFORMATIONAL SUBMITTALS**

A. Submit invoices or delivery slips to show actual quantities of materials delivered to the site for use in fulfillment of each allowance.

B. Submit time sheets and other documentation to show labor time and cost for installation of allowance items that include installation as part of the allowance.

C. Coordinate and process submittals for allowance items in same manner as for other portions of the Work.

## **1.6 COORDINATION**

A. Coordinate allowance items with other portions of the Work. Furnish templates as required to coordinate installation.

## **1.7 [LUMP-SUM] [UNIT-COST] [AND] [QUANTITY] ALLOWANCES**

A. Allowance shall include cost to Contractor of specific products and materials ordered by Owner under allowance and shall include taxes, freight, and delivery to Project site.

B. Unless otherwise indicated, Contractor's costs for receiving and handling at Project site, labor, installation, overhead and profit, and similar costs related to products and materials {ordered by City} [selected by Architect] under allowance shall be included as part of the Contract sum and not part of the allowance.

C. Retain "Unused Materials" Paragraph below if allowances are not used for low-cost or single-unit items only.

D. Unused Materials: Return unused materials purchased under an allowance to manufacturer or supplier for credit to City, after installation has been completed and accepted.

1. If requested by Architect, retain and prepare unused material for storage by City. Deliver unused material to City's storage space as directed.

## **1.8 CONTINGENCY ALLOWANCES**

A. Use the contingency allowance only as directed by Architect for Owner's purposes and only by Change Orders that indicate amounts to be charged to the allowance.

B. Contractor's [overhead, profit, and] related costs for products and equipment ordered by Owner under the contingency allowance are included in the allowance and are not part of the Contract Sum. These costs include delivery, installation, [taxes,] insurance, equipment rental, and similar costs.

C. Change Orders authorizing use of funds from the contingency allowance will include Contractor's related costs and reasonable overhead and profit margins.

D. At Project closeout, credit unused amounts remaining in the contingency allowance to Owner by Change Order.

## **1.9 TESTING AND INSPECTING ALLOWANCES**

A. Testing and inspecting allowances include the cost of engaging testing agencies, actual tests and inspections, and reporting results.

- B. The allowance does not include incidental labor required to assist the testing agency or costs for retesting if previous tests and inspections result in failure. The cost for incidental labor to assist the testing agency shall be included in the Contract Sum.
- C. Costs of services not required by the Contract Documents are not included in the allowance.
- D. At Project closeout, credit unused amounts remaining in the testing and inspecting allowance to Owner by Change Order.

### **1.10 ADJUSTMENT OF ALLOWANCES**

- A. Allowance Adjustment: To adjust allowance amounts, prepare a Change Order proposal based on the difference between purchase amount and the allowance, multiplied by final measurement of work-in-place where applicable. IF applicable, include reasonable allowances for cutting losses, tolerances, mixing wastes, normal product imperfections, and similar margins.
  - 1. Include installation costs in purchase amount only where indicated as part of the allowance.
  - 2. If requested, prepare explanation and documentation to substantiate distribution of overhead costs and other margins claimed.
  - 3. Delete both subparagraphs below if no unit-cost allowances.
  - 4. Submit substantiation of a change in scope of work, if any, claimed in Change Orders related to unit-cost allowances.
  - 5. Owner reserves the right to establish the quantity of work-in-place by independent quantity survey, measure, or count.

## **PART 2 - PRODUCTS (Not Used)**

## **PART 3 – EXECUTION**

### **3.1 EXAMINATION**

- A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

### **3.2 PREPARATION**

- A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

### **3.3 SCHEDULE OF ALLOWANCES**

- A. Allowance No. <Insert number>: Include <Insert allowance description> as specified in Division <Insert Division number> Section "<Insert Section title>"[ and as shown on Drawings].

**END OF SECTION 012100**

## **SECTION 012600 - CONTRACT MODIFICATION PROCEDURES**

### **PART I - GENERAL**

#### **1.1. RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

#### **1.2 SUMMARY**

- A. This Section specifies administrative and procedural requirements for handling and processing Contract modifications.
- B. Related Sections include the following:
  - 1. Division 01 Section "Product Requirements" for administrative procedures for handling requests for substitutions made after Contract award.

#### **1.3 MINOR CHANGES IN THE WORK**

- A. Construction Project Manager will issue supplemental instructions authorizing Minor Changes in the Work, not involving adjustment to the Contract Sum or the Contract Time, on form included following the end of Part 3.

#### **1.4 REQUESTS FOR INFORMATION**

- A. If latent or unforeseen conditions arise that may require changes in the Work, the Contractor may submit a Request for Information to Construction Project Manager on the form included following the end of Part 3.

#### **1.5 PROPOSAL REQUESTS**

- A. City-Initiated Proposal Requests: Construction Project Manager will issue a detailed description of proposed changes in the Work that may require adjustment to the Contract Sum or the Contract Time. If necessary, the description will include supplemental or revised Drawings and Specifications.
  - 1. Proposal Requests issued by Construction Project Manager are not instructions either to stop work in progress or to execute the proposed change.
  - 2. Within ten (10) days, when not otherwise specified after receipt of Proposal Request, submit a quotation estimating cost adjustments to the Contract Sum and the Contract Time necessary to execute the change.
    - a. Include a list of quantities of products required or eliminated and unit costs, with total amount of purchases and credits to be made. If requested, furnish survey data to substantiate quantities.
    - b. Indicate applicable taxes, delivery charges, equipment rental, and amounts of trade discounts.

- c. Include costs of labor and supervision directly attributable to the change.
  - d. Include an updated Contractor's Construction Schedule that indicates the effect of the change, including, but not limited to, changes in activity duration, start and finish times, and activity relationship. Use available total float before requesting an extension of the Contract Time.
  - e. Quotation Form: Use forms acceptable to Construction Project Manager.
- B. Contractor-Initiated Proposals: If latent or changed conditions require modifications to the Contract, Contractor may initiate a claim by submitting a request for a change to Construction Project Manager.
  - 1. Include a statement outlining reasons for the change and the effect of the change on the Work. Provide a complete description of the proposed change. Indicate the effect of the proposed change on the Contract Sum and the Contract Time.
  - 2. Include a list of quantities of products required or eliminated and unit costs, with total amount of purchases and credits to be made. If requested, furnish survey data to substantiate quantities.
  - 3. Indicate applicable taxes, delivery charges, equipment rental, and amounts of trade discounts.
  - 4. Include costs of labor and supervision directly attributable to the change.
  - 5. Include an updated Contractor's Construction Schedule that indicates the effect of the change, including, but not limited to, changes in activity duration, start and finish times, and activity relationship. Use available total float before requesting an extension of the Contract Time.
  - 6. Comply with requirements in Division 01 Section "Substitution Procedures" if the proposed change requires substitution of one product or system for product or system specified.
  - 7. Proposal Request Form: Use forms acceptable to Construction Project Manager.

## **1.6 ADMINISTRATIVE CHANGE ORDERS**

- A. Allowance Adjustment: Refer to Division 01 Section "Allowances" for administrative procedures for preparation of Change Order Proposal for adjusting the Contract Sum to reflect actual costs of allowances.
- B. Unit Price Adjustment: Refer to Division 01 Section "Unit Prices" for administrative procedures for preparation of Change Order Proposal for adjusting the Contract Sum to reflect measured scope of unit price work.

## **1.7 CHANGE ORDER PROCEDURES**

- A. On City's approval of a Proposal Request, Construction Project Manager will issue a Change Order for signature of the Contractor on City's standard form. The Change Order will not be official until approved by the appropriate City Officials and signed by the City Engineer, City Manager and/or Mayor.

## **1.8 CONSTRUCTION CHANGE DIRECTIVE**

- A. Construction Change Directive: Construction Project Manager may issue a Construction Change Directive on AIA Document G714], EJCDC Document C-940 or form acceptable to the Construction Project Manager. Construction Change Directive instructs Contractor to proceed with a change in the Work, for subsequent inclusion in a Change Order.



1. Construction Change Directive contains a complete description of change in Work. It also designates method to be followed to determine change in the Contract Sum or the Contract Time.
- B. Documentation: Maintain detailed records on a time and material basis of work required by the Construction Change Directive.
  1. After completion of change, submit an itemized account and supporting data necessary to substantiate cost and time adjustments to the Contract.

**PART 2 - PRODUCTS (Not Used)**

**PART 3 - EXECUTION (Not Used)**

**END OF SECTION 012600**

## **SECTION 012900 -PAYMENT PROCEDURES**

### **PART 1 - GENERAL**

#### **1.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

#### **1.2 SUMMARY**

- A. This Section specifies administrative and procedural requirements necessary to prepare and process Applications for Payment.
- B. Related Sections include the following:
  - 1. Division 01 Section "Allowances" for procedural requirements governing handling and processing of allowances.
  - 2. Division 01 Section "Contract Modification Procedures" for administrative procedures for handling changes to the Contract.
  - 3. Division 01 Section "Unit Prices" for administrative requirements governing use of unit prices.
  - 4. Division 01 Section "Construction Progress Documentation" for administrative requirements governing preparation and submittal of Contractor's Construction Schedule and Submittals Schedule.
  - 5. Division 01 sustainable design requirements Section for administrative requirements governing submittal of cost breakdown information required for LEED documentation.
- C. BASIS OF PAYMENT - The price for each items shall include the furnishing of all labor, materials, equipment and incidentals required to complete the construction and to repair in a manner satisfactory to the Engineer any and all damage, as a result of work under this contract, done to existing structures, pavement, driveways paved areas, curbs and gutters, sidewalks, shrubbery, grass, trees, utility poles, utility pipe lines, conduits, drains, catch basins, flagstones, rocked, graveled or stabilized areas or driveways and including all above and underground obstructions not specifically named here-in: replacing in a manner satisfactory to the Engineer and or all of the above items which may be damaged beyond repair as a result of work under this contract: performing the work necessary to complete any and all special connections, hangers, supports, bracing, blocking, shoring and patching necessary to complete the contract in a finished workmanlike manner ready for operation.
- D. Retainage: The City shall retain a portion of each partial payment according to the following schedule:
  - 1. The City will retain ten percent (10%) of all monies earned by Contractor until the work is fifty percent (50%) complete.
  - 2. After the work is fifty percent (50%) complete, the City will retain five percent (10%) of all monies earned by Contractor until project is complete and final payment is issued.

### 1.3 DEFINITIONS

- A. Schedule of Values: A statement furnished by Contractor allocating portions of the Contract Sum to various portions of the Work and used as the basis for reviewing Contractor's Applications for Payment.

### 1.4 SCHEDULE OF VALUES

- A. Coordination: Coordinate preparation of the Schedule of Values with preparation of Contractor's Construction Schedule.
1. Correlate line items in the Schedule of Values with other required administrative forms and schedules, including the following:
    - a. City's Form - Periodic Estimate for Partial Payment.
    - b. Submittals Schedule.
    - c. Contractor's Construction Schedule.
  2. Submit the Schedule of Values to City Representative at earliest possible date but no later than **seven (7)** days before the date scheduled for submittal of initial Applications for Payment.
  3. Sub-schedules: Where the Work is separated into phases requiring separately phased payments, provide sub-schedules showing values correlated with each phase of payment.
- B. Format and Content: Use the Project Manual table of contents as a guide to establish line items for the Schedule of Values. Provide at least one line item for each Specification Section.
1. Identification: Include the following Project identification on the Schedule of Values:
    - a. Project name and location.
    - b. Project Number
    - c. Contractor's name and address.
    - d. Date of submittal.
  2. Arrange the Schedule of Values in tabular form with separate columns to indicate the following for each item listed:
    - a. Related Specification Section or Division.
    - b. Description of the Work.
    - c. Name of subcontractor.
    - d. Name of manufacturer or fabricator.
    - e. Name of supplier.
    - f. Change Orders (numbers) that affect value.
    - g. Dollar value.
      - 1) Percentage of the Contract Sum to nearest one-hundredth percent, adjusted to total 100 percent.
  3. Provide a breakdown of the Contract Sum in enough detail to facilitate continued evaluation of Applications for Payment and progress reports. Coordinate with the

Project Manual table of contents. Provide several line items for principal subcontract amounts, where appropriate. **[Include separate line items under required principal subcontracts for operation and maintenance manuals, punch list activities, Project Record Documents, and demonstration and training in the amount of 5 percent of the Contract Sum.]**

- a. Include separate line items under Contractor and principal subcontracts for LEED Documentation and other requirements as required. Project closeout requirements in an amount totaling no more than **five (5%) percent** of the Contract Sum and subcontract amount.
4. Round amounts to nearest whole dollar; total shall equal the Contract Sum.
5. Provide a separate line item in the Schedule of Values for each part of the Work where Applications for Payment may include materials or equipment purchased or fabricated and stored, but not yet installed.
  - a. Differentiate between items stored on-site and items stored off-site. If specified, include evidence of insurance or bonded warehousing.
6. Provide separate line items in the Schedule of Values for initial cost of materials, for each subsequent stage of completion, and for total installed value of that part of the Work.
7. Allowances: Provide a separate line item in the Schedule of Values for each allowance. Show line-item value of unit-cost allowances, as a product of the unit cost, multiplied by measured quantity. Use information indicated in the Contract Documents to determine quantities.
8. Each item in the Schedule of Values and Applications for Payment shall be complete. Include total cost and proportionate share of general overhead and profit for each item.
  - a. Temporary facilities and other major cost items that are not direct cost of actual work-in-place may be shown either as separate line items in the Schedule of Values or distributed as General Conditions expense, at Contractor's option.
9. Schedule Updating: Update and resubmit the Schedule of Values before the next Applications for Payment when Change Orders or Construction Change Directives result in a change in the Contract Sum.

## **1.5 APPLICATIONS FOR PAYMENT**

- A. The General Contractor must meet with the City Representative on or about the 25th of each month. The City Representative will go over the pay items and agree on the quantities and the dollar amounts of the work completed during the month. A copy of the agreed amounts will be signed by the parties and a copy will be left with each representative.
- B. The General Contractor will make up a partial pay request using the City-supplied forms and submit the request to the City Representative before the first of the upcoming month.

- C. Each pay request must be accompanied by an updated project schedule. The schedule must show the originally accepted construction schedule and milestone and the current percentage complete for each using a gphant chart format. A vertical red line should indicate that progress date. The project's critical path should be clearly indicated by red bars. Any approved change orders should be reflected in the schedule.
- D. Each pay request must be accompanied by a partial release of lien by the General Contractor and by all Subcontractors, suppliers, and for all labor, as outlined below.
  - 1. Starting with the second (2nd) pay request and for each and every pay request thereafter, the General Contractor shall submit partial release of liens from all Subcontractors, suppliers, and laborers covering the preceding month's request (SEE FOLLOWING EXAMPLE).
  - 2. EXAMPLE: In the first (1st) pay request, payment is requested by General Contractor for the asbestos contractor and the electrician. The General Contractor must attach his partial release of lien.
  - 3. For the second (2nd) pay request, the General Contractor must attach his partial release of lien from the asbestos contractor and the electrician for the amounts billed in the 1st pay request; i.e., the General Contractor will be running one (1) month behind with the releases from the Subcontractors, suppliers, etc., until the final pay request.
- E. For the final pay request, the General Contractor will be required to submit FINAL release of liens for ALL Subcontractors, suppliers, etc., and for ALL labor BEFORE FINAL PAYMENT WILL BE MADE.
- F. No partial payments, after the first payment, will be made until all partial release of liens are submitted for the preceding month's billing, as described
- G. Each Application for Payment shall be consistent with previous applications and payments as certified by and paid for by City.
- H. Payment Application Forms: Use City Form "PERIODIC ESTIMATE FOR PARTIAL PAYMENT" as form for Applications for Payment.
  - 1. Application Preparation: Complete every entry on form. Notarize and execute by a person authorized to sign legal documents on behalf of Contractor. City will return incomplete applications without action.
  - 2. Entries shall match data on the Schedule of Values and Contractor's Construction Schedule. Use updated schedules if revisions were made.
  - 3. Include amounts of Change Orders and Construction Change Directives issued before last day of construction period covered by application.
- I. Release of Lien: With each Application for Payment, submit release of lien from every entity lawfully entitled to file a mechanic's lien arising out of the Contract and related to the Work covered by the payment.
  - 1. Submit partial release of lien on each item for amount requested in previous application, after deduction for retainage, on each item.
  - 2. When an application shows completion of an item, submit final release of lien.
  - 3. City reserves the right to designate which entities involved in the Work must submit release of lien forms.

J. Initial Application for Payment: Administrative actions and submittals that must precede or coincide with submittal of first Application for Payment include the following:

1. List of subcontractors.
2. Schedule of Values.
3. LEED submittal for project materials cost data.
4. Contractor's Construction Schedule (preliminary if not final).
5. Products list.
6. LEED action plans.
7. Schedule of unit prices.
8. Submittals Schedule (preliminary if not final).
9. List of Contractor's staff assignments.
10. List of Contractor's principal consultants.
11. Copies of building permits.
12. Copies of authorizations and licenses from authorities having jurisdiction for performance of the Work.
13. Initial progress report.
14. Report of preconstruction conference.
15. Certificates of insurance and insurance policies.
16. Performance and payment bonds.
17. Data needed to acquire City's insurance.
18. Initial settlement survey and damage report if required.

K. City may withhold, in whole or in part, payment to such extent as may be necessary to protect itself from loss on account of:

1. Defective Work not remedied.
2. Claims filed or reasonable evidence indicating probable filing of claims by other parties against Contractor or City because of Contractor's performance.
3. Failure of Contractor to make payments properly to Subcontractors or for material or labor.
4. Damage to another contractor not remedied.
5. Liquidated damages and costs incurred by City and/or Consultant for extended construction administration.
6. Failure of Contractor to provide any and all documents required by the Contract Documents.

L. No partial payment estimate will be processed for any contract which is beyond the contract completion date. After a contract runs past the completion date, only a final payment will be made when all work is complete.

M. Final Payment Application: Submit final Application for Payment with releases and supporting documentation not previously submitted and accepted, including, but not limited, to the following:

1. Evidence of completion of Project closeout requirements.
2. Insurance certificates for products and completed operations where required and proof that taxes, fees, and similar obligations were paid.
3. Updated final statement, accounting for final changes to the Contract Sum.
4. Evidence that claims have been settled.

5. Final meter readings for utilities, a measured record of stored fuel, and similar data as of date of Substantial Completion or when City took possession of and assumed responsibility for corresponding elements of the Work.
  6. Final, liquidated damages settlement statement.
- N. The acceptance of final payment shall constitute a waiver of all claims by contractor, except those previously made in strict accordance with the provisions of the Contract and identified by Contractor as unsettled at the time of the application for final payment.
- O. If evidence is produced before the final settlement of all or any balance, that the party of the second part has failed to pay to laborers, employed on this work, or failed to pay for the materials used therein, or if the City has reason to suspect the same, the City may withhold such balance and, upon written evidence satisfactory to the City as to the amount due for such labor and materials, settle and pay for the same and charge the amounts to the party of the second part and deduct the same from said balance or balances.

**PART 2 - PRODUCTS (Not Used)**

**PART 3 - EXECUTION (Not Used)**

**END OF SECTION 012900**

**SECTION 013100  
PROJECT MANAGEMENT AND COORDINATION**

**PART 1 - GENERAL**

**1.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

**1.2 SUMMARY**

- A. This Section includes administrative provisions for coordinating construction operations on Project including, but not limited to, the following:
1. Coordination Drawings.
  2. Submittals
  3. Special Project Procedures
  4. Administrative and supervisory personnel.
  5. Project meetings.
  6. Requests for Interpretation (RFIs).
  7. Use of Oracle Unifier Project Management System
- B. Each contractor shall participate in coordination requirements. Certain areas of responsibility will be assigned to a specific contractor.
- C. Related Sections include the following:
1. Division 01 Section "Summary of Multiple Contracts" for a description of the division of Work among separate contracts and responsibility for coordination activities not in this Section.
  2. Division 01 Section "Construction Progress Documentation" for preparing and submitting Contractor's Construction Schedule.
  3. Division 01 Section "Execution Requirements" for procedures for coordinating general installation and field-engineering services, including establishment of benchmarks and control points.
  4. Division 01 Section "Closeout Procedures" for coordinating closeout of the Contract.
  5. Division 01 Section "General Commissioning Requirements" for coordinating the Work with Owner's Commissioning Authority.

**1.3 DEFINITIONS**

- A. RFI: Request from Contractor seeking interpretation or clarification of the Contract Documents.

**1.4 COORDINATION**

- A. Coordination: Coordinate construction operations included in different Sections of the Specifications to ensure efficient and orderly installation of each part of the Work.



Coordinate construction operations, included in different Sections that depend on each other for proper installation, connection, and operation.

- B. Coordination: Each contractor shall coordinate its construction operations with those of other contractors and entities to ensure efficient and orderly installation of each part of the Work. Each contractor shall coordinate its operations with operations, included in different Sections that depend on each other for proper installation, connection, and operation.
  - 1. Schedule construction operations in sequence required to obtain the best results where installation of one part of the Work depends on installation of other components, before or after its own installation.
  - 2. Coordinate installation of different components with other contractors to ensure maximum accessibility for required maintenance, service, and repair.
  - 3. Make adequate provisions to accommodate items scheduled for later installation.
  - 4. Where availability of space is limited, coordinate installation of different components to ensure maximum performance and accessibility for required maintenance, service, and repair of all components, including mechanical and electrical.
- C. Prepare memoranda for distribution to each party involved, outlining special procedures required for coordination. Include such items as required notices, reports, and list of attendees at meetings.
  - 1. Prepare similar memoranda for City and separate contractors if coordination of their Work is required.
- D. Administrative Procedures: Coordinate scheduling and timing of required administrative procedures with other construction activities and activities of other contractors to avoid conflicts and to ensure orderly progress of the Work. Such administrative activities include, but are not limited to, the following:
  - 1. Preparation of Contractor's Construction Schedule.
  - 2. Preparation of the Schedule of Values.
  - 3. Installation and removal of temporary facilities and controls.
  - 4. Delivery and processing of submittals.
  - 5. Progress meetings.
  - 6. Pre-installation conferences.
  - 7. Project closeout activities.
  - 8. Startup and adjustment of systems.
  - 9. Project closeout activities.

## **1.5 SUBMITTALS**

- A. Coordination Drawings: Prepare Coordination Drawings if limited space availability necessitates maximum utilization of space for efficient installation of different components or if coordination is required for installation of products and materials fabricated by separate entities.
  - 1. Content: Project-specific information, drawn accurately to scale. Do not base Coordination Drawings on reproductions of the Contract Documents or standard printed data. Include the following information, as applicable:

- a. Indicate functional and spatial relationships of components of architectural, structural, civil, mechanical, and electrical systems.
    - b. Indicate required installation sequences.
    - c. Indicate dimensions shown on the Contract Drawings and make specific note of dimensions that appear to be in conflict with submitted equipment and minimum clearance requirements. Provide alternate sketches to Construction Project Manager for resolution of such conflicts. Minor dimension changes and difficult installations will not be considered changes to the Contract.
  2. Sheet Size: At least 8-1/2 by 11 inches (215 by 280 mm) but no larger than 24 by 36 inches (750 by 1000 mm).
  3. Number of Copies: Submit two opaque copies of each submittal. Construction Project Manager will return one copy.
    - a. Submit five copies where Coordination Drawings are required for operation and maintenance manuals. Construction Project Manager will retain two copies; remainder will be returned. Mark up and retain one returned copy as a Project Record Drawing.
  4. Refer to individual Sections for Coordination Drawing requirements for Work in those Sections.
- B. Subcontract List: Prepare a written summary identifying individuals or firms proposed for each portion of the Work, including those who are to furnish products or equipment fabricated to a special design.[ **Use CSI Form 1.5A.**] Include the following information in tabular form:
1. Name, address, and telephone number of entity performing subcontract or supplying products.
  2. Number and title of related Specification Section(s) covered by subcontract.
- C. Key Personnel Names: Within 10 days of contract award, submit a list of key personnel assignments, including superintendent and other personnel in attendance at Project site. Identify individuals and their duties and responsibilities; list addresses and telephone numbers, including home and office telephone numbers. Provide names, addresses, and telephone numbers of individuals assigned as standbys in the absence of individuals assigned to Project.
1. Post copies of list in Project meeting room, in temporary field office, and by each temporary telephone. Keep list current at all times.

## 1.6 SPECIAL PROJECT PROCEDURES

- A. Discrepancies, Errors: Should discrepancies or errors appear in the drawings or specifications concerning materials, workmanship, or quantity of work to be performed, the Contractor will be required to immediately notify the City before proceeding with the work. If the Contractor fails to notify the City and proceeds with the work, Contractor will be required to correct the errors at his/her own expense. In the event of a conflict between the drawings

and specifications, the City will decide on the way to perform the work or supply the materials. See also General Conditions, "Contractor to Check Plans and Data," Section GC-10

- B. Dimensions and Measurements: The figured dimensions on the drawings or notes including dimensions shall be used for construction instead of measurements of the drawings by scale. No scale measurements shall be used as a dimension for construction. Dimensions on all drawings as well as the detail drawings themselves are subject in every case to measurements of adjacent or previously completed work. All such measurements necessary shall be taken before undertaking any work dependent upon such data. Field verification of dimensions on plans is mandatory since actual locations, distances, and levels will be governed by actual field conditions.
- C. Discrepancies or Inconsistencies: Should any discrepancy or inconsistency appear between larger and smaller scale drawings in any of the divisions of the specifications or in any of the contract documents, such discrepancy shall be immediately submitted to the City for correction before proceeding with the work in question. In no case shall the Contractor make any alterations, erasures, changes or modifications in the drawings or specifications.
  - 1. Should it appear that any of the work as specified or shown by the drawings is not sufficiently detailed or explained, the Contractor shall apply to the City for such further details or information as may be necessary for full understanding of the work in question.
  - 2. The data set forth in these specifications and indicated on the drawings are as accurate as can be obtained, but their extreme accuracy is not guaranteed. Final application thereto shall be determined on the job as conditions may demand and subject to the approval of the City.
- D. Plans and Specifications Acknowledgment by Subcontractors and Suppliers: All Subcontractors and suppliers must submit, through the General Contractor to the City Engineer, a statement on their individual letterhead stationery, signed and sealed with their corporate seal, or a notarized statement on their letterhead stationery in the absence of a corporate seal, that the individual Subcontractor or Supplier:
  - 1. Has received or reviewed a FULL set of approved plans and specifications for the project,
  - 2. Is aware that items concerning their particular trade may be shown and/or detailed in other trades or sections of the plans and specifications, and
  - 3. Will comply with said plans, specifications and all applicable codes and permit requirements.
- E. In the event a Subcontractor or Supplier notes a mistake or details appear incomplete, or if there are questions or concerns with the plans and specifications, the Subcontractor or Supplier will immediately notify the General Contractor. No work will proceed until such conflicts or questions are resolved in writing.
- F. The Subcontractor will not be permitted to start work, nor will any Shop drawings/submittals be accepted for review from a supplier until this letter of acknowledgment is received and approved by the General Contractor and City Engineer. Also, the City will not process any pay request for the work of any Subcontractor or Supplier whose acknowledgment letter is not on file with the City.

## 1.7 ADMINISTRATIVE AND SUPERVISORY PERSONNEL

- A. The Contractor shall employ a competent superintendent who can communicate with spoken English, and who shall be in attendance at the site full-time when any work is in progress. The superintendent shall be satisfactory to the City's Engineer and shall not be changed except with the consent of the City's Engineer.
- B. General: In addition to Project superintendent, provide other administrative and supervisory personnel as required for proper performance of the Work.
  - 1. Include special personnel required for coordination of operations with other contractors.

## 1.8 PROJECT MEETINGS

- A. General: Schedule and conduct meetings and conferences at Project site, unless otherwise indicated.
  - 1. Attendees: Inform participants and others involved, and individuals whose presence is required, of date and time of each meeting. Notify Construction Project Manager of scheduled meeting dates and times.
  - 2. Agenda: Prepare the meeting agenda. Distribute the agenda to all invited attendees.
  - 3. Minutes: Record significant discussions and agreements achieved. Distribute the meeting minutes to everyone concerned, including Construction Project Manager, within 48 hours of the completion of the meeting.
    - a. Minutes from all meetings shall be prepared by the Contractor, reflecting all items discussed as well as agreed upon or suggested solutions. These minutes shall be a true reflection of what actually happened at the meeting.
    - b. Items discussed and not resolved or being handled by any one of the parties present shall be reflected along with the name of the person responsible in all ongoing minutes until it is resolved.
    - c. Minutes shall be typewritten within 24 hours from the completion of the meeting. They shall immediately be delivered electronically to all parties present and followed by a copy through the mail to the Construction Project Manager.
    - d. All items requiring information and not resolved shall be reflected in each and every set of minutes thereafter until it is totally resolved
- B. Initialization Meeting: Within ten (10) days of notification of contract award, the Contractor, the Construction Project Manager, the Designer of Record, and other assigned City's staff shall meet. The purpose of this meeting will be to quantify and clarify all items that must be presented by the Contractor at the Preconstruction meeting. The Contractor shall submit a schedule of values for the Project at this meeting for review by the City. The City's comments will be presented to the Contractor at the pre-construction meeting.
- C. Preconstruction Meeting: After the contract(s) has been awarded, executed, and a tentative work schedule has been composed, and prior to the start of the work, the Contractor(s), the Construction Project Manager, the City's Representative, and other persons and/or governmental agencies that are involved shall meet. The minimum agenda is to include but is not limited to the following:
  - 1. Distribute and discuss list of major Subcontractors

2. Tentative construction schedule
  3. Phasing
  4. Critical work sequencing and long-lead items
  5. Relation and coordination of Prime Contractor
  6. Designation of key personnel and their duties
  7. Procedures for processing field decisions and Change Orders
  8. Procedures for RFIs
  9. Procedures for testing and inspecting
  10. Adequacy of distribution of contract documents
  11. Submittal of Shop drawings, project data, and samples
  12. LEED requirements
  13. Procedures for maintaining Record documents
  14. Use of premises[ **and existing building**]
  15. Protection of existing construction including landscape materials
  16. Work restrictions
  17. City's occupancy requirements
  18. Responsibility for temporary facilities and controls
  19. Procedures for moisture and mold control.
  20. Procedures for disruptions and shutdowns.
  21. Major equipment deliveries and priorities
  22. Construction waste management and recycling
  23. Parking availability
  24. Office, work and storage areas.
  25. Working hours
  26. Safety and first-aid procedures
  27. Security procedures
  28. Housekeeping procedures including progress cleaning.
  29. Schedule of values.
  30. Processing of payments or contract.
- D. LEED Coordination Conference: City will schedule and conduct a LEED coordination conference before starting construction, at a time convenient to City, Construction Project Manager, Consultants and Contractor.
1. Attendees: Authorized representatives of City, City's Commissioning Authority, Construction Project Manager, and their consultants; Contractor and its superintendent and LEED coordinator; major subcontractors; suppliers; and other concerned parties shall attend the conference. Participants at the conference shall be familiar with Project and authorized to conclude matters relating to the Work.
  2. Agenda: Discuss items of significance that could affect meeting requirements for LEED certification, including the following:
    - LEED Project Checklist.
    - General requirements for LEED-related procurement and documentation.
    - Project closeout requirements and LEED certification procedures.
    - Role of LEED coordinator.
    - Construction waste management.
    - Construction operations and LEED requirements and restrictions.
  3. Minutes: Entity responsible for conducting meeting will record and distribute meeting minutes.

- E. Pre-installation Conferences: Conduct a pre-installation conference at Project site a minimum of two (2) days before each construction activity identified on the approved construction schedule.
1. Attendees: Installer and representatives of manufacturers and fabricators involved in or affected by the installation and its coordination or integration with other materials and installations that have preceded or will follow, shall attend the meeting. Advise Construction Project Manager of scheduled meeting dates.
  2. Agenda: Review progress of other construction activities and preparations for the particular activity under consideration, including requirements for the following:
    - a. The Contract Documents.
    - b. Options.
    - c. Related RFIs.
    - d. Related Change Orders.
    - e. Purchases.
    - f. Deliveries.
    - g. Submittals.
    - h. LEED Requirements.
    - i. Review of mockups.
    - j. Possible conflicts.
    - k. Compatibility problems.
    - l. Time schedules.
    - m. Weather limitations.
    - n. Manufacturer's written recommendations.
    - o. Warranty requirements.
    - p. Compatibility of materials.
    - q. Acceptability of substrates.
    - r. Temporary facilities and controls.
    - s. Space and access limitations.
    - t. Regulations of authorities having jurisdiction.
    - u. Testing and inspecting requirements.
    - v. Installation procedures.
    - w. Coordination with other work.
    - x. Required performance results.
    - y. Protection of adjacent work.
    - z. Protection of construction and personnel.
  3. Record significant conference discussions, agreements, and disagreements, including required corrective measures and actions.
  4. Reporting: The Contractor shall compile and distribute minutes of the meeting to each party present and to parties who should have been present.
  5. Do not proceed with installation if the conference cannot be successfully concluded. Initiate whatever actions are necessary to resolve impediments to performance of the Work and reconvene the conference at earliest feasible date.
- F. Progress Meetings: Conduct progress meetings at **[biweekly]** <Insert appropriate interval> intervals. Coordinate dates of meetings with preparation of payment requests.
1. Attendees: In addition to representatives of City and the Construction Project

Manager, each contractor, subcontractor, supplier, and other entity concerned with current progress or involved in planning, coordination, or performance of future activities shall be represented at these meetings. All participants at the conference shall be familiar with Project and authorized to conclude matters relating to the Work.

2. Agenda: Review and correct or approve minutes of previous progress meeting. Review other items of significance that could affect progress. Include topics for discussion as appropriate to status of Project.
  - a. Review and approve minutes of previous Progress Meeting.
  - b. Contractor's Construction Schedule: Review progress since the last meeting. Determine whether each activity is on time, ahead of schedule, or behind schedule, in relation to Contractor's Construction Schedule. Determine how construction behind schedule will be expedited; secure commitments from parties involved to do so. Discuss whether schedule revisions are required to ensure that current and subsequent activities will be completed within the Contract Time.
    - 1) Review schedule for next period.
  - c. Review present and future needs of each entity present, including the following:
    - 1) Interface requirements.
    - 2) Sequence of operations.
    - 3) Status of submittals.
    - 4) Deliveries.
    - 5) Off-site fabrication.
    - 6) Access.
    - 7) Site utilization.
    - 8) Temporary facilities and controls.
    - 9) Work hours.
    - 10) Hazards and risks.
    - 11) Progress cleaning.
    - 12) Quality and work standards.
    - 13) Status of correction of deficient items.
    - 14) Field observations.
    - 15) RFIs.
    - 16) Status of proposal requests.
    - 17) Pending changes.
    - 18) Status of Change Orders.
    - 19) Pending claims and disputes.
    - 20) Documentation of information for payment requests.
3. Minutes: General Contractor shall record the meeting minutes. These minutes shall indicate all items discussed as well as agreed upon or suggested solutions. They shall be a true reflection of what occurred at the meeting.
4. Reporting: Within 24 hours, distribute minutes of the meeting by electronic means to each party present and to parties who should have been present.
  - a. Schedule Updating: Revise Contractor's Construction Schedule after each

progress meeting where revisions to the schedule have been made or recognized. Issue revised schedule concurrently with the report of each meeting.

- G. Coordination Meetings: Conduct Project coordination meetings at **[weekly] [biweekly] [monthly] [regular] <Insert appropriate interval>** intervals. Project coordination meetings are in addition to specific meetings held for other purposes, such as progress meetings and pre-installation conferences.
1. Attendees: In addition to representatives of City and the Construction Project Manager, each contractor, subcontractor, supplier, and other entity concerned with current progress or involved in planning, coordination, or performance of future activities shall be represented at these meetings. All participants at the conference shall be familiar with Project and authorized to conclude matters relating to the Work.
  2. Agenda: Review and correct or approve minutes of the previous coordination meeting. Review other items of significance that could affect progress. Include topics for discussion as appropriate to status of Project.
    - a. Combined Contractor's Construction Schedule: Review progress since the last coordination meeting. Determine whether each contract is on time, ahead of schedule, or behind schedule, in relation to Combined Contractor's Construction Schedule. Determine how construction behind schedule will be expedited; secure commitments from parties involved to do so. Discuss whether schedule revisions are required to ensure that current and subsequent activities will be completed within the Contract Time.
    - b. Schedule Updating: Revise Combined Contractor's Construction Schedule after each coordination meeting where revisions to the schedule have been made or recognized. Issue revised schedule concurrently with report of each meeting.
    - c. Review present and future needs of each contractor present, including the following:
      - 1) Interface requirements.
      - 2) Sequence of operations.
      - 3) Status of submittals.
      - 4) Deliveries.
      - 5) Off-site fabrication.
      - 5) Access.
      - 6) Site utilization.
      - 7) Temporary facilities and controls.
      - 8) Work hours.
      - 9) Hazards and risks.
      - 10) Progress cleaning.
      - 11) Quality and work standards.
      - 12) Change Orders.
  3. Reporting: Record meeting results and distribute copies to everyone in attendance and to others affected by decisions or actions resulting from each meeting.
- H. Project Closeout Conference: City shall Schedule and conduct a project closeout conference, at a time convenient to City and Construction Project Manager, but no later than



**30** days prior to the scheduled date of Substantial Completion.

1. Conduct the conference to review requirements and responsibilities related to Project closeout.
2. Attendees: Authorized representatives of City, City's Commissioning Authority, Construction Project Manager, and their consultants; Contractor and its superintendent; major subcontractors; suppliers; and other concerned parties shall attend the meeting. Participants at the meeting shall be familiar with Project and authorized to conclude matters relating to the Work.
3. Agenda: Discuss items of significance that could affect or delay Project closeout, including the following:
  - a. Preparation of record documents.
  - b. Procedures required prior to inspection for Substantial Completion and for final inspection for acceptance.
  - c. Submittal of written warranties.
  - d. Requirements for completing [LEED] **[sustainable design]** documentation.
  - e. Requirements for preparing operations and maintenance data.
  - f. Requirements for delivery of material samples, attic stock, and spare parts.
  - g. Requirements for demonstration and training.
  - h. Preparation of Contractor's punch list.
  - i. Procedures for processing Applications for Payment at Substantial Completion and for final payment.
  - j. Submittal procedures.
  - k. Coordination of separate contracts.
  - l. Owner's partial occupancy requirements.
  - m. Installation of Owner's furniture, fixtures, and equipment.
  - n. Responsibility for removing temporary facilities and controls.
4. Minutes: Entity conducting meeting will record and distribute meeting minutes.

#### **1.9 REQUESTS FOR INTERPRETATION (RFIs)**

- A. Procedure: Immediately on discovery of the need for interpretation of the Contract Documents, and if not possible to request interpretation at Project meeting, prepare and submit an RFI in the form specified.
  1. RFIs shall originate with Contractor. RFIs submitted by entities other than Contractor will be returned with no response.
  2. Coordinate and submit RFIs in a prompt manner so as to avoid delays in Contractor's work or work of subcontractors.
- B. Content of the RFI: Include a detailed, legible description of item needing interpretation and the following:
  1. City Project Number
  2. City Project Name.
  3. Date.

4. Name of Contractor.
  5. RFI number, numbered sequentially.
  6. Specification Section number and title and related paragraphs, as appropriate.
  7. Drawing number and detail references, as appropriate.
  8. Field dimensions and conditions, as appropriate.
  9. Contractor's suggested solution(s). If Contractor's solution(s) impact the Contract Time or the Contract Sum, Contractor shall state impact in the RFI.
  10. Contractor's signature.
  11. Attachments: Include drawings, descriptions, measurements, photos, Product Data, Shop Drawings, and other information necessary to fully describe items needing interpretation.
    - a. Supplementary drawings prepared by Contractor shall include dimensions, thicknesses, structural grid references, and details of affected materials, assemblies, and attachments.
- C. Hard-Copy RFIs: Form at end of this Section.
1. Identify each page of attachments with the RFI number and sequential page number.
- D. Software-Generated RFIs: Software-generated form with substantially the same content as indicated above. Word Template is available upon request from the City Engineer's Office.
1. Attachments shall be electronic files in Adobe Acrobat PDF format.
- E. Construction Project Manager's Action: Construction Project Manager will review each RFI, determine action required, and return it. Allow seven days for Construction Project Manager's response for each RFI. RFIs received after 1:00 p.m. will be considered as received the following working day.
1. The following RFIs will be returned without action:
    - a. Requests for approval of submittals.
    - b. Requests for approval of substitutions.
    - c. Requests for coordination information already indicated in the Contract Documents.
    - d. Requests for adjustments in the Contract Time or the Contract Sum.
    - e. Requests for interpretation of Construction Project Manager's actions on submittals.
    - f. Incomplete RFIs or RFIs with numerous errors.
  2. Construction Project Manager's action may include a request for additional information, in which case Construction Project Manager's time for response will start again.
  3. Construction Project Manager's action on RFIs that may result in a change to the Contract Time or the Contract Sum may be eligible for Contractor to submit Change Proposal according to Section 012600 "Contract Modification Procedures."
    - a. If Contractor believes the RFI response warrants change in the Contract Time or the Contract Sum, notify Construction Project Manager in writing within 10 days of receipt of the RFI response.

- F. On receipt of Construction Project Manager's action, update the RFI log and immediately distribute the RFI response to affected parties. Review response and notify Construction Manager within seven days if Contractor disagrees with response.
- G. RFI Log: Prepare, maintain, and submit a tabular log of RFIs organized by the RFI number. Submit log bi-weekly. Include the following:
  - 1. Project name.
  - 2. Name and address of Contractor.
  - 3. RFI number including RFIs that were dropped and not submitted.
  - 4. RFI description.
  - 5. Date the RFI was submitted.
  - 6. Date Construction Project Manager's response was received.
  - 7. Identification of related Minor Change in the Work, Construction Change Directive, and Proposal Request, as appropriate.
  - 8. Identification of related Field Order, Work Change Directive, and Proposal Request, as appropriate.

#### **1.10 USE OF ORACLE UNIFIER PROJECT MANAGEMENT SYSTEM**

- A. General: Contractors will purchase, at a minimum, one (1) user license for Oracle Unifier. This cost of this license accounted for in accordance with Section 012100 Allowances. The Construction Project Manager will coordinate the use of this license by the contractor by assigning project user rights within the City's Unifier System.
- B. Procedure: Upon obtaining license, the Contractor shall provide the license information to the Construction Project Manager. The Construction Project Manager will provide access to project level information and the City will provide introductory training to the Contractor.
  - 1. All Submittals, RFIs, and project related correspondence will be provided through the Unifier System.
  - 2. Upon completion of the project, the license will revert to the City, unless it is deemed advantageous to the City to allow the Contractor to use the license on another contract.

#### **PART 2 - PRODUCTS (Not Used)**

#### **PART 3 - EXECUTION (Not Used)**

#### **END OF SECTION 013100**

## **SECTION 017700 - CLOSEOUT PROCEDURES**

### **PART 1 - GENERAL**

#### **1.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

#### **1.2 SUMMARY**

- A. Section includes administrative and procedural requirements for contract closeout, including, but not limited to, the following:
  - 1. Substantial Completion procedures.
  - 2. Final completion procedures.
  - 3. Warranties.
  - 4. Final cleaning.
  - 5. Repair of the Work.
- B. Related Sections include the following:
  - 1. Division 01 Section "Payment Procedures" for requirements for Applications for Payment for Substantial and Final Completion.
  - 2. Division 01 Section "Photographic Documentation" for submitting Final Completion construction photographs and negatives.
  - 3. Division 01 Section "Execution Requirements" for progress cleaning of Project site.
  - 4. Division 01 Section "Project Record Documents" for submitting Record Drawings, Record Specifications, and Record Product Data.
  - 5. Division 01 Section "Operation and Maintenance Data" for operation and maintenance manual requirements.
  - 6. Division 01 Section "Demonstration and Training" for requirements for instructing City's personnel.
  - 7. Divisions 02 through 33 Sections for specific closeout and special cleaning requirements for the Work in those Sections.

#### **1.3 ACTION SUBMITTALS**

- A. Product Data: For cleaning agents.
- B. Contractor's List of Incomplete Items: Initial submittal at Substantial Completion.
- C. Certified List of Incomplete Items: Final submittal at Final Completion.

#### **1.4 CLOSEOUT SUBMITTALS**

- A. Certificates of Release: From authorities having jurisdiction.
- B. Certificate of Insurance: For continuing coverage.

- C. Field Report: For pest control inspection.

## **1.5 MAINTENANCE MATERIAL SUBMITTALS**

- A. Schedule of Maintenance Material Items: For maintenance material submittal items specified in other Sections.

## **1.6 SUBSTANTIAL COMPLETION PROCEDURES**

- A. Contractor's List of Incomplete Items: Prepare and submit a list of items to be completed and corrected (Contractor's punch list), indicating the value of each item on the list and reasons why the Work is incomplete.
- B. Submittals Prior to Substantial Completion: Complete the following a minimum of **ten (10)** days prior to requesting inspection for determining date of Substantial Completion. List items below that are incomplete at time of request.

1. Certificates of Release: Obtain and submit releases from authorities having jurisdiction permitting Owner unrestricted use of the Work and access to services and utilities. Include occupancy permits, operating certificates, and similar releases.
2. Submit closeout submittals specified in other Division 01 Sections, including project record documents, operation and maintenance manuals, final completion construction photographic documentation, damage or settlement surveys, property surveys, and similar final record information.
3. Submit closeout submittals specified in individual Divisions 02 through 33 Sections, including specific warranties, workmanship bonds, maintenance service agreements, final certifications, and similar documents.
4. Submit maintenance material submittals specified in individual Divisions 02 through 33 Sections, including tools, spare parts, extra materials, and similar items, and deliver to location designated by Architect. Label with manufacturer's name and model number where applicable.
  - a. Schedule of Maintenance Material Items: Prepare and submit schedule of maintenance material submittal items, including name and quantity of each item and name and number of related Specification Section. Obtain Architect's signature for receipt of submittals.
5. Submit test/adjust/balance records.
6. Submit sustainable design submittals required in Division 01 sustainable design requirements Section and in individual Division 02 through 33 Sections.
7. Submit changeover information related to Owner's occupancy, use, operation, and maintenance.

- C. Procedures Prior to Substantial Completion: Complete the following a minimum of **ten (10)** days prior to requesting inspection for determining date of Substantial Completion. List items below that are incomplete at time of request.

1. Advise Owner of pending insurance changeover requirements.
2. Make final changeover of permanent locks and deliver keys to Owner. Advise Owner's personnel of changeover in security provisions.
3. Complete startup and testing of systems and equipment.

4. Perform preventive maintenance on equipment used prior to Substantial Completion.
5. Instruct Owner's personnel in operation, adjustment, and maintenance of products, equipment, and systems. Submit demonstration and training video recordings specified in Division 01 Section "Demonstration and Training."
6. Advise Owner of changeover in heat and other utilities.
7. Participate with Owner in conducting inspection and walkthrough with local emergency responders.
8. Terminate and remove temporary facilities from Project site, along with mockups, construction tools, and similar elements.
9. Complete final cleaning requirements, including touchup painting.
10. Touch up and otherwise repair and restore marred exposed finishes to eliminate visual defects.

D. Inspection: Submit a written request for inspection to determine Substantial Completion a minimum of **ten (10)** days prior to date the work will be completed and ready for final inspection and tests. On receipt of request, Construction Project Manager will either proceed with inspection or notify Contractor of unfulfilled requirements. Construction Project Manager will prepare the Certificate of Substantial Completion after inspection or will notify Contractor of items, either on Contractor's list or additional items identified by Architect, that must be completed or corrected before certificate will be issued.

1. Re-inspection: Request re-inspection when the Work identified in previous inspections as incomplete is completed or corrected.
2. Results of completed inspection will form the basis of requirements for final completion.

## 1.7 FINAL COMPLETION PROCEDURES

A. Submittals Prior to Final Completion: Before requesting final inspection for determining final completion, complete the following:

1. Submit a final Application for Payment according to Division 01 Section "Payment Procedures."
2. Certified List of Incomplete Items: Submit certified copy of Architect's Substantial Completion inspection list of items to be completed or corrected (punch list), endorsed and dated by Architect. Certified copy of the list shall state that each item has been completed or otherwise resolved for acceptance.
3. Certificate of Insurance: Submit evidence of final, continuing insurance coverage complying with insurance requirements.
4. Submit pest-control final inspection report.

B. Inspection: Submit a written request for final inspection to determine acceptance a minimum of **ten (10)** days prior to date the work will be completed and ready for final inspection and tests. On receipt of request, Construction Project Manager will either proceed with inspection or notify Contractor of unfulfilled requirements. Construction Project Manager will prepare a final Certificate for Payment after inspection or will notify Contractor of construction that must be completed or corrected before certificate will be issued.

1. Re-inspection: Request re-inspection when the Work identified in previous inspections as incomplete is completed or corrected.

## 1.8 LIST OF INCOMPLETE ITEMS (PUNCH LIST)

- A. Organization of List: Include name and identification of each space and area affected by construction operations for incomplete items and items needing correction including, if necessary, areas disturbed by Contractor that are outside the limits of construction.
1. Organize list of spaces in sequential order, **starting with exterior areas first and proceeding from lowest floor to highest floor.**
  2. Organize items applying to each space by major element, including categories for ceiling, individual walls, floors, equipment, and building systems.
  3. Include the following information at the top of each page:
    - a. Project number and name.
    - b. Date.
    - c. Name of Architect
    - d. Name of Contractor.
    - e. Page number.
  4. Retain and revise one of four subparagraphs below if default submittal format in Division 01 Section "Submittals Procedures" is not appropriate. Due to nature of punch list process, electronic worksheet software is often preferred file type. Submit list of incomplete items in the following format:
    - a. City of Fort Lauderdale Punch List Inspection Form
    - b. MS Excel electronic file. Construction Project Manager will return annotated file.
    - c. PDF electronic file. Construction Project Manager will return annotated file.
    - d. Three (3) paper copies. Construction Project Manager will return two (2) copies.

## 1.9 SUBMITTAL OF PROJECT WARRANTIES

- A. Time of Submittal: Submit written warranties on request of Construction Project Manager for designated portions of the Work where commencement of warranties other than date of Substantial Completion is indicated, or when delay in submittal of warranties might limit Owner's rights under warranty.
- B. Partial Occupancy: Submit properly executed warranties within fifteen (15) days of completion of designated portions of the Work that are completed and occupied or used by Owner during construction period by separate agreement with Contractor.
- C. Organize warranty documents into an orderly sequence based on the table of contents of Project Manual.
1. Bind warranties and bonds in heavy-duty, three-ring, vinyl-covered, loose-leaf binders, thickness as necessary to accommodate contents, and sized to receive **8-1/2-by-11-inch (215-by-280-mm)** paper.
  2. Provide heavy paper dividers with plastic-covered tabs for each separate warranty. Mark tab to identify the product or installation. Provide a typed description of the product or installation, including the name of the product and the name, address, and telephone number of Installer.

3. Identify each binder on the front and spine with the typed or printed title "WARRANTIES," Project name, and name of Contractor.
  4. Warranty Electronic File: Scan warranties and bonds and assemble complete warranty and bond submittal package into a single indexed electronic PDF file with links enabling navigation to each item. Provide bookmarked table of contents at beginning of document.
- D. Provide additional copies of each warranty to include in operation and maintenance manuals.

## **PART 2 - PRODUCTS**

### **2.1 MATERIALS**

- A. Cleaning Agents: Use cleaning materials and agents recommended by manufacturer or fabricator of the surface to be cleaned. Do not use cleaning agents that are potentially hazardous to health or property or that might damage finished surfaces.
1. Use cleaning products that comply with Green Seal's GS-37, or if GS-37 is not applicable, use products that comply with the California Code of Regulations maximum allowable VOC levels.

## **PART 3 - EXECUTION**

### **3.1 FINAL CLEANING**

- A. General: Provide final cleaning. Conduct cleaning and waste-removal operations to comply with local laws and ordinances and Federal and local environmental and antipollution regulations.
- B. Cleaning: Employ experienced workers or professional cleaners for final cleaning. Clean each surface or unit to condition expected in an average commercial building cleaning and maintenance program. Comply with manufacturer's written instructions.
1. Complete the following cleaning operations before requesting inspection for certification of Substantial Completion for entire Project or for a portion of Project:
    - a. Clean Project site, yard, and grounds, in areas disturbed by construction activities, including landscape development areas, of rubbish, waste material, litter, and other foreign substances.
    - b. Sweep paved areas broom clean. Remove petrochemical spills, stains, and other foreign deposits.
    - c. Rake grounds that are neither planted nor paved to a smooth, even-textured surface.
    - d. Remove tools, construction equipment, machinery, and surplus material from Project site.
    - e. Clean exposed exterior and interior hard-surfaced finishes to a dirt-free condition, free of stains, films, and similar foreign substances. Avoid disturbing natural weathering of exterior surfaces. Restore reflective surfaces to their original condition.



- f. Remove debris and surface dust from limited access spaces, including roofs, plenums, shafts, trenches, equipment vaults, manholes, attics, and similar spaces.
  - g. Sweep concrete floors broom clean in unoccupied spaces.
  - h. Vacuum carpet and similar soft surfaces, removing debris and excess nap; shampoo if visible soil or stains remain.
  - i. Clean transparent materials, including mirrors and glass in doors and windows. Remove glazing compounds and other noticeable, vision-obscuring materials. Replace chipped or broken glass and other damaged transparent materials. Polish mirrors and glass, taking care not to scratch surfaces.
  - j. Remove labels that are not permanent.
  - k. Wipe surfaces of mechanical and electrical equipment, elevator equipment, and similar equipment. Remove excess lubrication, paint and mortar droppings, and other foreign substances.
  - l. Replace parts subject to unusual operating conditions.
  - m. Clean plumbing fixtures to a sanitary condition, free of stains, including stains resulting from water exposure.
  - n. Replace disposable air filters and clean permanent air filters. Clean exposed surfaces of diffusers, registers, and grills.
  - o. Clean ducts, blowers, and coils if units were operated without filters during construction or that display contamination with particulate matter on inspection.
    - 1) Clean HVAC system in compliance with NADCA Standard 1992-01. Provide written report on completion of cleaning.
  - p. Clean light fixtures, lamps, globes, and reflectors to function with full efficiency.
  - q. Leave Project clean and ready for occupancy.
- C. Pest Control: Comply with pest control requirements in Division 01 Section "Temporary Facilities and Controls." Prepare a report.
- D. Construction Waste Disposal: Comply with waste disposal requirements in Division 01 Section "Temporary Facilities and Controls" and Division 01 Section "Construction Waste Management and Disposal."

### 3.2 REPAIR OF THE WORK

- A. Complete repair and restoration operations before requesting inspection for determination of Substantial Completion.
- B. Repair or remove and replace defective construction. Repairing includes replacing defective parts, refinishing damaged surfaces, touching up with matching materials, and properly adjusting operating equipment. Where damaged or worn items cannot be repaired or restored, provide replacements. Remove and replace operating components that cannot be repaired. Restore damaged construction and permanent facilities used during construction to specified condition.
  - 1. Remove and replace chipped, scratched, and broken glass, reflective surfaces, and other damaged transparent materials.

2. Touch up and otherwise repair and restore marred or exposed finishes and surfaces. Replace finishes and surfaces that that already show evidence of repair or restoration.
  - a. Do not paint over "UL" and other required labels and identification, including mechanical and electrical nameplates. Remove paint applied to required labels and identification.
3. Replace parts subject to operating conditions during construction that may impede operation or reduce longevity.
4. Replace burned-out bulbs, bulbs noticeably dimmed by hours of use, and defective and noisy starters in fluorescent and mercury vapor fixtures to comply with requirements for new fixtures.

**END OF SECTION 017700**

## **SECTION 02200 SITE PREPARATION**

### **PART 1            GENERAL**

#### **1.    DEFINITIONS**

- A.    Interfering or Objectionable Material: Trash, rubbish, and junk; vegetation and other organic matter, whether alive, dead, or decaying; topsoil.
- B.    Clearing: Removal of interfering or objectionable material lying on or protruding above ground surface.
- C.    Grubbing: Removal of vegetation and other organic matter including stumps, buried logs, and roots greater than 2 inches caliper to a depth of 12 inches below subgrade.
- D.    Scalping: Removal of sod without removing more than upper 3 inches of topsoil.
- E.    Stripping: Removal of topsoil remaining after applicable scalping is completed.
- F.    Project Limits: Areas, as specified, within which Work is to be performed.

#### **2.    SCHEDULING AND SEQUENCING**

- A.    Prepare site only after adequate erosion and sediment controls are in place. Limit areas exposed uncontrolled to erosion during installation of temporary erosion and sediment controls.

### **PART 2            PRODUCTS (Not Used)**

### **PART 3            EXECUTION**

#### **3.1   GENERAL**

- A.    Clear, grub, and strip areas actually needed for waste disposal, borrow, or site improvements within limits specified.
- B.    Property obstructions which are to remain in-place, such as buildings, sewers, drains, water or gas pipes, bridges, etc., are to be carefully protected from damage.
- C.    Do not injure or deface vegetation that is not designated for removal. All branches potentially interfering with construction operations shall be pruned prior to starting work and following approval of the ENGINEER and the City of Fort Lauderdale Urban Forester.
- D.    Thoroughly inspect the pavement looking for imperfections. Cracks that penetrate the asphalt surface and reach the rock base could be indications of structural problems that you need to be repaired prior to sealing.
- E.    Remove the surface oils by washing with an applicable detergent, pressure cleaning or any other suitable method, then apply STAR Oil-Spot Primer as per manufacturer's directions. If the oil spot is so severe as to cause permanent deterioration of the

pavement, the area should be saw cut and removed to its original depth, the sides and surface of the hole tacked and filled with a proper hot asphalt mix, or a suitable cold patch mix.

- F. All dirt must be removed from the asphalt pavement. Embedded dirt must be removed by brushing, water pressure cleaning, or mechanical blowing or any combination of the foregoing.
- G. Immediately prior to applying the sealer, clean the pavement surface of all dust, dirt, leaves, water, or any other foreign materials by sweeping and mechanical blowing, making sure that the pavement is completely dried.

### **3.2 LIMITS**

- A. The limits of work are as indicated in the drawings.
- B. Remove rubbish, trash, and junk from entire area within Project limits.

### **3.3 CLEARING**

- A. Clear areas within limits specified.
- B. Fell trees so that they fall away from facilities and vegetation not designated for removal.
- C. Cut stumps not designated for grubbing 12 inches below the ground surface.
- D. Cut off shrubs, brush, weeds, and grasses to within 2 inches of ground surface.

### **2. GRUBBING**

- A. Grub areas within limits specified.

### **3. SCALPING**

- A. Do not remove sod until after clearing and grubbing is completed and resulting debris is removed.
- B. Scalp areas within limits specified.

### **4. STRIPPING**

- A. Do not remove topsoil until after scalping is completed.
- B. Strip areas within limits to minimum depths specified. Do not remove subsoil with topsoil.
- C. Stockpile strippings, meeting requirements of Section 02911, SOIL PREPARATION, for topsoil, separately from other excavated material.

**5. TREE REMOVAL inSIDE CLEARING LIMITS**

- A. Remove Within Project Limits:
  - 1. Trees designated by ENGINEER.
- B. Cut stumps off and grind to 12" below ground, remove debris, and if disturbed, restore surrounding area to its original condition.

**6. PRUNING**

- A. Remove branches affecting work progress below the following heights:
  - 1. Sixteen feet above roadways and shoulders.
  - 2. Nine feet above sidewalks.
  - 3. Six feet above roofs.
- B. Prune only after planting and in accordance with standard horticultural practice to preserve the natural character of the plant. Perform in presence of the ENGINEER. Remove all dead wood, suckers, and broken or badly bruised branches. Use only clean, sharp tools. Do not cut lead shoot.

**7. DISPOSAL**

- A. Clearing and Grubbing Debris:
  - 1. Woody debris may be chipped. Chips may be sold to CONTRACTOR's benefit or used for landscaping onsite as mulch or uniformly mixed with topsoil, provided that resulting mix will be fertile and not support combustion. Maximum dimensions of chipped material used onsite shall be 1/4-inch by 2 inch. Dispose of chips that are unsaleable or unsuitable for landscaping or other uses with unchipped debris.
  - 2. Limit offsite disposal of clearing and grubbing debris to locations that are approved by federal, state, and local authorities, and that will not be visible from Project.
- B. Scalpings: As specified for clearing and grubbing debris.
- C. Strippings:
  - 1. Dispose of strippings that are unsuitable for topsoil or that exceed quantity required for topsoil offsite or in waste disposal areas approved by ENGINEER.
  - 2. Stockpile topsoil in sufficient quantity to meet Project needs. Dispose of excess strippings as specified for clearing and grubbing.

**END OF SECTION 02200**

**SECTION 02050  
DEMOLITION****PART 1 - GENERAL****8. WORK INCLUDED**

A. Provide labor, materials, equipment and services to complete the site demolition work, as indicated on the drawings, as specified herein or both.

**9. QUALITY ASSURANCE**

- A. Requirements of Regulatory Agencies
- B. Building Codes

**10. JOB CONDITIONS****Protection:**

- 1. Erect barriers, fences, guardrails, enclosures, and shoring to protect personnel, structures, and utilities remaining intact.
- 2.
- 3. Protect designated trees and plants from damages during construction activities.
- 4.
- 5. Protect existing objects and vegetation designated to remain, and, in the event of damage, immediately make all repairs, replacements and dressings to damaged plants necessary to the approval of the Landscape Architect and the City.

**B. Maintaining Traffic:**

- 1. Conduct operations to avoid interference with roads, streets, driveways, sidewalks, and adjacent facilities. Contractor shall maintain access to all properties adjacent to and / or affected by the work, including vehicular, pedestrian, and service movements. Contractor shall submit a Maintenance of Traffic Plan to the City of Fort Lauderdale Engineering Division, and to the Broward County Engineering Division for approval as a requirement for Notice to Proceed.
- 2. Provide alternate routes around closed or obstructed traffic ways as required by governing agencies and per the approved M.O.T.

**C. Dust Control:**

- 1. Prevent dust from demolition operations from being a nuisance to adjacent

property owners. Methods used for dust control are subject to approval by the Architect prior to use.

D. Burning:

1. Burning will not be permitted
2. No explosives.

**Part 2 PRODUCTS (not applicable)**

**Part 3 EXECUTION**

**1. INSPECTION**

- A. Verify that structures to be demolished are discontinued in use and ready for removal.
- B. Do not commence work until conditions and requirements of applicable public agencies are complied with.

**2. PREPARATION**

**A. Notification:**

1. Notify the Owner in writing at least three full working days prior to commencing demolition.

**3. CLARIFICATION**

- A. The drawings do not purport to show all objects existing on the site.
- B. Before commencing the work, verify with the Landscape Architect objects to be removed and objects to be preserved.

**4. SCHEDULING**

- A. Schedule work with necessary consideration for other activities on the site.
- B. Avoid interference with the use of, and passage to and from, adjacent facilities.

**5. DISCONNECTION OF UTILITIES**

- A. Before commencing site operations, disconnect or arrange for the disconnection of utility services designated to be removed, performing such work in accordance with the requirements of the utility company or agency involved.

**6. PROTECTION OF EXISTING LANDSCAPE AND IRRIGATION**

- A. Protect trees to be relocated and irrigation equipment in place during demolition, as outlined in Section 02481 - Tree Relocation and Protection and as designated on the plans.

**7. PROTECTION OF UTILITIES**

- A. Preserve in operating condition active utilities adjacent to or traversing the site and/or designated to remain.

**8. DEMOLITION OF SITE STRUCTURES**

- A. Demolish site structure or site feature items designated to be removed or which are required to be removed to perform the work.
- B. Demolition of surfaces and objects to be removed and reconstructed shall be performed in such a manner as to achieve clean, straight, and true edges of adjacent surfaces to remain, without damage to the adjacent surface or object.

**9. OTHER DEMOLITION**

**A. Removal of Debris**

- 1. Removal of all debris from the site shall be in accordance with applicable City Codes.

**END OF SECTION 02050**



**SECTION 02710  
LIMEROCK BASE**

**PART 1            GENERAL**

**10.    DEFINITIONS**

- A.    Completed Course: Compacted, unyielding, free from irregularities, with smooth, tight, even surface, true to grade, line, and cross section.
- B.    Completed Lift: Compacted with uniform surface reasonably true to cross-section.

**PART 2            PRODUCTS**

**1.    limerock BASE ROCK**

- A.    The material used in limerock base shall be material classified as Miami Oolite Formation.
- B.    The minimum of carbonates of calcium and magnesium in the limerock shall be 70 percent. The maximum percentage of water-sensitive clay material shall be 3.
- C.    Limerock material shall be uniform in color and not contain cherty or other extremely hard pieces, or lumps, balls, or pockets of sand or clay size material in sufficient quantities as to be detrimental to the proper bonding, finishing, or strength of the limerock base.
- D.    The limerock base shall be uniformly graded from coarse to fine with 97 percent passing a 3-1/2-inch sieve, 80 percent passing a 2-inch sieve. The fine material shall consist entirely of dust of fracture. All crushing or breaking up, which might be necessary in order to meet such size requirements, shall be done before the material is placed on the road.
- E.    **Physical Qualities:**
  - 1.    Liquid Limit, AASHTO T89: Maximum 35 percent.
  - 2.    Nonplastic.
  - 3.    Limerock material shall have an average limerock bearing ratio (LBR) value of not less than 100.

**2.    SOURCE QUALITY CONTROL**

- A.    CONTRACTOR: Perform tests necessary to locate acceptable source of materials meeting specified requirements.
- B.    Final approval of aggregate material will be based on materials' test results on installed materials.

- C. Should separation of coarse from fine materials occur during processing or stockpiling, immediately change methods of handling materials to correct uniformity in grading.

### **PART 3 EXECUTION**

#### **1. SUBGRADE PREPARATION**

- A. As specified in Section 02319, SUBGRADE PREPARATION.
- B. Do not place base materials on soft, muddy subgrade.

#### **2. HAULING AND SPREADING**

##### **A. Hauling Materials:**

- 1. The limerock shall be transported to the point where it is to be used and dumped on the end of the preceding spread.
- 2. Do not haul over surfacing in process of construction.
- 3. Loads: Of uniform capacity.
- 4. Maintain consistent gradation of material delivered; loads of widely varying gradations will be cause for rejection.

##### **B. Spreading Materials:**

- 1. Distribute material to provide required density, depth, grade and dimensions with allowance for subsequent lifts.
- 2. Produce even distribution of material upon roadway without segregation.
- 3. Should segregation of coarse from fine materials occur during placing, immediately change methods of handling materials to correct uniformity in grading.

#### **3. CONSTRUCTION OF COURSES**

- A. General: Complete each lift in advance of laying succeeding lift to provide required results and adequate inspection.

##### **B. Limerock Base:**

- 1. Maximum Completed Lift Thickness: 6 inches or equal thickness.
- 2. Completed Course Total Thickness: As shown.
- 3. Spread lift on preceding course to required cross-section.
- 4. Lightly blade and roll surface until thoroughly compacted.
- 5. Blade or broom surface to maintain true line, grade, and cross-section.

##### **C. Gravel Surfacing:**

- 1. Maximum Completed Lift Thickness: 6 inches or equal thickness.
- 2. Completed Course Total Thickness: As shown.
- 3. Spread on preceding course in accordance with cross-section shown.
- 4. Blade lightly and roll surface until material is thoroughly compacted.

#### 4. **ROLLING AND COMPACTION**

- A. Commence compaction of each layer of base after spreading operations and continue until density of 98 percent of maximum density has been achieved as determined by AASHTO T 180.
- B. Roll each course of surfacing until material shall not creep under roller before succeeding course of surfacing material is applied.
- C. Commence rolling at outer edges of surfacing and continue toward center; do not roll center of road first.
- D. When the material does not have the proper moisture content to ensure the required density, wet or dry, as required. When adding water, uniformly mix it in by disking to the full depth of the course that is being compacted. During wetting or drying operations, manipulate as a unit, the entire width and depth of the course that is being compacted.
- E. Place and compact each lift to required density before succeeding lift is placed.
- F. Bind up preceding course before placing leveling course. Remove floating or loose stone from surface.
- G. Blade or otherwise work surfacing as necessary to maintain grade and cross-section at all times, and to keep surface smooth and thoroughly compacted.
- H. Surface Defects: Remedy surface defects by loosening and rerolling. Reroll entire area, including surrounding surface, until thoroughly compacted.
  - 1. Finished Surface: True to grade and crown before proceeding with surfacing.

#### 5. **SURFACE TOLERANCES**

- A. Finished Surface of Base Course and Leveling Course: Within plus or minus 0.04-foot of grade shown at any individual point.
- B. Compacted Surface of Leveling Course: Within 0.04-foot from lower edge of 10-foot straightedge placed on finished surface, parallel to centerline.
- C. Overall Average: Within plus or minus 0.01-foot from crown and grade specified.

#### 6. **DRIVEWAY RESURFACING**

- A. **Replace gravel surfacing on driveways which were gravel surfaced prior to construction.**
- B. Provide compacted gravel surfacing to depth equal to original, but not less than 4 inches.
- C. Leave each driveway in as good or better condition as it was before start of construction.

**7. FIELD QUALITY CONTROL****A. In-Place Density Tests:**

1. Construct base course so areas shall be ready for testing.
2. Allow reasonable length of time for ENGINEER to perform tests and obtain results during normal working hours.

**8. CLEANING**

- A. Remove excess material; clean stockpile areas of aggregate.

**END OF SECTION 02710**

**SECTION 02761  
PAVEMENT MARKING**

**PART 1            GENERAL**

**9.     Standard specifications**

- A.    When referenced in this section, shall mean Florida Department of Transportation, Standard Specifications for Road and Bridge Construction, current edition.

**10.   Deliver, storage, and protection**

- A.    Packaging and Labeling: All coatings and traffic marking materials shall be shipped in strong containers plainly marked with the weight in pounds per gallon, the volume of coatings and traffic marking materials content in gallons, the color, user information, date of manufacture, LOT, batch and DOT code number. Each batch manufactured shall have a unique number. A true statement of the percentage composition of the pigment, the proportion of pigment to vehicle, and the name and address of the manufacturer, also shall be shown. The label shall warn the user of any special handling or precautions of the material, as recommended by the manufacturer. Any package not so marked will not be accepted for use under these Specifications.
- B.    Storage: Any coatings and traffic marking materials which, although inspected and approved at the point of manufacture, hardens or livers in the containers so that it cannot be readily broken up with a paddle to a smooth, uniform painting consistency, will be rejected. All materials shall have a container storage life of one year from date of manufacture. Any coatings and traffic marking materials not acceptable for proper application will be rejected, even though it conforms to these Specifications in all other respects.

**PART 2        PRODUCTS**

**1.     PAINT**

- A.    Color: White, yellow, or blue traffic paint meeting the requirements of Section 971 of the Standard Specifications.
- B.    Homogeneous, easily stirred to smooth consistency, with no hard settlement or other objectionable characteristics during a storage period of 6 months.

**2.     THERMOPLASTIC STRIPING**

- A.    White, yellow, or blue thermoplastic striping material meeting the requirements of Section 971-17 of the Standard Specifications.

**3.     RAISED REFLECTIVE MARKERS (NOT USED)**

**4.     GLASS Spheres (NOT USED)**

**PART 3 EXECUTION****1. SURFACE PREPARATION****A. Cleaning:**

1. Thoroughly clean surfaces to be marked before application of pavement marking material.
2. Remove dust, dirt, and other granular surface deposits by sweeping, blowing with compressed air, rinsing with water or a combination of these methods.
3. Completely remove rubber deposits, surface laitance, existing paint markings, and other coatings adhering to pavement with scrapers, wire brushes, sandblasting, approved chemicals, or mechanical abrasion.
4. Scrub areas of old pavement affected with oil or grease with several applications of trisodium phosphate solution or other approved detergent or degreaser, and rinse thoroughly after each application.
5. Surfaces shall be completely free of dry dirt and ice, and dry of water at the time of application of any of the materials specified herein.
6. Oil-Soaked Areas: After cleaning, seal with cut shellac to prevent bleeding through the new paint.
7. Reclean surfaces when Work has been stopped due to rain.
8. Existing Pavement Markings:
  - a. Remove existing pavement markings that may interfere or conflict with newly applied marking patterns, or that may result in a misleading or confusing traffic pattern.
  - b. Do not apply thermoplastic markings over existing preformed or thermoplastic markings.
  - c. Perform grinding, scraping, sandblasting or other operations so finished pavement surface is not damaged.

**B. Pretreatment for Early Painting**

1. Where early painting is required on rigid pavements, pretreat with an aqueous solution containing 3 percent phosphoric acid and 2 percent zinc chloride.

**C. New Concrete Pavement:**

1. Allow a minimum cure time of 30 days before cleaning and marking.
2. Clean by either sandblasting or water blasting to the following results:
  - a. No visible evidence of curing compound on peaks of textured concrete surface.
  - b. No heavy puddled deposits of curing compound in valleys of textured concrete surface.
  - c. Remaining curing compound is intact, with loose and flaking material completely removed.
  - d. Peaks of textured pavement surface are rounded in profile and free of sharp edges and irregularities.
3. Allow a minimum drying time of 24 hours after water blasting before applying thermoplastic markings.

## 2. **Alignment for markings**

- A. The CONTRACTOR shall be responsible for all measurements, reference points and marks, string lining, and any other steps required in establishing pavement marking locations and alignment. On tangents and on curves up to 1 degree, the alignment of the marking shall not deviate from the string line by more than 1 inch. On curves exceeding 1 degree, the maximum permissible deviation shall be 2 inches. All alignment width and location shall conform to the details shown on the Drawings.

## 3. **PAINT APPLICATION**

### A. **General:**

- 1. Thoroughly mix pigment and vehicle together prior to application, and keep thoroughly agitated during application.
- 2. Do not add thinner.
- 3. Apply only when air and pavement temperatures are above 40 degrees F and less than 95 degrees F. Maintain paint temperature within these same limits.
- 4. Apply only when surface is dry.
- 5. Do not apply when conditions are windy to the point of causing overspray or fuzzy line edges.
- 6. New Asphalt Pavement: Allow a minimum pavement cure time as recommended by the manufacturer before applying paint.
- 7. Provide guide lines and templates to control paint application.
- 8. Take special precautions in marking numbers, letters, and symbols.
- 9. Sharply outline edges of markings and apply without running or spattering.

### B. **Rate of Application:**

- 1. Reflective Markings:
  - a. Paint: Apply evenly, 105 plus or minus 5 square feet per gallon.
  - b. Glass Beads: Apply uniformly, 6 plus or minus 0.5 pounds of glass spheres per gallon of paint.
- 2. Nonreflective Markings: Apply paint evenly to pavement surface at a rate of 105 plus or minus 5 square feet per gallon.
- 3. On new pavement or new asphalt surface treatments, apply two coats of paint at a uniform rate of 210 square feet per gallon.

### C. **Drying:**

- 1. Provide maximum drying time to prevent undue softening of bitumen and pickup, displacement, or discoloration by traffic.
- D. If drying is abnormally slow, discontinue painting operations until cause is determined and corrected.

## 4. **THERMOPLASTIC MARKING APPLICATION**

- A. Following specified surface preparation, prime and apply marking as shown on Drawings.

- B. The material shall be applied to the pavement by the extrusion method only, wherein one side of extrusion shaping die is the pavement and the other sides are formed by suitable equipment for heating and controlling the flow of the material.

**C. Application Temperatures:**

1. Pavement Surface: Minimum 40 degrees F and rising.
2. Thermoplastic: Minimum 375 degrees F, maximum 425 degrees F.

**D. Primer:**

1. On portland cement concrete and existing asphalt pavements, apply epoxy resin primer/sealer according to the thermoplastic manufacturer's recommendations.
2. All primer/sealer to dry prior to applying thermoplastic.

**E. Thermoplastic Marking:**

1. Extrude in a molten state, free of dirt or tint. at a minimum thickness of 0.90 inch for lane lines and 0.125 inch; maximum thickness of 0.190 inch.
2. Apply centerline, skipline, edgeline, and other longitudinal type markings with a mobile applicator.
3. Apply special markings, crosswalks, stop bars, legends, arrows, and similar patterns with a portable, extrusion-type applicator.

- F. Cool completed marking to ambient temperature prior to allowing vehicular traffic.

**5. INSTALLATION OF RAISED REFLECTIVE MARKERS (NOT USED)**

**6. GLASS BEAD APPLICATION (NOT USED)**

**7. PROTECTION**

- A. The CONTRACTOR shall erect adequate warning signs and/or provide sufficient number of flagmen, and take all necessary precautions for the protection of the materials and safety of the public.
- B. Protect surfaces from disfiguration by paint spatters, splashes, spills, or drips.

**8. CLEANUP**

- A. Remove material spatters, splashes, spills, or drips from Work and staging areas and areas outside of the immediate Work area where spills occur.

**END OF SECTION 02761**



**SECTION 02771  
CONCRETE CURBS AND SIDEWALKS**

**PART 1            GENERAL (not used)**

**PART 2            PRODUCTS**

**1.    EXPANSION JOINT FILLER**

- A.    1/2-inch thick, preformed asphalt-impregnated, expansion joint material meeting AASHTO M153 Type I, II, or III, or AASHTO M213, or cellulose fiber types meeting the requirements of AASHTO M213, except the asphalt content is acceptable provided they contain minimum of 0.2 percent copper pentachlorophenate as a preservative and 1 percent water proofing wax.

**2.    CONCRETE**

- A.    Ready-mixed meeting ASTM C94, Option A, with compressive strength of 3,000 psi at 28 days.
- B.    Maximum Aggregate Size: 1-1/2 inch.
- C.    Slump: 2 to 4 inches.

**3.    CURING COMPOUND**

- A.    Liquid membrane-forming, clear or translucent, suitable for spray application and meeting ASTM C309, Type 1.

**PART 3            EXECUTION**

**1.    FORMWORK**

- A.    Lumber Materials:
  - 1.    2-inch dressed dimension lumber, or metal of equal strength, straight, free from defects that would impair appearance or structural quality of completed curb and sidewalk.
  - 2.    1-inch dressed lumber or plywood may be used where short-radius forms are required.
- B.    Metals: Steel in new undamaged condition.
- C.    **Setting Forms:**
  - 1.    Construct forms to shape, lines, grades, and dimensions.
  - 2.    Stake securely in place.
- D.    **Bracing:**
  - 1.    Brace forms to prevent change of shape or movement resulting from placement.
  - 2.    Construct short-radius curved forms to exact radius.

**E. Tolerances:**

1. Do not vary tops of forms from gradeline more than 1/8 inch when checked with 10-foot straightedge.
2. Do not vary alignment of straight sections more than 1/8 inch in 10 feet.

**2. PLACING CONCRETE**

- A. Excavate to the required depth, place and compact limerock base rock as specified in Section 02710, LIMEROCK BASE. Compact directly under the area and 1 foot beyond each side of the sidewalk and curb.
- B. Prior to placing concrete, remove water from excavation and debris and foreign material from forms.
- C. Place concrete as soon as possible, and within 1-1/2 hours after adding cement to mix without segregation or loss of ingredients, and without splashing.
- D. Place, process, finish, and cure concrete in accordance with applicable requirements of ACI 304, and this section. Wherever requirements differ, the more stringent shall govern.
- E. To compact, vibrate until concrete becomes uniformly plastic.
- F. All edges shall be smooth and rounded.

**3. CURB CONSTRUCTION**

- A. Construct ramps at pedestrian crossings.
- B. Expansion Joints: Place at maximum 20-foot intervals and at the beginning and end of curved portions of curb, and at connections to existing curbs. Install expansion joint filler at each joint.
- C. Curb Facing: Do not allow horizontal joints within 7 inches from top of curb.
- D. **Contraction Joints:**
  1. Maximum 10-foot intervals in curb.
  2. Provide open joint type by inserting thin, oiled steel sheet vertically in fresh concrete to force coarse aggregate away from joint.
  3. Insert steel sheet to full depth of curb.
  4. Remove steel sheet with sawing motion after initial set has occurred in concrete and prior to removing front curb form.
  5. Finish top of curb with steel trowel and finish edges with steel edging tool.

**E. Front Face:**

1. Remove front form and finish exposed surfaces when concrete has set sufficiently to support its own weight.

2. Finish formed face by rubbing with burlap sack or similar device to produce uniformly textured surface, free of form marks, honeycomb, and other defects.
  3. Remove and replace *defective* concrete.
  4. Apply curing compound to exposed surfaces of curb upon completion of finishing.
  5. Continue curing for minimum of 5 days.
- F. Backfill curb with earth upon completion of curing period, but not before 7 days has elapsed since placing concrete.
1. Backfill shall be free from rocks 2 inches and larger and other foreign material.
  2. Compact backfill firmly.

#### 4. **SIDEWALK and Ramp CONSTRUCTION**

A. Thickness:

1. 4 inches in walk areas.
2. 6 inches in driveway and commercial areas.

B. Connection to Existing Sidewalk:

1. Remove old concrete back to an existing contraction joint.
2. Clean the surface.
3. Apply a neat cement paste immediately prior to placing new sidewalk.

C. **Curb Ramps**

1. Curb ramps shall be constructed per FDOT Roadway and Traffic Design Standards and Specification
2. Curb ramps shall be installed at location indicated on the drawings

D. Expansion Joints: Place at maximum 20-foot intervals, at adjacent curb expansion joint, where sidewalk ends at curb, and around posts, poles, or other objects penetrating sidewalk. Install expansion joint filler at each joint.

E. **Contraction Joints:**

1. Provide transversely to walks at locations opposite contraction joints in curb.
2. Dimensions: 3/16-inch by 1-inch weakened plane joints.
3. Construct straight and at right angles to surface of walk.

F. **Finish:**

1. Broom surface with fine-hair broom at right angles to length of walk and tool at edges, joints, and markings.
2. Ensure that the surface variations are not more than ¼ inch under a 10-foot straightedge, or more than 1/8 inch on a 5-foot transverse section.
3. Mark walks transversely at 5-foot intervals, or in pattern shown on Drawings, with jointing tool; finish edges with rounded steel edging tool.
4. Apply curing compound to exposed surfaces upon completion of finishing.
5. Protect sidewalk from damage and allow to cure for at least 7 days.
6. Vanguard system of detectable surface shall be place on new concrete only as shown on the plans.

7. Armor Tile system of detectable surface shall be installed on existing concrete surfaces as shown on the drawings.

**END OF SECTION 02771**

**SECTION 02772  
ASPHALT CONCRETE PAVEMENT**

**PART 1                    GENERAL**

**5.     Standard Specifications**

- A.    When referenced in this Section shall mean Florida Department of Transportation, Standard Specifications for Road and Bridge Construction, current edition.

**6.     QUALITY ASSURANCE**

**A.    Qualifications:**

1.    Independent Testing Laboratory: In accordance with ASTM E329.
2.    Asphalt concrete mix formula shall be prepared by an approved certified independent laboratory under the supervision of a certified asphalt technician.

**7.     ENVIRONMENTAL REQUIREMENTS**

- A.    Temperature: Do not apply asphalt materials or place asphalt mixes when ground temperature is lower than 10 degrees C (50 degrees F), or air temperature is lower than 4 degrees C (40 degrees F). Measure ground and air temperature in shaded areas away from heat sources or wet surfaces.
- B.    Moisture: Do not apply asphalt materials or place asphalt mixes when application surface is wet.

**part 2                    PRODUCTS**

**1.     MATERIALS**

- A.    Prime Coat: Cut-back asphalt, Grades RC-70 or RC-250 meeting the requirements of Section 916-2 of the Standard Specifications.
- B.    Tack Coat: Emulsified asphalt, Grade RS-2, SS-1, or SS-1H meeting the requirements of Section 916-4 of the Standard Specifications. The bituminous material shall be heated to a suitable consistency as directed by the ENGINEER.
- C.    Sand (Blotter Material): Clean, dry, with 100 percent passing a 4.75 mm (No. 4) sieve, and a maximum of 10 percent passing a 75 mm (No. 200) sieve.

**2.     ASPHALT CONCRETE MIX**

**A.    General:**

1.    Mix formula shall not be modified except with the written approval of ENGINEER.
2.    Source Changes:
  - a.    Should material source(s) change, establish a new asphalt concrete mix formula before the new material(s) is used.

- b. Perform check tests of properties of the plant-mix bituminous materials on the first day of production and as requested by ENGINEER to confirm that properties are in compliance with design criteria.
  - c. Make adjustments in gradation or asphalt content as necessary to meet design criteria.
- B. Asphalt Concrete: Type S-III or SP-9.5 (coarse) meeting the requirements in Section 334 of the Standard Specifications.
- C. Composition: Hot-plant mix of aggregate, mineral filler, and paving grade asphalt cement. The several aggregate fractions shall be sized, uniformly graded, and combined in such proportions that the resulting mixture meets the grading requirements of the mix formula.
- D. **Aggregate:**
  - 1. The aggregate shall meet the requirements in Section 334 of the Standard Specifications.
    - a. Mineral Filler shall meet the requirements of Section 917 of the Standard Specifications
- E. Asphalt Cement: Paving Grade AC-30 meeting the requirements of Section 916 of the Standard Specifications.

### **PART 3 EXECUTION**

#### **1. GENERAL**

- A. Traffic Control: Minimize inconvenience to traffic, but keep vehicles off freshly treated or paved surfaces to avoid pickup and tracking of asphalt.
- B. Driveways: Repave driveways from which pavement was removed. Leave driveways in as good or better condition than before start of construction.

#### **2. LINE AND GRADE**

- A. Provide and maintain intermediate control of line and grade, independent of the underlying base to meet finish surface grades and minimum thickness.
- B. Shoulders: Construct to line, grade, and cross-section shown.

#### **3. PREPARATION**

- A. Prepare subgrade as specified in Section 02319, SUBGRADE PREPARATION.
- B. Existing Roadway:
  - 1. Modify profile by grinding, milling, or overlay methods as approved, to provide meet lines and surfaces and to produce a smooth riding connection to existing facility.
  - 2. Resurface entire roadway following adjustment of base and asphalt grades.
  - 3. Paint edges of meet line with tack coat prior to placing new pavement.

- C. Thoroughly coat edges of contact surfaces (curbs, manhole frames) with emulsified asphalt or asphalt cement prior to laying new pavement. Prevent staining of adjacent surfaces.

#### 4. **PAVEMENT OVERLAY**

##### A. Preparation:

1. Remove fatty asphalt, grease drippings, dust, and other deleterious matter.
2. Surface Depressions: Fill with asphalt concrete mix, and thoroughly compact.
3. Damaged Areas: Remove broken or deteriorated asphalt concrete and patch as specified in Article PATCHING.
4. Portland Cement Concrete Joints: Remove joint filler to minimum 1/2 inch below surface.

##### B. Application:

1. Tack Coat: As specified in this Section.
2. Place and compact asphalt concrete as specified in Article PAVEMENT APPLICATION.
3. Place first layer to include widening of pavement and leveling of irregularities in the surface of the existing pavement.
4. When leveling irregular surfaces and raising low areas, the actual compacted thickness of any one lift shall not exceed 2 inches.
5. The actual compacted thickness of intermittent areas of 120 square yards or less may exceed 2 inches, but not 4 inches.
6. Final wearing layer shall be of uniform thickness, and meet grade and cross-section as shown.

#### 5. **PATCHING**

##### A. Preparation:

1. Remove damaged, broken, or unsound asphalt concrete adjacent to patches. Trim to straight lines exposing smooth, sound, vertical edges.
2. Prepare patch subgrade as specified in Section 02319, SUBGRADE PREPARATION.

##### B. Application:

1. Patch Thickness: 3 inches or thickness of adjacent asphalt concrete, whichever is greater.
2. Place asphalt concrete mix across full width of patch in layers of equal thickness.
3. Spread and grade asphalt concrete with hand tools or mechanical spreader, depending on size of area to be patched.

##### C. Compaction:

1. Roll patches with power rollers capable of providing compression of 200 to 300 pounds per linear inch. Use hand tampers where rolling is impractical.

2. Begin rolling top course at edges of patches, lapping adjacent asphalt surface at least 1/2 the roller width. Progress toward center of patch overlapping each preceding track by at least 1/2 the width of roller.
3. Make sufficient passes over entire area to remove roller marks and to produce desired finished surface.

**D. Tolerances:**

1. Finished surface shall be flush with and match grade, slope, and crown of adjacent surface.
2. Tolerance: Surface smoothness shall not deviate more than plus 1/4 inch or minus 0 when a straightedge is laid across patched area between edges of new pavement and surface of old surfacing.

**6. FIELD QUALITY CONTROL**

- A. General: Provide services of an approved certified independent testing laboratory to conduct tests.

**B. Field Density Tests:**

1. Perform tests from cores or sawed samples.
2. Measure with properly operating and calibrated nuclear density gauge.
3. Maximum Density: In accordance with ASTM D2041, using a sample of mix taken prior to compaction from the same location as the density test sample.

**C. Testing Frequency:**

1. Quality Control Tests:
  - a. Asphalt Content, Aggregate Gradation: Once per every 500 tons of mix or once every 4 hours, whichever is greater.
  - b. Mix Design Properties, Measured Maximum (Rice's) Specific Gravity: Once every 1,000 tons or once every 8 hours, whichever is greater.
2. Density Tests: Once every 500 tons of mix or once every 4 hours, whichever is greater.

**END OF SECTION 02772**



**SECTION 02773  
SEALCOATING****PART 1            GENERAL****7.    WORK INCLUDED**

- A.    Provide labor, material, equipment, and services to complete the Sealcoating work, as indicated on the drawings, as specified herein or both.
- B.    Including but not limited to the following:
  - 1.    Repair and/or replace all damaged asphalt areas indicating oil penetration, required to obtain suitable base prior to cleaning, preparation, and application of two (2) coats of Sealer to the entire parking areas. A third coat shall be applied to all heavy-traffic areas, entrance-ways, and intersections.

**8.    RELATED WORK**

- A.    Section 02200 – Site Preparation
- B.    Section 02319 – Subgrade Preparation
- C.    Section 02710 – Limerock Base
- D.    Section 02761 – Pavement Markings

**9.    ENVIRONMENTAL REQUIREMENTS**

- A.    Temperature: Do not apply sealcoat materials when ground temperature is lower than 50 degrees F. , or air temperature is lower than 40 degrees F). Measure temperature in shaded areas away from heat sources or wet surfaces.
- B.    Moisture: Do not apply sealcoat materials when application surface is wet.

**Part 2            PRODUCTS****1.    MATERIALS**

- A.    The Sealcoating/Sealer Material supplied by the Contractor shall consist of Coal-Tar Emulsion containing not more than 50% solids, and conforming to (ASTM) D-5727-00 Specifications, as manufactured by STAR-SEAL of Florida Inc., or equivalent. The material shall be capable of application and complete coverage, by squeegee, brush, or spray, to the bituminous surface at a spreading rate of 2.0 gallons per 10 square yards in a Two Coat Application.
- B.    A Polymeric Latex Additive shall be added to the Sealer. STAR Macroflex as manufactured by STAR-SEAL of Florida Inc., or equivalent, should be used. This additive is a Must: Its' purpose is to keep the Sealer, Water, and Sand suspended evenly. A ration of 2 - 4% of the additive is required.

- C. Sand shall be clean, air dried, hard and irregular Silica Sand. Standard Sand #60/45 will be added to the Sealer at the ratio of 2-4 lbs./Gallon.
- D. Water shall be clean, not supplied from lakes or wells, within a temperature range of 50 - 80F and a 20 - 40% cut is recommended for STAR-SEAL.
- E. STAR Oil-SPOT Primer, as manufactured by STAR-SEAL of Florida Inc., or equivalent will be utilized to address any oil spots as specified.

## 2. Sealcoat MIX

General:

- 1. Mix formula shall not be modified except with the written approval of ENGINEER.

### B. STAR-SEAL Mix Design in order of composition:

- a. STAR-SEAL Coal Tar Emulsion - 100 Gallons
- b. Water - 40 Gallons
- c. Macroflex - 3 Gallons
- d. Sand - 400 Pounds

## 3. EQUIPMENT

All tools and equipment necessary to perform the contract in accordance with the specified terms and conditions, shall be provided by the Contractor.

- A. Agitating Tanks shall assure homogenous mixing of the emulsion and required additives and to maintain complete suspension of Silica Sand until the emulsion system is applied to the pavement.
- B. Spray distributors shall have mechanical mixing devices incorporated in their construction to assure homogeneous mixing of the emulsion and required additives.
- C. Conventional riding squeegees application equipment shall have two or more rubber squeegees and a following drag broom assembly to assure an even distribution of the Coal-Tar Sealer. An adequate agitator must be Incorporated in the device's holding tank to assure a homogeneous mix.

## PART 3 EXECUTION

### 1. GENERAL

Traffic Control: Minimize inconvenience to traffic, but keep vehicles off freshly treated or paved surfaces to avoid pickup and tracking of asphalt.

- A. Driveways: Repave driveways from which pavement was removed. Leave driveways in as good or better condition than before start of construction.

## **2. PREPARATION**

Prepare subgrade as specified in Section 02319, SUBGRADE PREPARATION.

- A. Prepare surface as specified in Section 02200, SITE PREPARATION.

## **3. APPLICATION**

Coat the pavement edges first by pouring a continuous ribbon of the sealant mixture 6 to 12 inches away from the curbing and etc. and the spread carefully with a brush applicator around the car-stops. Application can be by hand or machine. If by hand, a rubber squeegee should be used for the slurry coat and a brush should be used for the finish coat. The uses of a mechanical, self propelled squeegee or hand spraying are both appropriate methods. Either method requires the applicator to deposit .12 gallons of Star-Seal per square yard for 1st coat and .06 gallons of STAR-SEAL per square yard for each succeeding coat. The coating shall be complete and free of pin-holes and voids. The finished surface shall present a uniform texture. Temperatures must be above 50 F with sunshine.

- A. Durability of the sealed surface is most dependent on the drying time between coats. A minimum 6 hours is recommended between coats and 24 hours between final coat and allowing traffic on the surface.

**END OF SECTION 02773**

## **SECTION 02847 TRAFFIC SIGNS**

### **PART 1 GENERAL**

#### **1.1 SYSTEM DESCRIPTION**

- A. Provision of various traffic signs throughout site to ensure safe vehicular and pedestrian traffic.

#### **1.2 QUALITY ASSURANCE**

- A. Traffic regulating signs: Conform to the color, dimension and requirements of the Manual on Uniform Traffic Control Devices for Streets and Highways (ANSI D6.1).
  - B. Signage and pavement markings: Conform to FDOT and City of Fort Lauderdale Traffic Engineering Department Requirements.
  - C. Americans With Disabilities Act (ADA): Provide conforming pavement markings and signage.

### **PART 2 PRODUCT AND MATERIAL**

#### **2.1 PRODUCTS AND MATERIALS**

- A. Sign panels: Aluminum Association Alloy 6061-T6, .080 gauge, unless otherwise specified.
  - B. Support members: Aluminum Association Alloy 6061-T6.
  - C. Bolts: Aluminum Association Alloy 2024-T4 with an anodic coating 0.0002-inch thick minimum and chromate sealed.
  - D. Lockwashers: Aluminum Association Alloy 7075-T6 with an anodic coating 0.0002-inch thick minimum and chromate sealed.
  - E. Nuts: Aluminum Association Alloy 6262-T9.
  - F. Concrete: 3000 psi at 28 days.
  - G. Reflective sheeting: FDOT Type A.

### **PART 3 FABRICATION**

- 3.1 Prepare sign blanks and fabricate reflectorized sign faces to conform to the applicable requirements of FDOT Standard Specifications for Road and Bridge Construction, 1987, Sections 7004 and 700-5.

**END OF SECTION 02847**

**SECTION 02911  
SOIL PREPARATION**

**PART 1            GENERAL**

**4.    SEQUENCING AND SCHEDULING**

- A.    Rough grade areas to be planted or seeded prior to performing Work specified under this Section.

**PART 2           PRODUCTS**

**1.    TOPSOIL**

- A.    General: Uniform mixture of 50 percent sand and 50 percent muck in a loose friable condition, free from objects larger than 1-1/2 inches maximum dimension, and free of subsoil, roots, grass, other foreign matter, hazardous or toxic substances, and deleterious material that may be harmful to plant growth or may hinder grading, planting, or maintenance.
- B.    Textural Amendments: Amend as necessary to conform to required composition.
- C.    Source: Import topsoil if onsite material fails to meet specified requirements or is insufficient in quantity.

**2.    SOURCE QUALITY CONTROL**

- A.    Topsoil Analysis/Testing: Performed by county or state soil testing service or approved certified independent testing laboratory.
- B.    Should soil tests prove the topsoil to alkaline or above the accepted minimum for salt content, the topsoil shall be removed and replaced by acceptable material at CONTRACTOR's expense.

**PART 3           EXECUTION**

**1.    SUBGRADE PREPARATION**

- A.    The subgrade shall be 4 inches lower than finished grade with 2 inches of topsoil added to sod areas.
- B.    Scarify subgrade to minimum depth of 6 inches where topsoil is to be placed.
- C.    Remove stones over 2-1/2 inches in any dimension, sticks, roots, rubbish, and other extraneous material.
- D.    Limit preparation to areas which will receive topsoil within 2 days after preparation.

**2. TOPSOIL PLACEMENT**

- A. Topsoil Thickness:
  - 1. Sodded Areas: 2 inches.
  - 2. Planting Beds: 6 inches.
- B. Do not place topsoil when subsoil or topsoil is excessively wet or otherwise detrimental to the Work.
- C. Mix soil amendments with topsoil before placement or spread on topsoil surface and mix thoroughly into entire depth of topsoil before planting or seeding.
- D. Uniformly distribute to within 1/2-inch of final grades. Fine grade topsoil eliminating rough or low areas and maintaining levels, profiles, and contours of subgrade.
- E. Remove stones exceeding 1-1/2 inches, roots, sticks, debris, and foreign matter during and after topsoil placement.
- F. Remove surplus subsoil and topsoil from site. Grade stockpile area as necessary and place in condition acceptable for planting or seeding.

**END OF SECTION 02911**

**SECTION 02920  
SODDING****PART 1 GENERAL****3. DEFINITIONS**

- A. Maintenance Period: Begin maintenance immediately after each area is planted (sod) and continue for a period of 8 weeks after all planting under this Section is completed.
- B. Satisfactory Stand:
  - 1. Grass or Section of Grass that has:
    - a. No bare spots larger than 3 square feet.
    - b. Not more than 10 percent of total area with bare spots larger than 1 square foot.
    - c. Not more than 15 percent of total area with bare spots larger than 6 square inches.

**4. DELIVERY, STORAGE, AND PROTECTION****A. Sod:**

- 1. Do not harvest if sod is excessively dry or wet to the extent survival may be adversely affected.
- 2. Harvest and deliver sod only after laying bed is prepared for sodding.
- 3. Roll or stack to prevent yellowing.
- 4. Deliver and lay within 24 hours of harvesting.
- 5. Keep moist and covered to protect from drying from time of harvesting until laid.

**5. WEATHER RESTRICTIONS**

- A. Perform Work under favorable weather and soil moisture conditions as determined by accepted local practice.

**6. SEQUENCING AND SCHEDULING**

- A. Prepare topsoil as specified in Section 02911, SOIL PREPARATION, before starting Work of this Section.
- B. Complete Work under this Section within 10 days following completion of soil preparation.
- C. Notify ENGINEER at Least 3 Days in Advance of:
  - 1. Each material delivery.
  - 2. Start of planting activity.
- D. Planting Season: Those times of year that are normal for such Work as determined by accepted local practice.

## 7. MAINTENANCE SERVICE

- A. CONTRACTOR: Perform maintenance operations during maintenance period to include:
1. Watering: Keep surface moist.
  2. Washouts: Repair by filling with topsoil, and replace sodded areas.
  3. Mowing: Mow to 2 inches after grass height reaches 3 inches, and mow to maintain grass height from exceeding 3 1/2 inches.
  4. Resod unsatisfactory areas or portions thereof immediately at the end of the maintenance period if a satisfactory stand has not been produced, at which time maintenance period shall recommence.
  5. Resod during next planting season if scheduled end of maintenance period falls after September 15.

## PART 2 PRODUCTS

### 1. FERTILIZER

- A. Commercial, uniform in composition, free-flowing, suitable for application with equipment designed for that purpose. Minimum percentage of plant food by weight.
- B. Mix:
1. Nitrogen: Sixteen.
  2. Phosphoric Acid: Four.
  3. Potash: Eight.

### 2. SOD

- A. Unless a particular type of sod is called for, sod may be of either St. Augustine Floritam or Bahia grass, at the CONTRACTOR's option.
1. Use Bahia grass where no irrigation system exists.
  2. Use St. Augustine Floritam where an irrigation system is in use.
- B. Strongly rooted pads, capable of supporting own weight and retaining size and shape when suspended vertically from a firm grasp on upper 10 percent of pad.
1. Grass Height: Normal.
  2. Strip Size: Supplier's standard, commercial size rectangles.
  3. Soil Thickness: Uniform; 1-inch plus or minus 1/4-inch at time of cutting.
  4. Age: Not less than 10 months or more than 30 months.
  5. Condition: Healthy, green, moist; free of diseases, nematodes and insects, and of undesirable grassy and broadleaf weeds. Yellow sod, or broken pads, or torn or uneven ends will not be accepted
  6. Any netting contained within the sod shall be certified by the manufacturer to be bio-degradable within a period of 3 months from installation.



**PART 3 EXECUTION****1. PREPARATION**

- A. Grade Areas to Smooth, Even Surface with Loose, Uniformly Fine Texture:
  - 1. Roll and rake, remove ridges, fill depressions to meet finish grades.
  - 2. Limit such Work to areas to be planted within immediate future.
  - 3. Remove debris, and stones larger than 1 1/2 inches diameter, and other objects that may interfere with planting and maintenance operations.
- B. Moisten prepared areas before planting if soil is dry. Water thoroughly and allow surface to dry off before seeding. Do not create muddy soil.
- C. Restore prepared areas to specified condition if eroded or otherwise disturbed after preparation and before planting.
- D. Limit preparation to those areas that can be sodded within 72 hours after preparation.

**2. FERTILIZER**

- A. Apply evenly over area in accordance with manufacturer's instructions. Mix into top 2 inches of top soil.
- B. Application Rate: 20 pounds per 1,000 square feet (1,000 pounds per acre).

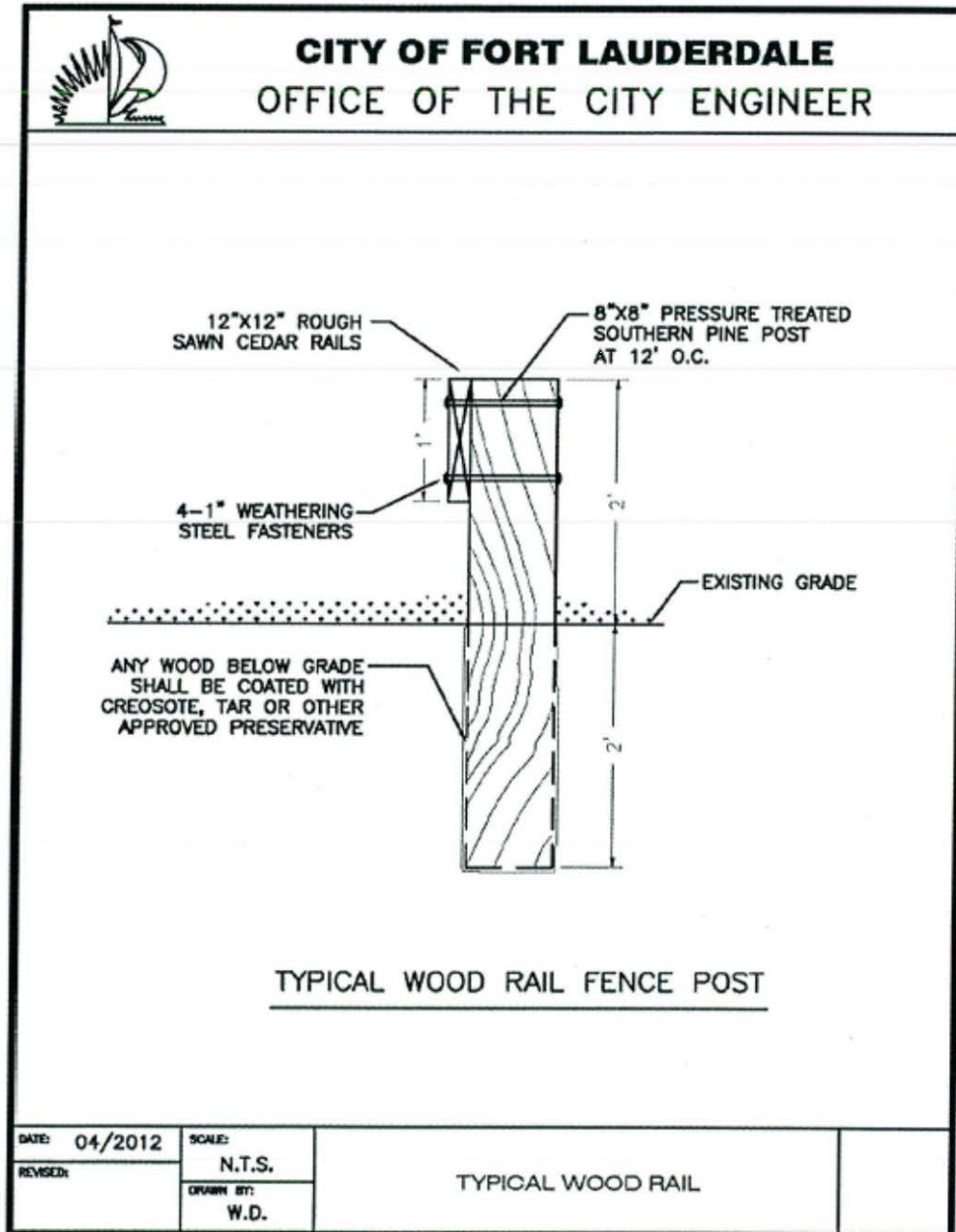
**3. SODDING**

- A. Do not plant dormant sod, or when soil conditions are unsuitable for proper results.
- B. Pre-wet the area prior to placing sod. Lay sod to form solid mass with tightly fitted joints; butt ends and sides, do not overlap:
  - 1. Stagger strips to offset joints in adjacent courses.
  - 2. Work from boards to avoid damage to subgrade or sod.
  - 3. Tamp or roll lightly to ensure contact with subgrade; work sifted soil into minor cracks between pieces of sod, remove excess to avoid smothering adjacent grass.
  - 4. Complete sod surface true to finished grade, even, and firm.
- C. Fasten sod on slopes to prevent slippage with wooden pins 6 inches long driven through sod into subgrade, until flush with top of sod. Install at sufficiently close intervals to securely hold sod.
- D. Water sod with fine spray immediately after planting. During first month, water daily or as required to maintain moist soil to depth of 4 inches.

**4. FIELD QUALITY CONTROL**

- A. Eight weeks after sodding is complete and on written notice from CONTRACTOR, ENGINEER will, within 15 days of receipt, determine if the sod has been satisfactorily established.
- B. If the sod is not satisfactorily established, CONTRACTOR shall replace the sod and repeat the requirements of this Section.

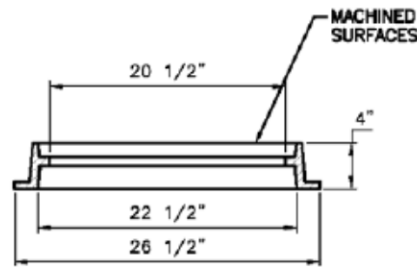
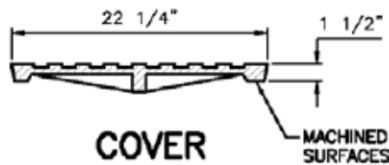
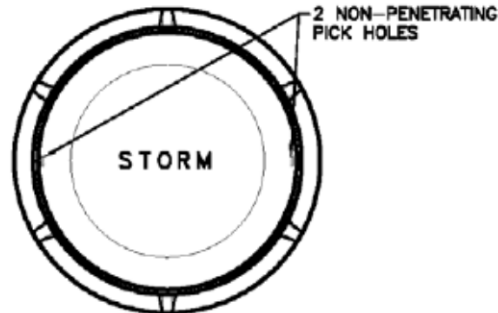
**END OF SECTION 02920**

**DETAILED SPECIFICATIONS (DRAWINGS)**

DS-3



# CITY OF FORT LAUDERDALE OFFICE OF THE CITY ENGINEER



**FRAME**

**NOTES:**

1. MATERIAL: FRAME AND COVER AS SPECIFIED.
2. ADDITIONAL GRADE RINGS MAY BE USED TO ELEVATE EXISTING MANHOLE FRAMES TO RESURFACED GRADE (MAX. 4" HEIGHT).
3. ALL DIMENSIONS ARE NOMINAL.
4. OPTIONAL: HINGED FRAME AND COVER AS SPECIFIED.

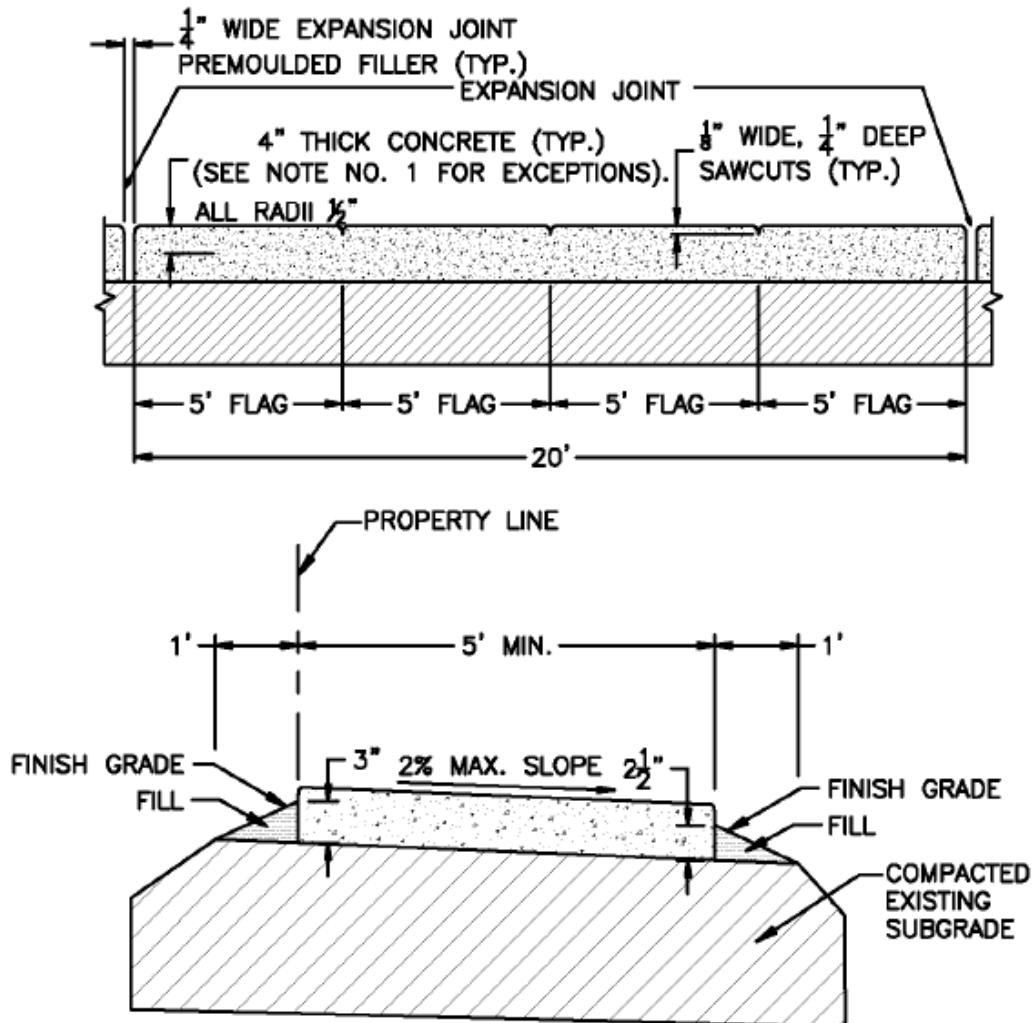
## MANHOLE FRAME & COVER (201)

DATE: FEB'06	SCALE: N.T.S.	MANHOLE FRAME AND COVER UNPAVED AREAS	<b>S</b> <b>201</b> <b>1 of 1</b>
REVISED: MARCH '09	DRAWN BY: R.C.		



# CITY OF FORT LAUDERDALE

## OFFICE OF THE CITY ENGINEER



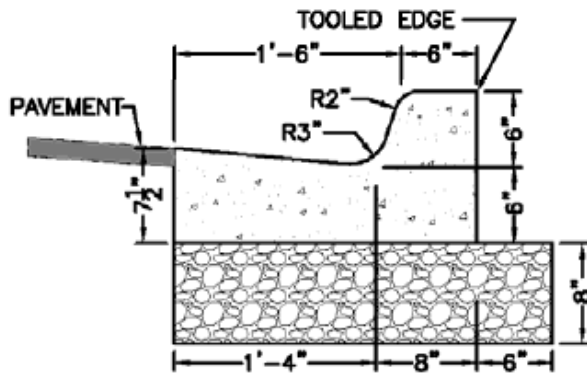
### NOTES:

1. A MINIMUM OF 6" THICK SIDEWALK IS REQUIRED AT SIDEWALKS THROUGH DRIVEWAYS AND ON ALL COMMERCIAL SIDEWALK APPLICATIONS.
2. CONCRETE STRENGTH SHALL BE 3000 P.S.I.
3. THE USE OF REINFORCEMENT WILL NOT BE PERMITTED.
4. SIDEWALK SLOPES SHALL MEET THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA).

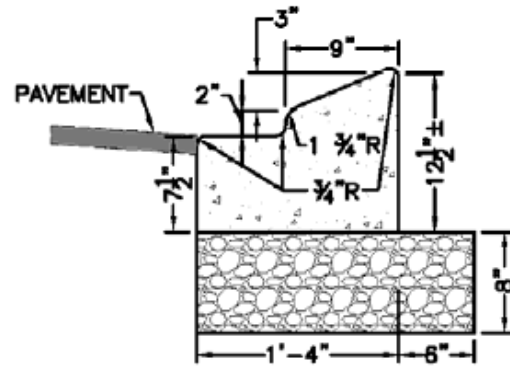
DATE: JAN. '82	SCALE: N.T.S.	SIDEWALK CONSTRUCTION	<b>C</b> 2.1
REVISED: MARCH '09	DRAWN BY:		



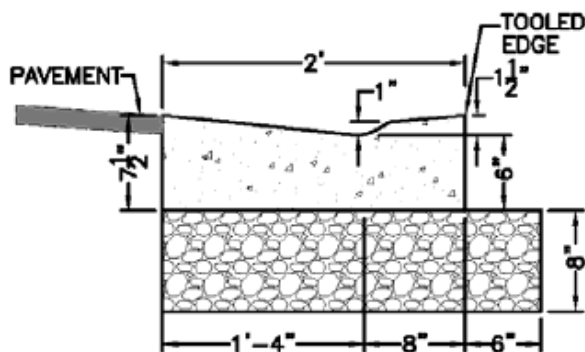
**CITY OF FORT LAUDERDALE**  
**OFFICE OF THE CITY ENGINEER**



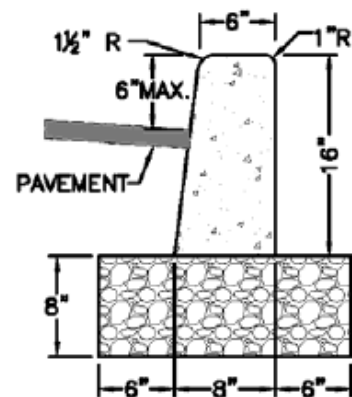
TYPE 'F' CURB & GUTTER



TYPE 'A' MEDIAN CURB



DROP CURB



TYPE 'D'

**NOTE:**

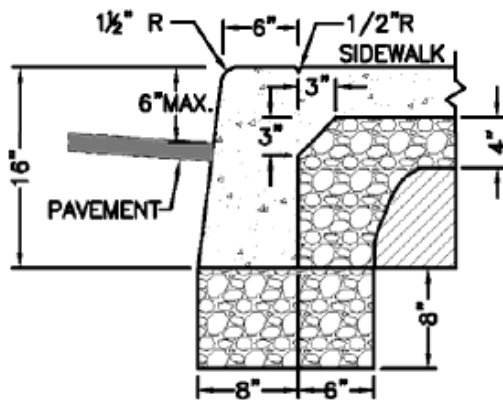
1. ALL CURBS MUST HAVE AN 8" THICK MINIMUM STABILIZED LIMEROCK BASE, COMPACTED TO 98% MAX. DENSITY PER AASHTO T-180.
2. ALL CONCRETE STRENGTH TO BE 3000 P.S.I.

DATE: JAN.'82	SCALE:	STANDARD CURB DETAILS	<b>C</b> 3.1 1 OF 2
REVISED: MARCH '09	N.T.S. DRAWN BY:		

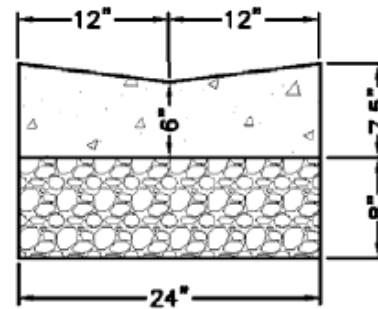


# CITY OF FORT LAUDERDALE

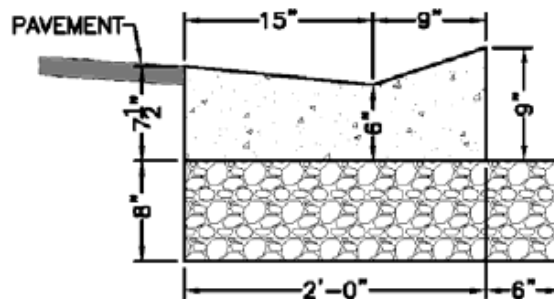
## OFFICE OF THE CITY ENGINEER



**16" CURB WITH SIDEWALK**



**SYMMETRICAL VALLEY GUTTER**  
N.T.S.



**V-GUTTER**

**NOTE:**

1. ALL CURBS MUST HAVE AN 8" THICK MINIMUM STABILIZED LIMEROCK BASE, COMPACTED TO 98% MAX. DENSITY PER AASHTO T-180.
2. ALL CONCRETE STRENGTH TO BE 3000 P.S.I.

DATE: JAN. '82

SCALE:

N.T.S.

REVISED:

MARCH '09

DRAWN BY:

STANDARD CURB DETAILS

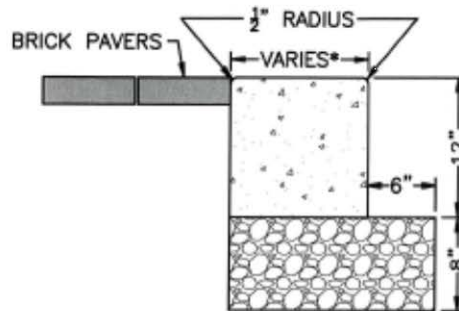
**C**

3.1

2 OF 2



**CITY OF FORT LAUDERDALE**  
OFFICE OF THE CITY ENGINEER



**HEADER CURB**

- \* 18" X 12" FOR ROADWAY
- 12" X 12" FOR WALKWAY & PARKING APPLICATIONS

DATE: JAN. '82	SCALE: N.T.S.	HEADER CURB	<b>C</b> <b>3.3</b>
REVISED: MARCH '09	DRAWN BY:		

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## CITY OF FORT LAUDERDALE OFFICE OF THE CITY ENGINEER

### ADA CURB RAMPS GENERAL NOTES\*:

1. PUBLIC SIDEWALK CURB RAMPS SHALL BE CONSTRUCTED IN THE PUBLIC RIGHT OF WAY AT LOCATIONS THAT WILL PROVIDE CONTINUOUS UNOBSTRUCTED PEDESTRIAN CIRCULATION PATHS TO PEDESTRIAN AREAS, ELEMENTS, AND FACILITIES IN THE PUBLIC RIGHT OF WAY AND TO ACCESSIBLE PEDESTRIAN ROUTES ON ADJACENT SITES. CURBED FACILITIES WITH SIDEWALKS AND THOSE WITHOUT SIDEWALKS ARE TO HAVE CURB RAMPS CONSTRUCTED AT ALL STREET INTERSECTIONS AND AT TURNOUTS THAT HAVE CURBED RETURNS. RAMPS CONSTRUCTED AT LOCATIONS WITHOUT SIDEWALKS SHALL HAVE A LANDING CONSTRUCTED AT THE TOP OF EACH RAMP.

2. THE LOCATION AND ORIENTATION OF CURB RAMPS SHALL BE AS SHOWN IN THE PLANS.

3. CURB RAMP RUNNING SLOPES AT UNRESTRAINED SITES SHALL NOT BE STEEPER THAN 1:12 AND CROSS SLOPE SHALL BE 0.02 OR FLATTER. TRANSITION SLOPES SHALL NOT BE STEEPER THAN 1:12.

WHEN ALTERING PEDESTRIAN FACILITIES WHERE EXISTING SITE DEVELOPMENT PRECLUDES THE ACCOMMODATION OF A RAMP SLOPE OF 1:12, A RUNNING SLOPE BETWEEN 1:12 AND 1:10 IS PERMITTED FOR A RISE OF 6" MAXIMUM AND A RUNNING SLOPE OF BETWEEN 1:10 AND 1:8 IS PERMITTED FOR A RISE OF 3" MAXIMUM. WHERE COMPLIANCE WITH THE REQUIREMENTS FOR A CROSS SLOPE CANNOT BE FULLY MET, THE MINIMUM FEASIBLE CROSS SLOPE SHALL BE PROVIDED.

RAMP RUNNING SLOPE IS NOT REQUIRED TO EXCEED 8' IN LENGTH, EXCEPT AT SITES WHERE THE PLANS SPECIFY A GREATER LENGTH.

4. IF A CURB RAMP IS LOCATED WHERE PEDESTRIANS MUST WALK ACROSS THE RAMP, THEN THE WALK SHALL HAVE TRANSITION SLOPES TO THE RAMP; THE MAXIMUM SLOPE OF THE TRANSITIONS SHALL BE 1:12. RAMPS WITH CURB RETURNS MAY BE USED AT LOCATIONS WHERE OTHER IMPROVEMENTS PROVIDE GUIDANCE AWAY FROM THAT PORTION OF THE CURB PERPENDICULAR TO THE SIDEWALK; IMPROVEMENTS FOR GUIDANCE ARE NOT REQUIRED AT CURB RAMPS FOR LINEAR PEDESTRIAN TRAFFIC.

\* AMENDED FROM FDOT INDEX 304

DATE: JAN.'82	SCALE: N.T.S.	ADA CURB RAMPS	<b>C</b>
REVISED: MARCH '09	DRAWN BY:	(FOR DETAILS C4.2 - C4.9)	<b>4.1</b> 1 OF 2



# CITY OF FORT LAUDERDALE

## OFFICE OF THE CITY ENGINEER

### ADA CURB RAMPS GENERAL NOTES \*: (CONT'D)

5. CURB RAMP DETECTABLE WARNING SURFACE SHALL EXTEND THE FULL WIDTH OF THE RAMP AND IN THE DIRECTION OF TRAVEL 24" FROM THE BACK OF THE CURB. DETECTABLE WARNING SURFACES SHALL BE VANGUARD, ARMOR TILE, OR APPROVED EQUAL.

6. WHERE A RAMP IS CONSTRUCTED WITHIN EXISTING EXISTING CURB, CURB AND GUTTER, AND/OR SIDEWALK, THE EXISTING CURB OR CURB AND GUTTER SHALL BE REMOVED TO THE NEAREST JOINT BEYOND THE CURB TRANSITIONS OR TO THE EXTENT THAT NO REMAINING SECTION OF CURB OR CURB AND GUTTER IS LESS THAN 5' LONG. THE EXISTING SIDEWALK SHALL BE REMOVED TO THE NEAREST JOINT BEYOND THE TRANSITION SLOPE OR WALK AROUND OR TO THE EXTENT THAT NO REMAINING SECTION OF SIDEWALK IS LESS THAN 5' LONG.

7. DETECTABLE WARNING SURFACE COLOR SHALL CONTRAST WITH SURROUNDING SURFACE AS DIRECTED BY CITY ENGINEER (DEFAULT COLOR IS YELLOW).

\* AMENDED FROM FDOT INDEX 304

DATE: JAN. '82	SCALE: N.T.S.	ADA CURB RAMPS  (FOR DETAILS C4.2 - C4.9)	<b>C</b>  4.1 2 OF 2
REVISED: MARCH '09	DRAWN BY:		

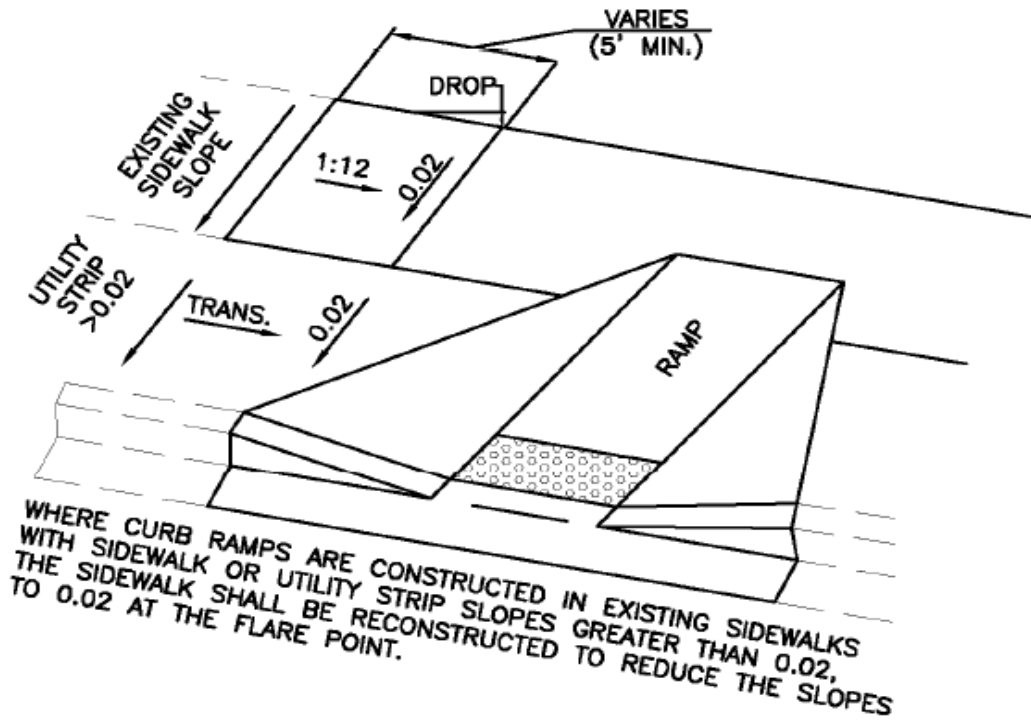


DATE: JAN.'82	SCALE: N.T.S.	TYPICAL PLACEMENT OF PUBLIC SIDEWALK  CURB RAMPS AT CURBED RETURNS	<b>C</b>  <b>4.2</b> 1 OF 2
REVISED: MARCH '09	DRAWN BY:		



# CITY OF FORT LAUDERDALE

## OFFICE OF THE CITY ENGINEER



### SIDEWALK / UTILITY STRIP \* TRANSITION

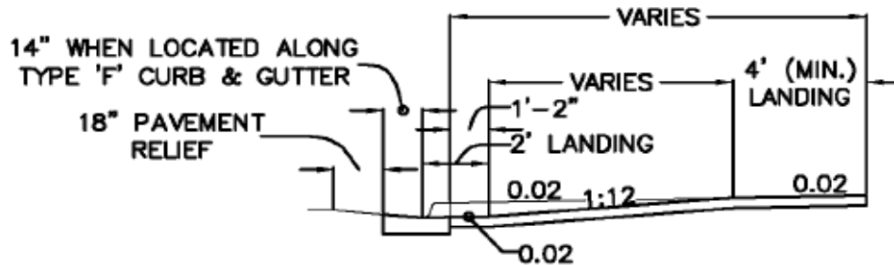
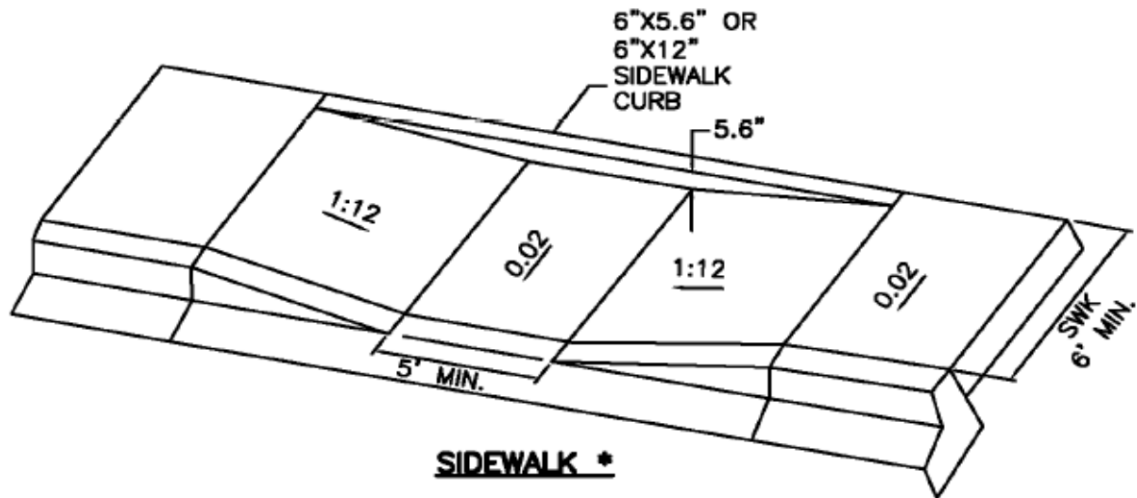
\* AMENDED FROM FDOT INDEX 304

DATE: JAN.'82	SCALE: N.T.S.	TYPICAL PLACEMENT OF PUBLIC SIDEWALK CURB RAMPS AT CURBED RETURNS	<b>C</b> 4.2 2 of 2
REVISED: MARCH '09	DRAWN BY:		



# CITY OF FORT LAUDERDALE

## OFFICE OF THE CITY ENGINEER



**SECTION THROUGH RAMP RUN AND LANDINGS WITH \***  
**UPPER LANDING AT NORMAL SIDEWALK ELEVATION**

\* AMENDED FROM FDOT INDEX 304

DATE: JAN.'81

SCALE:  
N.T.S.

REVISED:  
MARCH '09

DRAWN BY:

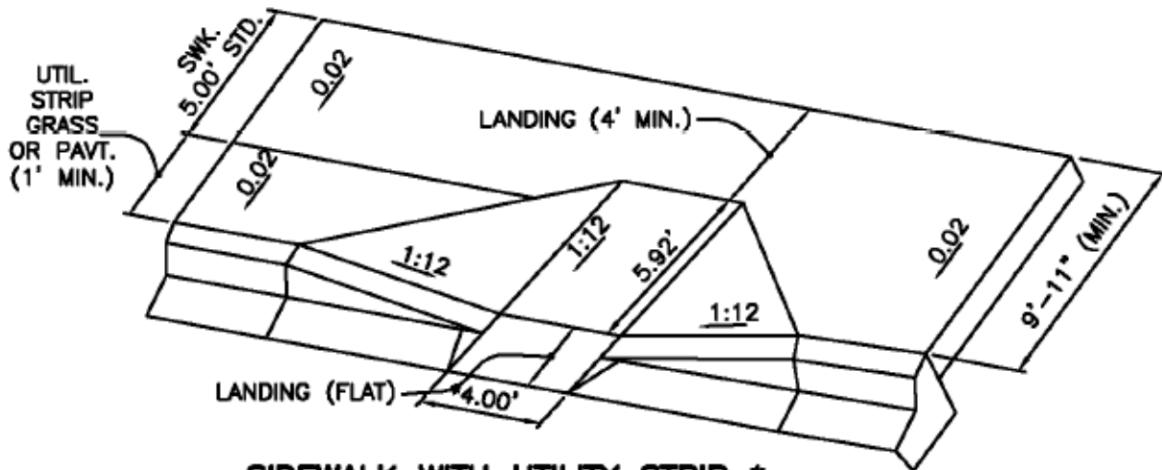
DIMENSIONAL FEATURES FOR PUBLIC  
SIDEWALK RAMPS WHERE RAMP AND  
LANDING DEPTH ARE NOT RESTRICTED BY RW

**C**  
4.3



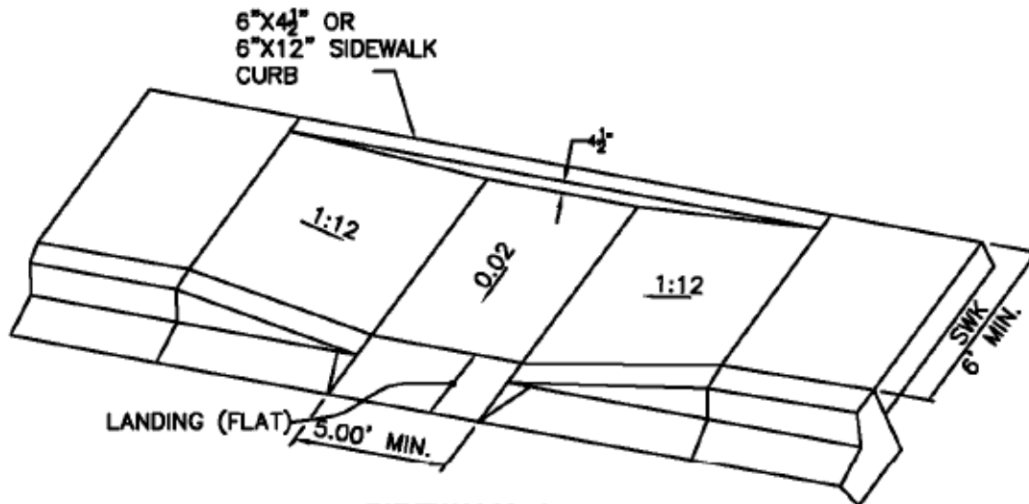
# CITY OF FORT LAUDERDALE

## OFFICE OF THE CITY ENGINEER



### SIDEWALK WITH UTILITY STRIP \*

\*MAY BE REDUCED TO 3' IN RESTRICTED CONDITIONS



### SIDEWALK \*

\* AMENDED FROM FDOT INDEX 304

DATE: JAN.'82

SCALE:

N.T.S.

REVISED:

MARCH '09

DRAWN BY:

DIMENSIONAL FEATURES FOR PUBLIC  
SIDEWALK CURB RAMPS WHERE RAMP  
AND LANDING DEPTH ARE RESTRICTED BY R/W

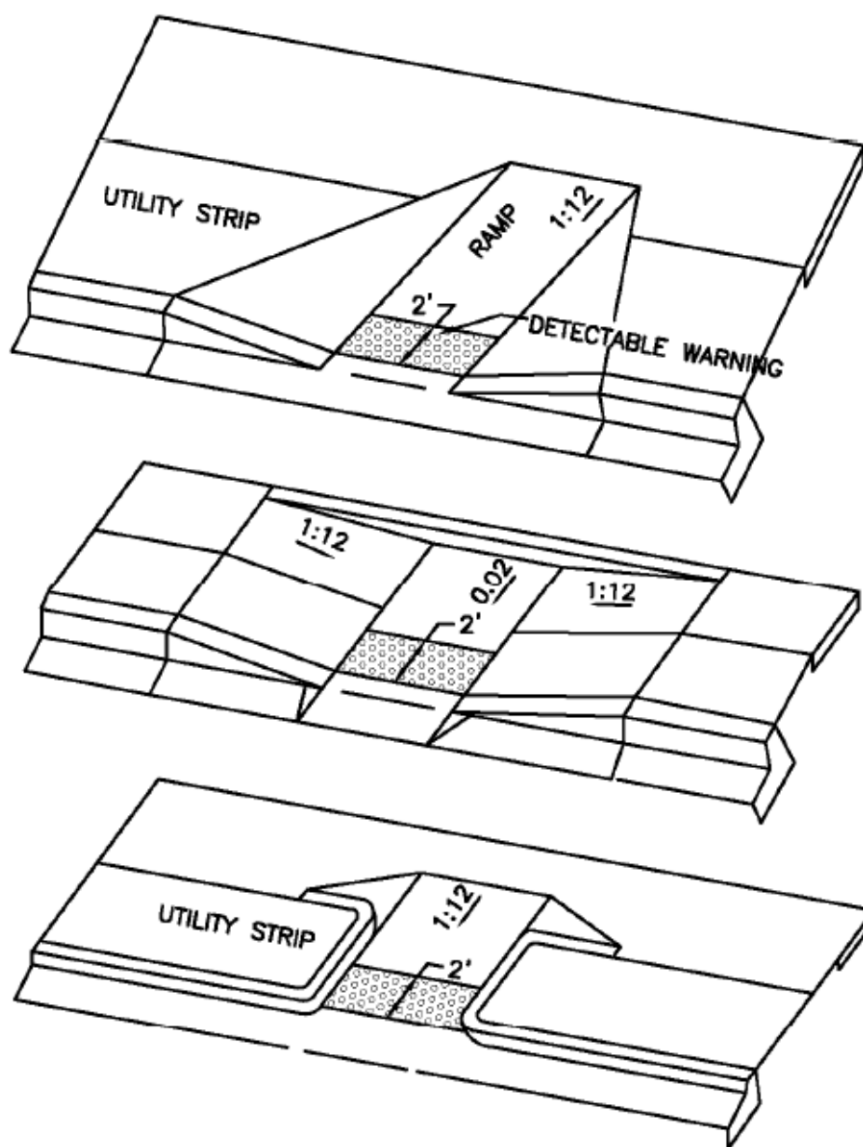
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# CITY OF FORT LAUDERDALE

## OFFICE OF THE CITY ENGINEER

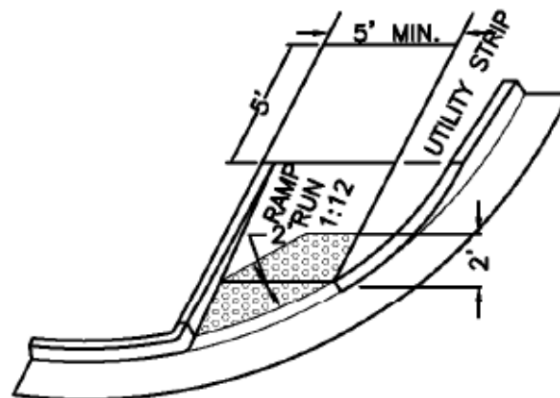
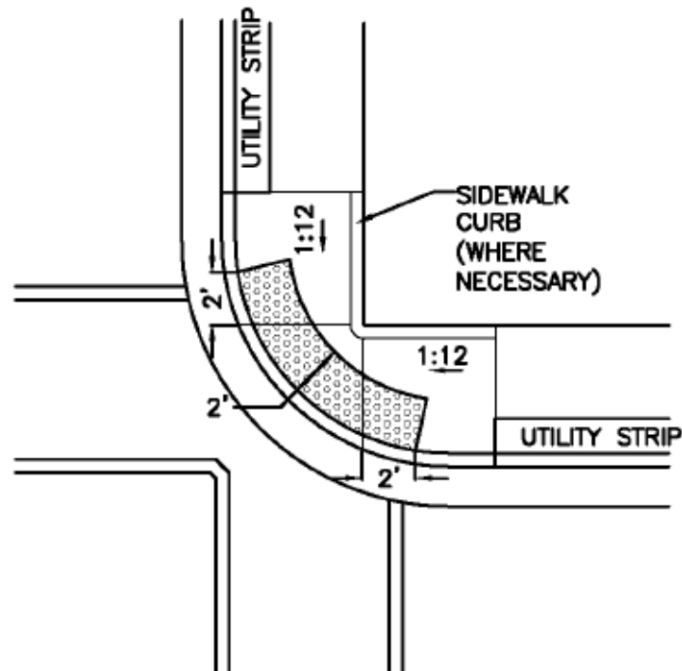


\* AMENDED FROM FDOT INDEX 304

DATE: OCT.'08	SCALE: N.T.S.	TYPICAL PLACEMENT OF DETECTABLE	<b>C</b> 4.5 1 OF 2
REVISED: MARCH '09	DRAWN BY: W.D.	WARNING ON CURB RAMPS	



# CITY OF FORT LAUDERDALE OFFICE OF THE CITY ENGINEER



\* AMENDED FROM FDOT INDEX 304

DATE: OCT.'08

SCALE:  
N.T.S.

TYPICAL PLACEMENT OF DETECTABLE

REVISED:  
MARCH '09

DRAWN BY:  
W.D.

WARNING ON CURB RAMPS

**C**

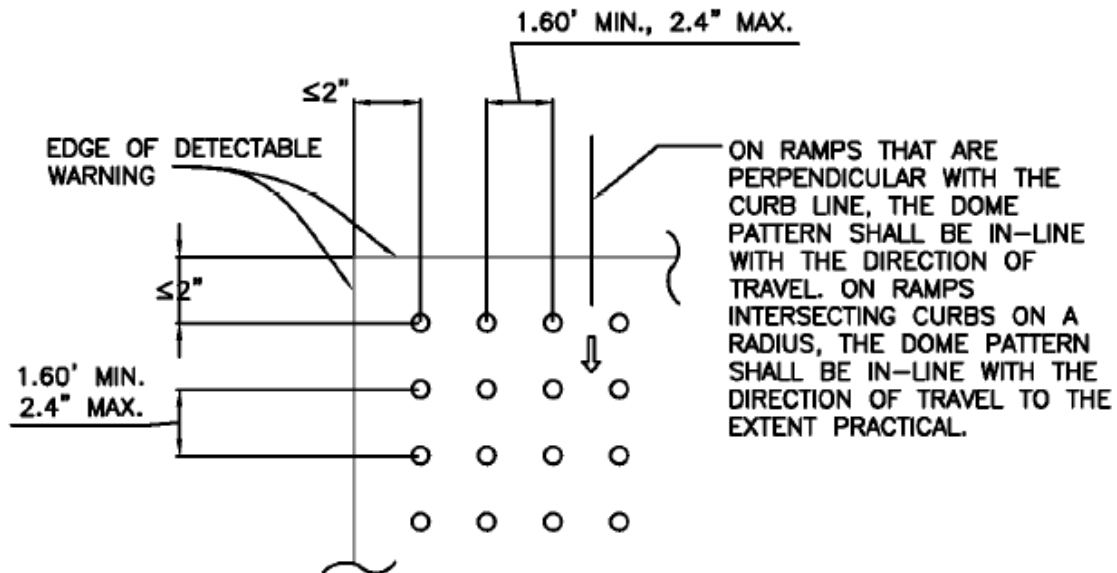
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2 OF 2





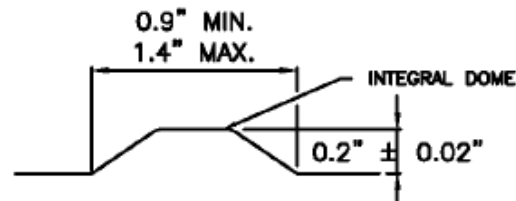
# CITY OF FORT LAUDERDALE

## OFFICE OF THE CITY ENGINEER



BASE-TO-BASE SPACING SHALL BE 0.65" MINIMUM BETWEEN DOMES.

### PLAN VIEW \*



THE TOP WIDTH OF THE DOME SHALL BE A MINIMUM OF 50% AND A MAXIMUM OF 65% OF THE BASE DIAMETER.

### NOTE:

### TRUNCATED DOME \*

ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACE THAT EXTEND THE FULL WIDTH OF RAMP AND IN THE DIRECTION OF TRAVEL 24 INCHES FROM THE BACK OF THE CURB.

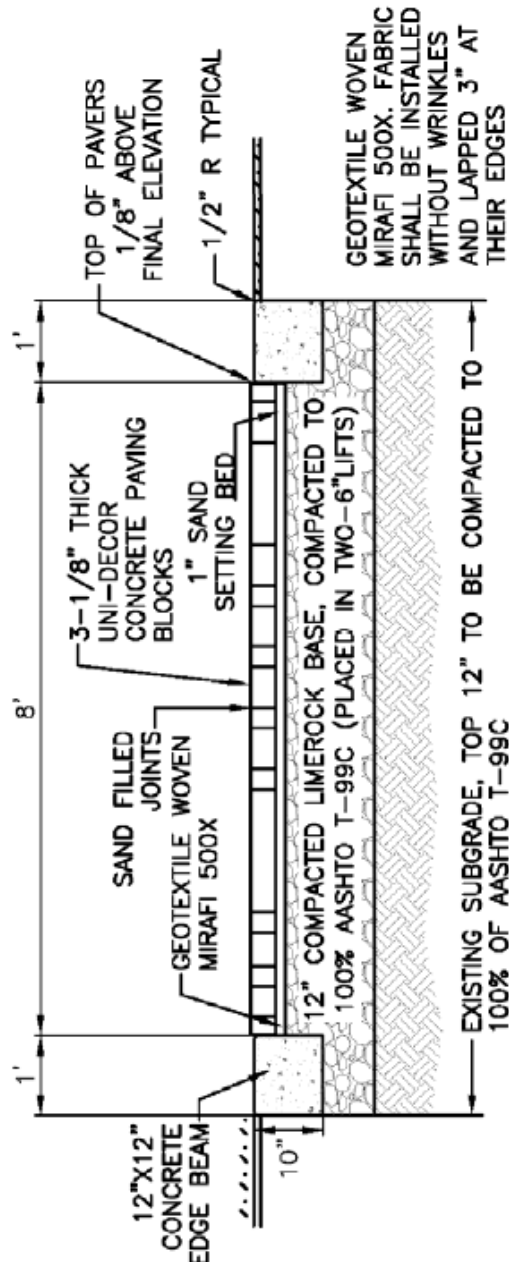
\* AMENDED FROM FDOT INDEX 304

DATE: OCT.'08	SCALE: N.T.S.	CURB RAMP DETECTABLE  WARNING DETAIL	<b>C</b>  4.6
REVISED: MARCH '09	DRAWN BY: W.D.		



# CITY OF FORT LAUDERDALE

## OFFICE OF THE CITY ENGINEER



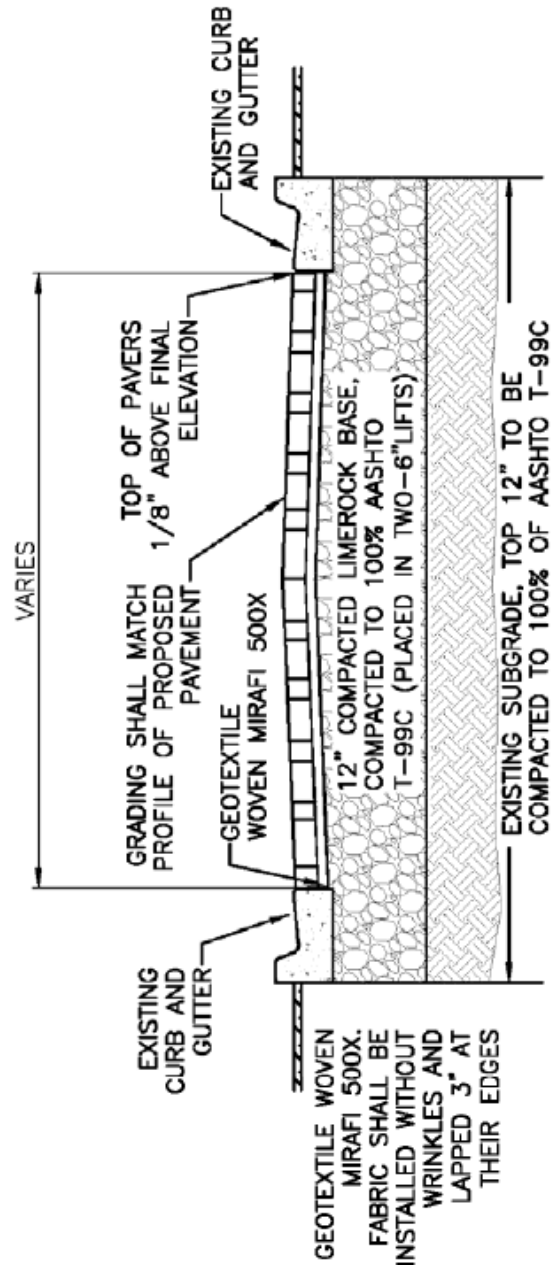
GEOTEXTILE WOVEN  
MIRAFI 500X. FABRIC  
SHALL BE INSTALLED  
WITHOUT WRINKLES  
AND LAPPED 3" AT  
THEIR EDGES

DATE: JAN. '09	SCALE: N.T.S.	PAVERS WITH LIMESTONE BASE	<b>C</b>
REVISED: MARCH '09	DRAWN BY: R.C.	CROSS SECTION	1.4 1 OF 3



# CITY OF FORT LAUDERDALE

## OFFICE OF THE CITY ENGINEER



DATE: JAN.'09

SCALE:

N.T.S.

REVISED:

MARCH '09

DRAWN BY:

R.C.

PAVERS WITH LIMESTONE BASE

LONGITUDINAL SECTION

**C**

1.4

2 OF 3



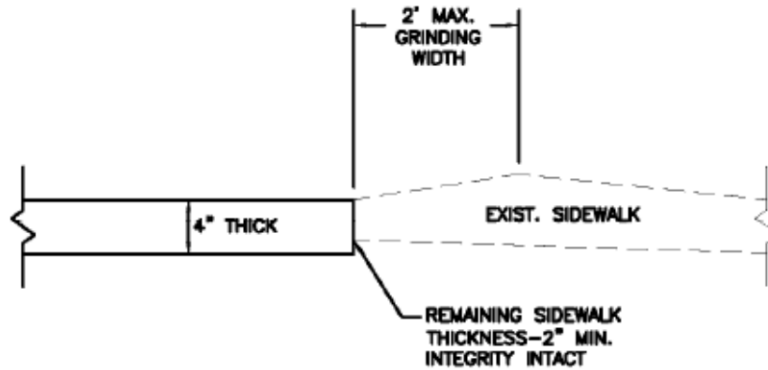
## CITY OF FORT LAUDERDALE OFFICE OF THE CITY ENGINEER

- 1) CONTRACTOR SHALL GIVE SPECIAL ATTENTION TO ACHIEVE COMPACTION REQUIREMENTS AT AREAS ADJACENT TO EDGE RESTRAINTS, CATCH BASINS, AND UTILITY STRUCTURES.
- 2) CONTRACTOR SHALL FORM THE INTENDED SURFACE PROFILE OF THE BASE SO THAT THE PAVERS CAN BE PLACED ON A UNIFORM THICKNESS OF BEDDING SAND.
- 3) SURFACE OF COMPACTED BASE SHALL BE SMOOTH WITH A SURFACE SMOOTHNESS MAXIMUM TOLERANCE OF  $\pm 3/8"$  OVER A 10' STRAIGHTEDGE. UNEVEN AREAS OF THE LIMEROCK BASE SURFACE MUST BE MADE LEVEL PRIOR TO PLACING THE BEDDING SAND. BEDDING SAND SHALL NOT BE USED TO COMPENSATE FOR AN UNEVEN BASE.
- 4) CONTRACTOR SHALL ENSURE THAT ALL SURROUNDINGS CONTAINING EDGES, AND COMPACTED BASE ARE COMPLETED PRIOR TO INITIATING PAVER INSTALLATION.
- 5) BEDDING SAND SHALL CONFORM TO ASTM C33 (CONCRETE SAND) WITH 0% PASSING NO.200 SIEVE. SPREAD BEDDING SAND AT OPTIMUM MOISTURE CONTENT EVENLY OVER BASE AND SCREED SAND TO AN EVEN THICKNESS OF 1" ( $\pm 3/16$ in.). THE SCREED SAND SHOULD NOT BE DISTURBED.
- 6) LAY PAVERS IN THE PATTERN INDICATED. MAINTAIN STRAIGHT JOINT LINES. JOINTS BETWEEN PAVERS SHALL BE CONSISTENT AND BETWEEN 1/16 TO 1/8 INCH WIDE.
- 7) AFTER AN AREA OF PAVERS ARE PLACED, IT SHALL BE COMPACTED WITH A VIBRATING PLATE COMPACTOR, EXERTING 5000 LBS. OF CENTRIFUGAL COMPACTION FORCE, WITH SURFACE CLEAN AND JOINTS UNSANDED. A MINIMUM OF THREE PASSES SHALL BE MADE. PLATE VIBRATOR SHALL HAVE A RUBBER MAT OR ROLLER FEET TO AVOID CHIPPING THE PAVERS.
- 8) JOINT SAND SHALL BE FINER THAN THE BEDDING SAND TO FACILITATE FILLING OF THE JOINTS. THIS CAN OBTAINED BY PASSING THE BEDDING SAND THROUGH A No. 8 SIEVE. AFTER THE FIRST PASS OF THE PLATE COMPACTOR, DRY JOINT SAND SHALL BE SWEEP INTO THE JOINTS AND THE PAVERS COMPACTED, REPEAT THE PROCESS UNTIL THE JOINTS ARE FILLED WITH SAND. WET SAND SHALL NOT BE INSTALLED.
- 9) CONTRACTOR SHALL LEAVE TOP OF PAVERS 3/16" ABOVE FINAL ELEVATION TO COMPENSATE FOR POSSIBLE MINOR SETTLING.
- 10) ALL CUTS TO BE VERTICAL AND TRUE, NO EDGE PIECE TO BE SMALLER THAN 1/3 FULL PAVER SIZE.

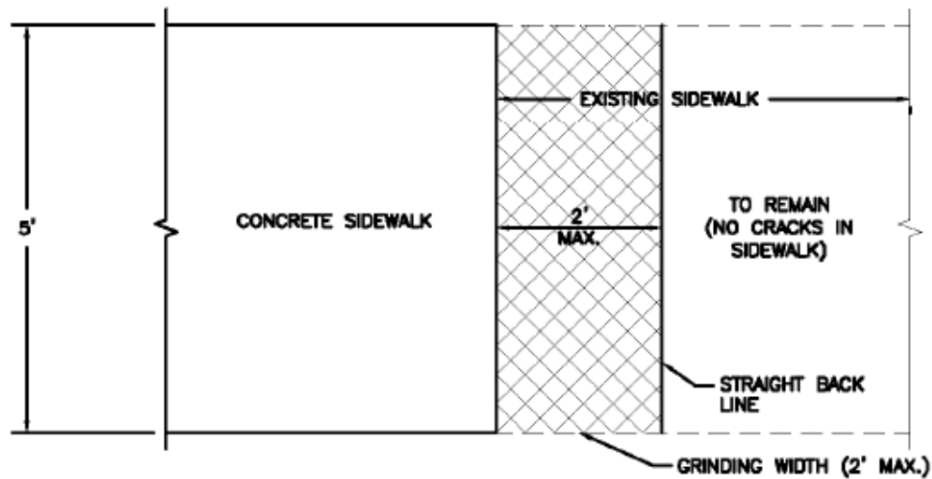
DATE: JAN. '09	SCALE: N.T.S.	PAVERS WITH LIMESTONE BASE	<b>C</b>
REVISED: MARCH '09	DRAWN BY: R.C.	CONSTRUCTION NOTES	1.4 3 OF 3



# CITY OF FORT LAUDERDALE OFFICE OF THE CITY ENGINEER

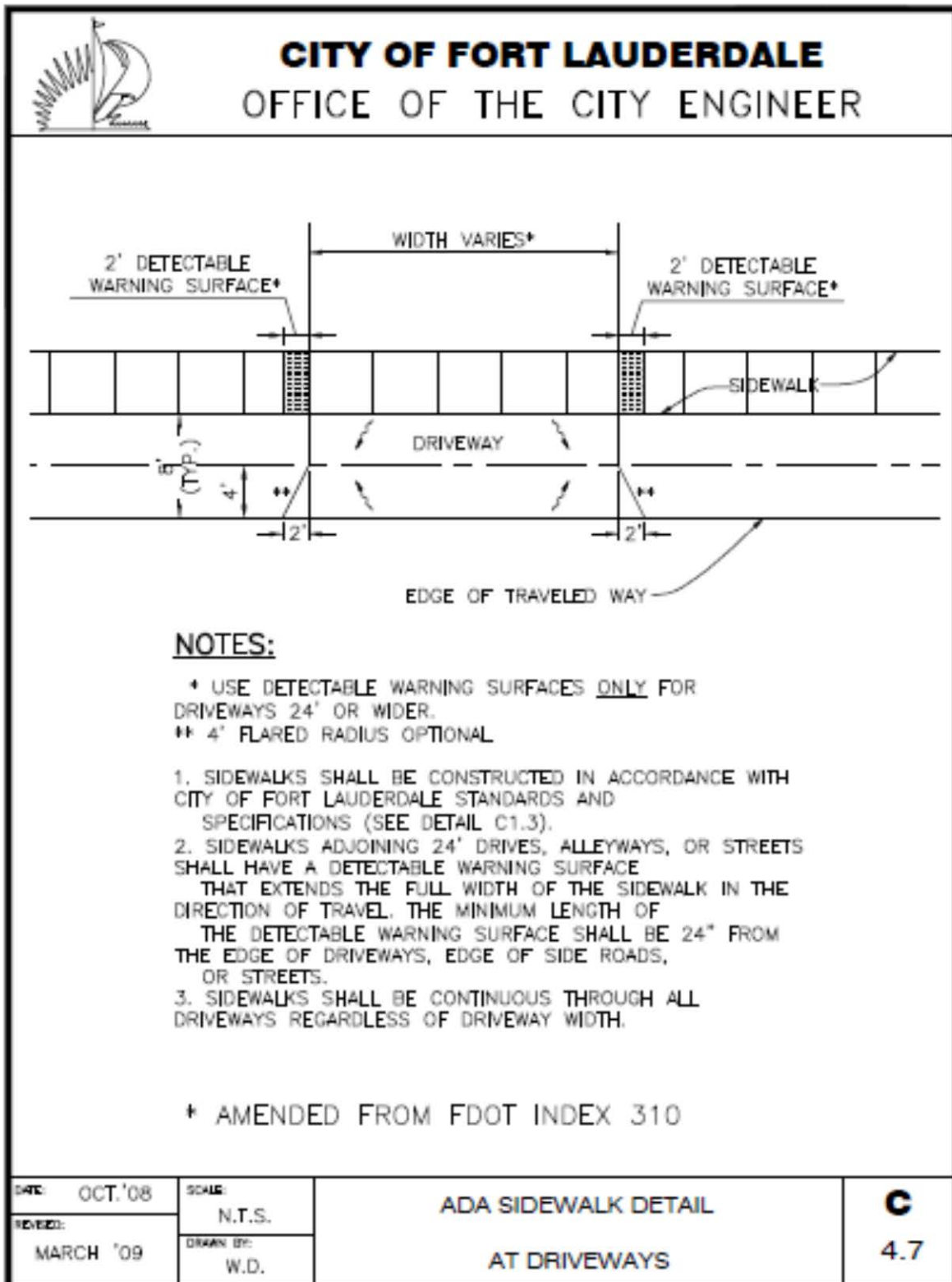


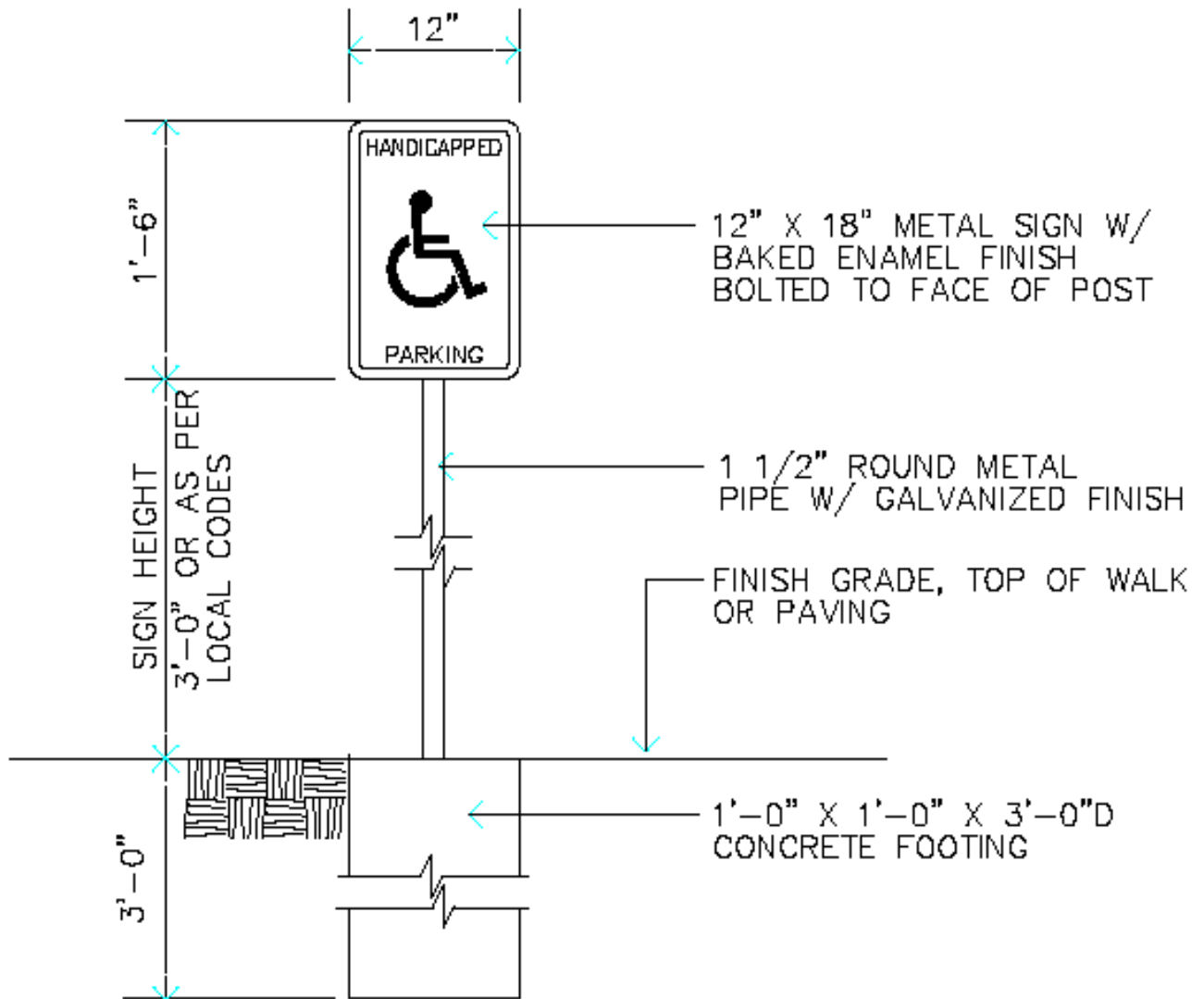
SIDEWALK (SIDE VIEW)



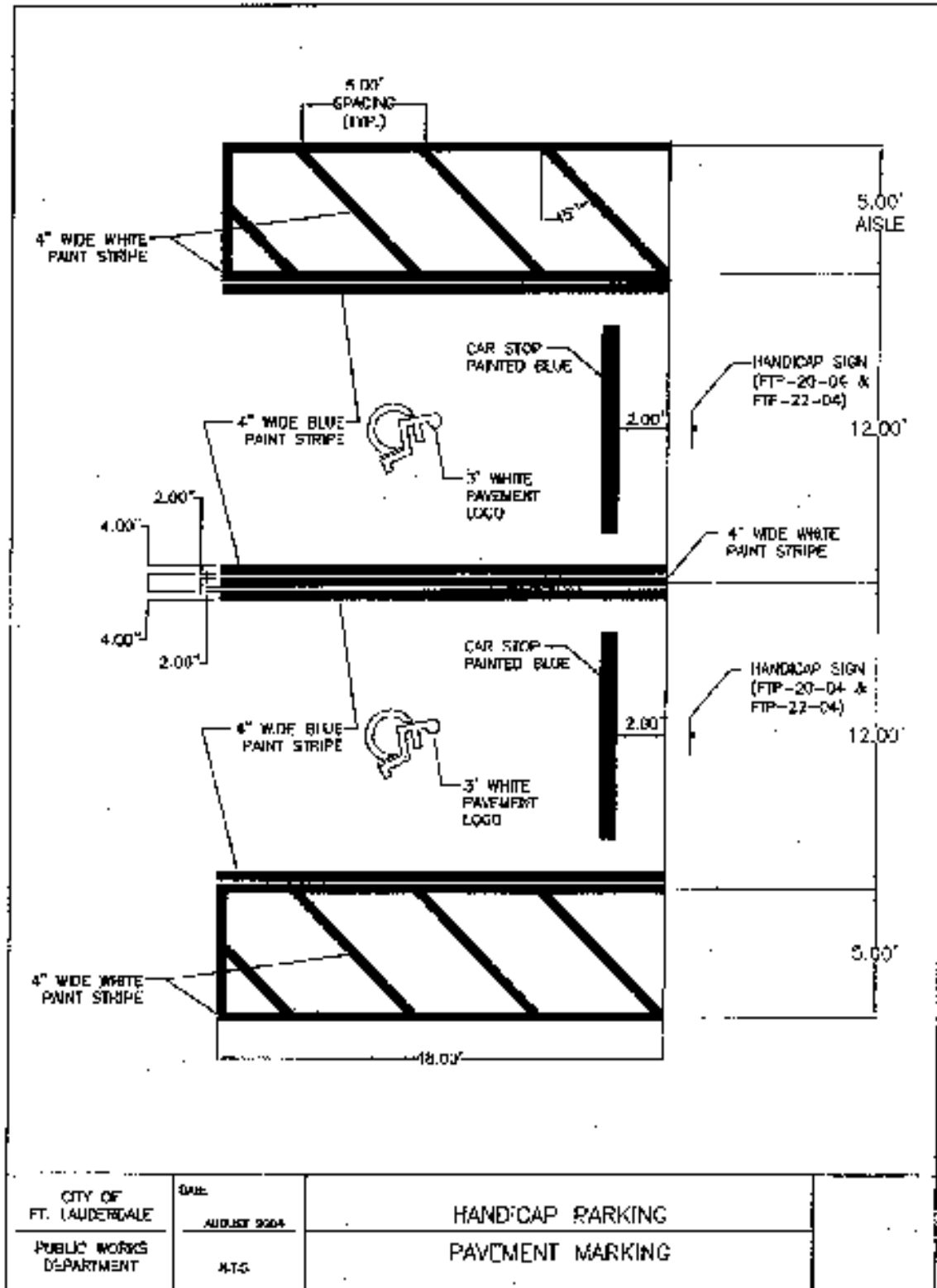
SIDEWALK (PLAN VIEW)  
CONCRETE SIDEWALK GRINDING DETAIL

DATE: 04/2012	SCALE: N.T.S.	CONCRETE SIDEWALK GRINDING DETAIL	
REVISED:	DRAWN BY: W.D.		

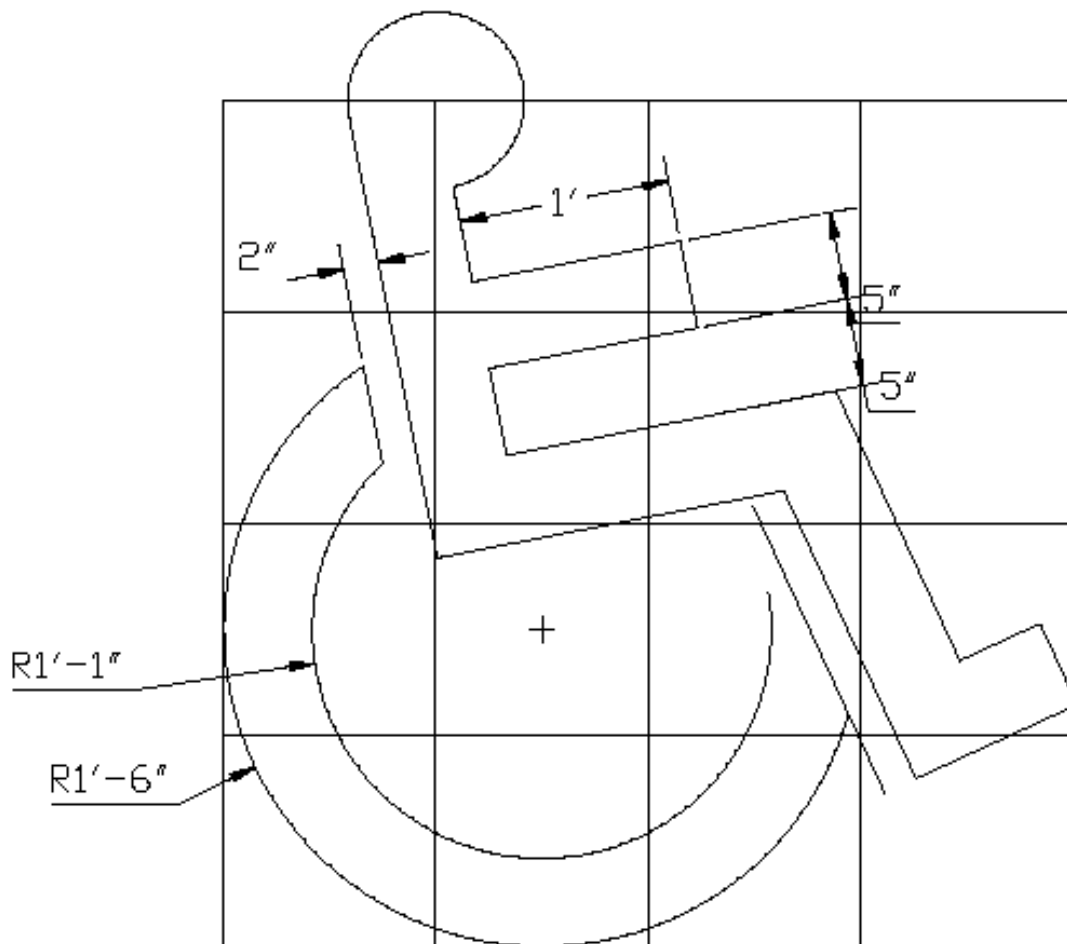


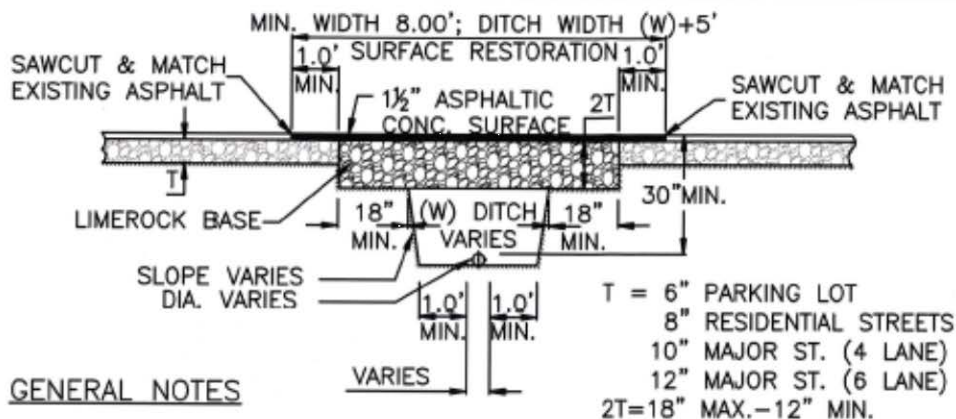


HANDICAPPED POLE DETAIL






**HANDICAPPED SYMBOL**



### GENERAL NOTES

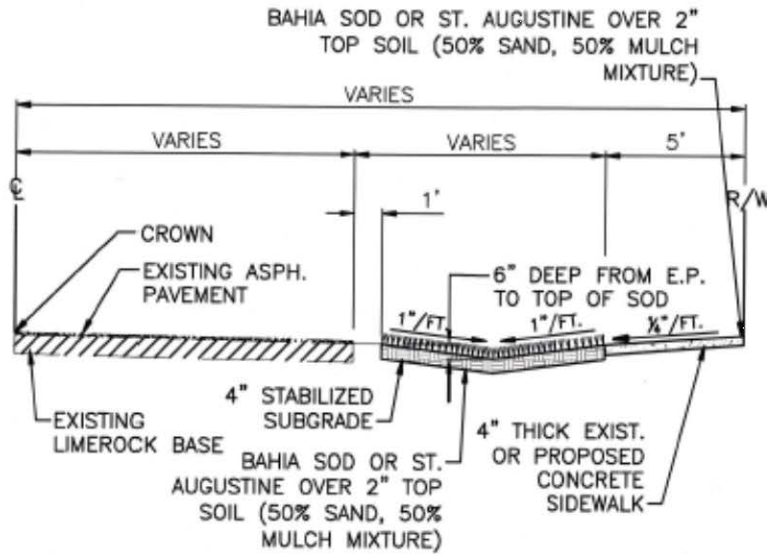
1. REPLACED BASE MATERIAL OVER DITCH SHALL BE TWICE THE THICKNESS OF THE ORIGINAL BASE. MINIMUM 12", MAXIMUM 18".
2. BASE MATERIAL SHALL BE PLACED IN LAYERS NOT THICKER THAN 6" COMPACTED THICKNESS AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO 98% OF MAXIMUM DENSITY, PER AASHTO T-180.
3. ASPHALT PAVEMENT JOINTS (ASPHALTIC CONCRETE) SHALL BE MECHANICALLY SAWED.
4. NEW SURFACE MATERIAL WILL BE D.O.T. TYPE III ASPHALTIC CONCRETE.
5. BASE MATERIAL SHALL HAVE A MINIMUM LBR OF 100 & MINIMUM CARBONATE CONTENT OF 70% FOR MAJOR STREETS AND 60% FOR RESIDENTIAL STREETS.
6. IF THE DITCH IS FILLED TEMPORARILY, IT SHALL BE COVERED WITH A 2" ASPHALTIC CONCRETE PATCH ON MAJOR STREET AND 1-1/2" ASPHALTIC CONCRETE PATCH ON RESIDENTIAL STREET AND PARKING LOT TO KEEP THE FILL MATERIAL FROM RAVELING UNTIL PLACED WITH A PERMANENT PATCH.
7. SUBGRADE SHALL BE COMPACTED TO 100% OF DRY DENSITY PER AASHTO T-99 AND SHALL BE PLACED IN LIFTS NOT TO EXCEED 12" MAXIMUM, LOOSE MEASUREMENT.
8. PAVEMENT RESTORATION DUE TO PLACEMENT OF 4" GAS MAINS OR LARGER SHALL BE AS SHOWN ON THIS DETAIL WITH A 3" MINIMUM WIDTH AND PLACEMENT OF CONTINUOUS METALLIC TAPE OR #12 WIRE WRAPPED AROUND THE PIPE(S).
9. THE PROVISIONS IN THIS DETAIL SUPERSEDES ALL OTHER RELATED PROVISIONS MENTIONED IN CITY OF FORT LAUDERDALE CONSTRUCTION STANDARDS AND SPECIFICATIONS.

DATE: APRIL '04	SCALE: N.T.S.	RESTORATION OF PAVEMENT  UTILITY CROSSING	 <b>P</b>  <b>4.1</b>
REVISED: MARCH '09	DRAWN BY:		



# CITY OF FORT LAUDERDALE

## OFFICE OF THE CITY ENGINEER



**NOTE:**  
CONTRACTOR SHALL CENTER BOTTOM OF SWALE BETWEEN  
EDGE OF PAVEMENT AND R/W LINE IF NO SIDEWALK EXISTS.

DATE: FEB. '06

SCALE:

N.T.S.

REVISED:

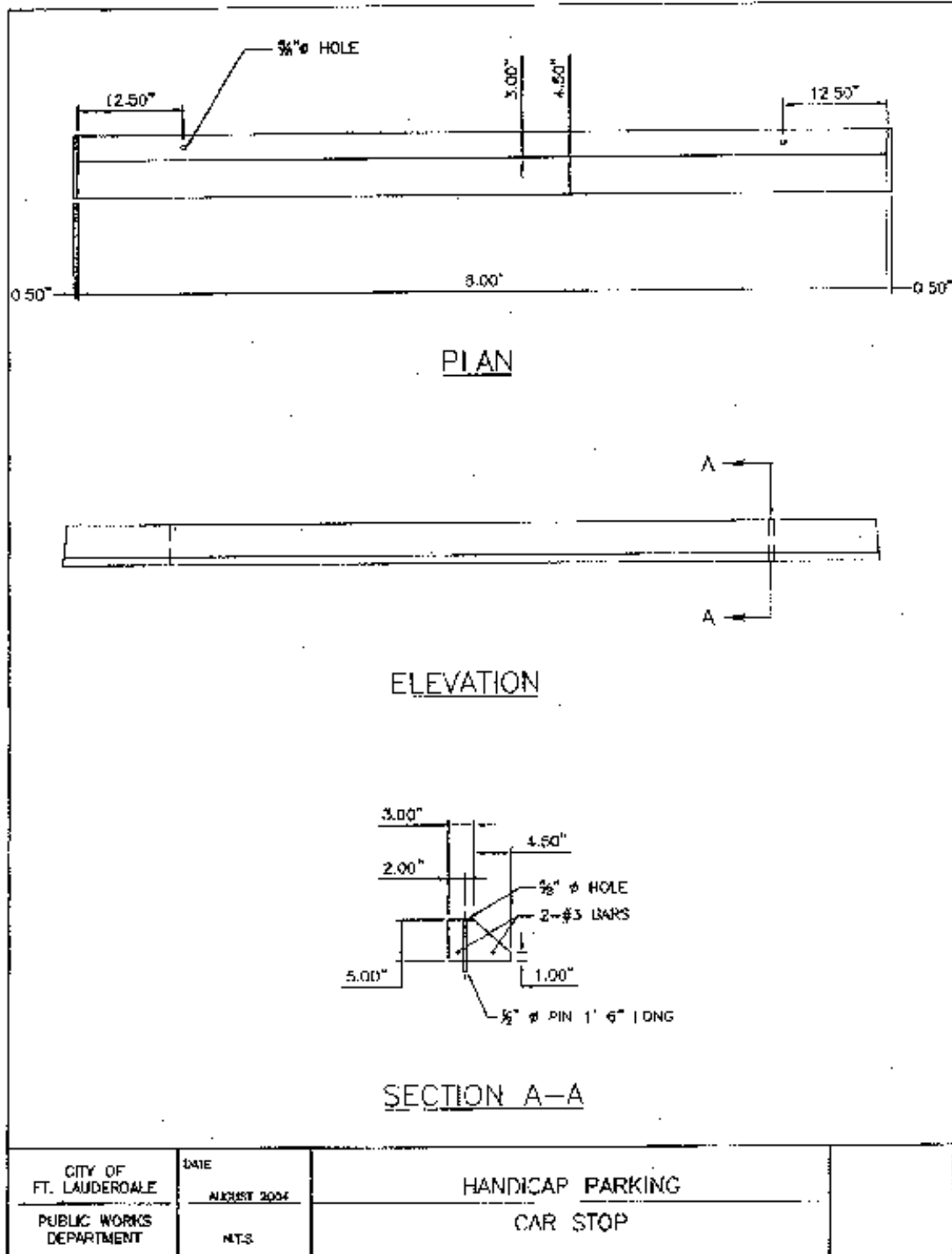
MARCH '09

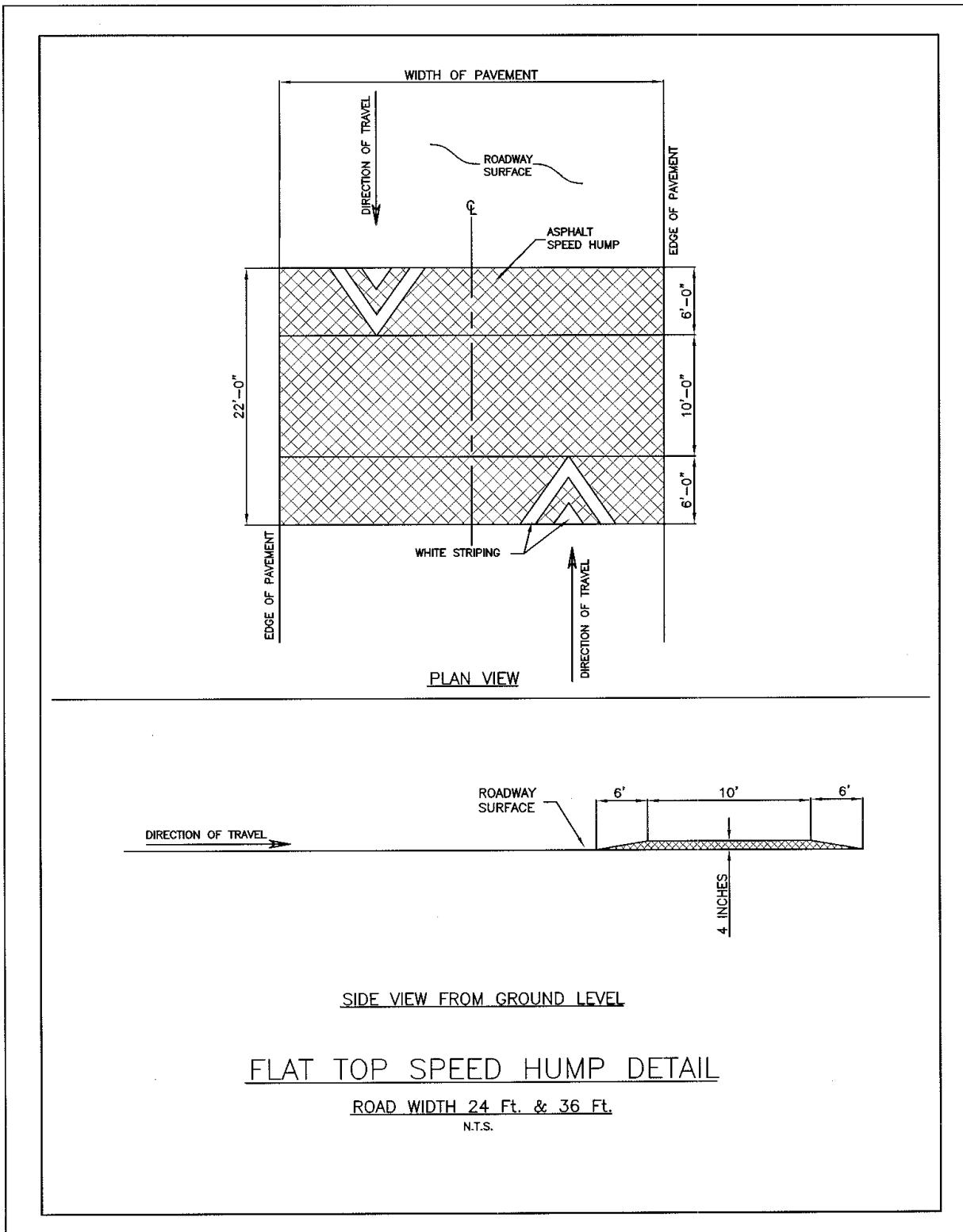
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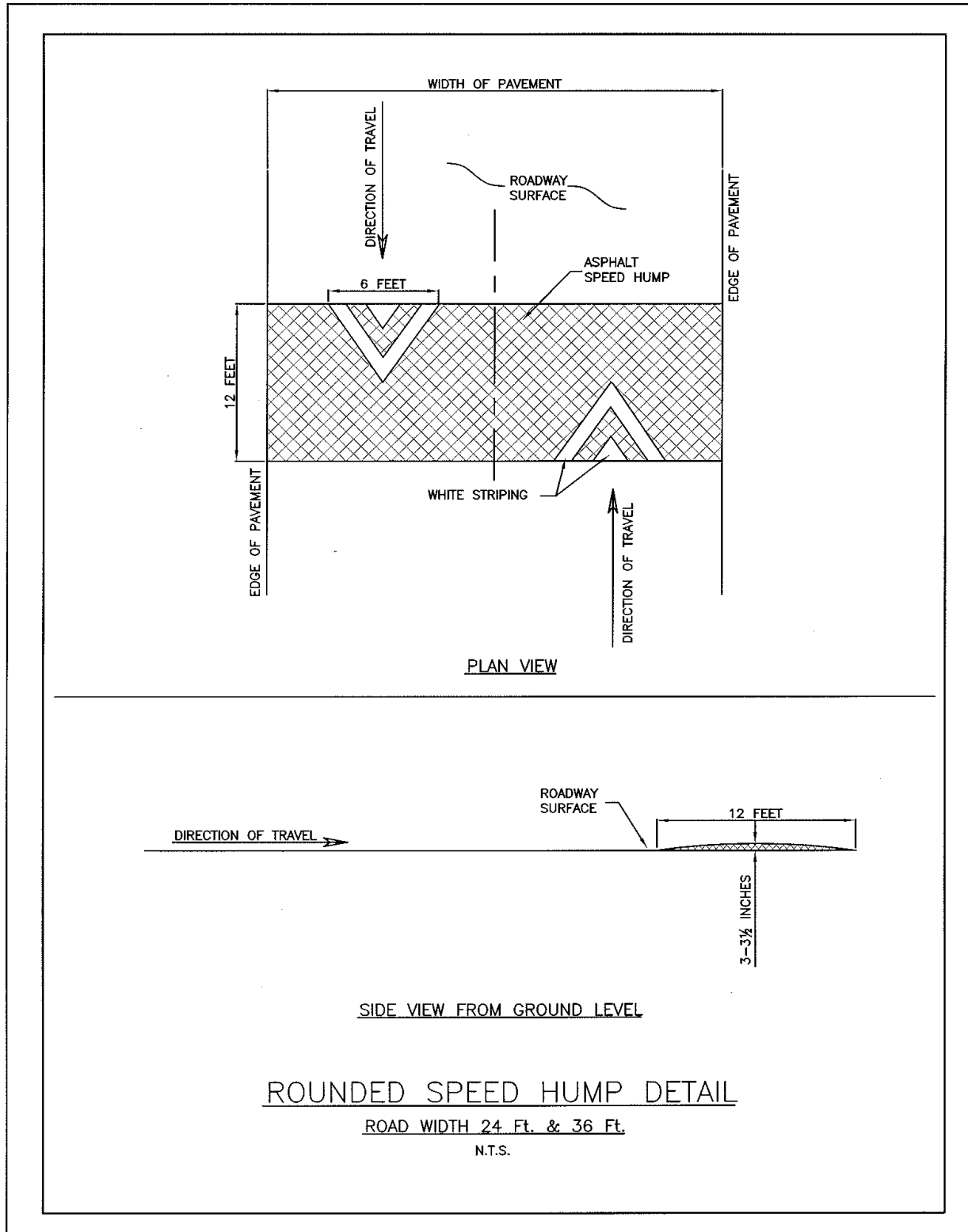
A.C.

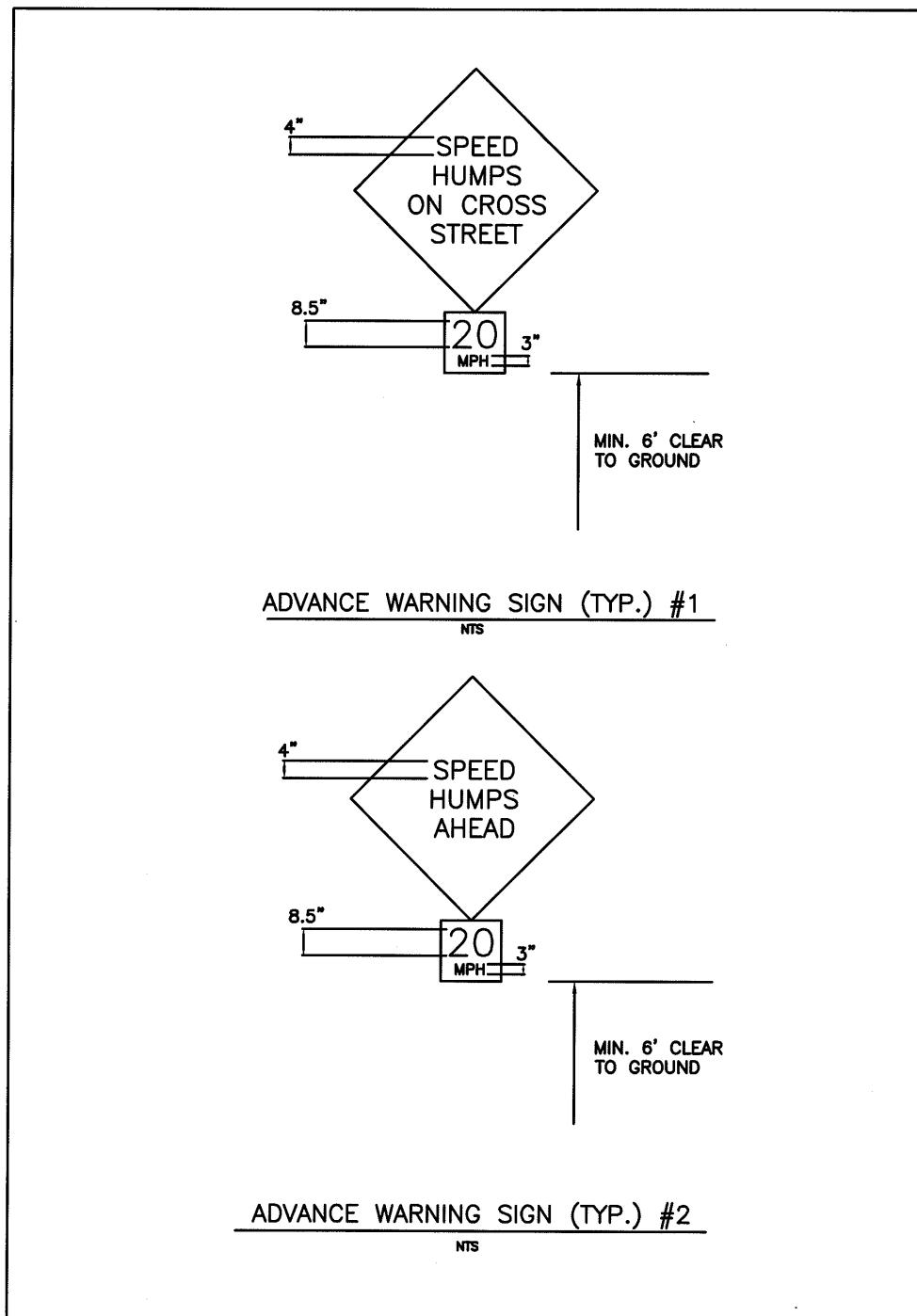
**6" SWALE PROFILE****D****4.2**

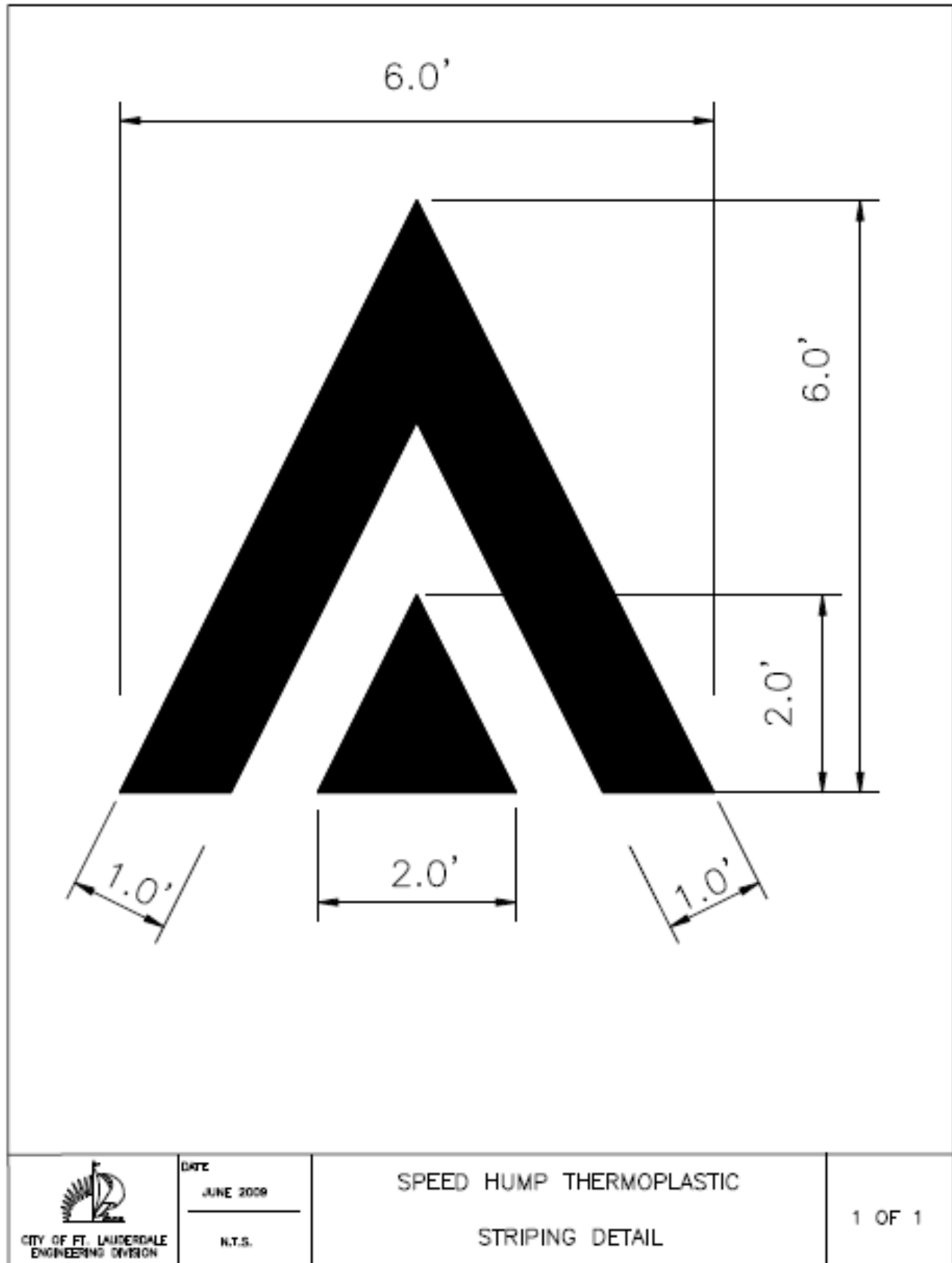
P:\dwg\INTERNAL\DETAILS\CLEAN DETAILS\DETAILS FOR BLUE BOOK\CFL-BB-D4.2.DWG, 3/12/2009 11:10:52 AM, RamonC



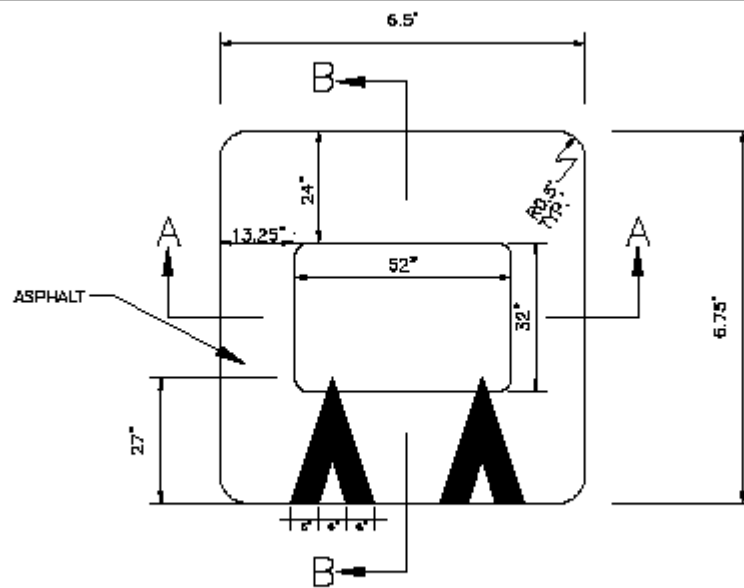




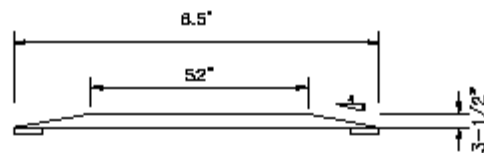




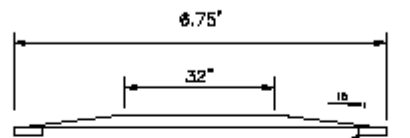




PLAN VIEW



SECTION A-A



SECTION B-B

KEY ALL SIDES  
OF K 1.0"

ASPHALT SPEED CUSHION



CITY OF FT. LAUDERDALE ENGINEERING DIVISION

## **STAMPED ASPHALT SPECIFICATIONS**

### Full Milling of Pavement for Flush Installation

The installation area boundaries shall be saw-cut prior to excavating the pavement materials for a clean straight, full depth edge. All pavement materials shall be milled and all excess material removed. The depth of the milled area shall allow the depth of the imprint material to be maintained within a range of 0.6-inch to 0.8-inch depth across the entire installation. The existing pavement must be free of cracks. The milling process will not necessary remove existing pavement cracks.

### SURFACE PREPARATION

The pavement surface shall be dry and clean: free of all dirt, debris, salts, concrete admixtures and any chemical residues.

- A. Bituminous residue must be removed from new pavement surface prior to installation of imprint.
- B. Removal of contaminants may be done by brooming, compressed air, pressure washing or if necessary, light-grit blasting. Wire brush may be used to remove loose or powdery materials.
- C. Surfaces with a high degree of porosity require a primer before imprint is installed. Thermobond primer available from integrated Paving Concepts Inc. is the recommended primer.

### INSTALLATION OF IMPRINT

Imprint is to be installed only by an accredited imprint installer.

- A. Application temperature conditions:
- B. Application thickness: imprint is to be applied at a thickness of 0.6-inch to 0.8-inch.
- C. For substrates that have properly installed control joints to the extent where possible, it is recommended to lay the imprint pattern in such a way that the natural joints of the pattern coincide with the construction joints in the substrate. To help mitigate reflective cracking through to the imprint, a construction joint coinciding with the substrate control joint must be installed in the imprint.
- D. The imprint material shall be prepared for installation utilizing a heating kettle specifically designed for hot applied polymer modified synthetic asphalt surface treatment and capable of mixing components to a homogenous consistency. The material shall be heated within the temperature range of 374°F – 410°F prior to installation. To preserve the integrity of the material, do not overheat the imprint material.

- E. The imprint material shall be uniformly distributed onto the pavement surface by means of preheated finishing irons.
- F. The heated and mixed material is hand applied over the prepared surface at an average depth of between 0.6-inches and 0.8-inches. Grade control devices may be used by the accredited imprint installer to ensure the proper thickness is obtained.
- G. Interface with adjacent surfaces shall be flush, providing smooth transition from surface to surface. Precautions to protect the immediate perimeter around the installation are to be taken.
- H. Applying the sand cover: Immediately apply the dried silica sand at an approximate rate of 0.2 lb./SF. The placement of this material does not require any compaction.
- I. Imprinting the pattern design: The accredited imprint installer will stamp the pattern into the semi-molten material immediately after the silica sand application using an approved mold. The mold is pressed into the material to a depth of between 0.2 inches and 0.04 inches, depending on the thickness of the material.
- J. After initial set, remove excess aggregate by hand or suction sweeping prior to opening to traffic.
- K. Heat all cold edges to ensure good adhesion between successive applications of material.

CONTRACTOR PERFORMANCE EVALUATION

Task Order: \_\_\_\_\_

Date: \_\_\_\_\_

	CRITERIA	1	2	3	4
1	<b>SAFETY:</b> Contractor is in compliance with Florida Trench Safety Act. Contractor is maintaining his HASP and AHA. Contractor uses temporary controls to protect public.				
2	<b>SUPERVISION:</b> Contractor provides adequate, experienced and competent supervision for his own crews and the work of subcontractors.				
3	<b>SCHEDULE:</b> Contractor is making timely and complete submittal of construction schedules in P3 format and diligently pursues completion of the work to meet the construction schedule of the Task Order.				
4	<b>QUALITY:</b> Contractor is maintaining access and meeting MOT requirements. Completed construction is meeting contract requirements, quality standards and passing inspection with a minimum of rework. Contractor work passes testing without rework. Contractor is ready for testing when scheduled. Contractor uses specified and approved materials.				
5	<b>SUBMITTALS:</b> Contractor's submittals are complete, timely and accurate.				
6	<b>UTILITY CONFLICTS:</b> Contractor notifies Sunshine State One-Call and affected utilities before commencing work. Contractor verifies utility locations.				
7	<b>PROJECT RECORDS:</b> Contractor is keeping and making timely and accurate submittal of required construction progress records. Contractor is making timely submittal of required contract close-out records.				
8	<b>TIMELY NOTIFICATIONS:</b> Contractor meets requirements for advance notice of utility shutdown, system operation, notification to residents, police and fire department of street closings, testing, and demolition.				
9	<b>CONTRACTOR COORDINATION:</b> Contractor cooperates with other contractor activities in the project area. Contractor coordinates with utility operations. Contractor coordinates activities to minimize disruption to Owners operations and				

	provide continued access.				
10	PAYMENT: Contractor is making timely submittal of sufficient and accurate progress payment requests and does not make unjustified claims for additional expenses.				
11	JOB SITE MAINTENANCE: Contractor maintains construction site in accordance with contract requirements. Contractor provides timely restoration in accordance with contract provisions. Contractor manages site drainage and dewatering in accordance with the contract requirements.				
12	RESIDENT COMPLAINT RESPONSE: Contractor is responsive and prompt in efforts to resolve resident complaints related to construction activities. Contractor does not unduly interrupt residential services.				

Total Points				
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Performance ranking is low to high 1(not in compliance) 4(fully compliant)

### Construction Contractor Performance Assessment Procedure

The Construction Manager, Supervisor of Inspectors, and Program Construction Manager will meet monthly and evaluate Contractor performance concurrent with the Contractor's progress payment request for each active Task Order. Rankings of 2 (non-compliance) will require supporting annotation detailing the basis of decision. A Contractor's ranking on a monthly basis will range from 12 (complete non-compliance) to 48 (full-compliance).

The monthly performance ranking will become part of the formal program and is to be the basis for recommendation for performance correction actions on the part of the Contractor. A monthly ranking of less than 70% of full compliance or 34 points will be considered unacceptable. Results and the need for corrective action will be discussed with the Construction Contractor's Project Superintendent at the next construction progress meeting.

The Program Construction Manager will maintain a graphical representation of the Contractor's monthly performance ranking throughout the course of the project. When an additional Task Order is being considered for assignment, the Construction Manager will meet with the Program Manager and the Program Director to make a recommendation on the award of subsequent work. An average total ranking of less than 70% will be considered unacceptable although continued improvement and the specific nature of the project may be taken into consideration. The decision to recommend or to not recommend award of subsequent work will be based upon the current assessment of the Contractor's performance, the Construction Contractor's responsiveness to requests for improvement (as evidenced by graphical trend), and upon other such factors relating to the City's best interests as might arise during the course of the program. Contractors with aggregate rankings of less than 70% may be precluded from bidding on future General Construction services contracts issued by the City.

ITB 273-11832

PROJECT TITLE: Annual Contract for Transportation and Mobility Capital Improvements

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**ADDENDUM NUMBER 1**DATE: 11/10/16

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The following Addendum is hereby made a part of the Plans and Specifications and shall be included with all contract documents:

Acknowledge receipt of this Addendum by inserting its number and date on the Construction Bid Certification.  
**All changes are in bold, red italics.**

1. **REPLACE:** Replace INVITATION TO BID Page with the attached INVITATION TO BID.

All other terms, conditions, and specifications remain unchanged.

*James T. Hemphill*  
Senior Procurement Specialist

Company Name: \_\_\_\_\_

(please print)

Bidder's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

### **INVITATION TO BID**

Sealed bids will be received electronically until 2:00 P.M., local time, on **FRIDAY, DECEMBER 16, 2016**, and opened immediately thereafter in the 5th Floor Conference Room, City Hall, City of Fort Lauderdale, Florida, 100 North Andrews Avenue, for **BID NO., 273-11832, ANNUAL CONTRACT FOR TRANSPORTATION AND MOBILITY CAPITAL IMPROVEMENTS**

The work includes, but is not limited to, furnishing all labor, tools, equipment, materials and supplies to complete the site preparation. Work includes the installation of asphalt and concrete repairs (including the ability to make minor slope changes), compacted limerock base, construction of greenways and sidewalks, seal-coating, temporary parking space striping, painted and thermoplastic parking space striping (standard and ADA compliant spaces), pavement markings including bike lanes and midblock crosswalks, pedestrian and school zone signalization, ADA compliant curb ramps and parking related signage as needed to bring the City of Fort Lauderdale Transportation & Mobility, Parking Services Department's parking facilities into compliance with ADA Guidelines, traffic calming infrastructure, in addition to new parking lots being constructed under this contract. Work includes construction of concrete sidewalk (4" and 6" thick), various concrete curbs as noted by detail specifications, brick pavers, type S-3 asphaltic concrete pavement, speed humps, stamped asphalt, pervious concrete and brick pavers, limerock base of various depths, installation of thermostatic and/or painted pavement markings, signalization equipment, sod, landscaping, irrigation and lighting; and removal of asphalt, concrete, tree roots and other items quantified in the proposal pages of the contract.

**NOTE: Payment on this contract will be made by Visa or MasterCard.**

**Licensing Requirements:** Possession of a State of Florida General Contractors License or Broward County Certificate of Competency with State Registration or Certified Underground Utility and Excavation Contractor License is required for this project.

There will not be a pre-bid meeting or site visit for this Invitation to Bid.

Bidding blanks may be obtained **free of charge** at BIDSYNC.COM.

It will be the sole responsibility of the bidder to ensure that his bid is submitted prior to the bid opening date and time listed. **PAPER BID SUBMITTALS WILL NOT BE ACCEPTED. BIDS MUST BE SUBMITTED ELECTRONICALLY VIA BIDSYNC.COM.**

**Bid Security:** A certified check, cashier's check, bank officer's check or bid bond for **FIVE** percent (**5%**) of the bid amount, made payable to the City of Fort Lauderdale, Florida, shall accompany each proposal.

### **Bid Bonds:**

Bidders can submit bid bonds for projects four different ways:

- 1) BidSync allows bidders to submit bid bonds electronically directly through their system using **Surety 2000**. For more information on this feature and to access it, contact BIDSYNC customer care department.



- 2) Bidders may **upload** their original executed bid bond on BIDSYNC to accompany their bids with the electronic proposal, and deliver, upon request, the original, signed and sealed hard copy within five (5) business days after bid opening, with the company name, bid number and title clearly indicated.
- 3) Bidders can **hand deliver** their bid bond in a sealed envelope to the Finance Department/Procurement Services Division, 100 North Andrews Avenue, Room 619, Fort Lauderdale, FL 33301-1016, before time of bid opening, with the company name, bid number and title clearly indicated on the envelope.
- 4) Bidders can **mail** their bid bond to the Finance Department/Procurement Services Division, 100 North Andrews Avenue, Room 619, Fort Lauderdale, FL 33301-1016, before time of bid opening, with the company name, bid number and title clearly indicated on the envelope.

**Certified Checks, Cashier's Checks and Bank Drafts CANNOT** be submitted via BIDSYNC, nor are their images allowed to be uploaded and submitted with your electronic bid. These forms of securities, as well as hard copy bid bonds, must be received on or before the Invitation to Bid (ITB) opening date and time, at the Finance Department/Procurement Services Division, 100 North Andrews Avenue, Room 619, Fort Lauderdale, FL 33301-1016, with the bid number and title clearly indicated on the envelope.

It is the bidder's sole responsibility to ensure that his bid bond or other bid security is received by the Procurement Services Division before time of bid opening. Failure to adhere to this requirement may be grounds to consider the bid as non-responsive.

The City of Fort Lauderdale reserves the right to waive any informality in any or all bids and to reject any or all bids.

For information concerning technical specifications, please utilize the question/answer feature provided by BIDSYNC at [www.bidsync.com](http://www.bidsync.com). Questions of a material nature must be received prior to the cut-off date specified in the solicitation. Material changes, if any, to the scope of services or bidding procedures, will only be transmitted by written addendum. (See addendum section of BIDSYNC Site). **Contractors please note:** No part of your bid can be submitted via FAX. No variation in price or conditions shall be permitted based upon a claim of ignorance. Submission of a bid will be considered evidence that the Contractor has familiarized himself with the nature and extent of the work, equipment, materials, and labor required. The entire bid response must be submitted in accordance with all specifications contained in this solicitation.

Information on bid results and projects currently out to bid can be obtained on the City's website – <http://www.fortlauderdale.gov/purchasing>. For general inquiries, please call (954) 828-5933.

ITB 273-11832  
ANNUAL CONTRACT FOR TRANSPORTATION AND MOBILITY CAPITAL IMPROVEMENT PROJECTS

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**ADDENDUM NUMBER 2**

DATE 11/30/16

---

The following Addendum is hereby made a part of the Plans and Specifications and shall be included with all contract documents:

Acknowledge receipt of this Addendum by inserting its number and date on the Construction Bid Certification.  
**All changes are in bold.**

1. **CHANGE:** Special Condition #11, PERFORMANCE AND PAYMENT BOND: 100% shall be changed to read: **PERFORMANCE AND PAYMENT BOND: A 100% Performance and Payment Bond shall be required for each approved Task Order issued.**

All other terms, conditions, and specifications remain unchanged.

*James T. Hemphill*  
Senior Procurement Specialist

Company Name: \_\_\_\_\_

(please print)

Bidder's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

ITB 273-11832  
ANNUAL CONTRACT FOR TRANSPORTATION AND MOBILITY CAPITAL IMPROVEMENT PROJECTS

---

**ADDENDUM NUMBER 3**

DATE 12/8/16

---

The following Addendum is hereby made a part of the Plans and Specifications and shall be included with all contract documents:

Acknowledge receipt of this Addendum by inserting its number and date on the Construction Bid Certification.  
**All changes are in bold.**

1. **CHANGE:**

- a). **Bid line item #44 - Stamped Asphaltic Concrete quantity is changed from 600 SF. to 6000 SF.**
- b). **Previous Bid line item #213 – Custom Sign Assembly Shall be deleted**

All other terms, conditions, and specifications remain unchanged.

*James T. Hemphill*  
Senior Procurement Specialist

Company Name: \_\_\_\_\_

(please print)

Bidder's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

ITB 273-11832

## ANNUAL CONTRACT FOR TRANSPORTATION AND MOBILITY CAPITAL IMPROVEMENT PROJECTS

**ADDENDUM NUMBER 4**

DATE 12/9/16

The following Addendum is hereby made a part of the Plans and Specifications and shall be included with all contract documents:

Acknowledge receipt of this Addendum by inserting its number and date on the Construction Bid Certification.

### **Question and Answers for Bid #273-11832 - Annual Contract for Transportation and Mobility Capital Improvement Projects**

**Question 1**

This bid requires 100% performance and payment bond based on the total bid amount. This means that if the total bid submitted (example) is \$3,000,000.00, then the contractor will have to provide a 100% bond for this amount. This also means that the contractor will have \$3,000,000.00 dollars of its bonding capacity tied-up for two years when in reality he might only get less than \$500,000.00 in work orders during one year. In all fairness, the 100% performance bond should only applied to each specific work orders given and not to the total bid amount. (Submitted: Nov 14, 2016 3:56:34 PM EST)

**Answer**

- An Addendum will be issued to change this requirement (Answered: Nov 30, 2016 2:19:56 PM EST)

**Question 2**

Question #1: What is the City's budget for this project?

Question #2: Anticipated contract value for the work orders per year? (Submitted: Nov 15, 2016 7:55:40 AM EST)

**Answer**

- 1. - 2 Million
- 2. - \$300K to \$500K (Answered: Nov 17, 2016 1:37:01 PM EST)

**Question 3**

To be more realistic the Bond required should be for the work order value per year and not for the total contract value. Please respond as we will not be interested in, nor be able to providing a bond for a \$2,000,000 value over two years. (Submitted: Nov 22, 2016 9:47:41 AM EST)

**Answer**

- An Addendum will be issued to change this requirement (Answered: Nov 30, 2016 2:19:56 PM EST)

**Question 4**

Is a bid bond required? (Submitted: Nov 22, 2016 4:14:40 PM EST)

**Answer**

- Yes - 5% (Answered: Nov 30, 2016 2:19:56 PM EST)

**Question 5**

Please clarify the following:

Bid Item #3, asphalt removal thickness

Bid Item #19, limerock base removal thickness

Bid Item #22, reinforced concrete removal thickness

Bid Item #26, Please indicate if we have to cross the road for the 1-inch water service

Bid Item #31, Which color pave drain blocks are to be used

Bid Item #39, What is the approximate area for the 4-inch thick concrete apron?

Bid Item #44, How many locations are included for the 600 sf of stamped asphaltic concrete?

Bid Item #49, Does this include (2) rapid flashing beacons and the crosswalk striping?

Bid Item #54, Please provide specs 4" or 6", galvanized or raw steel

Bid Item #71, Is this a colored concrete with seashells?

Bid Item #82, How many motion sensors are needed for each location?

Bid Item #91, How many locations for the roadway painting?

Bid Item #93, How many locations for the directional bore?

Bid Item #131, Is the meter to be provided by the city and the contractor is to just install?

Bid Item #211, Is the new sign assembly per new Broward County specs and standards?

Bid Item #213, Provide details for the custom sign assembly?

Bid Item #223, Provide specs on type of paint

Mobilization and MOT has not been included as independent Items, however Contractors for Asphalt Paving, Milling and Resurfacing, Striping, Stamp Asphalt, Directional Boring, Landscaping, Concrete Curbing, MOT, etc. impose Minimum order and one Mobilization, per Task order therefore it is important to know number of locations, or to set a budget for Mobilization and MOT

What FDOT year is being used to specify traffic signals and other line items? (Submitted: Dec 7, 2016 3:03:32 PM EST)

**Answer**

- Bid Item #3, asphalt removal thickness ANSWER:2" max thickness.

Bid Item #19, limerock base removal thickness ANSWER:12" max thickness.

Bid Item #22, reinforced concrete removal thickness ANSWER:6" max thickness.

Bid Item #26, Please indicate if we have to cross the road for the 1-inch water service ANSWER:Bid Item should include costs to cross the road.

Bid Item #31, Which color pave drain blocks are to be used ANSWER:Charcoal

Bid Item #39, What is the approximate area for the 4-inch thick concrete apron ANSWER:4 foot by 4 foot

Bid Item #44, How many locations are included for the 600 sf of stamped asphaltic concrete? ANSWER: 2 Locations and quantity is approximately 6000 sf not 600 sf.

Bid Item #49, Does this include (2) rapid flashing beacons and the crosswalk striping? ANSWER: This item is intended only for the flashing beacons.

Bid Item #54, Please provide specs 4" or 6", galvanized or raw steel ANSWER: Bid Item #54 is removable locking bollards.

Bid Item #71, Is this a colored concrete with seashells? ANSWER: No. Bid Item #72 is colored concrete with seashells.

Bid Item #82, How many motion sensors are needed for each location? ANSWER: Approximately 2.

Bid Item #91, How many locations for the roadway painting? ANSWER: Approximately 5.

Bid Item #93, How many locations for the directional bore? ANSWER: Approximately 5.

Bid Item #131, Is the meter to be provided by the city and the contractor is to just install? ANSWER: Yes.

Bid Item #211, Is the new sign assembly per new Broward County specs and standards? ANSWER: Yes.

Bid Item #213, Provide details for the custom sign assembly? ANSWER: Bid Item will be removed.

Bid Item #223, Provide specs on type of paint Attached are typical specs of paint ANSWER: Specs are available at: <https://fdotwp1.dot.state.fl.us/ApprovedProductList/Products/Index/1581>

Mobilization and MOT has not been included as independent Items, however Contractors for Asphalt Paving, Milling and Resurfacing, Striping, Stamp Asphalt, Directional Boring, Landscaping, Concrete Curbing, MOT, etc. impose Minimum order and one Mobilization, per Task order therefore it is important to know number of locations, or to set a budget for Mobilization and MOT Answer: Mobilization and MOT are provided as allowances.

What FDOT year is being used to specify traffic signals and other line items? Answer: 2016. (Answered: Dec 8, 2016 3:54:46 PM EST)

All other terms, conditions, and specifications remain unchanged.

*James T. Hemphill*  
Senior Procurement Specialist

Company Name: \_\_\_\_\_

(please print)

Bidder's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

## Question and Answers for Bid #273-11832 - Annual Contract for Transportation and Mobility Capital Improvement Projects

### Overall Bid Questions

#### Question 1

This bid requires 100% performance and payment bond based on the total bid amount. This means that if the total bid submitted (example) is \$3,000,000.00, then the contractor will have to provide a 100% bond for this amount. This also means that the contractor will have \$3,000,000.00 dollars of its bonding capacity tied-up for two years when in reality he might only get less than \$500,000.00 in work orders during one year. In all fairness, the 100% performance bond should only applied to each specific work orders given and not to the total bid amount. (Submitted: Nov 14, 2016 3:56:34 PM EST)

#### Answer

- An Addendum will be issued to change this requirement (Answered: Nov 30, 2016 2:19:56 PM EST)

#### Question 2

Question #1: What is the City's budget for this project?

Question #2: Anticipated contract value for the work orders per year? (Submitted: Nov 15, 2016 7:55:40 AM EST)

#### Answer

- 1. - 2 Million

2. - \$300K to \$500K (Answered: Nov 17, 2016 1:37:01 PM EST)

#### Question 3

To be more realistic the Bond required should be for the work order value per year and not for the total contract value. Please respond as we will not be interested in, nor be able to providing a bond for a \$2,000,000 value over two years. (Submitted: Nov 22, 2016 9:47:41 AM EST)

#### Answer

- An Addendum will be issued to change this requirement (Answered: Nov 30, 2016 2:19:56 PM EST)

#### Question 4

Is a bid bond required? (Submitted: Nov 22, 2016 4:14:40 PM EST)

#### Answer

- Yes - 5% (Answered: Nov 30, 2016 2:19:56 PM EST)

#### Question 5

Please clarify the following:

Bid Item #3, asphalt removal thickness

Bid Item #19, limerock base removal thickness

Bid Item #22, reinforced concrete removal thickness

Bid Item #26, Please indicate if we have to cross the road for the 1-inch water service

Bid Item #31, Which color pave drain blocks are to be used

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What FDOT year is being used to specify traffic signals and other line items? (Submitted: Dec 7, 2016 3:03:32 PM EST)

**Answer**

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Bid Item #19, limerock base removal thickness ANSWER:12 1/2" max thickness.

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