

## Technical Specification 007

### PROJECT SUBMITTALS

#### 1.0 General

- a) The intent of this specification is to provide guidance to the utility contractor on the project submittal process.
- b) For Brunswick County Capital Improvement Program (CIP) projects, Article 10 of the Brunswick County General Conditions of the Contract provides guidance on the project submittal process, and the utility contractor shall comply with the General Conditions for the submittal process. Article 10 of the General Conditions of the Contract is fully incorporated herein by reference.

#### 2.0 Submittals

- a) Submittals are defined as shop drawings, diagrams, illustrations, schedules, performance charts, technical specification sheets, sewer pump curves, brochures, and other data prepared and submitted for review and approval by the utility contractor for the project.

#### 3.0 Submittal Procedures

- a) All submittals shall be delivered to the Engineer by the utility contractor. The Engineer will review the submittals and certify they meet or exceed County requirements. The number of required copies to be submitted will be determined by the Engineer with a minimum of three (3) – one set will be retained by the Engineer and the remaining two sets will be given back to the utility contractor and the County after review and approval by the Engineer.

#### 4.0 Shop Drawings

- a) Shop drawings shall show the principal dimensions, weight, structural and operating features, performance characteristics, wiring diagrams, space required, clearances, type and/or brand of finish or shop coat, grease fittings, etc., depending on the subject of the drawing. When it is customary to do so, or when the material dimensions are of particular importance or when so specified, the drawings shall be certified by the manufacturer or fabricator as correct.
- b) When so specified or if considered by the Engineer to be acceptable, manufacturer's specifications, catalog data, descriptive matter, illustrations, etc., may be submitted for review in place of shop and working drawings. In such case, the requirements shall be as specified for shop and working drawings, insofar as possible.

- c) The utility contractor shall be responsible for the prompt submission of all shop and working drawings in accordance with the project schedule to prevent delay to the commencement of work due to the absence of such drawings.
- d) No material shall be purchased or fabricated until the required shop drawings and associated submittals have been submitted, reviewed, and approved by the Engineer.

#### **5.0 Developer Installed Infrastructure**

- a) The developer's Engineer shall be responsible for ensuring the contractor utilizes materials that meet the County's technical specifications and standard details for water and sewer infrastructure that is permitted in the County's name.
- b) County staff reserves the right to reject any material deemed unfit or not meeting County standards.

#### **5.0 Certifications and Tests**

- a) Two copies of certifications and reports of tests, when required under the various sections of the Contract Documents, shall be submitted to the Engineer.
- b) The utility contractor shall provide the originals of all bacteriological testing results for water mains to the County.