



ADDENDUM NO. 3

Issue Date: December 10, 2018

Project Name: West Wabasso Community Gravity Sewer System Phase II

Bid Number: 2019020

Bid Opening Date: December 18, 2018 at 2:00 pm

This addendum is being released to: Answer questions received to date and make modifications to 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

Revised Specification Sections:

00310-3 Bid Form – Addendum 3

01025 – Measurement & Payment – Addendum 3

Revised Construction Plans – Addendum 3

Supplemental: IRC Traffic Engineering Special Conditions (MOT)

The bid form (00310-3) has been revised with respect to Contractor's questions. See "Questions & Answers" below for details. Section 01025 "Measurement & Payment" has been revised to eliminate "MOT" from paragraph 1.03A, and add paragraph 1.03Q – Maintenance of Traffic.

Revisions to construction plan Sheet 7 & 10 are minor but may affect bid price. Revisions are clouded on both sheets. Contractor shall review and base their bid off the Addendum 3 Construction Plans.

Contractor's Questions and Answers

1. With the MOB & MOT together, where do we put the remaining monies needed for MOT?
A lump-sum pay item for MOT (Temporary Traffic Control) is on the bid tab; now Pay Item #27. The bid tab has been revised to omit MOT from Pay Item #35; now Mobilization & Demobilization.

(Continued)

2. Has Traffic engineering looked at these plans? We will have to do several road closures to have dewatering operations in place per the FDOT Index 600. There is no specific road closure that will have to be drawn, do these drawings have to be signed and sealed by a professional engineer?

The County Engineer has reviewed the plans. The Contractor shall submit a Temporary Traffic Control plan to IRC Engineering. The plan will need to be signed and sealed.

3. The millings required on 64th Ave do not match with the corresponding stations 307+40 & 310+00 on line item 18?

The Bid Tab has been revised to correspond with the Plans. See Pay Item 21.

4. According to the manhole notes, any manholes with a greater depth of 10 feet are required to be 6 ft diameter manhole. Also, there are 9 manholes that are required to be 5 ft in diameter per manhole notes?

Manhole diameters shall be as called out in the plans on Sheet 10, Manhole Schedule.

5. A portion of the text for the notes relating to the abandonment of the existing force main and lift station at the Douglas Headstart Center has been cut short on the revision 2 plan sheet 7 of 16. Can the full note text be provided for clarity?

The Plans have been revised to display the entire note.

6. What bid tab item is to carry the abandonment of the force main and lift station at the Douglas Headstart Center?

Pay Items for force main and lift station abandonment have been added to the Bid Tab.

7. Is the intent of Indian River County to repave all internal roads within the project limits, or only roadway impacted by the proposed sewer improvements?

The intent is to repave only the streets disturbed as part of the project.

**SECTION 00310-3-SCHEDULE A
SCHEDULE OF BID ITEMS
(Addendum 3)**

**BID NUMBER 2019-020
PROJECT IDENTIFICATION:**

**Dated: 12/10/18
West Wabasso Community Gravity
Sewer System, Phase 2**

THIS BID IS SUBMITTED TO:

By:

**INDIAN RIVER COUNTY PURCHASING DIVISION
1800 27th STREET
VERO BEACH, FLORIDA 32960**

Company Name

***Added or revised as part of Addendum 3**

| Bid Item No | Bid Item Description | Unit of Measure | Unit Price | Quantity | Bid Item Total (in figures) |
|--------------------|--|------------------------|-------------------|-----------------|------------------------------------|
| 1 | Gravity Sewer, 8" PVC: 0' - 6' Deep | LF | | 1,000 | |
| 2 | Gravity Sewer, 8" PVC: 6' - 8' Deep | LF | | 2,000 | |
| 3 | Gravity Sewer, 8" PVC: 8' - 10' Deep | LF | | 1,250 | |
| 4 | Gravity Sewer, 8" PVC: 10' - 12' Deep | LF | | 1,000 | |
| 5 | Gravity Sewer, 8" PVC: 12' - 14' Deep | LF | | 500 | |
| 6 | 4' Diam. Manholes 0' - 6' Deep | EA | | 7 | |
| 7 | 4' Diam. Manholes 6' - 8' Deep | EA | | 5 | |
| 8 | 4' Diam. Manholes 8' - 10' Deep | EA | | 4 | |
| 9 | 5' Diam. Manholes 10' - 12' Deep | EA | | 3 | |
| 10 | 5' Diam. Manholes 12' - 14' Deep | EA | | 3 | |
| 11 | 4" Ø Force Main Directional Bore (DR-11 HDPE) | LF | | 80 | |
| 12 | 4" Ø Force Main C-900 PVC | LF | | 180 | |
| 13 | *Abandon 4" Ø Force Main in IRC R/W (Flush & Grout) | LF | | 500 | |
| 14 | *Abandon 4" Ø Force Main on private property (flush and cap) | LF | | 260 | |
| 15 | *Abandon Douglas Headstart Lift Station (pump out, remove and backfill with clean sand) | LF | | 261 | |
| 16 | Wet Tap: 12"x4" Stainless Steel Tapping Sleeve & 4" R.S. Gate Valve | EA | | 1 | |
| 17 | Type SP 12.5 (Traffic C) (1.5" Thick)- Per FDOT Spec 334-7 | SY | | 12,100 | |
| 18 | Optional Base Group 4 (6-inches)-FDOT Spec 285 | SY | | 12,700 | |
| 19 | Type B Stabilized Subgrade (12")- Per FDOT Spec 160-4 (LBR 40) | SY | | 13,300 | |
| 20 | 6" Thermoplastic White Per FDOT Spec 711-11 | LF | | 50 | |
| 21 | *Install 6-inches of millings over 12-inches of Type B stabilized subgrade on 64th Avenue from approximately station 639+20 to 642+65. | LF | | 260 | |

| Bid Item No. | Bid Item Description | Unit of Measure | Unit Price | Quantity | Bid Item Total (in figures) |
|--|--|-----------------|------------|----------|-----------------------------|
| 22 | 6" Single Sewer Laterals with Clean Out (C.O) | EA | | 30 | |
| 23 | 6" Double Sewer Laterals with Clean Out (C.O) | EA | | 40 | |
| 24 | 4" Sewer Service Lateral from C.O. at R/W to house connection as directed by Utility inspector, restoration of all disturbed areas with sod. Related clean-outs shall be paid under Item 24a. | LF | | 6,500 | |
| 24a | 4" Sewer Service Clean Out (C.O) | EA | | 130 | |
| 25 | Septic tank pump out and abandonment per Florida Department of Health (FDOH) requirements, fill, restoration of all disturbed areas with sod. No septic tank abandonment permits will be required by FDOH. Only, IRC Building Division permit will be required (\$79) for each parcel connected to the sewer system, therefore that permit fee of \$79.00 must also be included with the price of each. | EA | | 65 | |
| 26 | Construct County Lift Station, Complete and Operable. Furnish Pumps Package and Dataflow System. Pump package will include pumps, cables, guide rails and assemblies, float assembly, anchor bolts and washers and nuts, lifting bails, SS nipples and elbows, float switches, hatch covers, duplex control panel, SS base plates and spare parts, concrete drive and housekeeping pad. Lift Station construction also includes connection to the 4" force main on the east side of 63rd Court. The price to include Dataflow equipment with the spare Telemetry Control Unit (TCU) Supply spare parts per IRCDUS Construction Standards Section 10. | LS | | 1 | |
| 27 | Temporary Traffic Control | LS | | 1 | |
| 28 | Restoration (Sod) | LF | | 6,000 | |
| 29 | Testing (TV & Exfiltration of all gravity mains, includes pressure test of force main) | LS | | 1 | |
| 30 | As-built Survey | LS | | 1 | |
| 31 | Stakeout Survey | LS | | 1 | |
| 32 | Clearing & Grubbing 84th Place | LS | | 1 | |
| 33 | Erosion & Sediment Control | LS | | 1 | |
| 34 | Public Construction Bond | LS | | 1 | |
| CONSTRUCTION COST - SUBTOTAL "A" | | | | | |
| 35 | *Mobilization and Demobilization (See Section 01025) | LS | | 1 | |
| CONSTRUCTION COST plus MOB/DEM & MOT- SUBTOTAL "B" | | | | | |
| 36 | Force Account | | | | \$75,000.00 |
| TOTAL LUMP SUM CONTRACT AMOUNT | | | | | |
| TOTAL BID PRICE IN WORDS: | | | | | |

**The unit prices bid for furnishing and installation of the sewer main, lift station and appurtenances shall include, but is not limited to, utilities exploration/excavation, coordination with any permitting agencies, storm water permit, audio-visual documentation, land clearing/tree removal necessary for utility installation, trenching, removing, disposing of and replacing unsuitable (i.e., plastic or organic) material, dewatering, sheeting/shoring of the excavation, installation of pipe, structures and all appurtenances, trace wires, sleeves, fittings, restrainers, connection requirements including locating, excavating existing pipe, restraining existing pipe and fittings, density testing, filling trench, soil compaction, filling, pressure testing, flushing/cleaning, density testing, irrigation repair, removal, disposition and replacement of surface over trench to pre-construction conditions, restoration of any sidewalk, landscaping or sod damaged or destroyed, removal and resetting or replacing existing guard rail or signs necessary for utility installation and Trench Safety Act Compliance. The unit price(s) bid will also include restoration of any existing utilities, drainage facilities, signs, mailboxes, driveways, etc. disturbed or damaged by the construction. All materials and installation shall be per Indian River County Utility Standards and Specifications unless otherwise noted in the bid documents. The PVC force main shall be C-900 and the PVC gravity sewer shall be SDR 26. Contractor will be provided with a copy of construction plans in AutoCADD format to use for construction stake-out and for use in preparing Record Drawings. The TOTAL of the bid above represents the total amount the contractor agrees to receive to construct a complete and operational collection and transmission sewer system as shown on the construction plans and bid documents.*

The undersigned hereby certifies that they have read and understand the contents of this solicitation and agrees to furnish at the prices shown any or all of the items above, subject to all instructions, conditions, specifications and attachments hereto. Failure to have read all the provisions of this solicitation shall not be cause to alter any resulting contract or request additional compensation.

Respectfully Submitted,

Name of Firm

Address

Authorized Signature

City

Title

State **Zip Code**

Date Signed

Phone

Email

Corporate Seal

Business Tax Receipt Number

FEIN Number

SECTION 01025
(Addendum 3)
MEASUREMENT AND PAYMENT
FOR ALL UTILITY DEPARTMENT PROJECTS

PART 1 – GENERAL

1.01 GENERAL

Measurement and payment will be based upon work completed and accepted in accordance with the Contract Documents. No separate payment will be made for excavation, trenching, backfilling, compacting, leakage tests, surveying, construction staking or other incidental items of work not shown in the Contract Documents.

1.02 Partial payment for materials in storage at the site of the work or other approved storage site **will not** be made.

1.03 MEASUREMENT

A. Mobilization and Demobilization ~~and Traffic Maintenance and Control~~: Measurement (~~MOT~~) shall be based on the subtotal of bid items cost as shown in 00310-3, Schedule of Bid Items, and determined using the table below. The cost of video-documenting the pre-construction site condition shall be included in the lump-sum cost of mobilization.

| <u>ORIGINAL CONTRACT AMOUNT (\$)</u> | | <u>MAXIMUM AMOUNT</u> |
|--------------------------------------|-------------------------|----------------------------|
| <u>FROM MORE THAN</u> | <u>TO AND INCLUDING</u> | <u>FOR MOB, DEMO. MOT.</u> |
| 0 | 100,000 | 3,000 |
| 100,000 | 500,000 | 15,000 |
| 500,000 | 1,000,000 | 30,000 |
| 1,000,000 | 2,000,000 | 60,000 |
| 2,000,000 | 3,000,000 | 90,000 |
| 3,000,000 | 4,000,000 | 120,000 |
| 4,000,000 | 5,000,000 | 125,000 |
| 5,000,000 | 6,000,000 | 150,000 |
| 6,000,000 | 7,000,000 | 175,000 |
| 7,000,000 | 10,000,000 | 250,000 |

Should the lump sum bid price for the item Mobilization and Demobilization ~~Mobilization, Demobilization & MOT~~ exceed the maximum amount allowed for this item as specified above, the bid price will be reduced to the maximum permissible amount and the reduced price will be used in correctly determining the total price for comparison of bids received.

B. Driveway Bore: Measurement of Driveway Bore shall include equipment, supplies, fuel, labor, sheeting and bracing, excavation, dewatering, backfilling and compaction for installing pipe, mechanical fittings, and restoration. **Driveway Bore payment shall be paid under unit bid price for pipe.**

- C. Lift Station: Construction of a new lift station and valve box with all associated appurtenances and construction of a 6-foot chain link fence with a 12-foot swing gate (or two 2 foot gates) shall be lump sum.
- D. Gravity Sewer: Measurement of gravity sewer shall be for lineal foot for construction in accordance with the plans and specifications, or as directed by the Engineer. The work shall include, but shall not be limited to, cutting of existing pavement where required, dewatering to include well points, excavation, installation of pipe, backfilling, compaction, fittings, and all restoration in kind. The replacement of pavement and roadway restoration shall comply with standards and specifications of the Indian River County Department of Public Works. The services shall be of a type and size specified, and shall be constructed in accordance with these Plans and Specification, or as directed by the Engineer. The depth of gravity sewer for various pay ranges shall be determined by taking the difference between the natural ground or manhole rim elevation, as applicable, and the invert elevation.
- E. Sewer laterals: The quantity to be paid for shall be the number of each (EA) sanitary sewer lateral of each designated size (in inches) and type (single or double) furnished and installed, and shall include all piping, fittings, connections, and other appurtenances to collect and carry wastewater from existing, proposed or future utility customers from a clean-out at the edge of the public easement or right of way to the public sanitary sewer collection main within the street right-of-way or easement. The work shall include, but not be limited to, cutting of existing pavement where required, jack and bore or directional bore under pavement where required, excavation, dewatering, backfilling, testing; installation of marking balls and other required marking and identification materials, all necessary sleeves, fittings and appurtenances to install connections to new or existing mains; and all restoration in kind. When the construction of the building sewer connection is designated on the plans, as is the case here, the unit price bid shall also include the furnishing and installation of the piping, clean-outs, fittings and all else incidental to connect the building sewer with a clean-out and piping to the structure, to the clean-out at the edge of the property line/easement or right-of-way line. Also included is the pump out of the existing septic tank and its demolition as well as the Building Division and Health Department permit fees.
- F. Manholes: The quantity to be paid for shall be the number of each (EA) structure of each designated type completed and accepted, and the number of each (EA) of the structures adjusted, and shall include: clear and grubbing, excavation, dewatering, backfilling, compaction, disposal of surplus material, testing; furnishing and placing of frames and covers; interior coating/lining (bituminous or fiberglass per plan); concrete bench; fittings and other material required for interior or exterior drops; bricking, mudding and grouting; concrete slab tops when necessary; and all incidentals to furnish and install the structures. A separate quantity and pay item will not be included for adjusting existing manhole tops, etc., necessary for minor grade changes (+ 3 inches). This work shall be included in the contract unit price(s) for roadway, sidewalk, pavement and parking area construction. The depth of the manhole to be used for various pay ranges shall be determined by taking the difference between the rim elevation and the invert of deepest sewer.

- G. Concrete Sidewalk and Driveway Replacement: Payment **shall be made under unit bid price for gravity sewer pipe.**
- H. Concrete Encasement: Measurement of concrete for encasement shall be on the basis of the number of cubic yards of concrete installed, except that the maximum allowable quantity of concrete installed shall not exceed the values given below:

| <u>Pipe Size (Inches)</u> | <u>Max. Concrete for Encasement (CY/LF of Pipe)</u> |
|---------------------------|---|
| 6 | 0.09 |
| 8 | 0.10 |
| 10 | 0.11 |
| 12 | 0.12 |

- I. Asphaltic Pavement Replacement: Payment **shall be made under unit bid price for milling, Type SP 9.5 and 12.5 Asphaltic Concrete within the entire width of 64th Ave, 63rd Ct, 63rd Ave, 62nd Ave and a portion of 84th Street under pay items 12, 13 and 15.** Those will be paid under the unit price of square yards and linear feet. Unit price shall include saw-cutting, base and sub-grade materials, compaction, etc.
- J. Restoration: shall be computed based on Linear Feet of pipe installed and include all areas disturbed as a result of Contractor's operations. All disturbed areas shall be grassed. Payment shall include all necessary grading, soil preparation, sodding, fertilizer, mulch, and irrigation.
- K. Unimproved Driveway Replacement: Shall include (dirt, marl, shell, or gravel) driveway replacement/reconstruction removed and replaced as a result of the construction operations. Work shall include subgrade and surface (shell, marl, gravel) materials, compaction, density testing, etc. Unimproved driveway replacement shall be included in the unit cost bid for the gravity sewer main.
- L. Wet Tap: Item shall include the installation / connection of the new or replacement utility main to the existing utility main, manhole or structure (as depicted on the plans), and shall include the cost of the "Tapping Sleeve and Valve" or "Core Saw and Connect" when depicted or called for in the plans, and for all additional work and materials required for the connection including excavation and location of existing utilities, removal of fittings, restraint of existing pipe and fittings, grouting and repairs, all necessary adaptors, gaskets or fittings, connection to the existing utility, disinfection and flushing of the utility, testing (pressure, bac-t, soil compaction, or exfiltration and T.V. testing/lamping, as applicable), means to provide a temporary bypass when noted on plans (pumps, hoses, etc.), installation of temporary jumper and all other necessary work required to make a connection.

When a separate bid item (or items) "Connect to Existing" is listed in the bid form, then the above described work shall be computed as a lump sum cost for the installation / connection of the new or replacement utility main to the existing utility main, at each location depicted in the plans and listed in the bid form.

When a separate bid item "Connect to Existing" is not listed in the bid form, then the above described work shall be included in the unit price bid for that portion of the utility main construction within the project that is benefitting from the connection (the adjacent connected main).

- M. Construction Stake-Out: Measurement of construction stake-out shall be computed as a lump sum item, for all required construction stake-out, including: layout and survey of the proposed construction, setting of stakes as required, necessary computations to establish the exact position of the work, establish reference to baselines, and provide and maintain off-set stakes outside the limits of construction and marked to show offset distance.
- N. Record Drawings/As-built Survey: Measurement of record drawings/as-built survey shall be computed as a lump sum item, for the preparation of "As-built Drawings", including field survey, drawing preparation in "AutoCad", with ties to state plan coordinates, all in accordance with IRCUDS water and wastewater utility standards. The as-built drawings shall be provided certified by a licensed and registered land surveyor.
- O. "Remove" and or "Abandon & Grout" Existing Utilities: The measurement of the "Remove" and/or "Abandonment and Grout" of utility infrastructure shall be computed using linear foot, as measured along the centerline of the pipe "Removed" or "Abandoned and Grouted" and shall include but not be limited to the complete removal of the utility; or the abandonment and fully grouting of the utility mains together with the removal of portions of the utility infrastructure; and all excavation, backfilling, restoration, M.O.T., and all else necessary.

~~P. P.~~—Testing: Payment of testing (TV and exfiltration for gravity sewer & pressure testing for sewer force main) shall be Lump Sum in accordance with the plans and specifications.

Q. Maintenance of Traffic (MOT): Payment shall be computed as a lump sum item for maintaining traffic within the limits of the project for the duration of construction. Contractor shall construct and maintain detours, provide access to residences/businesses, furnish, install and maintain traffic control and safety devices during construction. MOT shall be in accordance with Section 102, FDOT Standard Specifications (latest edition) and the 600 series Indexes of FDOT Design Standards (latest edition).

1.04. PAYMENT

Payment will be made at the respective contract unit and/or lump sum price for each item shown in the Agreement, installed and accepted, which price and payment shall constitute full compensation for performing all work in connection therewith and incidental thereto.

1.05 RESTORATION OF DAMAGED SURFACES, STRUCTURES AND PROPERTY

Where pavement, trees, shrubbery, fences, or other property or surface structures not designated as pay items have been damaged, removed, or disturbed by the Contractor, whether deliberately or through failure to carry out the requirements of the Contract Documents, state laws, municipal ordinances, or the specific direction of the Engineer, or through failure to employ usual and

reasonable safeguards, such property and surface structures shall be replaced or repaired at the expense of the Contractor to a condition equal to that before work began within a time frame approved by the Engineer.

**** END OF SECTION ****



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 (<http://www.dot.state.fl.us/DesignStandards/>), Indices 600. The Manual on Uniform Traffic Control Devices, and Indian River County Typical Drawings, latest editions.
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.

Special Conditions for Right of Way Construction

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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. Field inspection for work zone safety and maintenance of traffic will be coordinated by the Traffic Engineering Division.
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.)

The FDOT Design Standards, Indices 600, 2015 do not include a Traffic Control Plan for a full road closure. 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 600, 2015, the Manual on Uniform Traffic Control Devices, 2009 Edition, and Indian River County Typical Drawings for Signing, Pavement Markings, and Geometrics, latest 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 as 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 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.

Special Conditions for Right of Way Construction

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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 twenty-four (24) 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 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 contractors 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.

Special Conditions for Right of Way Construction

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- 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).