

**ITEM 603.9825--25 - EXTENSION CONNECTION TO EXISTING DRAINAGE SYSTEM**

**1. DESCRIPTION:**

- 1.01 Under this item the Contractor shall make connections to the existing drainage system, where shown on the plans or where ordered by the Engineer, for the purpose of extending culverts.

**2. MATERIALS:**

- 2.01 Concrete shall be Class A meeting the requirements of Section 555.
- 2.02 Grout for anchoring dowels shall meet the requirements of Section 701-05.
- 2.03 Dowels shall conform to Section 709-01.
- 2.04 Others as shown on the plans.

**3. CONSTRUCTION DETAILS:**

- 3.01 The Contractor shall excavate the area as necessary, construct the connection and backfill the area as detailed on the plans.

The work will be executed in a manner which will not cause damage to any part of the existing drainage system that is to remain. Any pipe, catch basin, headwall or other appurtenances that are so damaged or disturbed shall be replaced in kind and reset (pipes, frames and grates) or repaired (CB, DI & HW) at the Contractor's expense.

- 3.02 Should the existing structure be deteriorated, the detail may have to be modified A.O.B.E. to provide a sound connection.

**4. METHOD OF MEASUREMENT:**

- 4.01 The quantity to be paid for under this item will be the number of connections constructed in accordance with the plans or as directed by the Engineer.

**5. BASIS OF PAYMENT:**

- 5.01 The Unit price bid per each connection shall include the cost of furnishing all necessary labor, materials and equipment to prepare the area, construct forms, drill holes, furnish and install dowels, install new pipe and place concrete collar. Excavation, backfill, and specified pipe materials will be paid for under appropriate items as shown on the plans.