

SECTION 01030

SPECIAL PROJECT PROCEDURES

PART 1 - GENERAL

1.1 SCHEDULE SEQUENCING

- A. Order of Construction: FDOT work (crosswalks and intersections) shall not commence construction until July 8, 2019 following City festivities for the 4th of July. Should Add Alternate #2: Lighting be approved, the schedule and focus should be on this element first, among the other non-pedestrian/vehicular improvements outlined in the drawings, specs, and bid form.
- B. Construction of Intersection(s): No more than one (1) intersection at a time shall be impacted and/or closed for construction. This includes the four (4) intersections identified in the base bid and Add Alternate #2; Atlantic Ave. / SR A1A, Casuarina Rd. / SR A1A, Atlantic Ave. / Gleason St., Atlantic Ave. / Venetian Dr. Sequence, order, and MOT will be at the discretion of the contractor for effectiveness and efficiency. All FDOT approved MOT's shall accommodate vehicular, pedestrian, business owners, and ADA traffic for the duration of each and every intersection detour.

1.2 OBSTRUCTIONS

- A. The attention of the Contractor is drawn to the fact that during digging at the Project site, the possibility exists of the Contractor encountering various water, sewer, petroleum, gas, telephone, electrical or other lines not shown on the Drawings. The Contractor is responsible for obtaining utility locations from the utility owners or utility locate company. The Contractor shall exercise extreme care before and during digging to locate and flag these lines so as to avoid damage to the existing lines. Should damage occur to an existing line, The Contractor shall repair the line at the no cost to the Owner.

1.3 PROVISIONS FOR THE CONTROL OF DUST

- A. Sufficient precautions shall be taken during construction to minimize the amount of dust created. Wetting down the site may be required or as directed by the Engineer to prevent dust as a result of vehicular traffic.

1.4 SALVAGE

- A. Any existing equipment or material, including but not limited to, valves, pipes, fittings, couplings, etc., which is removed or replaced as a result of construction under this project may be designated as salvage by the Engineer or Owner and if so shall be excavated, if necessary, and delivered to the Owner by a location directed by the Owner. Any equipment or material not worthy of salvaging, as directed by the Owner, shall be disposed of by the Contractor at a suitable location.

1.5 MAINTENANCE OF EXISTING WATER AND WASTEWATER FACILITIES OPERATION

- A. The Contractor shall take notice that existing water and wastewater collections and transmission lines are operated in the construction area. It is the responsibility of the Contractor to contact the Owner's utility operator and ascertain the extent of any specific service area.
- B. The Contractor shall fully cooperate at all times with the Owner in order to maintain the operation of the existing facilities with the least amount of interference and interruption possible. Continuous service, public health and safety considerations shall exceed all others and the Contractor's schedule, plans and work shall at all times be subject to alteration and revision if necessary for above considerations.
- C. The Engineer and Owner reserve the right to require the Contractor to work 24 hours per day in all cases where, in their opinion, interference with operation of the system may result.
- D. In no case will the Contractor be permitted to interfere with the existing system until all materials, supplies, equipment, tools and incidentals necessary to complete the interfering portion of the work are on the site. All existing utilities shall be potholed prior to construction of conflicting piping.

1.6 UTILITY CROSSINGS

- A. It is intended that wherever existing utilities such as water, chemical, electrical or other service lines must be crossed, deflection of the pipe within recommended limits and cover shall be used to satisfactorily clear the obstruction unless otherwise indicated on the Drawings. However, when in the opinion of the Owner or Engineer this procedure is not feasible he may direct the use of fittings for a utility crossing as detailed on the Drawings. All existing utilities shall be potholed prior to construction of conflicting piping.

1.7 CONNECTIONS TO EXISTING SYSTEMS

- A. The Contractor shall perform all work necessary to locate, excavate and prepare for connections to the terminus of the existing mains all as shown on the Drawings or where directed by the Owner. The cost of this work and for the actual connection of the existing mains shall be included in the bid price for the pipe installation and shall not result in any additional cost to the Owner.

1.8 RELOCATIONS

- A. The Contractor shall be responsible for the relocation of structures, including but not limited to light poles, signs, sign poles, fences, piping, irrigation conduits and drains that interfere with the positioning of the work as set out on the Drawings. The cost of all such relocations shall be included in the bid for the project and shall not result in any additional cost to the Owner.

1.9 WARRANTIES

See Section 7, General Terms and Conditions.

1.10 HURRICANE PREPAREDNESS PLAN

- A. Within thirty days of the date of Notice to Proceed, the Contractor shall submit to the Engineer and Owner a Hurricane Preparedness Plan. The plan should outline the necessary measures which the Contractor proposes to perform at no additional cost to the Owner in case of a hurricane warning. The plan shall detail these measures with specific action items defining responsible personnel.
- B. In the event of inclement weather, or whenever Engineer shall direct; Contractor will cause Subcontractors to protect carefully the Work and materials against damage or injury from the weather. If, in the opinion of the Engineer, any portion of Work or materials shall have been damaged or injured by reason of failure on the part of Contractor or any Subcontractor to so protect the Work, such Work and materials shall be removed and replaced at the expense of the Contractor.
- C. The construction of this project will occur during hurricane season. Should Delray Beach be issued a Hurricane Warning, the contractor will be responsible for a complete demobilization (including all equipment to be removed). SR A1A and Atlantic Avenue are Hurricane Evacuation Routes, should a Hurricane Warning be issued, the contractor must immediately make all active construction areas of crosswalks and intersections safe for travel and vehicular evacuations, utilizing temporary but FDOT appropriate methods. Demobilization will remain in effect until it is deemed safe to return to the project site(s) by City officials. Contractor shall submit an Emergency/Hurricane SOP as a shop drawing for approval. No additional payment shall be approved to the Contractor for this work (if enacted).

1.11 EQUIPMENT, TESTING & INSPECTION

- A. Regardless of the number of days specified in the individual sections for the manufacturer's representative to be present on the site for inspection and testing, if the equipment fails to perform as specified then the representative shall remain on site until the malfunction is corrected and the Owner received specified days of inspection or testing.
- B. The cost for the additional days required shall not be added to the cost of the Owner, but shall be to the account of the Contractor.
- C. Vendors shall DEMO the proposed equipment for a period of 14 days to verify that the equipment can perform as intended (vactor the drainage dry wells). If the equipment cannot perform the intended tasks, the City will not be required to procure the equipment nor pay for the DEMO, unless modified and proven that the equipment can indeed perform the task as intended.
- D. Testing to occur at project site in Delray Beach.

1.12 ADJACENT PROPERTY OWNER NOTIFICATION

- A. The Contractor shall prepare a written notice to property owners adjacent to the project work site notifying them of the schedule of work affecting them and anticipated inconveniences they may expect. The notice shall meet the approval of the Engineer and be delivered to property owners at least 72 hours prior to construction adjacent to their property. This notice shall indicate the work to be performed, the time it will take to perform the work, and the time when the water service to the property owner will be disrupted.

1.13 RIGHTS-OF-WAY

- A. The Contractor shall not do any work that would affect any oil, gas, sewer, or water pipeline; any telephone, telegraph, or electric transmission line; any fence; or any other structure, nor shall the Contractor enter upon the rights-of-way involved until notified by the Engineer that the Owner has secured authority therefore from the proper party. After authority has been obtained, the Contractor shall give said party due notice of its intention to begin work, if required by said party, and shall remove, shore, support or otherwise protect such pipeline, transmission line, ditch, fence, or structure or replace the same. When two or more contracts are being executed at one time on the same or adjacent land in such manner that work on one contract may interfere with that on another, the Owner shall determine the sequence and order of the work. When the territory of one contract is the necessary of convenient means of access for the execution of another contract, such privilege of access or any other reasonable privilege may be granted by the Owner to the Contractor so desiring, to the extent, amount, in the manner, and at the times permitted. No such decision as to the method or time of conducting the work or the use of territory shall be made the basis of any claim for delay or damage, except as provided for temporary suspension of the work in Article 15 of the General Conditions of the Contract.

1.14 PROTECTION OF STREET OR ROADWAY MARKERS

- A. The Contractor shall not destroy, remove, or otherwise disturb any existing survey markers or other existing street or roadway markers without proper authorization. No pavement breaking or excavation shall be started until all survey or other permanent marker points that will be disturbed by the construction operations have been properly referenced for easy and accurate restoration. It shall be the Contractor's responsibility to notify the proper representatives of the Owner of the time and location that work will be done. Such notification shall be sufficiently in advance of construction so that there will be no delay due to waiting for survey points to be satisfactorily referenced for restoration. All survey markers or points disturbed by the Contractor without proper authorization by the Engineer, will be accurately restored by the Owner at the Contractor's expense after all street or roadway resurfacing has been completed.

1.15 HOLIDAYS

- A. No work to be conducted on City Holidays in conjunction with the outlined construction schedule. This includes Memorial Day, Independence Day, or Labor Day.
- B. Contractor must demobilize from the project site(s) from July 2nd – July 5th, 2019 to allow for City preparations for City festivities for the 4th of July. All equipment must be removed from the project site(s) and staging area(s) for the safety of all visitors to the beach area. Any equipment left at the staging area must be fenced, protected, and secured and the City is not responsible for any damage to equipment. No additional payments shall be approved to the Contractor for this work.

1.16 PUBLIC OUTREACH

- A. Public Outreach and a website shall be created and included in the construction costs. Public Outreach efforts and the website shall be updated monthly to include project progress and information regarding road closures, impacts to parking and traffic flow, and important details.

PART 2 - PRODUCTS

NOT USED

PART 3 -

EXECUTION

NOT USED

END OF SECTION 01030