

SECTION 33 39 14.01

**CONNECTION OF NEW LINES TO EXISTING MANHOLES**

**PART 1 - GENERAL**

**1.1 DESCRIPTION**

- A. This item shall govern for the connecting of new sewer lines to existing manholes, where so indicated on the Plans or as directed by the Engineer.

**1.2 MEASUREMENT AND PAYMENT**

- A. Connecting new sewer lines to existing manholes will be paid for at the unit price bid in the Proposal for each connection made. The price will be full remuneration for making the connection complete, including cutting the hole in the manhole, shaping the bottom of the manhole of necessary, grouting the pipe and including the furnishing of all equipment, labor, materials, power, tools, and incidentals necessary to complete the work, except the pipe.

**PART 2 – PRODUCTS**

N/A

**PART 3 – EXECUTION**

**3.1 GENERAL**

- A. Where new sewer lines are to be connected to existing manholes, holes of the proper size and at the proper location shall be cored into the existing manholes. Where it is necessary to provide a smooth flow through the manhole, the bottom of the manhole shall be shaped to conform to the bottom of the pipe as directed by the Engineer.
- B. Other methods in lieu of coring may be used and should be discussed with the City Engineer prior to performing. The City Inspector should be notified at the beginning of either of these processes.
- C. If the manhole can not satisfactorily be cored due to its condition, a hole shall be cut into the existing manhole. The sewer pipe shall be inserted into the hole cut in the manhole so that the end of the pipe will be flush with the inside of the manhole and the pipe shall be made smooth and water-tight with a Type "A" mortar.

**END OF SECTION**