

SECTION 02403 – SANITARY SEWER ENCASEMENT

PART 1 – GENERAL

1.1 DESCRIPTION

- A. The WORK under this Section includes providing all labor, materials, tools and equipment necessary to
 - 1. Install reinforced concrete for furnishing and installing sanitary sewer pipe (except laterals) that cross above the grade of water pipe, as shown on the Drawings and CBJ Standard Detail 215 – Sanitary Sewer Encasement, or as directed by the ENGINEER, or
 - 2. Replace the length of sanitary sewer otherwise required to be encased with ductile iron pipe.

PART 2 – PRODUCTS

2.1 MATERIALS

- A. Materials shall be as specified in Section 2601 – Water Pipe, and Section 03302 – Concrete Structures.

PART 3 – EXECUTION

3.1 GENERAL

- A. When a water pipe crosses a sanitary sewer pipe, services and laterals excluded, a minimum of 18 inches of vertical separation shall be provided. When the water pipe crosses below the sanitary sewer pipe, the sanitary sewer pipe shall be either placed in a reinforced concrete encasement, or replaced with ductile iron pipe with encased joints.
- B. Reinforced concrete encasement of sanitary sewer pipe shall be poured monolithically and shall extend the full length of the sanitary sewer pipe between points ten feet each side of the water pipe, measured perpendicular to the water pipe, as shown in the CBJ Standard Detail 215 – Sanitary Sewer Encasement.
- C. In lieu of paragraph 3.1A., the affected length of sanitary sewer pipe may be replaced with ductile iron or C900 PVC pipe of the same size, laid to the same line and grade.

END OF SECTION