

60100XXX PIPE DRAINS (LCDOT) For use on LCDOT let projects only - do not include in IDOT let projects. Delete this note from the Contract Specifications.

Effective: January 1, 2007

Revised: March 3, 2016

Description: This work shall consist of constructing pipe drains of the required inside diameter.

Materials: The pipe drain materials shall meet the requirements of Article 601.02(a) of the "Standard Specifications" except that:

The pipes shall be limited to:

- (5) Polyvinyl Chloride (PVC) pipe [1040.03(a)]
- (6) Corrugated Polyvinyl Chloride (PVC) pipe with a smooth interior [1040.03(d)]
- (8) Corrugated Polyethylene (PE) Pipe with a Smooth Interior [1040.04(a)]

General: The work shall be performed according to Section 601 of the "Standard Specifications" and the following:

The work shall include constructing pipe drains to replace and/or relocate existing drainage lines (field tiles, sump pump outlets, etc...) encountered during construction.

The work shall also include providing a drainage outlet for traffic signal and/or interconnect handholes when in the opinion of the Engineer the additional drainage is required. The handhole drainage pipe shall extend from the handhole and outlet in a drainage ditch or drainage structure.

Pipe drains emptying into a drainage ditch shall be fitted with a concrete collar as shown on Lake County Division of Transportation standard LC6020 (section A-A). The rodent shields shown on LC6020 shall also be included.

Pipe drain connections to handholes and/or drainage structures shall be made as on Lake County Division of Transportation standard LC6020 (Detail C).

Method of Measurement: Contingency quantities of 4" and 6" pipe drain have been included in this contract so that if drainage lines are encountered, and/or handhole drainage is required by the Engineer, a unit price will have been established for this work. Pipe drains shall be measured in place, in feet, of actual pipe installed.

Basis of Payment: This work will be paid for at the contract unit price per foot for PIPE DRAINS of the size specified. *Payment will be based on the actual length of pipe installed without a change in unit price because of adjustment in plan quantities, and no extra compensation will be allowed for any delays, inconveniences or damage sustained by the Contractor in performing the work. The unit price shall include all materials, equipment and labor required to install the pipe drains, including concrete collars and rodent shields for ditch/side slope outlets; and drilling and grouting for connections to culverts, drainage structures and/or handholes.*