



MANATEE COUNTY

May 22, 2013

TO: All Interested Bidders:

SUBJECT: Invitation for Bid #13-1089-OV
44th Avenue East – From U.S. 41 (1st Street) to 19th Street Court East
Project Nos.: 334-6001060 and 319-6045661

ADDENDUM #2

Bidders are hereby notified that this Addendum shall be acknowledged on page 00300-1 of the Bid Form and made a part of the above named bidding and contract documents. Bids submitted without acknowledgement of the Addendum will be considered incomplete.

The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding documents, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

The stated deadline of May 3, 2013 to submit all inquiries concerning interpretation, clarification or additional information pertaining to this bid has lapsed. This deadline has been established to maintain fair treatment for all potential bidders, while maintaining the expedited nature of the Economic Stimulus that the contracting of this work may achieve.

Bid Opening Date has been revised:

From: May 23, 2013 at 2:30 PM
TO: May 30, 2013 at 2:30 PM

Item No. 1:

Quantities for Bid Item Nos.: R30, R31, R35, R45, R48, R65, U19, U24, U25 have been updated.

A **new bid** item R88A, Fencing Type B with Barb Wire, Attachment 3' Strand at 1,110 LF has been added to the Bid Form.

Note: Bidders shall utilize the REVISED Bid Forms, Addendum #2 when submitting your Bid for this project.

Financial Management Department, Purchasing Division
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205
WEB: www.mymanatee.org *PHONE: 941-749-3014 * FAX: 941-749-3034

Item No 2: Attached Specification for Cellular Confinement for Soil Stabilization, 44th Avenue East – US 41 to 19th Street Court East is made a part of this Addendum #2. The payment for this item shall be included in Bid Item R11. (8 total pages)

Item No. 3:

Question 1: Reference plan sheet 16 of 115, par. 61, BOX CULVERT DESIGN SPECIFICATIONS, sub-par, SUBMITTALS, this paragraph states we are to submit a geotechnical report along with the shop drawings for the box culvert, we should know during the bidding process what the underlying soils are like and the design engineer should be responsible for foundation design, so we can bid accordingly. We need to know now whether or not the box culvert will have to be bedded on stone and whether or not “Link Slabs” will be required. If we are to comply with this paragraph, how is the Contractor to be reimbursed for costs associated with bedding stone and “Link Slabs” if required?

Response 1: The geotechnical reports along 44th Avenue East and 15th Street East have been provided in the bid package as a recommended reference. In order to confirm the soil data for the box culvert, the Contractor shall obtain and submit with shop drawings at least two soil boring data at the location where the box culvert will be installed. The price and payment for box culvert, Bid item R29, will be full compensation for all work specified in FDOT Specifications 2007, including but not limited to soil boring, excavation, back fill, the bedding material and its placement. In case that unsuitable material exists underneath the bedding template, the cost of excavation and disposal of unsuitable material will be paid under subsoil excavation bid item R9.

Question 2: Reference plan sheet 16 of 115, par. 50, putting the burden of verifying existing topography on the Contractor prior to Award of Contract for purposes of determining earthwork volume. Please delete paragraph 50.

Response 2: The intention of general note 50 on Sheet 16 is to instruct the Contractor to visit and verify the project site, and become familiar with the construction environment prior to Award of the Bid. The final payment for earthwork shall be based on the in-place value.

Question 3: I do not see a requirement in the specifications to furnish a field office for the engineer/project manager, is a field office not required for this project? Please clarify.

Response 3: A field office is not required for this project.

Question 4: Reference specification section 02444, FENCING, The fence specs (for fences over 5' high) call for 2 .375" line posts, 2.875" terminal posts, and a top rail. The Plan sheet says 6' C/L/F per FDOT index 802.....which has 1.9" line posts, 2.375" terminal, and no top rail....which should we use?

Response 4: The fence, bid item R88, is under the Roadway Section. Bidder shall follow FDOT Standard Specifications (reference Special Provisions, Page 3), in lieu of the Utility Specification Section 02444.

Question 5: Do the jack & bore pay items include the PVC carrier pipe? Or is the PVC paid for in the respective drainage pay item?

Response 5: The Jack & Bore does not include the PVC carrier pipe which is paid under the drainage pipe pay items.

Question 6: On sheet U6 there are 2 notes directing us to restrain the existing 24" DIP 164 LF to the south. Should the note under Station 31+00 read to the north? This would be consistent with the restraints identified on the ex. 24" in the west and south directions.

Response 6: Yes, the note under station 31+00 should read to the north.

Question 7: Reference plan sheet 109 of 115, Note. 3, this note tells us the underlying filter fabric, that gets installed with bid item R-11, 145-1, is to be paid in bid item 514-71-1, there is no bid item for this, please provide.

Response 7: The payment of cellular confinement system, geotextile, anchoring, backfill, sod, staked sod and all other material and work necessary for the installation of Geosynthetic Reinforcement shall be included in bid item R11. FDOT index 199 shall be applied to this product in lieu of Index 501. Please disregard the note of "FDOT index 501" on Sheet 32.

Question 8: Reference plan sheet U6, there are notes on this sheet that instruct us to install restrainers to the existing pipe for a distance of 164LF to the south and 164LF to the west, how are we to be compensated for this work? Please clarify.

Response 8: Payment for this work shall be made under the bid item U14 and U15 for furnishing and installing the specified size of pipe joint restraints as shown on the Contract Drawings. Payment shall represent full compensation for all labor, materials, necessary equipment, and incidentals necessary to complete the work.

Question 9: Reference bid item R30, P5 Curb Inlets <10', bid form shows 4-each, I find 7-each, please clarify.

Response 9: The quantity of bid item no. R30, P-5 Curb Inlet <10, has been updated as 7. Sheet 26, Curb Inlet at St 36+70 RT shall be labeled as "P5" in lieu of "P-6".

Question 10: Reference bid item R35, bid form shows 27-each, I find 26-each, please clarify.

Response 10: The quantity of bid item no. R35, Grate Inlet, has been updated as 28. The Grate Inlet at ST 30+86 LT on Sheet #20 is counted as new construction.

Question 11: Reference bid item R38, bid form shows 12-each, I find 13-each, please clarify.

Response 11: The quantity of bid item R38 for 12-each is correct. This bid item is for the County's Junction Boxes.

Question 12: Reference bid item R-39, bid form shows 3-each, I find 5-each, please clarify.

Response 12: The quantity of bid item no. R39 is correct. The box at ST 36+22 RT and box at 36+22 LT were counted as new construction (pay item R38) in lieu of Adjust/Reconstruction Existing Inlet (bid item R39).

Question 13: Reference bid item R41, is this item for the Bubbler Box on plan sheet 38 at 35+63?

Response 13: Yes.

Question 14: Reference bid item R42, is this item for inlet number PDBI-1 on plan sheet 19 at station 24+98?

Response 14: Yes.

Question 15: Reference bid item R-45, bid form shows 7-each, I find 4-each, please clarify.

Response 15: The quantity of bid item no. R45, Manhole (P-8) (<10), has been updated as 6.

Question 16: Reference bid item R48, bid form shows 3-each, I find 4-each, please clarify.

Response 16: The quantity of bid item R48 no. Manhole (J-8) (<10), has been updated as 5.

Question 17: Reference bid item R-65, bid form shows 587LF, I find 621LF, please clarify.

Response 17: The quantity of bid item no. R65 has been updated as 621 LF for 24" X 38" RCP.

May 22, 2013 / Addendum No. 2

Invitation for Bid #13-1089-OV

44th Avenue East – From U.S. 41 (1st Street) to 19th Street Court East

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Question 18: Reference bid item R69, bid form shows 6-each, I find 2-each single mitered ends and 2-each double mitered ends for this size pipe, F.D.O.T. would have pricing for double mitered ends in lieu of pricing them as all singles, please clarify.

Response 18: Per FDOT index 2013, the Mitered End Section shall be paid based on each independent pipe end, thus the double pipe end should be counted as two mitered end sections.

Question 19: Reference bid item R74, I do not find underdrains on the plans and cannot quantify the number of cleanouts as a result, please provide cleanout quantity.

Response 19: The under drain details and quantity table are shown in sheet # 95A.

Question 20: How are the wingwalls and footers to be paid for the triple barrel box culvert, there is not an item for this scope of work, please clarify.

Response 20: The wingwalls and footers shall be included into the bid item R29, Triple Barrel Box Culvert.

Question 21: Will a poured-in-place concrete triple barrel box culvert be acceptable in lieu of precast boxes?

Response 21: Yes. The Contractor shall submit shop drawings to Engineer for review, following FDOT index 2013.

Question 22: In reviewing the RR permit exhibit B-1 & B-3 indicate the need for 8" perforated CMP underdrain to be installed along both sides of the tracks for a total of +/- 320 LF. There is no pay item for this pipe as there is for the base and asphalt. Is this pipe to be installed by others? If we are to install it, will a pay item be added accordingly?

Response 22: The CMP underdrain will be installed by CSX.

Question 23: I cannot find the plans for this intersection on the CD I was given regarding this project. Am I perhaps looking in the wrong area for this specific intersection, or is it completely missing?

Response 23: The Pavement Signing & Marking and Signalization for 15th Street East was provided as a separate plan set in the original bid package. Please also refer to Addendum #1 for sheet 8 and sheet 10 update.

Question 24: Reference bid item no. U19, I do not find six (6) of these saddle tap type connections, please clarify.

Response: 24: There are only 3 (three) saddle tap type connections at approximate stations 31+01, 30+87, 305+67. Bid item no. U19 has been revised to reflect 3 each.

Question 25: Reference bid item no. U23, I do not find 160 LF of pipe to be relocated, please clarify.

Response 25: See UAS 12 and 13 with the note “As Required”.

Question 26: Reference bid item no. U24, I find eight (8) single services not twelve (12) and what is the County expecting from the contractor regarding this item and bid item no. U25, please clarify.

Response: 26: There are only eight (8) single services. Bid item no. U24 has been revised from 12 each to 8 each. Bid item no. U25 should read 2 each. Bid Item no. U25 has been revised from 4 each to 2 each.

Question 27: Reference bid item no. U26, where is this work?

Response: 27: Bid item no. U26 pertains to the sewer services required under bid item no. U24 and bid item no. U25.

Question 28: Reference bid item no. U29, where is the manhole or manholes that are to be rehabilitated? We need our sub-contractor that performs this work to look at the conditions and until we know where the manhole or manholes are at, we do not know how to bid this item. Please clarify.

Response: 28: These 19 manholes are shown on the UAS sheets, see locations at approximately 305+60, 29+70, 2@ 30+50, 36+40, 37+20, 39+10, 41+40, 45+40, 49+40, 53+40, 55+70, 58+90, 61+50, 12+30, 14+10, 17+10, 20+70, 43+40.

Question 29: Reference bid item no. U33, where is this 6 (six) inch tap at?

Response 29: See UAS5.

Question 30: Reference plan sheet 19, structure no. PMH-3, what is the scope of work for this structure and in what bid item does it pay? Please provide a detail.

Response 30: PMN-3 is in an existing grate inlet to be reconstructed. It is paid under bid item no. 39, Adjust / Reconstruct Existing Inlet.

Question 31: Reference plan sheet 19, at approximately stations 24+40 and 25+40, in plan view, there are notes to relocate force main, is this work going to be paid under bid item no. U23?

Response 31: Yes, this work will be paid under bid item no. U23.

Question 32: Reference bid item no. U1. I do not find 3,082 LF of 8-inch DIP, only 2,668 LF. Please clarify.

Response 32: This quantity is off. The actual distance is closer to 2750 LF. Contractor shall be paid for the actual number of LF being installed in the field under bid item no. U1.

Question 33: Reference bid item no. U2. I do not find this 150 LF of 6-inch DIP, please clarify.

Response 33: This bid item is for the hydrant re-locates. The pipe quantity has been provided to the bidders to account for the re-locating of the hydrants.

Question 34: Reference bid item no. U33, where is this. I cannot locate on plans, please clarify.

Response 34: See UAS5.

Question 35: Reference plan sheet U4, does the existing 24-inch DIP water main currently end at approximately 24+49 and will we be installing the 24" x 8" MJ tee at the end of the existing pipe? The profile view shows installing a tapping sleeve and valve at this location, what are we doing? Also, if we are installing a new butterfly valve at this location, we will have to cut the pipe and sleeve it back together so, why would we want to install a tapping sleeve and valve? Please clarify.

Response 35: The 24-inch line does not end here, it continues up 301. The plan view calls for a valve and "T", the profile calls out a tapping sleeve. Please install a "T" and valve, not a tapping sleeve.

Question 36: Reference bid item no. U37, where is this work at? Please clarify.

Response 36: See sheet UAS17.

Question 37: Reference bid item no. U39, where is this work at? Please clarify.

Response 37: See sheet U4, location 23+75.

Question 38: Reference plan sheet U6.1, at approximately station 47+30, the plan shows installing a 4-inch gate valve and there is no pay item for this valve, please review and clarify.

Response 38: This valve is included in the cost of the pipe installation, bid item no. 1 as it is the only valve involved.

Question 39: Reference bid item no. U40, where is this work at? Please clarify.

Response 39: See at approximately station 30+45.

If you have submitted a bid prior to receiving this addendum, you may request in writing that your original, sealed bid be returned to your firm. All sealed bids received will be opened on the date stated.

END OF ADDENDUM #2

Bids will be received at the **Manatee County Purchasing Division, 1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205 on May 30, 2013 until 2:30 PM. (Note: Revised Bid Opening Date).**

Sincerely,


Melissa M. Wendel, CPPO, Purchasing Official
Manatee County Purchasing Division

/OV (16 total pages)
(33 pages via pdf)

TECHNICAL SPECIAL PROVISION

For

CELLULAR CONFINEMENT FOR SOIL STABILIZATION

44th Ave E- US 41 to 19th St Ct E

Manatee, Florida

SECTION T145 CELLULAR CONFINEMENT FOR SOIL STABILIZATION

T145-1 DESCRIPTION

The work covered by this section includes the furnishing of all labor, materials, equipment and incidentals for construction and installation of a Cellular Confinement System for Soil Stabilization.

T145-2 APPLICABLE DOCUMENTS

The following documents form a part of the specifications to the extent specified herein:
AASHTO M 288 Geotextile Specification for Highway Applications

ASTM D 1505 - Density of Plastics by the Density-Gradient Technique

ASTM D 1603 - Standard Test for Carbon Black in Olefin Plastics

ASTM D 1693 - Environmental Stress-Cracking of Ethylene Plastics

ASTM D 5199 - Measuring Nominal Thickness of Geotextiles and Geomembranes

ASTM E 41- Terminology Relating to Conditioning

T145-3 SUBMITTALS

Product Data:

The Contractor shall ensure that the manufacturer shall submit copies of the most current product quality assurance test data and independent laboratory test results indicating compliance with specified performance. No material will be considered unless it meets all areas of this section without exception.

Material Certification:

Submit manufacturer's certification of polyethylene used to make the Cellular Confinement material.

1. Manufacturer's certification of percentage of carbon black.
2. Resin manufacturer's certification of polyethylene density and Environmental Stress Crack Resistance (ESCR).

Quality Assurance Certification:

The Contractor shall ensure that the product manufacturers provide certification of compliance with all applicable testing procedures and related specifications. The Manufacturer's Quality management system shall be certified and in accordance with ISO 9001:2008 and CE certification. The scope of ISO 9001 registration shall be for the entire cell product manufacturing process from incoming raw materials (resin) to finished product. Earned registration shall be verifiable by providing a copy of the current continuous registration certificate.

The Contractor shall ensure that the manufacturer provides certification of compliance to all applicable testing procedures and related specifications upon the customer's written request. Request for certification shall be submitted no later than the date of order placement. The Manufacturer shall have a minimum of 20 years of experience producing cellular confinement systems.

Under the scope of the ISO quality standard, the Contractor shall ensure that the manufacturer compiles, keeps record of, and provides for each customer order or production lot, actual and certified values for the following:

1. Resin Lot Number
2. Resin Density
3. Carbon Black content
4. Sheet Thickness
5. Short-term Seam Peel Strength
6. Long-term Seam Peel Strength - either a. or b.
 - a. 7-day hot box method
 - b. 30 day room-temperature method

Shop Drawings:

The Contractor shall submit manufacturer's shop drawings including section layout, direction of expansion, tendon locations, and anchor stake lengths and locations.

Manufacturer's Representative:

The Contractor shall submit qualifications of Manufacturer's field representative certifying the field representative is experienced in the installation of the specified products. The Contractor shall provide a qualified manufacturer's field representative on site at the start of construction to ensure the cellular confinement system is installed in accordance with the Contract Documents. Manufacturer's field representative shall have a minimum of 5 years installation experience with the specified products in the specified application.

T145-4 MATERIALS

The Cellular Confinement or Soil Stabilization shall consist of an assembly of H.D.P.E. sheet strips connected in series, using full-depth ultrasonic spot-welded seams, aligned perpendicular to the longitudinal axis of the strips. When expanded, the interconnected strips shall form the walls of a flexible, three-dimensional cellular confinement structure into which the specified in-fill materials can be placed. The system shall include: the containment cells, integral polymer tendons, anchor clips, anchors and cell in-fill material.

Containment Cells

- a. Base Material: Polyethylene stabilized with carbon black .
- b. Density, ASTM D 1505: 58.4 to 60.2 lb/cu.ft.
- c. Environmental Stress Crack Resistance (ESCR), ASTM D 1693: 5000 hours.

- d. Carbon black content: 1.5% to 2% by weight through the addition of a carrier with a certified carbon black content. The carbon black shall be homogeneously distributed throughout the material.

Strip Properties – Perforated textured strip/cell:

- a. Strip sheet thickness, ASTM D5199: 50-mil, minus 5%, plus 10%. Thickness shall be determined in the flat, before any surface texturing or other surface disruption.
- b. Polyethylene strips shall be textured surface with a multitude of rhomboidal (diamond shape) indentations.
- c. Textured sheet thickness: 60 mil plus or minus 6-mil.
- d. Polyethylene Strips: Textured surface with a multitude of rhomboidal (diamond shape) indentations.
- e. Indentation surface Density: 140 to 200 per square inch.
- f. Polyethylene Strips: Perforated with horizontal rows of 0.4-inch diameter holes.
- g. Perforations within Each Row: 0.75-inch on-center.
- h. Horizontal Rows: Staggered and separated 0.50-inch relative to hole centers.
- i. Edge of Strip to Nearest Edge of Perforation: 0.3 inch minimum.
- j. Centerline of Spot Weld to Nearest Edge of Perforation: 0.7-inch minimum.
- k. A slot with a dimension of 3/8-inch x 1 3/8-inch (10 mm x 35 mm) is standard in the center of the non-perforated areas and at the center of each weld.

Assembly of Cell Sections:

- a. Fabricate using strips of sheet polyethylene each having a length of 11.8 feet and a width equal to the cell depth.
- b. Connect strips using full-depth, ultrasonic spot-welds aligned perpendicular to the longitudinal axis of the strip.
- c. Weld spacing shall be 17.5 in \pm 0.10 in.
- d. Ultrasonic weld melt-pool width shall not exceed 1.0 in.

Cell Properties:

- a. Individual cells shall be uniform in shape and size when expanded.

Cell Dimensions:

Nominal Dimensions \pm 10%

- a. Length 11.3 inches.
- b. Width 12.6 inches.
- c. Nominal Area \pm 1%: 71.3 square inches.
- d. Nominal Depth 4 inches.

Cell Seam Peel Strength Test:

Cell seam strength shall be uniform over the full depth of the cell.

Short-term peel strength Test:

- a. Cell Seam Strength: Uniform over full depth of cell.
- b. Minimum seam peel strength: 480 lb for the 6-in depth cell.

Long-term Seam Hang-Strength Test:

- a. Conditions: Minimum period of 7 days in a temperature-controlled environment that undergoes change on a 1-hour cycle from room temperature to 130°F.
- b. Room temperature: Defined per ASTM E41.
- c. Test samples: Weld two 4 inch wide strips together.
- d. Test: Test sample consisting of two carbon black stabilized strips shall support a 160 lb load for the test period.

Tendoned Cell Sections:

- a. Sections with tendons shall be provided with a series of aligned holes through the cell walls for the insertion of tendons.
- b. Insert tendons in the field such that they pass through the section in the direction of expansion.
- c. Hole diameter: 0.5 in.

Tendons:

- a. Material: Polyester, manufactured from bright, high-tenacity, industrial continuous-filament polyester yarn woven into a braided strap.
- b. Elongation shall be 9 to 15% at break.
- c. Break Strength: 2090 lbf minimum .

Anchoring Components:

- a. Anchor Clips
 1. The Anchor Clip is a molded, high-strength polyethylene device available in standard (0.5-inch) and metric (10-12 mm) versions.
 2. Anchor Clips can be installed as an end cap on standard (0.5-inch) and metric (10-12 mm) steel reinforcing rods to form Anchors.
- b. Keys
 1. Keys shall be constructed of polyethylene and provide a high strength connection.
 2. Keys shall be used to connect cellular panels together at each interleaf and end to end connection.

3. Keys shall provide minimum break strength of 265 lbf.
- c. Stapled Connections
 1. When using staples, adjoining sections shall be stapled together using a pneumatic stapler using 1/2-inch wire as approved by the manufacturer of the Cellular Confinement System.
- d. Anchors
 1. Cell sections shall be anchored with rows of anchor stakes that bear against and hook over the cells walls.
 2. Stake Material: Glass fiber reinforced polymer with a sand coating.
 3. Glass reinforcement content shall be 75% minimum by weight and shall be continuous longitudinal filament. The use of non-continuous filament is strictly prohibited.
 4. Polymer shall be vinyl ester, isophthalic polyester, or other matrix material.
 5. If deformed stake is used, the outer surface of the stake shall be sand coated and deformed by a helical wrap of glass.
 6. The stake shall have a minimum tensile strength of 95 ksi per ASTM D 638.
 7. The stake shall be non-magnetic, non-conducting and corrosion resistant.
 8. Stake length shall be 24 inches.

In-fill Material:

- a. The cell in-fill material shall be non-corrosive topsoil free of foreign material that could prevent complete uniform filling of the cells. In-fill soil type shall be per manufacturer's recommendation.

T145-5 DELIVERY, HANDLING AND STORAGE

Deliver materials to the site in manufacturer's original unopened containers and packaging, with labels clearly identifying the product name and manufacturer. The contractor shall check all materials delivered to the site to ensure that the correct materials have been received.

Materials shall be stored on site per the manufacturer's recommendations and in a manner that ensures that no damage occurs to any of the materials. Damaged materials shall be replaced at the Contractor's expense.

T145-6 INSTALLATION

On-site time for installation assistance by the Manufacturer's field representative shall be one (1) day(s) with one trip. All travel and expense costs for Manufacturer's field representative installation assistance shall be included in the base bid price.

- a. Prepare subgrade and install cellular confinement system protection system in accordance with Manufacturer's recommendations.
- b. Subgrade Preparation:
 1. Excavate or fill foundation soils so top of installed cellular confinement system section is flush with or slightly lower than adjacent terrain or final grade as indicated on the drawings or as directed by the Engineer.
- c. Anchorage
 1. Position collapsed sections at the crest of the slope.
 2. Drive anchors at the crest of the slope to secure the sections in place and allow expansion of the sections into position.
 3. After the sections are expanded as desired, drive Anchors so the arm of the Anchor Clip is through the internal slots, or tendon if applicable, in the cell wall and do not protrude over the top of the cell wall or attached to tendon per manufacturer's recommendation.
 4. Anchorage pattern and stake length shall be as indicated on the Contract Documents.
- d. Section Placement and Connection
 1. Verify all sections are expanded uniformly to required dimensions and that outer cells of each section are correctly aligned. Interleaf or overlap edges of adjacent sections. Ensure upper surfaces of adjoining sections are flush at joint and adjoining cells are fully aligned at the cell wall slot.
 2. Connect the sections with keys at each interleaf and end to end connection. Staple or insert the key through the cell wall slot before inserting through the adjacent cell. Turn the key 90 degrees to lock the panels together.
- e. Topsoil Infill Placement
 1. Place specified infill in expanded cells with suitable material handling equipment, such as a backhoe, front-end loader, conveyor, or crane-mounted skip.
 2. Limit drop height to a maximum of 3 feet (1 m) to avoid damage or displacement of the cell walls.
 3. Fill Cellular Confinement sections from the crest of the slope to toe or in accordance with Engineer's direction.
 4. Infill material shall be free-flowing and not frozen when placed into the Cellular Confinement sections.
 5. Evenly spread infill and tamp into place.
 6. Place topsoil above the Cellular Confinement material to the depth shown on the plans.

T145-7 METHOD OF MEASUREMENT

The quantity to be paid for shall be the surface area of the Cellular Confinement sections installed and accepted in square feet. Allowance will not be made for overlaps.

T145-8 BASIS OF PAYMENT

Price and payment will be full compensation for all work specified in this Section, including furnishing, handling, placement of Cellular Confinement sections, all labor, equipment and miscellaneous materials (including the topsoil in-fill material) necessary for a complete and accepted installation.

Payment will be made under:

Item No. R11 Geosynthetic Reinforced Soil Slope
Per Square Foot

END OF TECHNICAL SPECIAL PROVISION

SECTION 00300 BID FORM

(Submit in triplicate)

44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East (Project Nos: 334-6001060 and 319-6045661) ADDENDUM #2 - May 22, 2013

Bid "A" Based on a completion time of 540 Calendar Days

(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
ROADWAY - US41 to 19th St.							
ROADWAY PAY ITEMS							
R 1	104-10-3		Staked Silt Fence (Type III)	LF	21,111.00		
R 2	104-11		Floating Turbidity Barrier	LF	126.00		
R 3	104-15		Soil Tracking Prevention Device	EA	2.00		
**R3A	104-MC		Dewatering and Water Pollution Control for Pond "A" (Addendum #1)	LS	1.00		
R 4	104-18		Inlet Protection System	EA	123.00		
R 5	110-1-1		Clearing & Grubbing	AC	38.48		
R 6	110-4		Removal of Exist. Conc. Pvmt.	SY	335.00		
R 7	110-7-1		Mailbox (Furnish & Install),	EA	14.00		
R 8	120-1		Regular Excavation	CY	130,103.00		
R 9	120-4		Excavation, Subsoil (Roadway)	CY	5,027.00		
R 10	120-6		Embankment (Regular)	CY	14,702.00		
R 11	145-1	*	Geosynthetic Reinforced Soil Slope	SF	3,184.00		
R 12	160-4		6" Stabilized Sub-base	SY	2,129.00		
R 13	160-4		12" Stabilized Sub-base	SY	50,038.00		
R 14	285-701		Optional Base Group 1:(Paved Shoulder)	SY	243.00		
R 15	285-704		Optional Base Group 4: 8th St Ct E	SY	2,023.00		
R 16	285-709		Optional Base Group 9:	SY	47,448.00		
**R16A	285-MC		6" Crushed Concrete Base for Railroad Crossing (Addendum # 1)	SY	302.00		
R 17	286-1		Turnout Construction (15th St E Driveways)	SY	76.00		
R 18	327-70-4		Milling Exist. Asph. Pavement (3" Avg. Depth), 15th St E	SY	2,744.00		
R 19	327-70-6		Milling Exist. Asph. Pavement (1" Avg. Depth), 9th St E	SY	1,762.00		
**R20	334-1-13	*	2" SP12.5 Structural Course, Traffic C (Addendum #1)	TN	420.00		
**R 20A	334-1-13		3" SP12.5 Structural Course, Traffic C, (Widening on 15th St. East) (Addendum #1)	TN	245.00		
**R 20B	334-MC		8" Asphalt Underlayment for Railroad Crossing (Addendum #1)	TN	110.00		
R 21	334-1-MC1	*	2" Type S-1 Asphalt Concrete (Incl Tack Coat)	TN	4,631.00		

Bidder: _____

Authorized Signature: _____

00300-5

Bid "A"

Based on 540 Calendar Day Completion

Addendum #2 - May 22, 2013

SECTION 00300 BID FORM

(Submit in triplicate)

44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East
(Project Nos: 334-6001060 and 319-6045661) ADDENDUM #2 - May 22, 2013
Bid "A" Based on a completion time of 540 Calendar Days
(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
R 22	334-1-MC1	*	1" Type S-1 Asphalt Concrete (Incl Tack Coat)	TN	96.00		
R 23	334-1-MC2	*	1" Type S-III Asphalt Concrete	TN	2,497.00		
R 24	337-7-42	*	1-1/2" asphaltic Friction Course (FC-9.5) (Paved Shoulder)	TN	20.00		
R 25	337-7-42	*	1" Asphaltic Friction Course (FC 9.5) (Traffic C)	TN	296.00		
R 26	400-1-2	*	Class I Concrete (Endwalls and Pipe Support), Including Reinforcing Steel	CY	6.26		
R 27	400-1-2	*	Class I Concrete (Misc, Swale Crossing, Concrete Spillway), Including Reinforcing Steel	CY	103.00		
**R28	400-1-10	*	Class III Concrete (Concrete Encasement), Including Reinforcing Steel and Bearing Pad (Addendum #1)	CY	152.12		
R 29	410-70-MC	*	Triple Barrel Box Culvert ,3(8' x 4')	LF	192.00		
R 30	425-1-351	*	Inlets (Curb) (Type P-5) (<10') (Addendum #2)	EA	7.00		
R 31	425-1-352	*	Inlets (Curb) (Type P-5) (>10') (Addendum #2)	EA	3.00		
R 32	425-1-361	*	Inlets (Curb) (Type P-6) (<10')	EA	5.00		
R 33	425-1-451	*	Inlets (Curb) (Type J-5) (<10')	EA	1.00		
R 34	425-1-MC1	*	Curb Inlet/ Conflict Box	EA	33.00		
R 35	425-1-MC2	*	Grate Inlets (Addendum #2)	EA	28.00		
R 36	425-1-MC3	*	Drop Inlet	EA	12.00		
R 37	425-1-MC4	*	Outfall Control Structure, Including Reinforcing Steel and Skimmer	EA	3.00		
R 38	425-1-MC5	*	Junction Box/Conflict Box	EA	12.00		
R 39	425-1-MC6	*	Adjust/Reconstruct Existing Inlet	EA	3.00		
R 40	425-1-529	*	Inlet (Dt Bot) (Type C Modified) (<10')	EA	5.00		
R 41	425-1-583	*	Inlet (Dt Bot) (Type H Modified) (<10')	EA	1.00		
R 42	425-1-701	*	Gutter Inlet (modified Type S) (<10')	EA	1.00		
R 43	425-1-711	*	Gutter Inlet (Type V) (<10')	EA	2.00		
R 44	425-2-41	*	Manholes (P-7) (<10')	EA	1.00		
R 45	425-2-61	*	Manholes (P-8)(<10') (Addendum #2)	EA	6.00		
R 46	425-2-62	*	Manholes (P-8)(>10')	EA	1.00		
R 47	425-2-71	*	Manholes (J-7) (<10')	EA	3.00		
R 48	425-2-91	*	Manholes (J-8)(<10') (Addendum #2)	EA	5.00		
R 49	430-175-115	*	Pipe Storm Sewer Culv (RCP)(15")	LF	2,421.00		
R 50	430-175-115	*	Pipe Storm Sewer Culv (A2000,PVC)(15")	LF	228.00		

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CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
R 51	430-175-118	*	Pipe Storm Sewer Culv (RCP)(18")	LF	2,263.00		
R 52	430-175-118	*	Pipe Storm Sewer Culv (A2000)(18")	LF	972.00		
R 53	430-175-121	*	Pipe Storm Sewer Culv (A2000)(21")	LF	632.00		
R 54	430-175-124	*	Pipe Storm Sewer Culv (RCP)(24")	LF	4,307.00		
R 55	430-175-124	*	Pipe Storm Sewer Culv (A2000)(24")	LF	398.00		
R 56	430-175-130	*	Pipe Storm Sewer Culv (RCP)(30")	LF	741.00		
R 57	430-175-130	*	Pipe Storm Sewer Culv (A2000)(30")	LF	944.00		
R 58	430-175-136	*	Pipe Storm Sewer Culv (RCP)(36")	LF	63.00		
R 59	430-175-136	*	Pipe Storm Sewer Culv (A2000)(36")	LF	833.00		
R 60	430-175-142	*	Pipe Storm Sewer Culv (RCP)(42")	LF	1,040.00		
R 61	430-175-148	*	Pipe Storm Sewer Culv (RCP)(48")	LF	1,096.00		
**R 62	430-175-215	*	Pipe Cross Drain Culv (ERCP) (12"x18") (Addendum #1)	LF	2,014.00		
R 63	430-175-218	*	Pipe Storm Sewer Culv (ERCP) (14"x23")	LF	398.00		
R 64	430-175-224	*	Pipe Cross Drain Culv (ERCP) (19"x30")	LF	612.00		
R 65	430-175-230	*	Pipe Storm Sewer Culv (ERCP)(24"x38") (Addendum #2)	LF	621.00		
R 66	430-175-242	*	Pipe Storm Sewer Culv (ERCP)(34"x53")	LF	96.00		
R 67	430-175-250	*	Pipe Storm Sewer Culv (ERCP) (38"x60")	LF	254.00		
R 68	430-982-125	*	18" MES (Cross Drain)	EA	1.00		
R 69	430-982-633	*	24x38" MES (Cross Drain)	EA	6.00		
R 70	430-984-125	*	MES (Round)(18"SD)	EA	2.00		
R 71	430-984-138	*	MES (Round) (36" SD)	EA	1.00		
R 72	430-984-625	*	MES (Conc Pipe Ellip) (12"x18") (SD)	EA	2.00		
R 73	430-984-625	*	MES (Conc Pipe Ellip) (14"x23") (SD)	EA	5.00		
R 74	440-1-10	*	6" Underdrain and Clean out	LF	2,615.00		
R 75	455-133-2	*	Steel Sheet Piling (Temporary)	SF	4,000.00		
R 76	515-1-2	*	Pipe Handrail (Aluminum)	LF	99.00		
**R 77	520-1-MC1		Type AB Curb & Gutter (Addendum #1)	LF	1,736.00		
R 78	520-1-MC2		Miami Curb&Gutter	LF	1,986.00		
R 79	520-1-10		Type F Curb & Gutter	LF	13,463.00		

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00300-7

Bid "A"

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Addendum #2 - May 22, 2013

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44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East
(Project Nos: 334-6001060 and 319-6045661) ADDENDUM #2 - May 22, 2013
Bid "A" Based on a completion time of 540 Calendar Days
(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
R 80	520-3-		Valley Crossing Gutter, Concrete	LF	482.00		
R 81	520-70		Concrete Traffic Separator (Special)	SY	110.00		
R 82	520-70		Concrete Traffic Separator (Type IV, 4' wide)	SY	145.00		
R 83	522-1		4" Concrete Sidewalk	SY	5,296.00		
R 84	522-2		6" Concrete Sidewalk, Reinforced Driveway	SY	2,131.00		
R 85	522-2		6" Concrete Pedestrian Landing Pad	SY	98.00		
R 86	522-4	*	8" Concrete Bus Shelter Pad, Including Reinforcing Steel	SY	51.00		
R 87	530-3-4		Rip-Rap (Rubble) (Ditch Lining)	TN	90.60		
R 88	550-10-222		Fencing, Type B, 6' Height w/Vinyl Coating, Green	LF	2,710.00		
R 88A	550-10-221		Fencing, Type B, 6' Height w/Barb Wire Attmt, 3' Strand (Addendum #2)	LF	1,110.00		
R 89	550-10-228		Fence Removal and Reinstallation	LF	2,116.00		
R 90	550-MC		Auto Gate Removal and Reinstallation	EA	1.00		
R 91	550-60-233		Fence Gate, Type B, Sliding, 15' opening, w/Vinyl Coating, Green	EA	1.00		
R 92	556-1-5	*	Jack and Bore (32" Steel Casing)	LF	115.00		
R 03	556-1-7	*	Jack & Bore (46" Steel Casing")	LF	120.00		
R 94	570-1-2		Sodding (Performance Turf, Bahia) (Includes Mowing)	SY	73,222.00		
R 95	570-MC		Wetland creation, mitigation and enhancement at NE corner of 44th at 15th	LS	1.00		
						ROADWAY SUBTOTAL:	
UTILITIES - NEW - US41 to 19th St.							
UTILITIES PAY ITEMS							
CO. NO.	FDOT ITEM	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
U 1		*	8" DIP Waterline (CL 50) (Open Cut)	LF	3,082		
U 2		*	6" DIP Waterline (CL 50) Open Cut	LF	150		
U 3		*	8" HDPE Waterline (C-906) DR 11	LF	40		
U 4		*	24" DIP Waterline (CL 350) (Open Cut)	LF	180		
U 5		*	Ductile Iron Fittings	LB	20,000		
U 6		*	Fire Hydrant Blowoff Assembly (per MC Det. UW8)	EA	1		
U 7		*	Fire Hydrant Assembly , Complete incl. 6" DIP & valve	EA	2		
U 8			Relocate Fire Hydrant Assembly	EA	6		
U 9			Connect to Exist. 8" Waterline	EA	5		
U 10			Connect to Exist 6" Waterline	EA	2		

00300-8

Bidder: _____

Bid "A"

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Based on 540 Calendar Day Completion
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44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East
(Project Nos: 334-6001060 and 319-6045661) ADDENDUM #2 - May 22, 2013
Bid "A" Based on a completion time of 540 Calendar Days
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CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
U 11			Cut-in 24"x8" Tee	EA	1		
U 12			Connect to Exist. 24" Watermain - end connect	EA	3		
U 13		*	Pipe Adapter (HDPE to MJ)	EA	2		
U 14		*	8" Pipe Joint Restraints	EA	180		
U 15		*	24" Pipe Joint Restraints	EA	45		
U 16		*	6" Gate Valve w/Box	EA	3		
U 17		*	8" Gate Valve w/Box	EA	5		
U 18		*	24" Butterfly Valve w/Box	EA	4		
U 19		*	Connect to Exist. 24" Waterline - saddle tap connection (Addendum #2)	EA	3		
U 20			ARV Assembly for Force Main (per MC Std Det. US 25)	EA	2		
U 21			Grout & plug out of service pipe	CY	25		
U 22		*	Remove Exist. Waterline 8" and under	LF	300		
U 23		*	Forcemain Relocation 6" & Under incl. fittings C900 PVC	LF	160		
U 24		*	Sanitary Sewer Service Lateral (Single) (Addendum #2)	EA	8		
U25		*	Sanitary Sewer Service Lateral (Double) (Addendum #2)	EA	2		
U26		*	Relay Sewer Service 6" & Under incl. fittings PVC DR26	LF	120		
U27		*	Sanitary Tanker Service	HR	12		
U28			Adjust Manhole Lid to Grade	EA	21		
U29		*	Rehab Existing Sanitary Manhole	SF	2,500		
U30		*	Hymax Adapter	EA	3		
U31		*	Remove 24" CI Waterline and Valves	LS	1		
U32		*	24"x 8" Tapping Sleeve and Valve	EA	2		
U33		*	24" x 6" Tapping Sleeve and Valve	EA	1		
U34		*	Replace Water Service, (long, single)	EA	22		
U35		*	Replace Water Service, (short, single)	EA	6		
U36			Replace Exist. Water Service, (long, double)	EA	3		
U37		*	Replace Water Service w/3" DIP, six meter boxes & gate valve	EA	2		
U38		*	BackFlow Preventer (1" Dia.)	EA	3		
U39		*	Relocate Master Meter Assembly 6 "	LS	1		

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00300-9

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(Project Nos: 334-6001060 and 319-6045661) ADDENDUM #2 - May 22, 2013
Bid "A" Based on a completion time of 540 Calendar Days
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CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
U40			Replace 2" Master Meter Assembly & service	LS	1		
U41			2" Air Release Assembly for 16" and Larger Mains (UW 10)	EA	1		
U42			Miscellaneous Concrete	CY	30		
U43			Mobilization @ 10%	LS	1		
U44			UTILITIES Misc Work & Clean Up @5%	LS	1		
U45			UTILITIES Discretionary	LS	1		\$90,000.00
						UTILITIES SUBTOTAL:	
TRAFFIC ELEMENTS - SIGNAL, LIGHTING, S&PM - 15th St. (NORTH-SOUTH)							
TRAFFIC PAY ITEMS (COMBINED)							
CO. NO.	FDOT ITEM	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
T 1	555-1-2	*	DIRECTIONAL BORE, 6' TO < 12'	LF	400		
T 2	630-1-11	*	SERVICE CONDUIT RISER F&I	LF	75		
T 3	630-1-12	*	CONDUIT, SIGNALS, F&I, UNDERGROUND	LF	200		
T 4	632-6-1	*	CABLE, SIGNAL, F&I, OUTSIDE OF INTERSECTION	LF	400		
T 5	632-7-1	*	CABLE, SIGNAL, F&I COUNT	PI	1		
T 6	633-3-11	*	SIGNALS-FIBER OPTIC CONNECTION HARDWARE, F&I SPLICE ENCLOSURE	EA	1		
T 7	635-1-11	*	PULL & JUNCTION BOXES, F&I, PULL BOX	EA	9		
T 8	639-1-22	*	SIGNALS, ELECTRICAL POWER SERVICE, UNDERGROUND	AS	1		
T 9	639-2-1	*	SIGNALS, ELECTRICAL SERVICE WIRE	LF	100		
T 10	639-3-11	*	SIGNAL, ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	1		
T 11	641-2-12	*	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE 12'	EA	1		
T 12	646-1-11	*	ALUMINUM SIGNAL POLES PEDESTAL, F&I	EA	8		
T 13	649-31-999	*	MAST ARM, F&I, CUSTOM	EA	4		
T 14	650-1-313	*	TRAFFIC SIGNAL, F&I, 3 SECTION, 1 WAY, STANDARD (LED)	AS	4		
T 15	650-1-513	*	TRAFFIC SIGNAL, F&I, 5 SECTIONS, 1 WAY, STANDARD (LED)	AS	4		
T 16	653-191	*	PEDESTRIAN SIGNAL, F&I, LED-COUNTDOWN, 1 DIRECTION 16"	AS	8		
T 17	663-74-15	*	VIDEO DETECTOR ASSEMBLY, F&I	EA	4		
T 18	665-13	*	PEDESTRIAN DETECTOR, F&I, (DETECTOR STATION AND SIGN)	EA	8		
T 19	670-5-111	*	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 1 PREEMPTION	AS	1		
T 20	699-1-1	*	INTERNAL ILLUM SIGN, F&I, STREET NAME (LED) INTERNAL	EA	4		

Bidder: _____

Authorized Signature: _____

00300-10

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44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East
(Project Nos: 334-6001060 and 319-6045661) ADDENDUM #2 - May 22, 2013
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CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
T 21	700-20-11	*	SINGLE POST SIGN, F&I, LESS THAN 12 SF	AS	9		
T 22	700-46-1	*	SIGN EXISTING, REMOVE	AS	4		
T 23	700-89-2	*	SIGN, ELECTRIC POWERED LED R3-2, 30" x 30"	EA	1		
T 24	706-3	*	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	325		
T 25	711-11-160		THERMOPLASTIC, STANDARD, WHITE, MESSAGE	EA	5		
T 26	711-11-170		THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	13		
T 27	711-11-111		THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	NM	0		
T 28	711-11-123		THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	350		
T 29	711-11-224		THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18"	LF	500		
T 30	711-11-125		THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	200		
T 31	711-11-211		THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	NM	0		
T 32	715-1-12	*	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 8-6	LF	400		
T 33	715-5-12	*	150 WATT HIGH PRESSURE SODIUM LUMINAIRE, F&I	EA	4		
T 34	783-1-122	*	ITS FIBER OPTIC CABLE, F&I, UNDERGROUND, 13-48 FIBERS	LF	125		
T 35	783-5-1	*	ITS PULL BOX FOR FIBER OPTIC CABLE, F&I	EA	1		
T 36	783-6-1	*	ITS SPLICE BOX FOR FIBER OPTIC CABLE, F&I	EA	1		
				SUB TOTAL: TRAFFIC PAY ITEMS (COMBINED)15th St North-South			
Traffic Elements - Signals, Lighting, S&PM - US41 to 15th St.							
SIGNALIZATION PAY ITEMS							
CO. NO.	FDOT ITEM	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
T 37	555-1-1	*	DIRECTIONAL BORE (<6") (2" HDPE)	LF	600		
T 38	555-1-2	*	DIRECTIONAL BORE (6" TO <12") (2" HDPE)	LF	645		
T 39	630-1-11	*	CONDUIT (F&I) (ABOVEGROUND) (2")	LF	80		
T 40	630-1-12	*	CONDUIT (F&I) (UNDERGROUND) (1.25")	LF	10		
T 41	630-1-12	*	CONDUIT (F&I) (UNDERGROUND) (2")	LF	597		
T 42	630-1-13	*	CONDUIT (F&I) (UNDERPAVEMENT)	LF	134		
T 43	632-7-1	*	CABLE (SIGNAL) (F&I)	PI	2		
T 44	635-1-11	*	PULL AND JUNCTION BOXES (F&I) (PULL BOX)	EA	20		
T 45	639-1-122	*	ELECTRICAL POWER SERVICE (F&I)(UNDERGROUND)	AS	2		

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Authorized Signature: _____

00300-11

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T 46	639-2-1	*	ELECTRICAL SERVICE WIRE (F&I)	LF	800		
T 47	639-3-11	*	ELECTRICAL SERVICE DISCONNECT (F&I)(POLE MOUNT)	EA	1		
T 48	641-2-12	*	PRESTRESSED CONCRETE POLE (F&I) (TYPE P-II POLE)	EA	3		
T 49	646-1-11	*	ALUMINUM SIGNALS POLE (F&I)(ALUMINUM PEDESTAL)	EA	12		
T 50	649-31-201	*	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (36)	EA	1		
T 51	649-31-202	*	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (46)	EA	2		
T 52	649-31-203	*	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (60)	EA	1		
T 53	649-31-299	*	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (CUSTOM)	EA	2		
T 54	650-1-311	*	TRAFFIC SIGNAL (F&I) (3 SECT.) (1-WAY) (LED)	AS	10		
T 55	650-1-511	*	TRAFFIC SIGNAL (F&I) (5 SECT.) (1-WAY) (LED)	AS	7		
T 56	653-191	*	PEDESTRIAN SIGNALS (F&I) (LED) (1 WAY)(COUNTDOWN)	AS	8		
T 57	653-192	*	PEDESTRIAN SIGNALS (F&I) (LED) (2 WAY)(COUNTDOWN)	AS	4		
T 58	663-74-15	*	VEHICLE DETECTOR ASSEMBLIES (F&I) (VIDEO)	EA	8		
T 59	665-13	*	PED. DETECTOR (F&I) (DETECTOR WITH SIGN ONLY)	EA	16		
T 60	670-5-110	*	TRAFFIC CONTROLLER ASSEMBLY (F&I) (NEMA) (NO PREEMPT)	AS	2		
T 61	685-106	*	UNINTERRUPTIBLE POWER SOURCE (UPS)	EA	2		
T 62	690-10		REMOVE SIGNAL HEAD ASSEMBLY	EA	8		
T 63	690-20		REMOVE SIGNAL PEDESTRIAN ASSEMBLY	EA	4		
T 64	690-31		REMOVE SIGNAL PEDESTAL	EA	3		
T 65	690-34-1		REMOVE POLE (DEEP) (DIRECT BURIAL)	EA	3		
T 66	690-50		REMOVE CONTROLLER ASSEMBLY	EA	1		
T 67	690-60		REMOVE VEHICLE DETECTOR ASSEMBLY	EA	8		
T 68	690-70		REMOVE DETECTOR PEDESTRIAN ASSEMBLY	EA	8		
T 69	690-80		REMOVE SPAN WIRE ASSEMBLY	EA	2		
T 70	690-90		REMOVE CONDUIT & CABLING	PI	1		
T 71	690-100		REMOVE MISCELLANEOUS SIGNAL EQUIPMENT	PI	1		
T 72	699-1-1	*	INTERNALLY ILLUMINATED SIGN (F&I) (EDGE LIT LED)	EA	8		

Bidder: _____

Authorized Signature: _____

00300-12

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44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East (Project Nos: 334-6001060 and 319-6045661) ADDENDUM #2 - May 22, 2013

Bid "A" Based on a completion time of 540 Calendar Days

(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
T 73	700-48-18	*	SIGN PANEL (F&I)	EA	2		
T 74	700-48-60	*	SIGN PANEL (REMOVE)	AS	5		
T 75	783-1-121	*	ITS FIBER OPTIC CABLE (F&I)	LF	1125		
T 76	783-2-31	*	ITS FIBER OPTIC (INSTALL) (SPLICE)	EA	12		
T 77	783-3-11	*	ITS FO CONNECTION HARDWARE (F&I) (SPLICE ENCL)	EA	2		
T 78	783-3-12	*	ITS FO CONNECTION HARDWARE (F&I) (SPLICE TRAY)	EA	2		
T 79	783-3-15	*	ITS FO CONNECTION HARDWARE (F&I) (PATCH PANEL)	EA	2		
T 80	783-4-112	*	ITS CONDUIT (F&I)(UNDERGROUND)	LF	85		
T81	784-1-1	*	ITS FIELD ETHERNET SWITCH	EA	2		
						SUBTOTAL: SIGNALIZATION PAY ITEMS (US41 to 15thSt)	
LIGHTING PAY ITEMS							
T82	555-1-2	*	DIRECTIONAL BORE (6" TO LESS THAN 12")	LF	700		
T83	715-1-13	*	CONDUCTOR (F&I)(INSULATED)(NO. 4)	LF	14,805		
T84	715-2-11	*	CONDUIT (F&I) 2 INCH, (UNDERGROUND) (LIGHTING & COMM.)	LF	4,580		
T85	715-2-11	*	CONDUIT (F&I) 3 INCH, (UNDERGROUND) (LIGHTING & COMM.)	LF	4,580		
T86	715-7-11	*	LOAD CENTER (F&I)(SECONDARY VOLTAGE)	EA	1		
T87	715-14-11	*	PULL BOX (F&I)(ROADSIDE)(MOULDED)	EA	33		
T88	715-500-1	*	POLE CABLE DISTRIBUTION SYSTEM (CONVENTIONAL)	EA	26		
T89	715-511-135	*	LIGHT POLE COMPLETE (SPECIAL)(35 FT MH)	EA	26		
T90	783-5-1	*	FIBER OPTIC PULL BOX	EA	14		
T91	783-6-1	*	FIBER OPTIC SPLICE BOX	EA	4		
						SUBTOTAL: LIGHTING PAY ITEMS (US41 to 15thSt)	

Bidder: _____

Authorized Signature: _____

00300-13

Bid "A"

Based on 540 Calendar Day Completion

Addendum #2 - May 22, 2013

SECTION 00300 BID FORM

(Submit in triplicate)

44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East
(Project Nos: 334-6001060 and 319-6045661) ADDENDUM #2 - May 22, 2013
Bid "A" Based on a completion time of 540 Calendar Days
(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
SIGNING AND MARKING PAY ITEMS							
T92	700-20-11	*	SINGLE POST SIGN, (F&I)(LESS THAN 12)	AS	45		
T93	700-20-12	*	SINGLE POST SIGN, (F&I)(12-20)	AS	13		
T94	700-20-40	*	SINGLE POST SIGN, RELOCATE	AS	3		
T95	700-21-11	*	MULTI-POST SIGN, F&I, LESS THAN 50 SF	AS	3		
T96	705-10-1	*	OBJECT MARKER, TYPE 1	EA	9		
T97	706-3	*	RETRO-REFLECTIVE PAVEMENT MARKERS (1 APPLICATIONS)	EA	580		
T98	710-11-190		PAINTED PAVEMENT MARKINGS, STD, WHITE, ISLAND NOSE	SF	30		
T99	711-11-111		THERMOPLASTIC, STD, WHITE, SOLID, 6"	NM	2.13		
T100	711-11-122		THERMOPLASTIC, STD, WHITE, SOLID, 8"	LF	520		
T101	711-11-123		THERMOPLASTIC, STD, WHITE, SOLID, 12"	LF	2140		
T102	711-11-124		THERMOPLASTIC, STD, WHITE, SOLID, 18"	LF	280		
T103	711-11-125		THERMOPLASTIC, STD, WHITE, SOLID, 24"	LF	530		
T104	711-11-151		THERMOPLASTIC, STD, WHITE, DOTTED/GUIDELINE, 6"	LF	120		
T105	711-11-160		THERMOPLASTIC, STD, WHITE, MESSAGE	EA	2		
T106	711-11-170		THERMOPLASTIC, STD, WHITE, ARROW	EA	64		
T107	711-11-180		THERMOPLASTIC, STD, WHITE, YIELD LINE	LF	30		
T108	711-11-211		THERMOPLASTIC, STD, YELLOW, SOLID, 6"	NM	1.811		
T109	711-11-224		THERMOPLASTIC, STD, YELLOW, SOLID, 18"	LF	220		
T110	711-11-231		THERMOPLASTIC, STD, YELLOW, SKIP, 6"	GM	1.317		
T111	711-11-251		THERMOPLASTIC, STD, YELLOW, DOTTED/GUIDELINE, 6"	LF	665		
T112	711-17		THERMOPLASTIC, REMOVE	SF	24		
						US 41 to 15th - S & PM Subtotal:	
Traffic Elements - Signals, Lighting, S&PM - 15th St. to 19th St.							
SIGNALIZATION PAY ITEMS							
CO. NO.	FDOT ITEM	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
T113	555-1-2	*	DIRECTIONAL BORE (6" TO <12") (2" HDPE)	LF	315		
T114	630-1-11	*	CONDUIT (F&I) (ABOVEGROUND) (2")	LF	20		
T115	630-1-12	*	CONDUIT (F&I) (UNDERGROUND) (1.25")	LF	20		
T116	630-1-12	*	CONDUIT (F&I) (UNDERGROUND) (2")	LF	390		

00300-14

Bid "A"

Bidder: _____

Based on 540 Calendar Day Completion

Authorized Signature: _____

Addendum #2 - May 22, 2013

SECTION 00300 BID FORM

(Submit in triplicate)

44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East
(Project Nos: 334-6001060 and 319-6045661) ADDENDUM #2 - May 22, 2013
Bid "A" Based on a completion time of 540 Calendar Days
(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
T117	632-7-1	*	CABLE (SIGNAL) (F&I)	PI	1		
T118	635-1-11	*	PULL AND JUNCTION BOXES (F&I) (PULL BOX)	EA	11		
T119	639-1-122	*	ELECTRICAL POWER SERVICE (UNDERGROUND)	AS	1		
T120	639-2-1	*	ELECTRICAL SERVICE WIRE (F&I)	LF	375		
T121	641-2-12	*	PRESTRESSED CONCRETE POLE (F&I) (TYPE P-II POLE)	EA	1		
T122	646-1-11	*	ALUMINUM SIGNALS POLE (F&I)	EA	7		
T123	649-31-202	*	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (46)	EA	1		
T124	649-31-203	*	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (60)	EA	1		
T125	649-31-218	*	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (60-70.5)	EA	1		
T126	650-1-311	*	TRAFFIC SIGNAL (F&I) (3 SECT.) (1-WAY) (LED)	AS	8		
T127	650-1-511	*	TRAFFIC SIGNAL (F&I) (5 SECT.) (1-WAY) (LED)	AS	1		
T128	653-191	*	PEDESTRIAN SIGNALS (F&I) (LED) (1 WAY)(COUNTDOWN)	AS	6		
T129	653-192	*	PEDESTRIAN SIGNALS (F&I) (LED) (2 WAY)(COUNTDOWN)	AS	1		
T130	663-74-15	*	VEHICLE DETECTOR ASSEMBLIES (F&I) (VIDEO)	EA	4		
T131	665-13	*	PED. DETECTOR (F&I) (DETECTOR WITH SIGN ONLY)	EA	8		
T132	670-5-110	*	TRAFFIC CONTROLLER ASSEMBLY (F&I) (NEMA) (NO PREEMPT)	AS	1		
T133	685-106	*	UNINTERRUPTIBLE POWER SOURCE (UPS)	EA	1		
T134	699-1-1	*	INTERNALLY ILLUMINATED SIGN (F&I) (EDGE LIT LED)	EA	4		
T135	700-48-18	*	SIGN PANEL (F&I)	EA	1		
T136	783-1-121	*	ITS FIBER OPTIC CABLE (F&I)	LF	110		
T137	783-2-31	*	ITS FIBER OPTIC (INSTALL) (SPLICE)	EA	4		
T138	783-3-15	*	ITS FO CONNECTION HARDWARE (F&I) (PATCH PANEL)	EA	1		
T139	783-4-112	*	ITS CONDUIT (F&I)(UNDERGROUND)	LF	40		
T140	784-1-1	*	ITS FIELD ETHERNET SWITCH	EA	1		
					15th to 19th - Signals Subtotal:		
LIGHTING PAY ITEMS							
T141	555-1-1	*	DIRECTIONAL BORE (LESS THAN 6")	LF	375		
T142	555-1-2	*	DIRECTIONAL BORE (6" TO LESS THAN 12")	LF	350		
T143	715-1-12	*	CONDUCTOR (F&I)(INSULATED)(NO. 6)	LF	9,560		

Bidder: _____

Authorized Signature: _____

00300-15

Bid "A"

Based on 540 Calendar Day Completion

Addendum #2 - May 22, 2013

SECTION 00300 BID FORM

(Submit in triplicate)

44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East
(Project Nos: 334-6001060 and 319-6045661) ADDENDUM #2 - May 22, 2013
Bid "A" Based on a completion time of 540 Calendar Days
(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
T144	715-1-13	*	CONDUCTOR (F&I)(INSULATED)(NO. 4)	LF	1,335		
T145	715-2-11	*	CONDUIT (F&I 2 INCH UNDERGROUND)(LIGHTING & COMMUNICATION CONDUIT)	LF	2,975		
T146	715-2-11	*	CONDUIT (F & I 3 INCH UNDERGROUND) (LIGHTING & COMMUNICATION CONDUIT)	LF	480		
T147	715-4-123	*	LIGHT POLE COMPLETE (130 MPH)(50 FT MH)	EA	11		
T148	715-7-11	*	LOAD CENTER (F&I)(SECONDARY VOLTAGE)	EA	1		
T 149	715-14-11	*	PULL BOX (F&I)(ROADSIDE)(MOULDED)	EA	23		
T150	715-500-1	*	POLE CABLE DISTRIBUTION SYSTEM (CONVENTIONAL)	EA	11		
T51	783-5-1	*	FIBER OPTIC PULL BOX	EA	3		
T152	783-6-1	*	FIBER OPTIC SPLICE BOX	EA	1		
						15th to 19th - Lighting Subtotal:	
SIGNING AND MARKING PAY ITEMS							
T153	700-20-11	*	SINGLE POST SIGN, (F&I)(LESS THAN 12)	AS	16		
T154	700-21-11	*	MULTI-POST SIGN, (F&I), LESS THAN 50 SF	AS	4		
T155	705-10-1	*	OBJECT MARKER, TYPE 1	EA	2		
T156	706-3	*	RETRO-REFLECTIVE PAVEMENT MARKERS (1 APPLICATIONS)	EA	218		
T157	710-11-290		PAINTED PAVEMENT MARKINGS, STD, YELLOW, ISLAND NOSE	SF	20		
T158	711-11-111		THERMOPLASTIC, STD, WHITE, SOLID, 6"	NM	0.822		
T159	711-11-123		THERMOPLASTIC, STD, WHITE, SOLID, 12"	LF	762		
T160	711-11-125		THERMOPLASTIC, STD, WHITE, SOLID, 24"	LF	340		
T161	711-11-131		THERMOPLASTIC, STD, WHITE, SKIP, 6", 10-30 SKIP	GM	0.555		
T162	711-11-133		THERMOPLASTIC, STD, WHITE, SKIP, 12", 3-9 LANE DROP	GM	0.077		
T163	711-11-151		THERMOPLASTIC, STD, WHITE, DOTTED/GUIDELINE, 6"	LF	550		
T164	711-11-160		THERMOPLASTIC, STD, WHITE, MESSAGE	EA	26		
T165	711-11-170		THERMOPLASTIC, STD, WHITE, ARROW	EA	34		
T166	711-11-211		THERMOPLASTIC, STD, YELLOW, SOLID, 6"	NM	0.885		
T167	711-11-224		THERMOPLASTIC, STD, YELLOW, SOLID, 18"	LF	95		
						15th to 19th- S & PM Subtotal:	
MISC.							

Bidder: _____

Authorized Signature: _____

00300-16
Bid "A"

Based on 540 Calendar Day Completion
Addendum #2 - May 22, 2013

SECTION 00300 BID FORM

(Submit in triplicate)

44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East
(Project Nos: 334-6001060 and 319-6045661) ADDENDUM #2 - May 22, 2013
Bid "A" Based on a completion time of 540 Calendar Days
(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
MANATEE COUNTY MISCELLANEOUS PAY ITEMS							
CO. NO.	FDOT ITEM		DESCRPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
M 1	101-1		ROADWAY & TRAFFIC Mobilization	LS	1		
M 2	102-1		Maintenance of Traffic (ALL)	LS	1		
M3	102-104		TEMPORARY SIGNALIZATION & MAINTENANCE OF INTERSECTION	ED	400		
M4	102-107-1		TEMPORARY TRAFFIC DETECTION & MAINTENANCE OF INTERSECTION	ED	400		
M5			ROADWAY & TRAFFIC Discretionary Work	LS	1		\$700,000.00
						<i>MANATEE COUNTY MISC PAY ITEMS SUBTOTAL:</i>	
TOTAL BID PRICE:							
BID 'A' BASED ON A 540 CALENDAR DAY COMPLETION TIME (ADDENDUM #2)							

*Indicates items that require Shop Drawing Submittal. The Contractor shall be responsible for the preparation and submittal of all Shop Drawings in accordance with FDOT Standard Specifications for Road and Bridge Construction 5-1-4.2 Work Items Requiring Shop Drawings.

Bidder: _____

Authorized Signature: _____

00300-17
Bid "A"
Based on 540 Calendar Day Completion
Addendum #2 - May 22, 2013

SECTION 00300 BID FORM

(Submit in triplicate)

**44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East
(Project Nos: 334-6001060 and 319-6045661) (ADDENDUM #2 - May 22, 2013)**

Bid "B" Based on a completion time of 720 Calendar Days

(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
ROADWAY - US41 to 19th St.							
ROADWAY PAY ITEMS							
R 1	104-10-3		Staked Silt Fence (Type III)	LF	21,111.00		
R 2	104-11		Floating Turbidity Barrier	LF	126.00		
R 3	104-15		Soil Tracking Prevention Device	EA	2.00		
**R 3A	104-MC		Dewatering and Water Pollution Control for Pond "A" (Addendum #1)	LS	1.00		
R 4	104-18		Inlet Protection System	EA	123.00		
R 5	110-1-1		Clearing & Grubbing	AC	38.48		
R 6	110-4		Removal of Exist. Conc. Pvmt.	SY	335.00		
R 7	110-7-1		Mailbox (Furnish & Install),	EA	14.00		
R 8	120-1		Regular Excavation	CY	130,103.00		
R 9	120-4		Excavation, Subsoil (Roadway)	CY	5,027.00		
R 10	120-6		Embankment (Regular)	CY	14,702.00		
R 11	145-1	*	Geosynthetic Reinforced Soil Slope	SF	3,184.00		
R 12	160-4		6" Stabilized Sub-base	SY	2,129.00		
R 13	160-4		12" Stabilized Sub-base	SY	50,038.00		
R 14	285-701		Optional Base Group 1:(Paved Shoulder)	SY	243.00		
R 15	285-704		Optional Base Group 4: 8th St Ct E	SY	2,023.00		
R 16	285-709		Optional Base Group 9:	SY	47,448.00		
**R 16A	285-MC		6" Crushed Concrete Base for Railroad Crossing (Addendum #1)	SY	302.00		
R 17	286-1		Turnout Construction (15th St E Driveways)	SY	76.00		
R 18	327-70-4		Milling Exist. Asph. Pavement (3" Avg. Depth), 15th St E	SY	2,744.00		
R 19	327-70-6		Milling Exist. Asph. Pavement (1" Avg. Depth), 9th St E	SY	1,762.00		
**R 20	334-1-13	*	2" SP12.5 Structural Course, Traffic C (Addendum #1)	TN	420.00		
**R 20A	334-1-13	*	3" SP12.5 Structural Course, Traffic C, (Widening on 15th St E)	TN	245.00		
**R 20B	334-MC	*	8" Asphalt Underlayment for Railroad Crossing (Addendum #1)	TN	110.00		
R 21	334-1-MC1	*	2" Type S-1 Asphalt Concrete (Incl Tack Coat)	TN	4,631.00		

Bidder: _____

Authorized Signature: _____

00300-18

Bid "B"

Based on 720 Calendar Day Completion

Addendum #2 - May 22, 2013

SECTION 00300 BID FORM

(Submit in triplicate)

44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East (Project Nos: 334-6001060 and 319-6045661) (ADDENDUM #2 - May 22, 2013)

Bid "B" Based on a completion time of 720 Calendar Days

(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
R 22	334-1-MC1	*	1" Type S-1 Asphalt Concrete (Incl Tack Coat)	TN	96.00		
R 23	334-1-MC2	*	1" Type S-III Asphalt Concrete	TN	2,497.00		
R 24	337-7-42	*	1-1/2" asphaltic Friction Course (FC-9.5) (Paved Shoulder)	TN	20.00		
R 25	337-7-42	*	1" Asphaltic Friction Course (FC 9.5) (Traffic C)	TN	296.00		
R 26	400-1-2	*	Class I Concrete (Endwalls and Pipe Support), Including Reinforcing Steel	CY	6.26		
R 27	400-1-2	*	Class I Concrete (Misc, Swale Crossing, Concrete Spillway), Including Reinforcing Steel	CY	103.00		
**R 28	400-1-10	*	Class III Concrete (Concrete Encasement), Including Reinforcing Steel and Bearing Pad (Addendum #1)	CY	152.12		
R 29	410-70-MC	*	Triple Barrel Box Culvert ,3(8' x 4')	LF	192.00		
**R 30	425-1-351	*	Inlets (Curb) (Type P-5) (<10') (Addendum #2)	EA	7.00		
**R 31	425-1-352	*	Inlets (Curb) (Type P-5) (>10') (Addendum #2)	EA	3.00		
R 32	425-1-361	*	Inlets (Curb) (Type P-6) (<10')	EA	5.00		
R 33	425-1-451	*	Inlets (Curb) (Type J-5) (<10')	EA	1.00		
R 34	425-1-MC1	*	Curb Inlet/ Conflict Box	EA	33.00		
**R 35	425-1-MC2	*	Grate Inlets (Addendum #2)	EA	28.00		
R 36	425-1-MC3	*	Drop Inlet	EA	12.00		
R 37	425-1-MC4	*	Outfall Control Structure, Including Reinforcing Steel and Skimmer	EA	3.00		
R 38	425-1-MC5	*	Junction Box/Conflict Box	EA	12.00		
R 39	425-1-MC6	*	Adjust/Reconstruct Existing Inlet	EA	3.00		
R 40	425-1-529	*	Inlet (Dt Bot) (Type C Modified) (<10')	EA	5.00		
R 41	425-1-583	*	Inlet (Dt Bot) (Type H Modified) (<10')	EA	1.00		
R 42	425-1-701	*	Gutter Inlet (modified Type S) (<10)	EA	1.00		
R 43	425-1-711	*	Gutter Inlet (Type V) (<10)	EA	2.00		
R 44	425-2-41	*	Manholes (P-7) (<10')	EA	1.00		
**R 45	425-2-61	*	Manholes (P-8)(<10') (Addendum #2)	EA	6.00		
R 46	425-2-62	*	Manholes (P-8)(>10')	EA	1.00		
R 47	425-2-71	*	Manholes (J-7) (<10')	EA	3.00		
**R 48	425-2-91	*	Manholes (J-8)(<10') (Addendum #2)	EA	5.00		
R 49	430-175-115	*	Pipe Storm Sewer Culv (RCP)(15")	LF	2,421.00		
R 50	430-175-115	*	Pipe Storm Sewer Culv (A2000,PVC)(15")	LF	228.00		

00300-19

Bidder: _____

Bid "B"

Based on 720 Calendar Day Completion

Authorized Signature: _____

Addendum #2 - May 22, 2013

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44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East (Project Nos: 334-6001060 and 319-6045661) (ADDENDUM #2 - May 22, 2013)

Bid "B" Based on a completion time of 720 Calendar Days

(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
R 51	430-175-118	*	Pipe Storm Sewer Culv (RCP)(18")	LF	2,263.00		
R 52	430-175-118	*	Pipe Storm Sewer Culv (A2000)(18")	LF	972.00		
R 53	430-175-121	*	Pipe Storm Sewer Culv (A2000)(21")	LF	632.00		
R 54	430-175-124	*	Pipe Storm Sewer Culv (RCP)(24")	LF	4,307.00		
R 55	430-175-124	*	Pipe Storm Sewer Culv (A2000)(24")	LF	398.00		
R 56	430-175-130	*	Pipe Storm Sewer Culv (RCP)(30")	LF	741.00		
R 57	430-175-130	*	Pipe Storm Sewer Culv (A2000)(30")	LF	944.00		
R 58	430-175-136	*	Pipe Storm Sewer Culv (RCP)(36")	LF	63.00		
R 59	430-175-136	*	Pipe Storm Sewer Culv (A2000)(36")	LF	833.00		
R 60	430-175-142	*	Pipe Storm Sewer Culv (RCP)(42")	LF	1,040.00		
R 61	430-175-148	*	Pipe Storm Sewer Culv (RCP)(48")	LF	1,096.00		
**R 62	430-175-215	*	Pipe Cross Drain Culv (ERCP) (12"x18") (Addendum #1)	LF	2,014.00		
R 63	430-175-218	*	Pipe Storm Sewer Culv (ERCP) (14"x23")	LF	398.00		
R 64	430-175-224	*	Pipe Cross Drain Culv (ERCP) (19"x30")	LF	612.00		
**R 65	430-175-230	*	Pipe Storm Sewer Culv (ERCP)(24"x38")(Addendum #2)	LF	621.00		
R 66	430-175-242	*	Pipe Storm Sewer Culv (ERCP)(34"x53")	LF	96.00		
R 67	430-175-250	*	Pipe Storm Sewer Culv (ERCP) (38"x60")	LF	254.00		
R 68	430-982-125	*	18" MES (Cross Drain)	EA	1.00		
R 69	430-982-633	*	24x38" MES (Cross Drain)	EA	6.00		
R 70	430-984-125	*	MES (Round)(18"SD)	EA	2.00		
R 71	430-984-138	*	MES (Round) (36" SD)	EA	1.00		
R 72	430-984-625	*	MES (Conc Pipe Ellip) (12"x18") (SD)	EA	2.00		
R 73	430-984-625	*	MES (Conc Pipe Ellip) (14"x23") (SD)	EA	5.00		
R 74	440-1-10	*	6" Underdrain and Clean out	LF	2,615.00		
R 75	455-133-2	*	Steel Sheet Piling (Temporary)	SF	4,000.00		
R 76	515-1-2	*	Pipe Handrail (Aluminum)	LF	99.00		
**R 77	520-1-MC1		Type AB Curb & Gutter (Addendum #1)	LF	1,736.00		
R 78	520-1-MC2		Miami Curb&Gutter	LF	1,986.00		
R 79	520-1-10		Type F Curb & Gutter	LF	13,463.00		

00300-20

Bid "B"

Bidder: _____

Based on 720 Calendar Day Completion

Authorized Signature: _____

Addendum #2 - May 22, 2013

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44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East (Project Nos: 334-6001060 and 319-6045661) (ADDENDUM #2 - May 22, 2013)

Bid "B" Based on a completion time of 720 Calendar Days

(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
R 80	520-3-		Valley Crossing Gutter, Concrete	LF	482.00		
R 81	520-70		Concrete Traffic Separator (Special)	SY	110.00		
R 82	520-70		Concrete Traffic Separator (Type IV, 4' wide)	SY	145.00		
R 83	522-1		4" Concrete Sidewalk	SY	5,296.00		
R 84	522-2		6" Concrete Sidewalk, Reinforced Driveway	SY	2,131.00		
R 85	522-2		6" Concrete Pedestrian Landing Pad	SY	98.00		
R 86	522-4	*	8" Concrete Bus Shelter Pad, Including Reinforcing Steel	SY	51.00		
R 87	530-3-4		Rip-Rap (Rubble) (Ditch Lining)	TN	90.60		
R 88	550-10-222		Fencing, Type B, 6' Height w/Vinyl Coating, Green	LF	2,710.00		
**R 88A	550-10-221		Fencing, Type B, 6' Height w/Barb Wire Attmt, 3' Strand (Addendum #2)	LF	1,110.00		
R 89	550-10-228		Fence Removal and Reinstallation	LF	2,116.00		
R 90	550-MC		Auto Gate Removal and Reinstallation	EA	1.00		
R 91	550-60-233		Fence Gate, Type B, Sliding, 15' opening, w/Vinyl Coating, Green	EA	1.00		
R 92	556-1-5	*	Jack and Bore (32" Steel Casing)	LF	115.00		
R 93	556-1-7	*	Jack & Bore (46" Steel Casing")	LF	120.00		
R 94	570-1-2		Sodding (Performance Turf, Bahia) (Includes Mowing)	SY	73,222.00		
R 95	570-MC		Wetland creation, mitigation and enhancement at NE corner of 44th at 15th	LS	1.00		
						ROADWAY SUBTOTAL:	
UTILITIES - NEW - US41 to 19th St.							
UTILITIES PAY ITEMS							
CO. NO.	FDOT ITEM	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
U 1		*	8" DIP Waterline (CL 50) (Open Cut)	LF	3,082		
U 2		*	6" DIP Waterline (CL 50) Open Cut	LF	150		
U 3		*	8" HDPE Waterline (C-906) DR 11	LF	40		
U 4		*	24" DIP Waterline (CL 350) (Open Cut)	LF	180		
U 5		*	Ductile Iron Fittings	LB	20,000		
U 6		*	Fire Hydrant Blowoff Assembly (per MC Det. UW8)	EA	1		
U 7		*	Fire Hydrant Assembly , Complete incl. 6" DIP & valve	EA	2		
U 8			Relocate Fire Hydrant Assembly	EA	6		
U 9			Connect to Exist. 8" Waterline	EA	5		
U 10			Connect to Exist 6" Waterline	EA	2		

00300-21

Bidder: _____

Bid "B"

Authorized Signature: _____

Based on 720 Calendar Day Completion

Addendum #2 - May 22, 2013

SECTION 00300 BID FORM

(Submit in triplicate)

44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East (Project Nos: 334-6001060 and 319-6045661) (ADDENDUM #2 - May 22, 2013)

Bid "B" Based on a completion time of 720 Calendar Days

(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
U 11			Cut-in 24"x8" Tee	EA	1		
U 12			Connect to Exist. 24" Watermain - end connect	EA	3		
U 13		*	Pipe Adapter (HDPE to MJ)	EA	2		
U 14		*	8" Pipe Joint Restraints	EA	180		
U 15		*	24" Pipe Joint Restraints	EA	45		
U 16		*	6" Gate Valve w/Box	EA	3		
U 17		*	8" Gate Valve w/Box	EA	5		
U 18		*	24" Butterfly Valve w/Box	EA	4		
U 19		*	Connect to Exist. 24" Waterline - saddle tap connection	EA	6		
U 20			ARV Assembly for Force Main (per MC Std Det. US 25)	EA	2		
U 21			Grout & plug out of service pipe	CY	25		
U 22		*	Remove Exist. Waterline 8" and under	LF	300		
U 23		*	Forcemain Relocation 6" & Under incl. fittings C900 PVC	LF	160		
U 24		*	Sanitary Sewer Service Lateral (Single)	EA	12		
U 25		*	Sanitary Sewer Service Lateral (Double)	EA	4		
U 26		*	Relay Sewer Service 6" & Under incl. fittings PVC DR26	LF	120		
U 27		*	Sanitary Tanker Service	HR	12		
U 28			Adjust Manhole Lid to Grade	EA	21		
U 29		*	Rehab Existing Sanitary Manhole	SF	2,500		
U 30		*	Hymax Adapter	EA	3		
U 31		*	Remove 24" CI Waterline and Valves	LS	1		
U 32		*	24"x 8" Tapping Sleeve and Valve	EA	2		
U 33		*	24" x 6" Tapping Sleeve and Valve	EA	1		
U 34		*	Replace Water Service, (long, single)	EA	22		
U 35		*	Replace Water Service, (short, single)	EA	6		
U 36			Replace Exist. Water Service, (long, double)	EA	3		
U 37		*	Replace Water Service w/3" DIP, six meter boxes & gate valve	EA	2		
U 38		*	BackFlow Preventer (1" Dia.)	EA	3		
U 39		*	Relocate Master Meter Assembly 6 "	LS	1		

Bidder: _____

Authorized Signature: _____

00300-22

Bid "B"

Based on 720 Calendar Day Completion

Addendum #2 - May 22, 2013

SECTION 00300 BID FORM

(Submit in triplicate)

44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East (Project Nos: 334-6001060 and 319-6045661) (ADDENDUM #2 - May 22, 2013)

Bid "B" Based on a completion time of 720 Calendar Days

(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
U 40			Replace 2" Master Meter Assembly & service	LS	1		
U 41			2" Air Release Assembly for 16" and Larger Mains (UW 10)	EA	1		
U 42			Miscellaneous Concrete	CY	30		
U 43			Mobilization @ 10%	LS	1		
U 44			UTILITIES Misc Work & Clean Up @5%	LS	1		
U 45			UTILITIES Discretionary	LS	1		\$90,000.00
						UTILITIES SUBTOTAL:	
TRAFFIC ELEMENTS - SIGNAL, LIGHTING, S&PM - 15th St. (NORTH-SOUTH)							
TRAFFIC PAY ITEMS (COMBINED)							
CO. NO.	FDOT ITEM	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
T 1	555-1-2	*	DIRECTIONAL BORE, 6' TO < 12'	LF	400		
T 2	630-1-11	*	SERVICE CONDUIT RISER F&I	LF	75		
T 3	630-1-12	*	CONDUIT, SIGNALS, F&I, UNDERGROUND	LF	200		
T 4	632-6-1	*	CABLE, SIGNAL, F&I, OUTSIDE OF INTERSECTION	LF	400		
T 5	632-7-1	*	CABLE, SIGNAL, F&I COUNT	PI	1		
T 6	633-3-11	*	SIGNALS-FIBER OPTIC CONNECTION HARDWARE, F&I SPLICE ENCLOSURE	EA	1		
T 7	635-1-11	*	PULL & JUNCTION BOXES, F&I, PULL BOX	EA	9		
T 8	639-1-22	*	SIGNALS, ELECTRICAL POWER SERVICE, UNDERGROUND	AS	1		
T 9	639-2-1	*	SIGNALS, ELECTRICAL SERVICE WIRE	LF	100		
T 10	639-3-11	*	SIGNAL, ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	1		
T 11	641-2-12	*	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE 12'	EA	1		
T 12	646-1-11	*	ALUMINUM SIGNAL POLES PEDESTAL, F&I	EA	8		
T 13	649-31-999	*	MAST ARM, F&I, CUSTOM	EA	4		
T 14	650-1-313	*	TRAFFIC SIGNAL, F&I, 3 SECTION, 1 WAY, STANDARD (LED)	AS	4		
T 15	650-1-513	*	TRAFFIC SIGNAL, F&I, 5 SECTIONS, 1 WAY, STANDARD (LED)	AS	4		
T 16	653-191	*	PEDESTRIAN SIGNAL, F&I, LED-COUNTDOWN, 1 DIRECTION 16"	AS	8		
T 17	663-74-15	*	VIDEO DETECTOR ASSEMBLY, F&I	EA	4		
T 18	665-13	*	PEDESTRIAN DETECTOR, F&I, (DETECTOR STATION AND SIGN)	EA	8		
T 19	670-5-111	*	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 1 PREEMPTION	AS	1		
T 20	699-1-1	*	INTERNAL ILLUM SIGN, F&I, STREET NAME (LED) INTERNAL	EA	4		

00300-23

Bid "B"

Bidder: _____

Based on 720 Calendar Day Completion

Authorized Signature: _____

Addendum #2 - May 22, 2013

SECTION 00300 BID FORM

(Submit in triplicate)

44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East (Project Nos: 334-6001060 and 319-6045661) (ADDENDUM #2 - May 22, 2013)

Bid "B" Based on a completion time of 720 Calendar Days

(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
T 21	700-20-11	*	SINGLE POST SIGN, F&I, LESS THAN 12 SF	AS	9		
T 22	700-46-1	*	SIGN EXISTING, REMOVE	AS	4		
T 23	700-89-2	*	SIGN, ELECTRIC POWERED LED R3-2, 30" x 30"	EA	1		
T 24	706-3	*	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	325		
T 25	711-11-160		THERMOPLASTIC, STANDARD, WHITE, MESSAGE	EA	5		
T 26	711-11-170		THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	13		
T 27	711-11-111		THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	NM	0		
T 28	711-11-123		THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	350		
T 29	711-11-224		THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18"	LF	500		
T 30	711-11-125		THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	200		
T 31	711-11-211		THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	NM	0		
T 32	715-1-12	*	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 8-6	LF	400		
T 33	715-5-12	*	150 WATT HIGH PRESSURE SODIUM LUMINAIRE, F&I	EA	4		
T 34	783-1-122	*	ITS FIBER OPTIC CABLE, F&I, UNDERGROUND, 13-48 FIBERS	LF	125		
T 35	783-5-1	*	ITS PULL BOX FOR FIBER OPTIC CABLE, F&I	EA	1		
T 36	783-6-1	*	ITS SPLICE BOX FOR FIBER OPTIC CABLE, F&I	EA	1		
				SUB TOTAL: TRAFFIC PAY ITEMS (COMBINED)15th St North-South			
Traffic Elements - Signals, Lighting, S&PM - US41 to 15th St.							
SIGNALIZATION PAY ITEMS							
CO. NO.	FDOT ITEM	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
T 37	555-1-1	*	DIRECTIONAL BORE (<6") (2" HDPE)	LF	600		
T 38	555-1-2	*	DIRECTIONAL BORE (6" TO <12") (2" HDPE)	LF	645		
T 39	630-1-11	*	CONDUIT (F&I) (ABOVEGROUND) (2")	LF	80		
T 40	630-1-12	*	CONDUIT (F&I) (UNDERGROUND) (1.25")	LF	10		
T 41	630-1-12	*	CONDUIT (F&I) (UNDERGROUND) (2")	LF	597		
T 42	630-1-13	*	CONDUIT (F&I) (UNDERPAVEMENT)	LF	134		
T 43	632-7-1	*	CABLE (SIGNAL) (F&I)	PI	2		
T 44	635-1-11	*	PULL AND JUNCTION BOXES (F&I) (PULL BOX)	EA	20		
T 45	639-1-122	*	ELECTRICAL POWER SERVICE (F&I)(UNDERGROUND)	AS	2		

00300-24

Bid "B"

Bidder: _____

Based on 720 Calendar Day Completion

Authorized Signature: _____

Addendum #2 - May 22, 2013

SECTION 00300 BID FORM

(Submit in triplicate)

**44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East
(Project Nos: 334-6001060 and 319-6045661) (ADDENDUM #2 - May 22, 2013)**

Bid "B" Based on a completion time of 720 Calendar Days

(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
T 46	639-2-1	*	ELECTRICAL SERVICE WIRE (F&I)	LF	800		
T 47	639-3-11	*	ELECTRICAL SERVICE DISCONNECT (F&I)(POLE MOUNT)	EA	1		
T 48	641-2-12	*	PRESTRESSED CONCRETE POLE (F&I) (TYPE P-II POLE)	EA	3		
T 49	646-1-11	*	ALUMINUM SIGNALS POLE (F&I)(ALUMINUM PEDESTAL)	EA	12		
T 50	649-31-201	*	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (36)	EA	1		
T 51	649-31-202	*	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (46)	EA	2		
T 52	649-31-203	*	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (60)	EA	1		
T 53	649-31-299	*	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (CUSTOM)	EA	2		
T 54	650-1-311	*	TRAFFIC SIGNAL (F&I) (3 SECT.) (1-WAY) (LED)	AS	10		
T 55	650-1-511	*	TRAFFIC SIGNAL (F&I) (5 SECT.) (1-WAY) (LED)	AS	7		
T 56	653-191	*	PEDESTRIAN SIGNALS (F&I) (LED) (1 WAY)(COUNTDOWN)	AS	8		
T 57	653-192	*	PEDESTRIAN SIGNALS (F&I) (LED) (2 WAY)(COUNTDOWN)	AS	4		
T 58	663-74-15	*	VEHICLE DETECTOR ASSEMBLIES (F&I) (VIDEO)	EA	8		
T 59	665-13	*	PED. DETECTOR (F&I) (DETECTOR WITH SIGN ONLY)	EA	16		
T 60	670-5-110	*	TRAFFIC CONTROLLER ASSEMBLY (F&I) (NEMA) (NO PREEMPT)	AS	2		
T 61	685-106	*	UNINTERRUPTIBLE POWER SOURCE (UPS)	EA	2		
T 62	690-10		REMOVE SIGNAL HEAD ASSEMBLY	EA	8		
T 63	690-20		REMOVE SIGNAL PEDESTRIAN ASSEMBLY	EA	4		
T 64	690-31		REMOVE SIGNAL PEDESTAL	EA	3		
T 65	690-34-1		REMOVE POLE (DEEP) (DIRECT BURIAL)	EA	3		
T 66	690-50		REMOVE CONTROLLER ASSEMBLY	EA	1		
T 67	690-60		REMOVE VEHICLE DETECTOR ASSEMBLY	EA	8		
T 68	690-70		REMOVE DETECTOR PEDESTRIAN ASSEMBLY	EA	8		
T 69	690-80		REMOVE SPAN WIRE ASSEMBLY	EA	2		
T 70	690-90		REMOVE CONDUIT & CABLING	PI	1		
T 71	690-100		REMOVE MISCELLANEOUS SIGNAL EQUIPMENT	PI	1		
T 72	699-1-1	*	INTERNALLY ILLUMINATED SIGN (F&I) (EDGE LIT LED)	EA	8		

Bidder: _____

Authorized Signature: _____

00300-25

Bid "B"

Based on 720 Calendar Day Completion

Addendum #2 - May 22, 2013

SECTION 00300 BID FORM

(Submit in triplicate)

44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East (Project Nos: 334-6001060 and 319-6045661) (ADDENDUM #2 - May 22, 2013)

Bid "B" Based on a completion time of 720 Calendar Days

(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
T 73	700-48-18	*	SIGN PANEL (F&I)	EA	2		
T 74	700-48-60	*	SIGN PANEL (REMOVE)	AS	5		
T 75	783-1-121	*	ITS FIBER OPTIC CABLE (F&I)	LF	1125		
T 76	783-2-31	*	ITS FIBER OPTIC (INSTALL) (SPLICE)	EA	12		
T 77	783-3-11	*	ITS FO CONNECTION HARDWARE (F&I) (SPLICE ENCL)	EA	2		
T 78	783-3-12	*	ITS FO CONNECTION HARDWARE (F&I) (SPLICE TRAY)	EA	2		
T 79	783-3-15	*	ITS FO CONNECTION HARDWARE (F&I) (PATCH PANEL)	EA	2		
T 80	783-4-112	*	ITS CONDUIT (F&I)(UNDERGROUND)	LF	85		
T81	784-1-1	*	ITS FIELD ETHERNET SWITCH	EA	2		
						SUBTOTAL: SIGNALIZATION PAY ITEMS (US41 to 15thSt)	
LIGHTING PAY ITEMS							
T82	555-1-2	*	DIRECTIONAL BORE (6" TO LESS THAN 12")	LF	700		
T83	715-1-13	*	CONDUCTOR (F&I)(INSULATED)(NO. 4)	LF	14,805		
T84	715-2-11	*	CONDUIT (F&I) 2 INCH, (UNDERGROUND) (LIGHTING & COMM.)	LF	4,580		
T85	715-2-11	*	CONDUIT (F&I) 3 INCH, (UNDERGROUND) (LIGHTING & COMM.)	LF	4,580		
T86	715-7-11	*	LOAD CENTER (F&I)(SECONDARY VOLTAGE)	EA	1		
T87	715-14-11	*	PULL BOX (F&I)(ROADSIDE)(MOULDED)	EA	33		
T88	715-500-1	*	POLE CABLE DISTRIBUTION SYSTEM (CONVENTIONAL)	EA	26		
T89	715-511-135	*	LIGHT POLE COMPLETE (SPECIAL)(35 FT MH)	EA	26		
T90	783-5-1	*	FIBER OPTIC PULL BOX	EA	14		
T91	783-6-1	*	FIBER OPTIC SPLICE BOX	EA	4		
						SUBTOTAL: LIGHTING PAY ITEMS (US41 to 15thSt)	

Bidder: _____

Authorized Signature: _____

00300-26

Bid "B"

Based on 720 Calendar Day Completion

Addendum #2 - May 22, 2013

SECTION 00300 BID FORM

(Submit in triplicate)

44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East (Project Nos: 334-6001060 and 319-6045661) (ADDENDUM #2 - May 22, 2013)

Bid "B" Based on a completion time of 720 Calendar Days

(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
SIGNING AND MARKING PAY ITEMS							
T92	700-20-11	*	SINGLE POST SIGN, (F&I)(LESS THAN 12)	AS	45		
T93	700-20-12	*	SINGLE POST SIGN, (F&I)(12-20)	AS	13		
T94	700-20-40	*	SINGLE POST SIGN, RELOCATE	AS	3		
T95	700-21-11	*	MULTI-POST SIGN, F&I, LESS THAN 50 SF	AS	3		
T96	705-10-1	*	OBJECT MARKER, TYPE 1	EA	9		
T97	706-3	*	RETRO-REFLECTIVE PAVEMENT MARKERS (1 APPLICATIONS)	EA	580		
T98	710-11-190		PAINTED PAVEMENT MARKINGS, STD, WHITE, ISLAND NOSE	SF	30		
T99	711-11-111		THERMOPLASTIC, STD, WHITE, SOLID, 6"	NM	2.13		
T100	711-11-122		THERMOPLASTIC, STD, WHITE, SOLID, 8"	LF	520		
T101	711-11-123		THERMOPLASTIC, STD, WHITE, SOLID, 12"	LF	2140		
T102	711-11-124		THERMOPLASTIC, STD, WHITE, SOLID, 18"	LF	280		
T103	711-11-125		THERMOPLASTIC, STD, WHITE, SOLID, 24"	LF	530		
T104	711-11-151		THERMOPLASTIC, STD, WHITE, DOTTED/GUIDELINE, 6"	LF	120		
T105	711-11-160		THERMOPLASTIC, STD, WHITE, MESSAGE	EA	2		
T106	711-11-170		THERMOPLASTIC, STD, WHITE, ARROW	EA	64		
T107	711-11-180		THERMOPLASTIC, STD, WHITE, YIELD LINE	LF	30		
T108	711-11-211		THERMOPLASTIC, STD, YELLOW, SOLID, 6"	NM	1.811		
T109	711-11-224		THERMOPLASTIC, STD, YELLOW, SOLID, 18"	LF	220		
T110	711-11-231		THERMOPLASTIC, STD, YELLOW, SKIP, 6"	GM	1.317		
T111	711-11-251		THERMOPLASTIC, STD, YELLOW, DOTTED/GUIDELINE, 6"	LF	665		
T112	711-17		THERMOPLASTIC, REMOVE	SF	24		
						US 41 to 15th - S & PM Subtotal:	
Traffic Elements - Signals, Lighting, S&PM - 15th St. to 19th St.							
SIGNALIZATION PAY ITEMS							
CO. NO.	FDOT ITEM	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
T113	555-1-2	*	DIRECTIONAL BORE (6" TO <12") (2" HDPE)	LF	315		
T114	630-1-11	*	CONDUIT (F&I) (ABOVEGROUND) (2")	LF	20		
T115	630-1-12	*	CONDUIT (F&I) (UNDERGROUND) (1.25")	LF	20		
T116	630-1-12	*	CONDUIT (F&I) (UNDERGROUND) (2")	LF	390		

00300-27

Bid "B"

Bidder: _____

Based on 720 Calendar Day Completion

Authorized Signature: _____

Addendum #2 - May 22, 2013

SECTION 00300 BID FORM

(Submit in triplicate)

44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East (Project Nos: 334-6001060 and 319-6045661) (ADDENDUM #2 - May 22, 2013)

Bid "B" Based on a completion time of 720 Calendar Days

(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
T117	632-7-1	*	CABLE (SIGNAL) (F&I)	PI	1		
T118	635-1-11	*	PULL AND JUNCTION BOXES (F&I) (PULL BOX)	EA	11		
T119	639-1-122	*	ELECTRICAL POWER SERVICE (UNDERGROUND)	AS	1		
T120	639-2-1	*	ELECTRICAL SERVICE WIRE (F&I)	LF	375		
T121	641-2-12	*	PRESTRESSED CONCRETE POLE (F&I) (TYPE P-II POLE)	EA	1		
T122	646-1-11	*	ALUMINUM SIGNALS POLE (F&I)	EA	7		
T123	649-31-202	*	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (46)	EA	1		
T124	649-31-203	*	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (60)	EA	1		
T125	649-31-218	*	STEEL MAST ARM ASSEMBLY (F&I) (130 MPH) (60-70.5)	EA	1		
T126	650-1-311	*	TRAFFIC SIGNAL (F&I) (3 SECT.) (1-WAY) (LED)	AS	8		
T127	650-1-511	*	TRAFFIC SIGNAL (F&I) (5 SECT.) (1-WAY) (LED)	AS	1		
T128	653-191	*	PEDESTRIAN SIGNALS (F&I) (LED) (1 WAY)(COUNTDOWN)	AS	6		
T129	653-192	*	PEDESTRIAN SIGNALS (F&I) (LED) (2 WAY)(COUNTDOWN)	AS	1		
T130	663-74-15	*	VEHICLE DETECTOR ASSEMBLIES (F&I) (VIDEO)	EA	4		
T131	665-13	*	PED. DETECTOR (F&I) (DETECTOR WITH SIGN ONLY)	EA	8		
T132	670-5-110	*	TRAFFIC CONTROLLER ASSEMBLY (F&I) (NEMA) (NO PREEMPT)	AS	1		
T133	685-106	*	UNINTERRUPTIBLE POWER SOURCE (UPS)	EA	1		
T134	699-1-1	*	INTERNALLY ILLUMINATED SIGN (F&I) (EDGE LIT LED)	EA	4		
T135	700-48-18	*	SIGN PANEL (F&I)	EA	1		
T136	783-1-121	*	ITS FIBER OPTIC CABLE (F&I)	LF	110		
T137	783-2-31	*	ITS FIBER OPTIC (INSTALL) (SPLICE)	EA	4		
T138	783-3-15	*	ITS FO CONNECTION HARDWARE (F&I) (PATCH PANEL)	EA	1		
T139	783-4-112	*	ITS CONDUIT (F&I)(UNDERGROUND)	LF	40		
T140	784-1-1	*	ITS FIELD ETHERNET SWITCH	EA	1		
					15th to 19th - Signals Subtotal:		
LIGHTING PAY ITEMS							
T141	555-1-1	*	DIRECTIONAL BORE (LESS THAN 6")	LF	375		
T142	555-1-2	*	DIRECTIONAL BORE (6" TO LESS THAN 12")	LF	350		
T143	715-1-12	*	CONDUCTOR (F&I)(INSULATED)(NO. 6)	LF	9,560		

Bidder: _____

Authorized Signature: _____

00300-28

Bid "B"

Based on 720 Calendar Day Completion

Addendum #2 - May 22, 2013

SECTION 00300 BID FORM

(Submit in triplicate)

44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East (Project Nos: 334-6001060 and 319-6045661) (ADDENDUM #2 - May 22, 2013)

Bid "B" Based on a completion time of 720 Calendar Days

(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
T144	715-1-13	*	CONDUCTOR (F&I)(INSULATED)(NO. 4)	LF	1,335		
T145	715-2-11	*	CONDUIT (F&I 2 INCH UNDERGROUND)(LIGHTING & COMMUNICATION CONDUIT)	LF	2,975		
T146	715-2-11	*	CONDUIT (F & I 3 INCH UNDERGROUND) (LIGHTING & COMMUNICATION CONDUIT)	LF	480		
T147	715-4-123	*	LIGHT POLE COMPLETE (130 MPH)(50 FT MH)	EA	11		
T148	715-7-11	*	LOAD CENTER (F&I)(SECONDARY VOLTAGE)	EA	1		
T 149	715-14-11	*	PULL BOX (F&I)(ROADSIDE)(MOULDED)	EA	23		
T150	715-500-1	*	POLE CABLE DISTRIBUTION SYSTEM (CONVENTIONAL)	EA	11		
T51	783-5-1	*	FIBER OPTIC PULL BOX	EA	3		
T152	783-6-1	*	FIBER OPTIC SPLICE BOX	EA	1		
						15th to 19th - Lighting Subtotal:	
SIGNING AND MARKING PAY ITEMS							
T153	700-20-11	*	SINGLE POST SIGN, (F&I)(LESS THAN 12)	AS	16		
T154	700-21-11	*	MULTI-POST SIGN, (F&I), LESS THAN 50 SF	AS	4		
T155	705-10-1	*	OBJECT MARKER, TYPE 1	EA	2		
T156	706-3	*	RETRO-REFLECTIVE PAVEMENT MARKERS (1 APPLICATIONS)	EA	218		
T157	710-11-290		PAINTED PAVEMENT MARKINGS, STD, YELLOW, ISLAND NOSE	SF	20		
T158	711-11-111		THERMOPLASTIC, STD, WHITE, SOLID, 6"	NM	0.822		
T159	711-11-123		THERMOPLASTIC, STD, WHITE, SOLID, 12"	LF	762		
T160	711-11-125		THERMOPLASTIC, STD, WHITE, SOLID, 24"	LF	340		
T161	711-11-131		THERMOPLASTIC, STD, WHITE, SKIP, 6", 10-30 SKIP	GM	0.555		
T162	711-11-133		THERMOPLASTIC, STD, WHITE, SKIP, 12", 3-9 LANE DROP	GM	0.077		
T163	711-11-151		THERMOPLASTIC, STD, WHITE, DOTTED/GUIDELINE, 6"	LF	550		
T164	711-11-160		THERMOPLASTIC, STD, WHITE, MESSAGE	EA	26		
T165	711-11-170		THERMOPLASTIC, STD, WHITE, ARROW	EA	34		
T166	711-11-211		THERMOPLASTIC, STD, YELLOW, SOLID, 6"	NM	0.885		
T167	711-11-224		THERMOPLASTIC, STD, YELLOW, SOLID, 18"	LF	95		
						15th to 19th- S & PM Subtotal:	

Bidder: _____

Authorized Signature: _____

00300-29

Bid "B"

Based on 720 Calendar Day Completion

Addendum #2 - May 22, 2013

SECTION 00300 BID FORM

(Submit in triplicate)

**44th Avenue East - From U.S. 41 (1st Street) to 19th Street Court East
(Project Nos: 334-6001060 and 319-6045661) (ADDENDUM #2 - May 22, 2013)**

Bid "B" Based on a completion time of 720 Calendar Days

(IFB #13-1089-OV)

CO. BID NO.	FDOT ITEM NO.	*	DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
MISC.							
MANATEE COUNTY MISCELLANEOUS PAY ITEMS							
CO. NO.	FDOT ITEM		DESCRIPTION	UNIT	EST. QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
M 1	101-1		ROADWAY & TRAFFIC Mobilization	LS	1		
M 2	102-1		Maintenance of Traffic (ALL)	LS	1		
M3	102-104		TEMPORARY SIGNALIZATION & MAINTENANCE OF INTERSECTION	ED	400		
M4	102-107-1		TEMPORARY TRAFFIC DETECTION & MAINTENANCE OF INTERSECTION	ED	400		
M5			ROADWAY & TRAFFIC Discretionary Work	LS	1		\$700,000.00
						<i>MANATEE COUNTY MISC PAY ITEMS SUBTOTAL:</i>	
TOTAL BID PRICE:							
BID 'B' BASED ON A 720 CALENDAR DAY COMPLETION TIME (ADDENDUM #2)							

*Indicates items that require Shop Drawing Submittal. The Contractor shall be responsible for the preparation and submittal of all Shop Drawings in accordance with FDOT Standard Specifications for Road and Bridge Construction 5-1-4.2 Work Items Requiring Shop Drawings.

Bidder: _____

Authorized Signature: _____

00300-30

Bid "B"

Based on 720 Calendar Day Completion

Addendum #2 - May 22, 2013

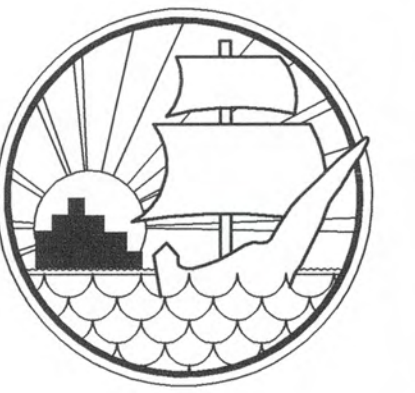
DEFINITION OF THE UNITS OF MEASURE, IFB #13-1089-OV,44th
Avenue East - From U.S. 41 (1st Street) to 19th Street Court East

DEFINITION OF THE UNITS OF MEASURE

Acre
Assembly
Cubic Yard
Each
Each Day
Foot
Gross Mile
Hour
Linear Foot
Lump Sum
Net Mile
Per Intersection
Pound
Square Feet
Square Yard
Ton

UNIT OF MEASURE

AC
AS
CY
EA
ED
FT
GM
HR
LF
LS
NM
PI
LB
SF
SY
TN



MANATEE COUNTY
PUBLIC WORKS
DEPARTMENT

44TH AVENUE EAST IMPROVEMENTS
FROM US 41 TO 19TH STREET COURT EAST
QUANTITY SHEET

LINE NO.	ITEM NO.	DESCRIPTION	EST. QTY	U/M
1	101-1	Mobilization	1.00	LS
2	102-1	Maintenance of Traffic	1.00	LS
3	104-10-3	Staked Silt Fence (Type III)	21,111.00	LF
4	104-11	Floating Turbidity Barrier	126.00	LF
5	104-15	Soil Tracking Prevention Device	2.00	EA
5A	104-MC	Dewatering and Water Pollution Control for Pond "A"	1.00	LS
6	104-18	Inlet Protection System	123.00	EA
7	110-1-1	Cleaning & Grubbing	38.48	AC
8	110-4	Removal of Exist. Conc. Pmt.	335.00	SY
9	110-7-1	Mailbox (Furnish & Install)	14.00	EA
10	120-1	Regular Excavation	130,103.00	CY
11	120-4	Excavation, Subsoil (Roadway)	5,027.00	CY
12	120-6	Embankment (Regular)	14,702.00	CY
13	145-1	Geosynthetic Reinforced Soil Slope	3,184.00	SF
14	160-4	6" Stabilized Sub-base	2,129.00	SY
15	160-4	12" Stabilized Sub-base	50,038.00	SY
16	285-701	Optional Base Group 1.(Paved Shoulder)	243.00	SY
17	285-704	Optional Base Group 4. 8th St Ct E	2,023.00	SY
18	285-709	Optional Base Group 9.	47,448.00	SY
18A	285-MC	6" Crushed Concrete Base for Rail Road Crossing	302.00	SY
19	286-1	Turnout Construction (15th St E Driveways)	76.00	SY
20	327-70-4	Milling Exist. Asph. Pavement (3" Avg. Depth), 15th St E	2,744.00	SY
21	327-70-6	Milling Exist. Asph. Pavement (1" Avg. Depth), 9th St E	1,762.00	SY
22	334-1-13	2" SP12.5 Structural Course, Traffic C (15th St E resurfacing)	420.00	TN
22A	334-1-13	3" SP12.5 Structural Course, Traffic C (15th St E widening)	245.00	TN
22B	334-MC	8" Asphalt Underlayment for Rail Road Crossing	110.00	TN
23	334-1-MC1	2" Type S-1 Asphalt Concrete (Incl Tack Coat)	4,631.00	TN
24	334-1-MC1	1" Type S-1 Asphalt Concrete (Incl Tack Coat)	96.00	TN
25	334-1-MC2	1" Type S-III Asphalt Concrete	2,497.00	TN
26	337-7-42	1-1/2" asphaltic Friction Course (FC-9.5) (Paved Shoulder)	20.00	TN
27	337-7-42	1" Asphaltic Friction Course (FC 9.5) (Traffic C)	296.00	TN
28	400-1-2	Class I Concrete (Endwalls and Pipe Support), Including Reinforcing Steel	6.26	CY
29	400-1-2	Class I Concrete (Misc. Swale Crossing, Concrete Spillway), Including Reinforcing Steel	103.00	CY
30	400-3-1	Class III Concrete (Concrete Encasement), Including Reinforcing Steel and Bearing Pad	152.12	CY
31	410-70-MC	Triple Barrel Box Culvert, 3(8' x 4')	192.00	LF
32	425-1-351	Inlets (Curb) (Type P-5) (<10')	7.00	EA
33	425-1-352	Inlets (Curb) (Type P-5) (>10')	3.00	EA
34	425-1-361	Inlets (Curb) (Type P-6) (<10')	5.00	EA
35	425-1-451	Inlets (Curb) (Type J-5) (<10')	1.00	EA
36	425-1-MC1	Curb Inlet/ Conflict Box	33.00	EA
37	425-1-MC2	Grate Inlets	28.00	EA
38	425-1-MC3	Drop Inlet	12.00	EA
39	425-1-MC4	Outfall Control Structure, Including Reinforcing Steel and Skimmer	3.00	EA
40	425-1-MC5	Junction Box/Conflict Box	12.00	EA
41	425-1-MC6	Adjust/Reconstruct Existing Inlet	3.00	EA
42	425-1-529	Inlet (Dt Bot) (Type C Modified) (<10')	5.00	EA
43	425-1-583	Inlet (Dt Bot) (Type H Modified) (<10')	1.00	EA
44	425-1-701	Gutter Inlet (modified Type S) (<10')	1.00	EA
45	425-1-711	Gutter Inlet (Type V) (<10')	2.00	EA
46	425-2-41	Manholes (P-7) (<10')	1.00	EA
47	425-2-61	Manholes (P-8)(<10')	6.00	EA
48	425-2-62	Manholes (P-8)(>10')	1.00	EA
49	425-2-71	Manholes (J-7) (<10')	3.00	EA
50	425-2-91	Manholes (J-8)(<10')	5.00	EA
51	430-175-115	Pipe Storm Sewer Culv (RCP)(15")	2,421.00	LF
52	430-175-115	Pipe Storm Sewer Culv (A2000,PVC)(15")	228.00	LF
53	430-175-118	Pipe Storm Sewer Culv (RCP)(18")	2,263.00	LF
54	430-175-118	Pipe Storm Sewer Culv (A2000)(18")	972.00	LF
55	430-175-121	Pipe Storm Sewer Culv (A2000)(21")	632.00	LF
56	430-175-124	Pipe Storm Sewer Culv (RCP)(24")	4,307.00	LF
57	430-175-124	Pipe Storm Sewer Culv (A2000)(24")	398.00	LF
58	430-175-130	Pipe Storm Sewer Culv (RCP)(30")	741.00	LF
59	430-175-130	Pipe Storm Sewer Culv (A2000)(30")	944.00	LF
60	430-175-136	Pipe Storm Sewer Culv (RCP)(36")	63.00	LF
61	430-175-136	Pipe Storm Sewer Culv (A2000)(36")	833.00	LF
62	430-175-142	Pipe Storm Sewer Culv (RCP)(42")	1,040.00	LF
63	430-175-148	Pipe Storm Sewer Culv (RCP)(48")	1,056.00	LF
64	430-175-215	Pipe Cross Drain Culv (ERCP) (12"x18")	2,014.00	LF
65	430-175-218	Pipe Storm Sewer Culv (ERCP) (14"x23")	398.00	LF
66	430-175-224	Pipe Cross Drain Culv (ERCP) (19"x30")	612.00	LF
67	430-175-230	Pipe Storm Sewer Culv (ERCP)(24"x38")	621.00	LF
68	430-175-242	Pipe Storm Sewer Culv (ERCP)(34"x53")	96.00	LF
69	430-175-250	Pipe Storm Sewer Culv (ERCP) (38"x50")	254.00	LF
70	430-982-125	18" MES (Cross Drain)	1.00	EA
71	430-982-633	24x38" MES (Cross Drain)	6.00	EA
72	430-984-125	MES (Round)(18" SD)	2.00	EA
73	430-984-138	MES (Round) (36" SD)	1.00	EA
74	430-984-625	MES (Conc Pipe Ellip) (12"x18") (SD)	2.00	EA
75	430-984-625	MES (Conc Pipe Ellip) (14"x23") (SD)	5.00	EA
76	440-1-10	6" Underdrain and Clean out	2,615.00	LF
77	455-133-2	Steel Sheet Piling (Temporary)	4,000.00	SF
78	515-1-2	Pipe Handrail (Aluminum)	99.00	LF
79	520-1-MC1	Type AB Curb & Gutter	1,736.00	LF
80	520-1-MC2	Miami Curb&Gutter	1,986.00	LF
81	520-1-10	Type F Curb & Gutter	13,463.00	LF
82	520-3-	Valley Crossing Gutter, Concrete	482.00	LF
83	520-70	Concrete Traffic Separator (Special)	110.00	SY
84	520-70	Concrete Traffic Separator (Type IV, 4' wide)	145.00	SY
85	522-1	4" Concrete Sidewalk	5,296.00	SY
86	522-2	6" Concrete Sidewalk Reinforced Driveway	2,131.00	SY
87	522-2	6" Concrete Pedestrian Landing Pad	98.00	SY
88	522-4	8" Concrete Bus Shelter Pad, Including Reinforcing Steel	51.00	SY
89	530-3-4	Rip-Rap (Rubble) (Ditch Lining)	90.60	TN
90A	550-10-221	Fencing, Type B, 6' Height w/Barb Wire Attmt, 3 Strand	1,110.00	LF
90	550-10-222	Fencing, Type B, 6' Height w/Vinyl Coating, Green	2,710.00	LF
91	550-10-228	Fence Removal and Reinstallation	2,116.00	LF
92	550-MC	Auto Gate Removal and Reinstallation	1.00	EA
93	550-60-233	Fence Gate, Type B, Sliding, 15' opening, w/Vinyl Coating, Green	1.00	EA
94	556-1-5	Jack and Bore (32" Steel Casing)	115.00	LF
95	556-1-7	Jack & Bore (46" Steel Casing)	120.00	LF
96	570-1-2	Sodding (Performance Turf, Bahia) (Includes Mowing)	73,222.00	SY
97	570-MC	Wetland creation, mitigation and enhancement at NE corner of 44th at 15th	1.00	LS

2 REVISION CITY; NEW FENCE PER 5/15/13

2 CONTRACT WITH PIERCE MFG 5/15/13

1 QUANTITIES REVISIED 5/08/13

1 AND ADDED

REVISION DATE

SURVEYED BY DATE

DESIGNED BY DATE

DRAWN MRJ 2/10

CHECKED

SCALE: N.T.S.

SEAL

APPROVED BY:

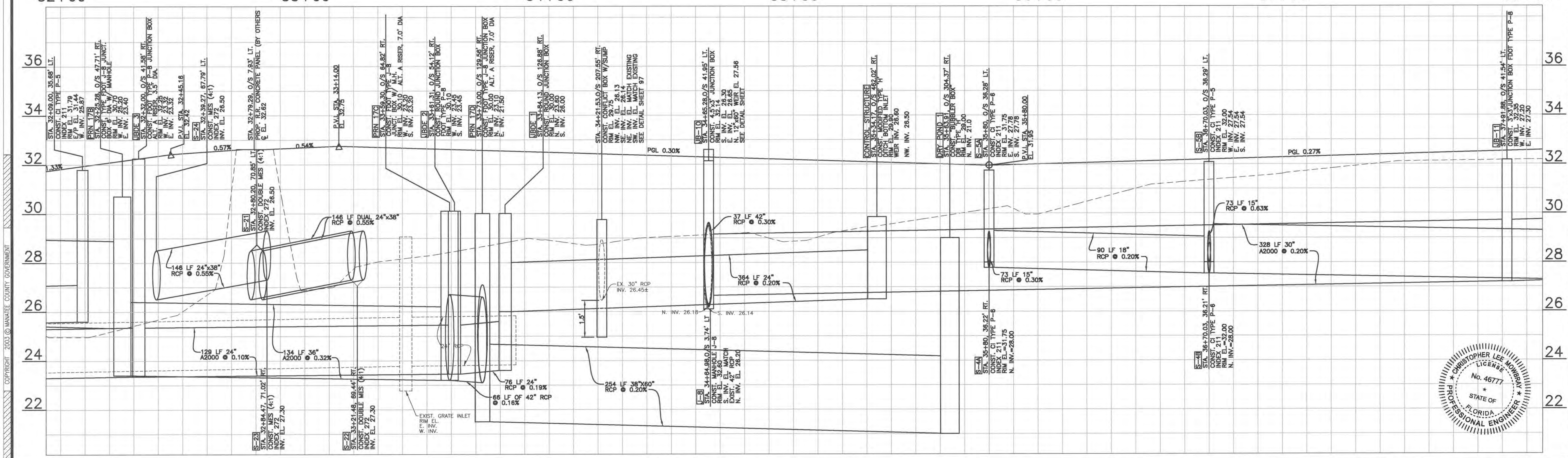
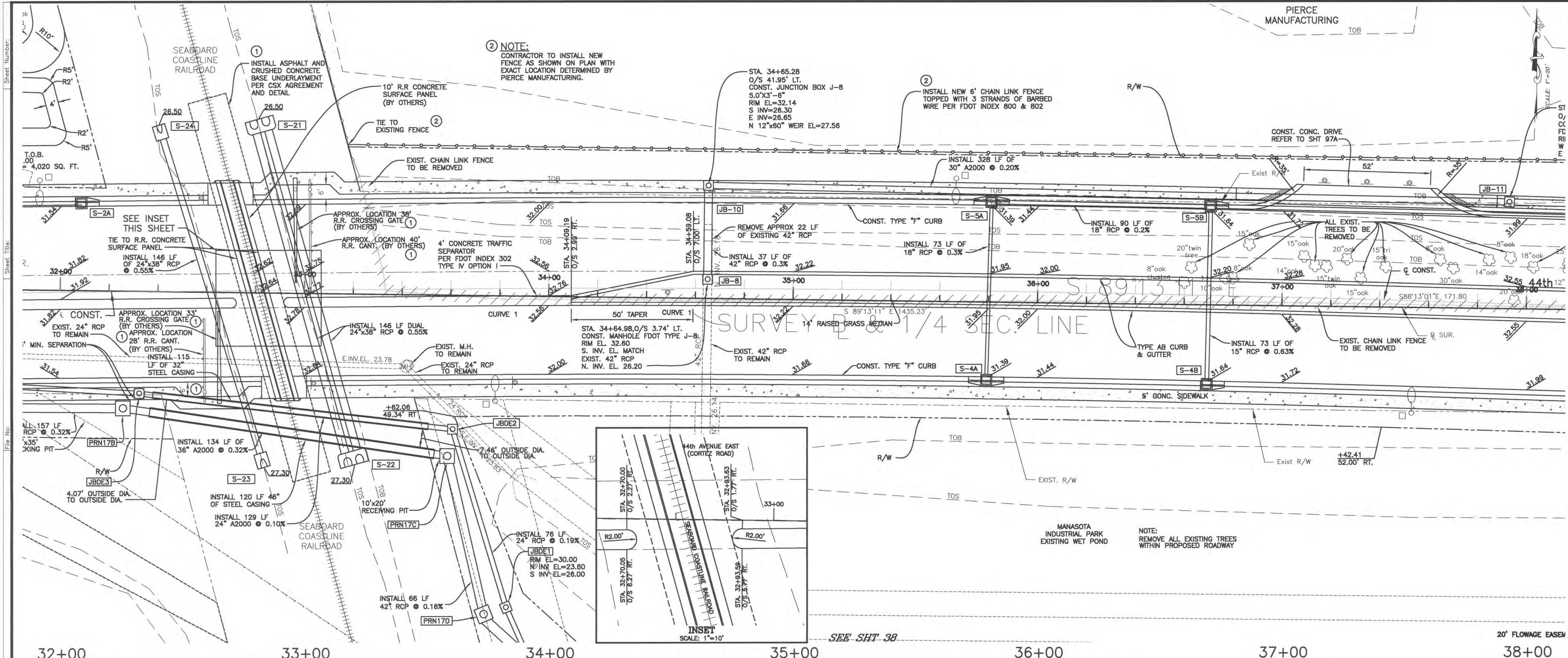
CHRISTOPHER LEE MOWBRAY
FLORIDA P.E. # 46777

MANATEE COUNTY GOVERNMENT
PUBLIC WORKS DEPARTMENT

1022 26TH AVENUE EAST
BRADENTON, FL 34208

DATE 5/15/13

SHEET 15 OF 115

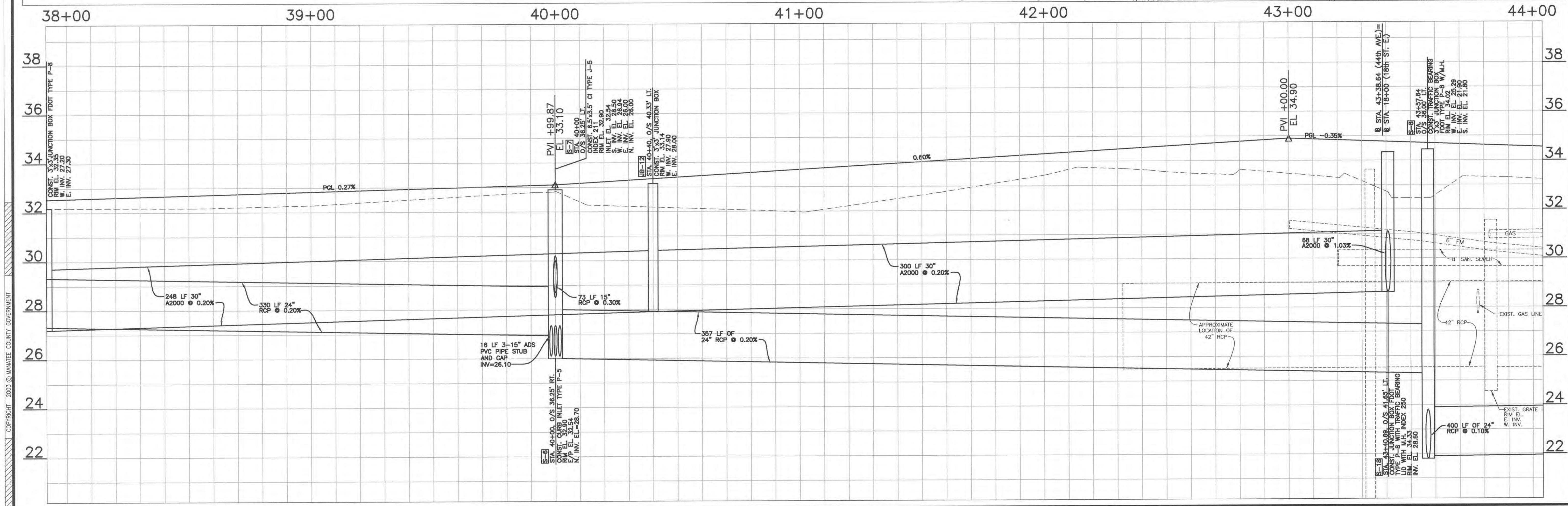
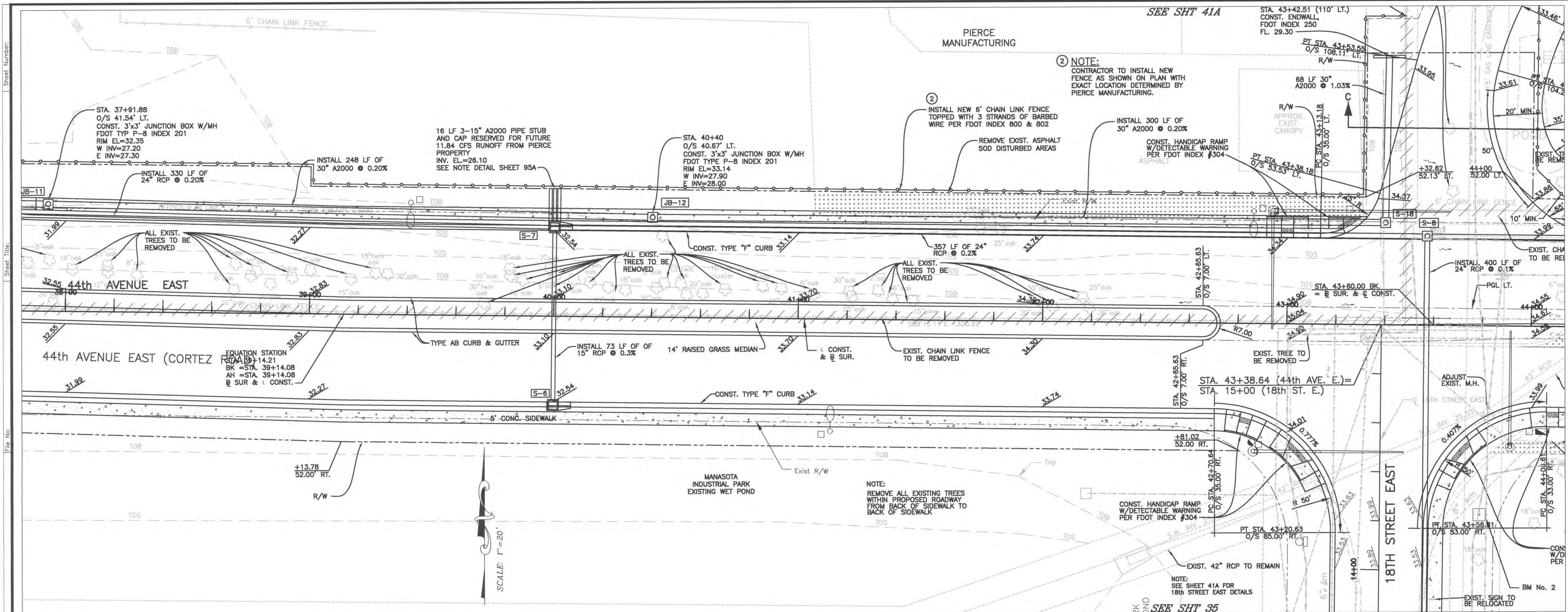


MANATEE COUNTY
PUBLIC WORKS
DEPARTMENT

44TH AVENUE EAST IMPROVEMENTS
FROM US 41 TO 19TH STREET COURT EAST
PLAN & PROFILE
STA. 32+00 TO STA. 38+00

REVISION	BY	DATE
① NEW FENCE PER CONTRACT WITH PIERCE MANUFACTURING		5/15/13
② SWK AND ELEVATIONS REV.		5/08/13
③ UNDERLAYMENT ADDED PER CSX		
SURVEYED	MSL	5/20/08
DESIGNED	CM/SF	7/08
DRAWN	DF/MRJ	7/08
CHECKED	CZ	
SCALE: 1"=20'		
SEAL		
APPROVED BY:		
CHRISTOPHER LEE MOWBRAY FLORIDA P.E. # 46777 MANATEE COUNTY GOVERNMENT PUBLIC WORKS DEPARTMENT 1822 26TH AVENUE EAST BRADENTON, FL. 34208		
DATE	5/15/13	
SHEET 26 OF 115		

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 File No: _____
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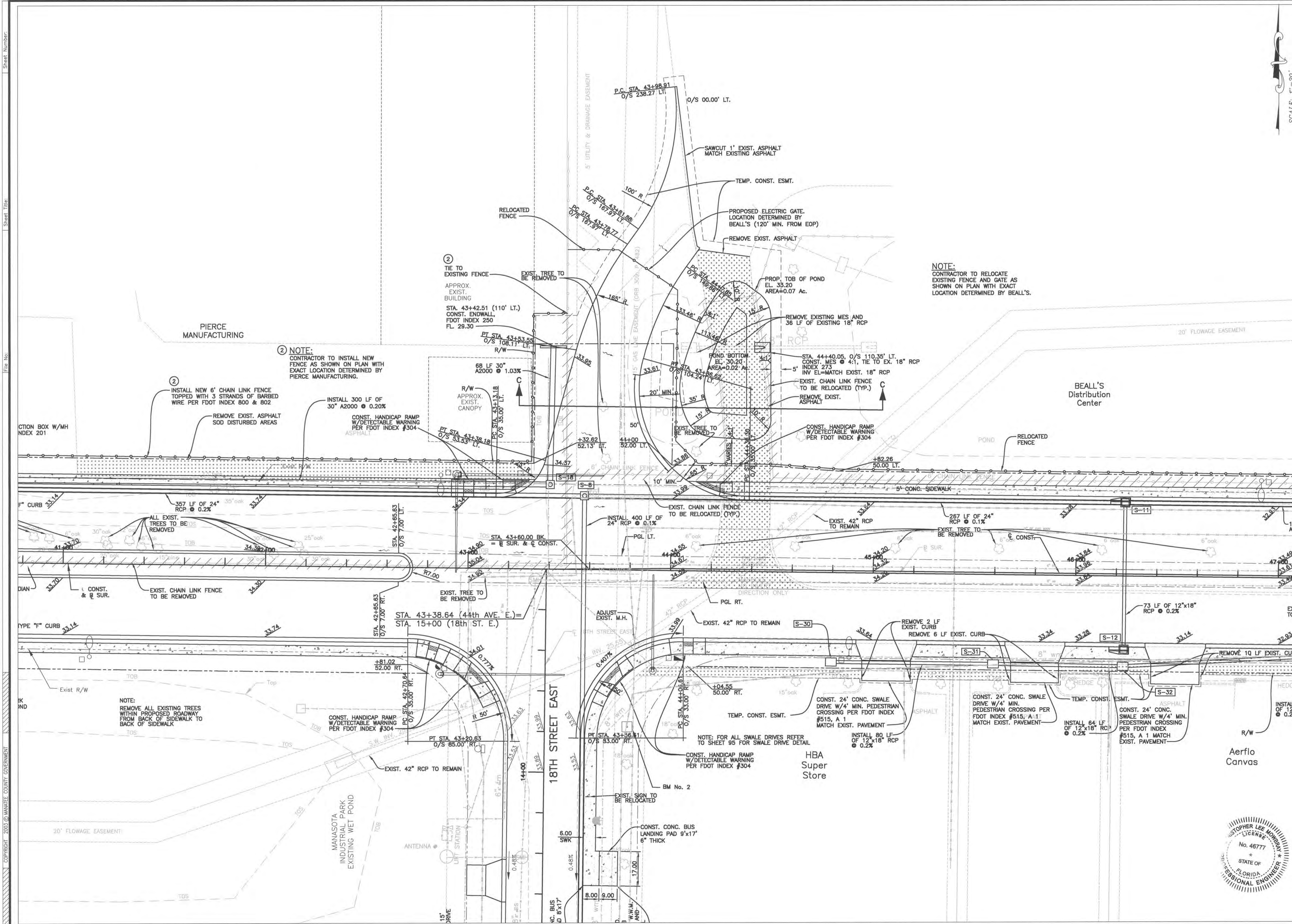


MANATEE COUNTY
PUBLIC WORKS
DEPARTMENT

**44TH AVENUE EAST IMPROVEMENTS
FROM US 41 TO 19TH STREET COURT EAST
PLAN & PROFILE
STA. 38+00 TO STA. 44+00**

NEW FENCE PER CONTRACT WITH PIERCE MANUFACTURING	5/15/13
REVISION	DATE
BY	DATE
SURVEYED	MS/SF 5/20/08
DESIGNED	CM/SF 7/08
DRAWN	DF/MRJ 7/08
CHECKED	CZ
SCALE:	1"=20'
CHRISTOPHER LEE MOWBRAY FLORIDA P.E. # 48717 MANATEE COUNTY GOVERNMENT PUBLIC WORKS DEPARTMENT 1022 26TH AVENUE EAST BRADENTON, FL 34208	
DATE	5/15/13
SHEET 27 OF 115	

Sheet Number: _____
 File No: _____
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MANATEE COUNTY
PUBLIC WORKS
DEPARTMENT

**44TH AVENUE EAST
@ 18TH STREET EAST
INTERSECTION**

NOTE:
CONTRACTOR TO RELOCATE
EXISTING FENCE AND GATE AS
SHOWN ON PLAN WITH EXACT
LOCATION DETERMINED BY BEALL'S.

NOTE:
CONTRACTOR TO INSTALL NEW
FENCE AS SHOWN ON PLAN WITH
EXACT LOCATION DETERMINED BY
PIERCE MANUFACTURING.

NEW FENCE PER CONTRACT WITH PIERCE MANUFACTURING	5/15/13
REVISION	DATE
SURVEYED	MSL 5/20/08
DESIGNED	CM/MFJ 7/08
DRAWN	DF/MR/SJ 7/08
CHECKED	CZ

SCALE: 1"=20'

SEAL

APPROVED BY:
Christopher Lee Mowbray
CHRISTOPHER LEE MOWBRAY
FLORIDA P.E. # 46777
MANATEE COUNTY GOVERNMENT
PUBLIC WORKS DEPARTMENT
1822 26TH AVENUE EAST
BRADENTON, FL 34208



DATE 5/15/13