



## ADDENDUM NO. 2

Issue Date: January 10, 2020

Project Name: 43<sup>rd</sup> Ave. Sidewalk for Airport Dr. West of 41<sup>st</sup> St.

Bid Number: 2020016

Bid Opening Date: January 22, 2020

This addendum is being released to provide the pre-bid minutes, answer questions to date, and to modify the bid documents.

The information and documents contained in this addendum are hereby incorporated in the invitation to bid. **This addendum must be acknowledged where indicated on the bid form, or the bid will be declared non-responsive.**

### **Modifications to Bid Documents:**

1. The itemized bid schedule (pages 3 and 4) and Plan Sheet C3 have been updated to reflect change to item Number and Description for the Mitered End Section from 18" to 15"
2. Updated Davis-Bacon Wage Determination

### **Attachments:**

Pre-bid Meeting Minutes  
Pre-bid Sign in Sheet  
Questions and Answers to date  
IRC Traffic Engineering Division Special Conditions for Right-of-Way Construction  
Wage Determination (General Decision Number 20200170 dated 1/03/2020)  
Itemized Bid Schedule – Addendum 2 (Pages 3 and 4)  
Notice to Contractors 2020018  
Updated Sheet C3 (Sealed 1-9-2020)



# Board of County Commissioners

1801 27th Street  
Vero Beach, Florida 32960-3365  
Telephone: (772) 567-8000  
Fax: (772) 778-9391

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**PRE-BID MEETING MINUTES**  
**43<sup>RD</sup> AVENUE SIDEWALK FROM AIRPORT DRIVE WEST TO 41<sup>ST</sup> STREET**  
**IRC-1503 FM No. 440019-1-58-01**  
**January 7, 2020 at 10:00 AM**  
**Conference Room A1-303**

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*The following meeting notes set forth our understanding of the discussions and decisions made at the subject meeting. If no objections, questions, additions, or comments are received within three (3) working days from issuance of the meeting notes, we will assume that our understandings are correct. The project will move forward according to the bid plans and specifications and the understandings herein.*

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**PROJECT NAME**

43<sup>rd</sup> Avenue Sidewalk from Airport Drive West to 41<sup>st</sup> Street

**BID NUMBER**

2020016

**FDOT CONTRACT NUMBER**

G1-G10

**INTRODUCTIONS/SIGN IN SHEET**

*The meeting was called to order by Robert Skok. See attached sign in sheets for a list of the attendees.*

**CONTRACT DETAILS**

Bid Opening: Wednesday, January 22, 2020 at 2:00 PM

Contract Time: 150 days to substantial completion

180 days to final completion

Estimate: \$509,706.38

Liquidated Damages: \$1,584.00 per day

**CONTACTS BIDDING PROCESS**

All communications concerning this bid shall be directed to Indian River County Purchasing Division at [purchasing@ircgov.com](mailto:purchasing@ircgov.com).

**PROJECT DESCRIPTION:** The work will consist of the construction of an 8-foot-wide concrete sidewalk along the east side of 43<sup>rd</sup> Avenue from Airport Drive West to 41<sup>st</sup> Street. The sidewalk

improvements will be approximately 0.85 miles in length. The work will also include erosion control, maintenance of traffic, ditch grading, minor drainage piping with drainage structures, signing and pavement markings.

### **UTILITIES**

AT&T

City of Vero Beach Water and Sewer

Comcast

Indian River County Telecommunications

Indian River County Traffic

Indian River County Utilities

FP&L

### **OTHER ISSUES**

- Review and comment with questions and clarifications as soon as possible, no further comments 10 days prior to bid opening (Bid opening is January 22, 2020, deadline is January 12, 2020).
- The Notice to Proceed tentative issuance is February 25th.
- Maintenance of Traffic:
  - Contractor awarded contract shall submit a Maintenance of Traffic Plan to the Traffic Division for approval.
  - Access for all businesses and residences shall be maintained at all times.
  - The Maintenance of Traffic Plan shall meet the FDOT Index 600, 2017 edition and be signed and sealed by a licensed professional Engineer registered in the state of Florida.
- Excavation Subsoil – to be removed and disposed of by Contractor. This material may be utilized on site if deemed suitable.
- Sidewalk construction - true 6" concrete, 2% max. slope (no tolerance).
- PERMITS - St Johns River Water Management District - General Permit No. 155718-1.
- Testing by TBD.
- Work hours are 7:00 AM-5:00 PM, Monday-Friday.
- Material storage and staging areas.
- Addendum #1 has been issued 12/18/19.
- Addendum #2 will be issued by Friday, January 10<sup>th</sup> and will include minutes, sign in sheets, questions & answers, updated Wage Determination, and updated Itemized Bid Schedule.

### **FEDERAL REQUIREMENTS**

- Invoicing: Contractor shall submit monthly invoices – one (1) original Contractor's Application for Payment (Section 00622 in Contract Docs), including Surety's Consent and all applicable releases of liens.
- Indian River County (IRC) is required to satisfy the Federal reporting requirements for this project, such as employment reporting, for both Contractor and all Subcontractors.
- In order to be eligible for reimbursement by FDOT/FHWA, IRC and prime contractor must comply with all applicable procedures, standards and directives as described in the FDOT Local Agency Program Manual and the Florida Department of Transportation, Equal Employment Opportunity Construction Contract Compliance Manual, March 8, 2019.
- Contractors must meet deadlines in order to be in compliance. All deadlines are strictly enforced or reimbursements cannot be made.

- All required forms must be completed and on time or payment could be withheld.
- Job Site Bulletin Board is required to be maintained until project is completed. The bulletin board information will be provided by the FDOT. The Contractor is required to properly display and maintain the bulletin board information.
- Summary of required contractor form submittals checklist (Section 200-8 in contract documents) A-P.
- Current Wage Determination. \* Please Note Common/General Laborer Rates. The Wage Determination provided in the Bid Documents was superseded on December 13, 2019.
- Section 00470 (Contract Documents) DBE Bid Package Information – Every Prime Contractor submitting a bid must submit a Bid Opportunity List within 3 days of Bid opening. Notice 2020018 includes the information.
- Florida Department of Transportation, Equal Employment Opportunity Construction Contract Compliance Manual, March 8, 2019.

Available on website:

[https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/equalopportunity/contract-compliance/contract-compliance-manual.pdf?sfvrsn=5e8c3002\\_0](https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/equalopportunity/contract-compliance/contract-compliance-manual.pdf?sfvrsn=5e8c3002_0)

#### **DISCUSSION**

- The questions received by the Purchasing Division from potential bidders were read aloud with corresponding answers. These questions and answers will be issued in Addendum #2.
- The sidewalk location that crosses the driveway at station 27+22.49 to 27+49.81 will require reinforcing bars three feet before and three feet after the driveway stations.
- The County will accept DBE's (a Disadvantaged Business Enterprise) for this project.
- A testing lab has not yet been chosen to perform testing. The costs of any testing that fails will be the responsibility of the Contractor.
- The quantity for embankment did not include the material to be generated by clearing and grubbing.
- Addendum #1 was issued with a correction on the Itemized Bid Schedule.
- Addendum #2 will be issued with another correction to the Itemized Bid Schedule (in addition to the items listed above in, "Other Issues").
- There are no other restrictions during the work hours when working adjacent to the airport. Only one lane can be closed at a time.
- A notice of lane closures must be given a minimum of 72 hours in advance to the Indian River County Traffic Engineering Division. This led to adding a revised Appendix C (Indian River County Traffic Engineering Division Special Conditions for Right-of-Way Construction) to this addendum as the existing one stated 24 hours.
- The Contractor shall submit the appropriate Index to FDOT for lane closures.
- The road classification for 43<sup>rd</sup> Avenue was researched after the meeting and the answer appears in the attached list of questions and answers.
- There is currently no final dollar amount to the LAP Agreement as the project has not been bid. The amount will be determined once the bids are known and the current amount may change.
- The term of agreement with FDOT is for project completion on or before December 31, 2021.
- The "Buy America Certificate of Compliance" should include the FM project number (FM No. 440019-1-58-01) so that it is project specific.

- All subcontractors and rentals for this project will need to be submitted and accounted for.
- The County is LAP certified by the FDOT and accountable for the project but the Contractor also shares in that responsibility with the proper and timely submittal of all required paperwork.
- Certified payrolls for the Prime Contractor and any subcontractors will be required. The submittal of invoices must be done monthly.
- The DBE Bid Package Information, Section 00470, Bid Opportunity List is currently being utilized and considered to be a very important part of the process. **The bidder must complete and submit it within three days or they will be disqualified.** See Item 2020018 attached for further explanation.
- There is no minimum DBE requirement. The target goal percentage is 10.65%, but it is not a mandatory goal percentage.
- Section 00496, “LAP Certification of Current Capacity” and “Status of Contracts on Hand” is required.

**ATTACHED:** Sign in sheet

**PRE-BID MEETING  
SIGN-IN SHEET**

**INDIAN RIVER COUNTY ENGINEERING / ROADWAY PRODUCTION**  
**INDIAN RIVER COUNTY ADMINISTRATION BUILDING**  
 Room A1-303 Building A  
**43<sup>rd</sup> AVENUE SIDEWALK FROM AIRPORT DRIVE WEST TO 41<sup>st</sup> STREET**  
**PROJECT IRC-1503**  
**F.M. No. 440019-1-58-01**  
**January 7, 2020 at 10:00 A.M.**

| NAME            | COMPANY & ADDRESS  | PHONE # / FAX # / CELL # | EMAIL ADDRESS                   |
|-----------------|--|--------------------------|---------------------------------|
| Dreco Velazquez | FDOT   | 772-321-6627             | dreco.velazquez@dot.state.fl.us |
| Kari Shorter    | Boromei Construction<br>4208 NW 3 <sup>rd</sup> St Okla. 34972 | 803-623-4314             | Karie.boromei@construction.com  |
| Luis Gonzalez   | Community Asphalt<br>Urbio Beach                               | 321-614-5853             | Luis.Gonzalez@OHUNA.COM         |
| DAN MUSCHWECK   | KERN'S CONSTRUCTION<br>540 NW UNIVERSITY<br>BLVD. PSL FL 34982 | 772-985-5015             | KERNSDZ@ATT.NET                 |
| Tony RAKE       | KERN'S CONSTR  | 772-882-8116             | TNTRAKE@BELLSSOUTH.NET          |

PRE-BID MEETING  
SIGN-IN SHEET

INDIAN RIVER COUNTY ENGINEERING / ROADWAY PRODUCTION

INDIAN RIVER COUNTY ADMINISTRATION BUILDING

Room A1-303 Building A

43<sup>rd</sup> AVENUE SIDEWALK FROM AIRPORT DRIVE WEST TO 41<sup>st</sup> STREET

PROJECT IRC-1503

F.M. No. 440019-1-58-01

January 7, 2020 at 10:00 A.M.

| NAME              | COMPANY & ADDRESS           | PHONE # / FAX # / CELL # | EMAIL ADDRESS                     |
|-------------------|-----------------------------|--------------------------|-----------------------------------|
| FRANK WHITE, P.A. | THE CORRADINO GROUP<br>FDOT | 561-662-4605             | fwhite@corradino.com              |
| Carrie Ferngren   | IRC Engineering             | 772-226-1771             | cferngren@irc.gov.com             |
| Chloanna Lawrence | FDOT<br>Treasure Coast Ops  | 772-429-4866             | chloanna.lawrence@dot.state.fl.us |
| Jennifer Hyde     | IRC Purchasing              | 772-226-1416             | Purchasing@ircgov.com             |
|                   |                             |                          |                                   |

**PRE-BID MEETING**  
**SIGN-IN SHEET**  
**INDIAN RIVER COUNTY ENGINEERING / ROADWAY PRODUCTION**  
**INDIAN RIVER COUNTY ADMINISTRATION BUILDING**  
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| NAME          | COMPANY & ADDRESS                               | PHONE # / FAX # / CELL # | EMAIL ADDRESS                   |
|---------------|---|--------------------------|---------------------------------|
| Timothy Rose  | Tim Rose Contracting<br>1360 SW 010 Dixie<br>VB | 772 564 7800<br>564 7888 | Timothy Rose<br>Contracting.com |
| Jill Williams | Indian River<br>County Engineering              | 772<br>226-1380          | jwilliams@<br>ircov.com         |
|               |   |                          |                                 |
|               |   |                          |                                 |
|               |   |                          |                                 |
|               |   |                          |                                 |



**PRE-BID MEETING  
SIGN-IN SHEET**

**INDIAN RIVER COUNTY ENGINEERING / ROADWAY PRODUCTION**  
**INDIAN RIVER COUNTY ADMINISTRATION BUILDING**  
 Room A1-303 Building A

**43<sup>rd</sup> AVENUE SIDEWALK FROM AIRPORT DRIVE WEST TO 41<sup>st</sup> STREET**  
**PROJECT IRC-1503**  
**F.M. No. 440019-1-58-01**  
**January 7, 2020 at 10:00 A.M.**

| NAME           | COMPANY & ADDRESS   | PHONE # / FAX # / CELL # | EMAIL ADDRESS            |
|----------------|---|--------------------------|--------------------------|
| KEVIN HANSEN   | IRC ENGINEERING<br>1801 27TH ST.<br>VERO BEACH, FL 32960                          | 772-226-1465             | KHANSEN@IRCGOV.COM       |
| ROB SKAL       | IRC ENGINEERING   | 772 226-1931             | RSKAL@IRCGOV.COM         |
| Nathan Ferraro | 3435 S. Hopkins Ave.<br>Titusville FL. 32780<br>Gregori Const.                    | #321 307 0894            | NFerraro@Gregori-inc.com |
| Paul King      | DP Development<br>Forrest Ave<br>Cocoa, FL.                                       | 484-892-1288             | PKing@dpdevelopment.com  |
| Mike Stanley   | Gosalia Concrete Structures<br>4607 N. 56 <sup>th</sup> Street<br>Tampa, FL 33610 | 813-9261-5169            | mstanley@gosalia.com     |

Aaron Stanton  
 MBV Engineering, Inc.  
 1835 20<sup>th</sup> St  
 Vero Beach, FL 32940  
 772-569-0035  
 Aaron.S@mbveng.com

**PRE-BID MEETING  
SIGN-IN SHEET**

**INDIAN RIVER COUNTY ENGINEERING / ROADWAY PRODUCTION**  
**INDIAN RIVER COUNTY ADMINISTRATION BUILDING**  
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**January 7, 2020 at 10:00 A.M.**

| NAME           | COMPANY & ADDRESS  | PHONE # / FAX # / CELL #  | EMAIL ADDRESS                                      |
|----------------|--|---|--|
| Ronnie LaRouse | PRP Construction<br>8300 SW SPRING HAVEN AVE<br>INDIAN TOWN, FL 34956        | Offices: 772-561-6923, Ext 303<br>Cell-772-341-3625             | ronlaroue@gmail.com                                |
| ROB BEATTY     | JOB BEAR CONTRACTING INC<br>1950 DANR DR NE<br>PALM BAY, FL 32905            | 321-723-3571  | rob@jobbearinc.com                                 |
| David Lewis    | Central Concrete Products Inc<br>2271 SE 60 East<br>Bartow FL 33830          | Office- 863-537-5119<br>Fax- 863-537-5643<br>Cell- 813-927-1861 | cenconle@msn.com<br>davidlewis@centralconcrete.net |
| Rudy Polseffi  | Heavy Civil Inc<br>18158 NE 15 <sup>th</sup> Ave<br>N. Miam. Beach, FL 33462 | 521-373-2995  | Rudy@HeavyCivilInc.com                             |
| Don Mallory    | Stillwater Construction<br>2655 Casson Lane<br>Malabar FL 32950              | 321-508-1324  | Stillwater Construction<br>@Hotmail.com            |

1. Is there an estimate for the project? Does that include Force Account?

**Engineers Estimate is \$509,706.38 and yes, does include force account**

2. Drawing scale is incorrect when printed at 100%, can they be re-issued to scale?

**No**

3. Is the embankment quantity a compacted, in place quantity?

**Yes**

4. Please clarify the gravel driveway at Station 27+50 Section A-A shows gravel while Section B-B shows 6" coquina rock.

**Should be 6" coquina rock**

5. Can 43<sup>rd</sup> Avenue be closed for the drainage crossing, if so duration limit?

**Yes, nighttime only, hours of 7PM – 6AM, contractor to provide MOT plan for night work, needs FDOT approval, and contractor will be responsible to provide all MOT for such work. Road needs to be open each day.**

6. Concrete sidewalk detail on Sheet C-30 says to reinforce where required with No. 3 bars, where is that?

**Refers to driveway on Sheet C-18. Engineer of Record, Aaron Stanton stated the rebar shall be placed in the sidewalk across the 23' width of the driveway and extend 3' beyond both in the north and south direction.**

7. Should Item 430-984625 be 15" MES, not 18"?

**Yes, Pay Item should be 430-984623, which is MES for 15" equivalent, pipe to be 12" x 18", plan view says 15" RCP**

8. Will flowable fill be required over the entire area of road construction because quantity would be off?

**Follow detail on Sheet C-30, for this size pipe, 10' wide is for flowable fill, pavement restoration is minimum 14'**

9. Since this is a LAP project will all bidders need to be Pre Qualified in order to bid?

**No**

**At the Meeting:**

1. What is the road classification of the road Segment?

**Urban Minor Arterial**

2. Does Section 496 need to be filled out if the contractor does not have any FOOT projects?

**FDOT Form 525-010-46, "LAP CERTIFICATION OF CURRENT CAPACITY" (Section 00496) in Bid Documents) is required to be completed and submitted with the LAP bids. The contractor is certifying that they have the financial capacity to complete the project. If the contractor is not a FOOT pre-qualified contractor, leave the "Fill in the FDOT Vendor Number VF" section blank. Complete the rest of the form (both Page 1 and Page 2) and submit with bid.**

**After the meeting:**

1. Is this project going to be administered through E-Builder?

**Yes, the contractor awarded the contract, will be asked to come to the County building for an E-Builder training class. The contractor will then be given access to the program and will submit pay requests, shop drawings, MOT plan, etc. through the program. The contractor will be able to see daily inspector reports as well.**

**E-Builder is an electronic project management software suite that the County is using with access by contractors and County staff.**



# INDIAN RIVER COUNTY TRAFFIC ENGINEERING DIVISION SPECIAL CONDITIONS FOR RIGHT-OF-WAY CONSTRUCTION

## SPECIAL CONDITIONS:

1. All work performed under this permit shall be in accordance with the Florida Department of Transportation Design Standards (<https://www.fdot.gov/design/standardplans/current/default.shtm>), Indices 102-600 and the Manual on Uniform Traffic Control Devices.
2. All special conditions listed are in addition to the attached Indian River County Traffic Engineering Regulations for Maintenance of Traffic.
3. It shall be the contractor's responsibility to contact Sunshine State One Call System (1-800-432-4770) at least 72 hours in advance of commencing construction work to coordinate traffic control and obtain locations of underground traffic signal conduit for the County's Computerized Traffic Signal Coordination System.
4. The contractor shall be responsible for using the applicable Traffic Control Plan for the type of work being performed. All job supervisors shall have a copy of the control plan on site at all times and shall be familiar with the correct set-up of the plan.
5. At least one lane of traffic shall be maintained at all times. One-lane traffic shall be controlled with at least two (2) flagmen. Flagmen shall use STOP/SLOW paddles at all times. Flags shall not be used for one-lane traffic control.
6. **After proper notification to Traffic Engineering**, consideration will be given to the contractor to close roadways to through traffic on a daily basis during daylight hours on narrow roadways where maintaining one-lane traffic would be difficult. The roadway shall be open to traffic at the end of each work day and on weekends. It shall be the contractor's responsibility to provide all necessary construction signs and traffic control devices to close the road and provide a detour route in accordance with Indian River County standards. Signing shall be installed that clearly indicates the time periods the road is closed to traffic.
7. There shall be no construction work after dark.
8. All open excavations shall be back filled before the close of each work day.
9. A compacted roadway shall be provided at the end of each work day. Disrupted roadways shall be clearly marked as a construction area.
10. Refer to the attached Traffic Engineering Regulations for construction work on Indian River County roadways for maintenance of traffic inspection policy and procedure
11. All construction equipment, materials, etc. shall be stored outside of the clear zone. Equipment and construction materials that are stored within the clear zone shall be clearly marked with Type II barricades with flashing yellow lights.
12. All projects and work within Indian River County right-of-way shall have an approved Traffic Control Plan (TCP). All work shall be executed under the established TCP and Indian River County approved procedures. The TCP shall provide the proposed detour route, traffic control devices, and other pertinent information for the proposed project and shall be submitted for review and approval by the Public Works Department.  
The TCP shall be prepared by personnel with a minimum of an Intermediate Maintenance of Traffic current certification in the State of Florida. (Denote on the TCP, certification number and name of the certified personnel that prepared the MOT plan.)  
For full road closures, a TCP is required to be submitted by the contractor a minimum of two (2) weeks prior to the proposed road closure.  
  
All traffic control devices shall be in accordance with the Florida Department of Transportation (FDOT) Design Standards, Indices 102-600, FY 2019-2020, and the Manual on Uniform Traffic Control Devices, 2009 Edition.
13. For full road closures, Portable Changeable Message Signs are required to pre-advertise the roadway closure, a minimum of seven (7) days in advance of the road closure and during the duration of the road closure. The use of Portable Changeable Message Signs for lane closures on thoroughfare plan roadways will be required. Messages are to be approved by the Public Works Department and shown on the TCP.

## TRAFFIC ENGINEERING REGULATIONS

### Maintenance and Protection of Traffic:

It shall be the responsibility of the contractor to provide for the maintenance and protection of traffic in accordance with the applicable indices in the most current edition of the Florida Department of Transportation Roadway and Traffic Design Standards and the Federal Highway Administration Manual on Uniform Traffic Control Devices. The indices shall be considered the minimum standards and a

# Special Conditions for Right of Way Construction

## Page 2

more extensive work zone set-up or modifications may be required by the County Public Work Director or his designee for the protection of personnel in the work area as well as the traveling public.

It shall be the responsibility of the contractor to ensure that all subcontractors are in full compliance with all traffic control regulations. It shall be the responsibility of the contractor working on County roadways or within Right-of-Ways to establish maintenance of traffic prior to any work being performed. The contractor shall frequently monitor the work zone set-up to ensure that all signing is properly placed and that warning signs remain at the proper advance posting distance from the work area. Any signs that do not apply to the work zone shall be removed or covered. The contractor shall remove the work zone set-up at the conclusion of the work.

**Traffic Engineering shall be notified a minimum of seventy-two (72) hours in advance of any lane closings and ten (10) days in advance of any road closures.**

**Lane closures are restricted to outside the normal peak hours of traffic, lane closures shall occur during the hours of 9:00 AM to 4:00 PM unless otherwise approved by the Public Works Director or his designee.**

**Traffic Engineering staff shall inspect the Maintenance of Traffic prior to construction commencement to ensure compliance with the approved Traffic Control Plan.**

It is the policy of the Traffic Engineering Division to randomly monitor the contractor's compliance with all regulations while working on County roadways and within right-of-ways. Matters of public safety shall be attended to immediately upon notification by the County Public Work Director or his designee.

If the contractor is found to be negligent in maintaining proper work zone set-up in accordance with the County's Right-of-Way ordinance (Chapter 312), the County Public Work Director or his designee shall impose penalties in the amount of \$250.00 for working without the proper traffic control.

### **Construction at or Near Signalized Intersections:**

The contractor shall have full responsibility for any work performed at or near any traffic signals in Indian River County. The contractor shall request that the County locate buried interconnect conduit and cable, loop sensors, and pull boxes prior to commencing construction. Any damage to the interconnect conduit, loop sensors, and pull boxes or any other traffic signal equipment shall be repaired at the contractor's expense. It shall be the responsibility of the contractor to notify Traffic Engineering Division a minimum of 72 hours prior to any work being performed near a signalized intersection or flashing beacon.

Once the proper notification and locate procedures are satisfied, the contractor working in or near signalized intersections or around traffic signal poles, signal cabinets, or flashing beacons shall be advised of the following regulations:

1. No excavation shall be performed within a 15-foot radius of any traffic signal pole. If excavation is necessary within a 15-foot radius, it will be the contractor's responsibility to provide the following:
  - a. In a manner approved by the County Public Works Director or his designee, the contractor shall provide constant support of the traffic signal pole to prevent movement during excavation and backfill operations.
  - b. Compaction around the excavation site to a 98% density, bringing the backfill up in 1 foot lifts.
  - c. Density reports from a licensed testing company provided to the County Public Works Director.
  - d. Restore the traffic signal and all support equipment to original condition or better.
2. There shall be no pavement cuts made within 500 feet of a signal or flashing beacon without contacting Indian River County Traffic Engineering Division at (772-226-1547), 72 hours prior to construction.
3. Any traffic signal, loop sensors, conduit, interconnect cable, or any support equipment damaged by a contractor shall be repaired/replaced at the contractor's expense.
4. Any contractor that works at or in the vicinity of a signalized intersection shall have full responsibility for any liability incurred by causing damage to signal equipment that results in the failure of the traffic signal functions. If such a failure occurs, the contractor shall notify the police and the Traffic Engineering Division immediately at (772-226-1547).

"General Decision Number: FL20200170 01/03/2020

Superseded General Decision Number: FL20190170

State: Florida

Construction Type: Highway

County: Indian River County in Florida.

HIGHWAY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.80 for calendar year 2020 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.80 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2020. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts

entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

|                     |                  |
|---------------------|------------------|
| Modification Number | Publication Date |
| 0                   | 01/03/2020       |

\* ELEC0915-004 12/01/2019

|                  | Rates    | Fringes  |
|------------------|----------|----------|
| ELECTRICIAN..... | \$ 30.01 | 39%+0.35 |

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 SUFL2013-031 08/19/2013

|   | Rates    | Fringes |
|---|----------|---------|
| CARPENTER.....  | \$ 15.68 | 0.00    |
| CEMENT MASON/CONCRETE<br>FINISHER, Includes Form Work.....        | \$ 15.01 | 0.00    |
| HIGHWAY/PARKING LOT STRIPING:<br>Operator (Striping Machine)..... | \$ 15.57 | 0.00    |
| HIGHWAY/PARKING LOT STRIPING:<br>Painter.....                     | \$ 12.13 | 0.00    |
| IRONWORKER, ORNAMENTAL.....                                       | \$ 13.48 | 0.00    |
| IRONWORKER, REINFORCING.....                                      | \$ 15.38 | 0.00    |



|   |          |      |
|---|----------|------|
| IRONWORKER, STRUCTURAL.....   | \$ 16.42 | 0.00 |
| LABORER (Traffic Control<br>Specialist).....                                    | \$ 11.79 | 0.00 |
| LABORER: Asphalt, Includes<br>Raker, Shoveler, Spreader and<br>Distributor..... | \$ 14.05 | 0.00 |
| LABORER: Common or General.....   | \$ 10.69 | 0.00 |
| LABORER: Flagger.....   | \$ 13.09 | 0.00 |
| LABORER: Grade Checker.....   | \$ 14.66 | 0.00 |
| LABORER: Mason Tender -<br>Cement/Concrete.....                                 | \$ 12.58 | 0.00 |
| LABORER: Pipelayer.....   | \$ 12.44 | 0.00 |
| OPERATOR:<br>Backhoe/Excavator/Trackhoe.....                                    | \$ 14.96 | 0.00 |
| OPERATOR: Bobcat/Skid<br>Steer/Skid Loader.....                                 | \$ 12.88 | 0.00 |
| OPERATOR: Broom/Sweeper.....  | \$ 12.91 | 0.00 |
| OPERATOR: Bulldozer.....  | \$ 15.23 | 0.00 |
| OPERATOR: Concrete Finishing<br>Machine.....                                    | \$ 15.44 | 0.00 |
| OPERATOR: Crane.....  | \$ 22.04 | 0.00 |
| OPERATOR: Curb Machine.....   | \$ 18.45 | 0.00 |

|  |          |      |
|--|----------|------|
| OPERATOR: Drill.....                                       | \$ 13.04 | 0.00 |
| OPERATOR: Forklift.....                                    | \$ 10.43 | 0.00 |
| OPERATOR: Gradall.....                                     | \$ 14.71 | 0.00 |
| OPERATOR: Grader/Blade.....                                | \$ 18.20 | 0.00 |
| OPERATOR: Loader.....                                      | \$ 13.14 | 0.00 |
| OPERATOR: Mechanic.....                                    | \$ 17.52 | 0.00 |
| OPERATOR: Milling Machine.....                             | \$ 16.04 | 0.00 |
| OPERATOR: Oiler.....                                       | \$ 16.67 | 0.00 |
| OPERATOR: Paver (Asphalt,<br>Aggregate, and Concrete)..... | \$ 15.47 | 0.00 |
| OPERATOR: Piledriver.....                                  | \$ 17.23 | 0.00 |
| OPERATOR: Post Driver<br>(Guardrail/Fences).....           | \$ 15.97 | 0.00 |
| OPERATOR: Roller.....                                      | \$ 12.50 | 0.00 |
| OPERATOR: Scraper.....                                     | \$ 12.21 | 0.00 |
| OPERATOR: Screed.....                                      | \$ 14.14 | 0.00 |
| OPERATOR: Trencher.....                                    | \$ 14.25 | 0.00 |
| PAINTER: Spray.....  | \$ 19.57 | 0.00 |
| TRAFFIC SIGNALIZATION:<br>Traffic Signal Installation..... | \$ 15.11 | 0.00 |

|  |      |
|--|------|
| TRUCK DRIVER: Dump Truck.....\$ 11.86    | 0.00 |
| TRUCK DRIVER: Flatbed Truck.....\$ 14.28 | 0.00 |
| TRUCK DRIVER: Lowboy Truck.....\$ 16.25  | 0.00 |
| TRUCK DRIVER: Slurry Truck.....\$ 11.96  | 0.00 |
| TRUCK DRIVER: Water Truck.....\$ 13.57   | 0.00 |

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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses

(29CFR 5.5 (a) (1) (ii)).

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The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

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WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator

U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

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**ITEMIZED BID SCHEDULE \* ADDENDUM No. 2**

**PROJECT NAME: 43rd AVENUE SIDEWALK FROM AIRPORT DRIVE WEST TO 41st STREET**

**PROJECT NO: IRC-1503, BID NO. 2020016, FM NO. 440019-1-58-01**

**BIDDER'S NAME:** \_\_\_\_\_

| Item No.    | Description   | Unit | Unit Price | Quantity | Amount |
|-------------|---|------|------------|----------|--------|
| 101-1       | MOBILIZATION  | LS   |            | 1        |        |
| 102-1       | MAINTENANCE OF TRAFFIC  | LS   |            | 1        |        |
| 104-1       | PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION                       | LS   |            | 1        |        |
| 110-1-1     | CLEARING & GRUBBING   | LS   |            | 1        |        |
| 120-1       | REGULAR EXCAVATION  | CY   |            | 1,599    |        |
| 120-6       | EMBANKMENT  | CY   |            | 1,607    |        |
| 121-70      | FLOWABLE FILL   | CY   |            | 25.4     |        |
| 286-1       | TURNOUT CONSTRUCTION / DRIVEWAY BASE - OPTIONAL MATERIALS                               | SY   |            | 117      |        |
| 334-1-13    | SUPERPAVE ASPHALTIC CONC, TRAFFIC C (PG 76-22, WITH POLYMER) (SP 12.5, 2 LIFTS OF 1.5") | TN   |            | 8.8      |        |
| 400-1-2     | CONCRETE CLASS I, ENDWALLS  | CY   |            | 9.06     |        |
| 425-1521    | INLETS, DT BOT, TYPE C, <10'  | EA   |            | 4        |        |
| 425-1551    | INLETS, DT BOT, TYPE E, <10'  | EA   |            | 2        |        |
| 430-175115  | PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"S/CD (RCP)                                   | LF   |            | 70       |        |
| 430-175124  | PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"S/CD (RCP)                                   | LF   |            | 152      |        |
| 430-175136  | PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 36"S/CD (RCP)                                   | LF   |            | 109      |        |
| *430-984623 | MITERED END SECTION, OPTIONAL OTHER - ELLIP/ARCH, 15" SD                                | EA   |            | 4        |        |
| 515-2311    | PEDESTRIAN/BICYCLE RAILING, ALUMINUM ONLY, 42" TYPE 1                                   | LF   |            | 161      |        |
| 522-2       | CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK (FIBER-REINFORCED)                            | SY   |            | 4,016    |        |
| 527-2       | DETECTABLE WARNINGS   | SF   |            | 42       |        |
| 570-1-2     | PERFORMANCE TURF, SOD (MATCH EXISTING)  | SY   |            | 9,130    |        |
| 700-1-50    | SINGLE POST SIGN, RELOCATE  | AS   |            | 1        |        |
| 700-1-60    | SINGLE POST SIGN, REMOVE  | AS   |            | 2        |        |
| 711-11123   | THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT                 | LF   |            | 86       |        |
| 711-11125   | THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK                  | LF   |            | 12       |        |
| 999-1       | AS BUILT SURVEY (BY REGISTERED SURVEYOR)  | LS   |            | 1        |        |



**ITEMIZED BID SCHEDULE \* ADDENDUM No. 2**

**PROJECT NAME: 43rd AVENUE SIDEWALK FROM AIRPORT DRIVE WEST TO 41st STREET**

**PROJECT NO: IRC-1503, BID NO. 2020016, FM NO. 440019-1-58-01**

**BIDDER'S NAME:** \_\_\_\_\_

| Item No.   | Description            | Unit | Unit Price | Quantity     | Amount    |
|--|------------------------|------|------------|--------------|-----------|
| 1644800  | FIRE HYDRANT, RELOCATE | EA   |            | 1            |           |
| <b>43rd AVENUE SIDEWALK FROM AIRPORT DRIVE WEST TO 41st STREET</b> |                        |      |            |              |           |
| 999-25   | <b>FORCE ACCOUNT</b>   |      |            |              | 70,000.00 |
| <b>TOTAL BID AMOUNT (INCLUDING FORCE ACCOUNT)</b>                  |                        |      |            | <b>TOTAL</b> |           |

LS=Lump Sum CY=Cubic Yard SY=Square Yard TN=Ton EA=Each

LF=Linear Foot SF=Square Foot AS=Assembly

**NOTE: IF THERE IS A DISCREPANCY BETWEEN THE PLANS (SUMMARY OF PAY ITEMS) AND THE ITEMIZED BID SCHEDULE, THE BID SCHEDULE WILL BE UTILIZED FOR BIDDING PURPOSES.**

**TOTAL PROJECT BID AMOUNT IN WORDS** \_\_\_\_\_

## Notice 2020018

### NOTICE TO CONTRACTORS FOR BIDDING ON INDIAN RIVER COUNTY/FDOT LOCAL AGENCY PROGRAM (LAP) PROJECT

Bid Number: 2020016

Project Description: 43<sup>rd</sup> Avenue Sidewalk from Airport Drive West to 41<sup>st</sup> Street

FDOT Contract Number: G1-G10

Indian River County, Florida has entered into an agreement with the Florida Department of Transportation (FDOT) for a Local Agency Program (LAP) federally funded project anticipated for advertisement by December 8, 2019.

Every prime contractor submitting a bid for any and all LAP projects must submit a Bid Opportunity List for each LAP project - a list of all subcontractors and subconsultants that provided quotes to them into the electronic FDOT EOC database **within three business days of the bid opening.**

In order to ensure contractors are eligible for award, Indian River County is recommending all contractors become familiar with the FDOT Equal Opportunity Compliance System and requirements. The web address is: <https://www.fdot.gov/equalopportunity/eoc.shtm>.

- Prime contractors must complete all pages of the [Contractors and Consultants New Users Access Form](#).
- Prime contractors to complete the Security Computer Based Training course located here: <http://wbt.dot.state.fl.us/ois/CSATRACKWBT/TRACKcbit.htm>  
*Note – A passing score of 90% is required for the test at the end course. When completed with passing grade, please print out certificate. Course may be taken again immediately if score is below 90%.*

Please submit ALL forms and the certificate showing completion of security cbt course to [EOOHelp@dot.state.fl.us](mailto:EOOHelp@dot.state.fl.us) (or fax to 850-414-4879).

Once the forms and certificate showing completion of security course is received, EOOHelp will email contractor a user id and password to use and the web address to log in.

Prior to submitting your bid to Indian River County, please enter the Bidder Opportunity List into the Equal Opportunity Compliance (EOC) system, using the FDOT Contract Number referenced above.

If you have trouble with any of this, please contact Jill Williams, Indian River County Resident Compliance Specialist at (772) 226-1380 or [jwilliams@ircgov.com](mailto:jwilliams@ircgov.com).

Status of the Contractor's information in this database will be included in the determination of responsiveness to the bid.

**UTILITY SPECIFICATIONS**

- THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS BASED ON AVAILABLE RECORDS AND IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO AND IS RESPONSIBLE FOR THE COORDINATION OF UTILITY RELOCATION.
- CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES IN THE FIELD WITH UTILITY OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION UTILITY OWNERS:  
 LUKE FOLKERTS  
 4860 W. STATE ROAD  
 MIAMI, FL 33134  
 (305) 778-9140  
 COMCAST CABLE  
 940 12TH STREET  
 VERO BEACH, FL 32960  
 (888) 778-9140  
 MGR OPS PLNG & ENGRG DESIGN+  
 FLORIDA POWER & LIGHT  
 SOUTHEAST CONSTRUCTION &  
 ENGINEERING, FLORIDA ENGINEERING  
 7747 ELLIS RD, W MELBOURNE, FL 32904  
 (305) 219-9143  
 4200 FLAGLER AVE.  
 MIAMI, FL 33134
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY ALL UTILITY COMPANIES A MINIMUM OF 72 HOURS PRIOR TO EXCAVATION, AS REQUIRED BY THE UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT. NOTIFY SUNSHINE AT 811.
- UTILITIES ARE TO BE ADJUSTED BY UTILITY OWNER OR AS DIRECTED BY THE ENGINEER.

**GENERAL NOTES:**

- CONTRACTOR SHALL OBTAIN COPIES OF ALL REQUIRED PERMITS BEFORE COMMENCING WORK. CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH ALL PERMIT CONDITIONS AND PERFORM ALL WORK IN ACCORDANCE WITH ALL SAID CONDITIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL CONTACT ALL CONCERNED UTILITIES AT LEAST 72 HOURS IN ADVANCE FOR CONSTRUCTION OPERATIONS.
- NO FIELD CHANGES OR DEVIATIONS FROM DESIGN TO BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER.
- SLOPE GRADES FROM ELEVATIONS SHOWN TO EXISTING GRADE. MAXIMUM SLOPE 4:1.
- ENGINEER SHALL BE NOTIFIED AT LEAST 72 HOURS IN ADVANCE FOR ANY INSPECTION.
- THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTORS BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.
- ALL INLETS SHALL HAVE A 6" MIN. SUMP BELOW LOWEST INVERT.
- EROSION CONTROL FENCING MUST BE IN PLACE PRIOR TO GRADING.
- PIPE LENGTHS AND SLOPES SHOWN ARE APPROXIMATE.
- IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
- ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUDED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
- CONTRACTOR SHALL ADJUST INLET/STRUCTURE OR CONNECTION LOCATION AS REQUIRED TO ENSURE PROPOSED STRUCTURES AND PIPES ARE IN PROPER ALIGNMENT AND MATCH SLOPE OF EXISTING PIPES OR CONNECTIONS.
- THIS PLAN CONTEMPLATES ACCESS CONNECTIONS TO ADJACENT ROADS AS SHOWN.
- FILL MATERIAL MAY NOT BE STOCKPILED HIGHER THAN SIX (6) VERTICAL FEET.
- DIMENSIONS SHOWN ARE TO EDGE OF GUTTER OR PAVEMENT. RADII SHOWN ARE TO FACE OF CURB.
- ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH M.U.T.C.D. STANDARDS.
- ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC PER INDIAN RIVER COUNTY REQUIREMENTS.
- ANY STATE AND FEDERAL PERMITS THAT MAY BE REQUIRED AS A RESULT OF LAND CLEARING AND LANDSCAPING ACTIVITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE TO PROTECT AND/OR REPLACE ALL SURVEY MONUMENTATION BY A LICENSED SURVEYOR IN THE STATE OF FLORIDA.
- ALL WORK SHALL BE DONE FROM AND WITHIN THE RIGHT-OF-WAY.

**TECHNICAL SPECIFICATIONS**

- MATERIALS**
- A) DRAINAGE PIPING:  
 1) MINIMUM SIZED PIPING SHALL BE 15" OR EQUIVALENT ELLIPTICAL SIZE AND 18" MINIMUM ON COLLECTOR ROADS, UNLESS OTHERWISE NOTED.  
 2) ALL STORM PIPING SHALL MEET MANUFACTURER'S SPECIFICATIONS. CONTRACTOR TO COORDINATE WITH MANUFACTURER TO ENSURE PROPOSED PIPING DOES NOT REQUIRE ADDITIONAL INSTALLATION MATERIALS, INCLUDING BUT NOT LIMITED TO, STRAPPING, ANCHORING, BOOT/PANTRY, ETC.  
 3) ALL JOINTS SHALL BE WRAPPED WITH FILTER FABRIC.
- B) DRAINAGE STRUCTURES:  
 1) ALL CATCH BASINS, INLETS OR MANHOLE STRUCTURES SHALL BE OF PRECAST REINFORCED TYPE PURSUANT TO FOOT DESIGN STANDARDS, LATEST EDITION, UNLESS OTHERWISE APPROVED.  
 2) ALL STRUCTURES SHALL BE FREE OF DEFECTS SUCH AS CRACKING, HONEYCOMBS AND EXPOSED STEEL REINFORCING INCLUDING BLEED THROUGH.  
 3) SHOP DRAWINGS SHALL BE SUBMITTED BEFORE ORDERING MATERIAL FOR PLANNED PROJECT. CORRESPONDENCE SHALL BE BETWEEN THE DESIGN ENGINEER AND THE LOCAL GOVERNING AGENCY AND IS THE RESPONSIBILITY OF THE CONTRACTOR.
- C) OUTFALL SPECIFICATIONS:  
 1) CONTRACTOR TO COORDINATE WITH RESPECTIVE JURISDICTIONAL AGENCY FOR OUTFALL PIPE INTO JURISDICTIONAL CANAL OR ANY OTHER WATER BODY. TO ENSURE PROPER CONSTRUCTION MEANS AND METHODS PROPOSED ARE ACCEPTABLE. IT IS RECOMMENDED THIS COORDINATION IS DONE PRIOR TO CONTRACTOR'S PRICING.
- D) MANHOLE COVERS & GRATES:  
 1) MANHOLE FRAMES, COVERS AND GRATES SHALL MEET SPECIFIC PLANNED USE AS DETERMINED BY DESIGN ENGINEER AND THE LOCAL GOVERNING AGENCY.  
 2) MANHOLE FRAMES AND COVERS SHALL BE OF CAST IRON MATERIALS, UNLESS OTHERWISE NOTED, AND BE FREE FROM CRACKS, HOLES OR COLD SHUTS. FRAMES AND COVERS SHALL CONFORM TO A MINIMUM STANDARD OF USP 1260 SERIES OR EQUIVALENT WITH COVERS STATING "STORM SEWER".  
 3) FRAMES AND GRATES SHALL BE OF CAST IRON MATERIALS, UNLESS OTHERWISE NOTED, AND BE FREE FROM CRACKS, HOLES AND COLD SHUTS. FRAMES AND GRATES SHALL CONFORM TO A MINIMUM STANDARD OF USF 4160-6210 OR EQUIVALENT.

**SUMMARY OF QUANTITIES**

| Item No.   | Description  | Unit | Quantity |
|------------|--|------|----------|
| 101-1      | MOBILIZATION   | LS   | 1        |
| 102-1      | MAINTENANCE OF TRAFFIC   | LS   | 1        |
| 104-1      | PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION                      | LS   | 1        |
| 110-1-1    | CLEARING AND GRUBBING  | LS   | 1        |
| 120-1      | REGULAR EXCAVATION   | CY   | 1,599    |
| 120-6      | EMBANKMENT   | CY   | 1,607    |
| 121-70     | FLOWABLE FILL  | CY   | 25.4     |
| 286-1      | TURNOUT CONSTRUCTION / DRIVEWAY BASE OPTIONAL MAT'L'S                                  | SY   | 117      |
| 334-1-13   | SUPERPAVE ASPHALT CONC., TRAFFIC C (PG 76-22, WITH POLYMER) (SP 12.5, 2 LIFTS OF 1.5") | TN   | 8.8      |
| 400-1-2    | CLASS I CONCRETE ENDWALL   | CY   | 9.06     |
| 425-1521   | INLETS, DT BOT., TYPE C, <10'  | EA   | 4        |
| 425-1551   | INLETS, DT BOT., TYPE E, <10'  | EA   | 2        |
| 430-175115 | PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15" S/C D (RCP)                                | LF   | 70       |
| 430-175124 | PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24" S/C D (RCP)                                | LF   | 152      |
| 430-175136 | PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 36" S/C D (RCP)                                | LF   | 109      |
| 430-984623 | MITERED END SECT. OPTIONAL - ELLIPTICAL / ARCH, 15" SD                                 | EA   | 4        |
| 515-2311   | PEDESTRIAN/BICYCLE RAILING, ALUMINUM ONLY, 42" TYPE 1                                  | LF   | 161      |
| 522-2      | CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK (FIBER-REINFORCED)                           | SY   | 4,016    |
| 527-2      | DETECTABLE WARNING   | SF   | 42       |
| 570-1-2    | PERFORMANCE TURF, SOD (MATCH EXISTING)   | SY   | 9,130    |
| 700-1-50   | SINGLE POST SIGN, RELOCATE   | EA   | 1        |
| 700-1-60   | SINGLE POST SIGN, REMOVE   | EA   | 2        |
| 711-11123  | THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT                | LF   | 86       |
| 711-11125  | THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK                 | LF   | 12       |
| 999-1      | AS-BUILT SURVEY (BY REGISTERED SURVEYOR)   | LS   | 1        |
| 1644800    | FIRE HYDRANT, RELOCATE   | EA   | 1        |

**PAY ITEM FOOTNOTES**

- 102-1 INCLUDES: TEMPORARY PAVEMENT, TEMPORARY PAINT/TAPE, STRIPING, BARRIER WALLS, VERTICAL PANELS, ATTENUATORS, TEMPORARY STRIPING, SIGNS, MESSAGE BOARDS, BARRICADES, PERMANENT RELOCATION OF SCHOOL SIGNS AND ALL OTHER TRAFFIC INCIDENTAL ITEMS REQUIRED FOR THE MAINTENANCE OF TRAFFIC. ALL TEMPORARY PAVEMENT STRIPING IS TO BE REMOVED PRIOR TO FINAL STRIPING. VARIABLE CHANGING MESSAGE SIGN SHALL BE IN PLACE 2 WEEKS PRIOR TO ALL ROAD CLOSINGS. COST SHALL BE INCLUDED IN THE MAINTENANCE OF TRAFFIC PAY ITEM. COST SHALL INCLUDE AN MOT PLAN PREPARED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF FLORIDA.
- 104-1 COST SHALL INCLUDE ALL NPDES PERMITTING FEES.
- 110-1-1 INCLUDES BUT NOT LIMITED TO VEGETATION & TOPSOIL REMOVAL, SAW CUT AND/OR REMOVAL OF EXISTING PAVEMENT, ASPHALT OR CONCRETE, CURB OR SIDEWALK, THE REMOVAL OF EXISTING GUARDRAIL AND THE REMOVAL OF EXISTING PIPES CULVERTS, HEADWALLS AND/OR STRUCTURES WHERE EXISTING PIPES ARE REMOVED AND THE EXISTING STRUCTURE REMAINS. THE RESULTING HOLE SHALL BE FORMED AND FILLED WITH CONCRETE. THE CONTRACTOR SHALL COMPLY WITH THE STATE OF FLORIDA TRENCH SAFETY ACT. INCIDENTAL CONSTRUCTION COSTS INCLUDING AS-BUILT SURVEYING AND DRAWING PREPARATION, SURVEY STAKING AND UTILITY COORDINATION ARE INCLUDED IN THE UNIT COST OF RELATED ITEMS.
- 120-6 EMBANKMENT FOR FILL OF THE DITCH ON BOTH SIDES OF 43RD AVENUE AT APPROX. STATIONS 16+00 TO 19+00. FILL IN SITU.
- 286-1 GRAVEL DRIVEWAY AT APPROXIMATE STATION 27+50.
- 334-1-13 ANY INCIDENTAL REMOVAL OF STRIPING OR REFLECTIVE PAVEMENT MARKERS SHALL BE REPLACED IN KIND UNDER THIS UNIT COST.
- 430-175-136 INCLUDES REMOVAL OF THE 56 LF OF EXISTING 36" C.M.P.
- 522-2 ALL CONCRETE MATERIAL SHALL BE FIBER REINFORCED AND 3,000 PSI (MIN.) COMPRESSIVE STRENGTH.
- 527-2 CAST-IN-PLACE DETECTABLE WARNING THAT ARE FEDERAL YELLOW IN COLOR.
- 711-11-123 & 125 THE CONTRACTOR SHALL COMPLY WITH THE FOOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2017 AND 2017 DESIGN STANDARDS.



**GENERAL NOTES**  
**SUMMARY OF QUANTITIES**

1835 20TH STREET  
 VERO BEACH, FL 32960  
 PH. (772) 569-0035  
 FX. (772) 778-3617  
 MELBOURNE, FL - PH (321) 253-1510  
 FT. PIERCE, FL - PH (772) 468-9055  
 CONSULTING ENGINEERING CA #3728

INDIAN RIVER COUNTY PROJECT NO. IRC-1503  
 FLORIDA

43rd AVENUE SIDEWALK  
 FROM AIRPORT DRIVE WEST  
 TO 41st STREET

| REVISIONS               | DATE       | JOB NO.     | 18-0043  |
|-------------------------|------------|-------------|----------|
| 1 PER IRC 90% REVIEW    | 08-31-2018 | DESIGNED    | AGS      |
| 2 PER IRC 100% REVIEW   | 12-17-2018 | DRAWN       | KB       |
| 3 PER DOT 110% REVIEW   | 02-04-2019 | DATE        | 1/9/2020 |
| 4 PER DOT LAP REVIEW    | 05-10-2019 | CHECKED     | AGS      |
| 5 REMOVE 5' T.C.E.      | 07-10-2019 | DATE ISSUED | 1/9/2020 |
| 6 COVER & SUM OF QTY'S  | 12-02-2019 |             |          |
| 7 PAY ITEM # 430-984623 | 01-09-2020 |             |          |