

SECTION 01010
SUMMARY OF WORK

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Project Work covered by Conformed Project Manual.
- B. Limits of Work Area.
- C. Preconstruction Videotaping
- D. Sequence of Construction.
- E. Contract Drawings and Specifications.
- F. Construction Sequence and Maintenance of Owner Operations.

1.02 RELATED SECTIONS

- A. General Conditions
 - 1. Article 4; Paragraph 4.01, Availability of Lands.
 - 2. Article 6; Paragraph 6.08, Permits.
 - 3. Article 6; Paragraph 6.11, Use of Site and Other Areas.
 - 4. Article 7; Paragraph 7.01, Related Work at Site

1.03 PROJECT WORK COVERED BY CONFORMED PROJECT MANUAL

- A. This Project shall consist of:
 - Project 17-1: work shall consist of reconstructing Ontario Avenue from 4th Street to 8th Street and mill and overlay from 8th Street to 11th Street.
 - Project 17-2: work shall consist of constructing a boat launch and parking lot at the intersection of 5th Street with Ontario Avenue.

Work shall include but not limited to: stormwater pipe and inlets, tack coating, base repairs, base and wearing course asphalt, saw cutting, traffic control, site clearing, grading and cleaning, utility boxes/valves and manhole adjustments, concrete curbs, sidewalks, aprons and ADA ramps, seam sealing, tree and stump removal, pavement notches, street signs, rain garden, lighting, riprap, pavement markings, landscaping, signage, benches, picnic tables, erosion and sediment control measures and all necessary appurtenances and site restoration. Project to be built to 2010 ADA standards.

- B. The Contract scope includes all work described in this contract that is necessary to provide a fully functioning system as described in the Conformed Project Manual.
- C. Perform Work under a Lump Sum Contract with Owner.
- D. Perform Work under a combined Lump Sum and Unit Price Contract with Owner. Several unit price bid items are included as contingent items and may be required at the direction of the Engineer.
- E. Work not specifically identified on the Contract Drawings or in the Bid Item Description pages, but required in the Conformed Project Manual, shall be performed as specified.

1.04 LIMITS OF WORK AREA

- A. Confine construction operations within the Contract Limits and Limits of Disturbance. No work shall be permitted outside the Borough property boundaries. No equipment and materials shall be stored, and sheds or storage trailers shall be placed outside of the Contract Limits.

1.05 PRECONSTRUCTION VIDEOTAPING

- A. Contractor shall provide two copies of digital video documentation on a memory stick, CD or DVD for the entire project area including the interior and exterior of neighboring properties. Engineer must possess video documentation prior to the first payment application. Still photographs are not acceptable. When video does not sufficiently exhibit existing conditions prior to construction, the Owner and Engineer shall determine restoration needed.

1.06 CONSTRUCTION PERMITS FROM GOVERNING BODIES, UTILITIES, AUTHORITIES AND/OR AGENCIES

- A. The Borough has obtained the following necessary permits from those governing bodies, authorities and/or agencies having jurisdiction over land areas, utilities or structures which are located within the Contract:
 - 1. Erosion and Sediment (E&S) Control Plan
 - 2. PADEP Submerged Lands License Agreement (SLLA) (#E18-502)
 - 3. PADEP Water Obstruction and Encroachment Permit (WOEP) #E18-502
- B. Copies of these Permits shall be made available to the Contractor. When construction permits are accompanied by regulations or requirements issued by a particular body, utility, authority and/or agency, it shall be Contractor's responsibility to familiarize himself and comply with such regulations or requirements as they apply to his operations on this project.
- C. Contractor shall furnish to Engineer three (3) copies of all construction permits, regulations and requirements from regulating governing bodies, utilities, authorities and/or agencies.
- D. Should any regulating governing body, utility, authority and/or agency direct Contractor to proceed in a manner which is inconsistent with this Conformed Project Manual, Contractor shall notify Engineer prior to proceeding.

1.07 SEQUENCE OF CONSTRUCTION

- A. General Requirements: The Contractor is responsible to determine the detailed Sequence of Construction. Work may need to be coordinated with another Contractor in the 5th Street vicinity for both projects.

1.08 SCOPE OF WORK - GENERAL

- A. The Work to be completed under this Contract consists of furnishing all equipment, labor, and materials and performing all work as necessary and/or required to complete the Work as set forth on the Contract Drawings and in accordance with the Conformed Project Manual. The Work to be completed includes, but is not limited to all work as specified in all of these Specifications and as shown on the Contract Drawings. The Contractor shall examine all the Contract Drawings and Detailed Technical Specifications for equipment, labor, materials, etc. to be furnished under the Construction Contract.

PART 2 PRODUCTS

- A. ADA curb ramps shall use red detectable warning surface tactical units where the color of the tactile unit is uniform throughout. Tactile units shall be manufactured by ADA Solutions, Inc. (ADATILE.com) or approved equal and be installed per the manufacturer instructions and specifications.
- B. Street signs shall be 3" aluminum black decorative sign posts and include signs, bases, arms, finials, posts, frames, fluted poles and concrete foundations. Sign posts shall be ±8' above ground and sign example 3F as manufactured by Capital Streetscapes (capitalstreetscapes.com) or approved equal, and installed per the manufactures instructions and specifications.

- C. Alley and boat launch signs shall be 2" 14 gauge galvanized square sign posts that have 7/16" holes on 1" centers the full length of the post and include signs, bases, arms, posts, frames, poles, and foundations. The signs shall be used with 3' base posts to create a break away system. Sign posts shall be ±8' above ground, manufactured by Signs Direct (signsdirect.com) or approved equal, and installed per the manufacturer's instructions and specifications.
- D. Street and alley signs shall be 6" x 36" two-sided, and use alphabetic characters.
- E. Sidewalk trench drains shall be black, class B and product 164 as manufactured by Polylok or approved equal, and installed per the manufactures instructions and specifications.
- F. Inlets shall be either precast or cast-in-place and constructed according to PennDOT Pub-72M Roadway Construction (RC) Standards.
- G. Boat launch site signs shall be manufactured by Campground signs (campgroundsigns.com) or approved equal.
- H. Permeable grass paving shall be GEOBLOCK Vegetated Porous Pavement as manufactured by Presto Geosystems (prestogeo.com) or approved equal and installed per the manufacturer's instructions and specifications.

PART 3 EXECUTION

3.01 CONSTRUCTION SEQUENCE AND MAINTENANCE OF TRAFFIC

- A. Contractor may close those portions of Ontario Avenue with active construction at the project sites. The Contractor shall place warning signs at the site approaches and at the nearest intersections to provide advance notice.
- B. All materials and equipment necessary to install the Work necessitating the closure must be on site and ready for installation before notifying the Owner of the anticipated shutdown.
- C. Contractor shall limit road closures to the minimum duration practicable. The Contractor will maintain a record of the date, time, and duration of all closures throughout the performance of the Work and will submit this record monthly to the Engineer along with its periodic estimates for payment.
- D. Should the Contractor require major adjustments to the scheduling of the Work, these will be planned in advance at scheduled Project meetings during which representatives of the Owner and the Contractor will coordinate the work elements in such a way as will best meet the Owner's needs.
- E. The Contractor will note that the Work involves modifications to and the demolition of existing facilities and structures, which due to the nature of the various items of the Work, must be completed, in some instances, in sequence with one another due to the physical requirements of the Work.
- F. Should the Contractor's operations permanently damage any existing facilities and render them unavailable for continued use, the Contractor shall take immediate action to furnish, install, and place into operation alternate equivalent facilities at that time. In either case, the Contractor shall pay the costs for these repairs or additional costs for operation of alternate facilities for a period of time longer than planned.
- G. In administering this Contract, the Owner intends to exercise discretion in a reasonable and equitable manner to protect its interests and to promote timely and proper completion of the Work of this Contract. Should any disputes arise with respect to the coordination of the Work of this Contract and that of the Owner's operations, which requires settlement, the Engineer's decision will be final.
- H. The anticipated Award date is **June 14, 2017**.
- I. The anticipated Notice to Proceed date is on or around **June 19, 2017**.

END OF SECTION