

SECTION 602 CATCH BASIN, MANHOLE, INLET, DRAINAGE STRUCTURE, AND VALVE VAULT CONSTRUCTION, ADJUSTMENT, AND RECONSTRUCTION

(LCDOT) For use on LCDOT & IDOT let projects with proposed drainage structures and/or drainage structure adjustment/reconstruction. Delete this note from the Contract Specifications.

Effective: October 17, 2016

Revised: January 25, 2019

Description: This work shall consist of constructing, adjusting, or reconstructing catch basins, manholes, inlets, or valve vaults, with frames and grates or lids, and constructing drainage structures with frames and grates.

General: The work shall be performed according to Section 602 of the "Standard Specifications" and the following:

Precast concrete adjustment rings and/or common brick shall not be used within Lake County right-of-way to adjust or reconstruct catch basin, manhole, inlet and valve vault structures. The Contractor may use Expanded Polypropylene (EPP), High Density Expanded Polystyrene, High Density Polyethylene (HDPE) or Recycled Rubber adjusting rings. The Contractor shall comply with the maximum adjustment height limit specified for each material. No additional compensation will be allowed for reordering rings of a different material to meet the adjustment height required. The cost of furnishing and installing adjustment rings shall be included in the unit price for each proposed adjusted or reconstructed structure.

To accommodate topsoil placement all type 8 grates installed on flat slab tops shall be adjusted to the plan grade with a minimum of 4" of adjusting rings. The cost of furnishing and installing adjustment rings shall be included in the unit price for each proposed drainage structure.

The cost of connecting existing storm sewer to proposed structures shall be included in the unit cost of the proposed structure. Additional pipe required to complete the connections will be paid for at the contract unit price for "STORM SEWER" of the type, size and class required

All frames with closed lids to be furnished as part of this contract, for the construction, adjustment or reconstruction of manholes, catch basins, inlets, valve vaults, or meter vaults shall have cast into the lid one of the following words: Lids for storm sewer structures shall bear the word STORM. Lids for sanitary sewer structures shall bear the word SANITARY. Lids for water system structures shall bear the word WATER. Additionally, open grates or lids shall include the wording DUMP NO WASTE, DRAINS TO WATERWAYS. This work shall be included in the unit cost of the structure being constructed, adjusted or reconstructed.

Basis of Payment: This work will be paid for according to Article 602.16 of the "Standard Specifications".