

## **SECTION 602 RESTRICTED DEPTH DRAINAGE STRUCTURES (LCDOT)**

Effective: June 9, 2011

Revised: May 21, 2014

**Description:** This work shall consist of constructing restricted depth manholes, catch basins and inlets with a specified frame and grate/lid at locations identified on the plans.

**Materials:** The materials shall meet the requirements of Article 602.02 of the "Standard Specifications".

**General:** The work shall be performed according to Section 602 of the "Standard Specifications"; the applicable IDOT Highway Standard(s) for the drainage structure type (manhole, catch basin or inlet); the IDOT Highway Standard Drawing 602601 [flat slab top] and the following:

- *The reinforced concrete slab shall be used in lieu of the cone section.*
- *A 24" sump shall be provided in a Catch Basin.*
- *For structures having Type 8 grates, a 24" inside diameter by 4" (minimum) high riser shall be installed on the flat slab to provide earth cover over the slab for vegetation.*

**Method of Measurement:** This work will be measured per each of the type drainage structure installed. *Drainage structures of like type, size and frame and grate/lid will be counted under the same pay item regardless of whether a cone section (regular) or flat slab (restricted depth) top is used.*

**Basis of Payment:** This work will be paid for at the contract unit price per each for MANHOLES, CATCH BASINS or INLETS, of the type and diameter specified, and with the frame and grate or frame and lid specified. *The unit price shall include all equipment, labor and materials to install the drainage structure. No additional compensation will be made for drainage structures constructed as restricted depth.*