

## X0320050 CONSTRUCTION LAYOUT (SPECIAL) (LCDOT)

Effective: May 15, 2017

**Description:** This work shall consist of locating existing pavement markings prior to their removal and laying out the pavement markings in the same location and/or modified locations as shown on the plans or directed by the Engineer.

**General:** The Contractor shall provide the necessary field forces and equipment required to locate and layout the pavement markings for the project.

Prior to the removal of the existing pavement markings by milling, grinding or other removal method the Contractor shall locate every pavement marking within the project limits of construction. The locate shall include all lines i.e. edgelines, lanelines, centerlines, medians, diagonals etc., and letters & symbols. The Contractor shall locate the beginning, ending and any bend points for each line. Additionally, for longer lines the Contractor shall locate intermediate points at a maximum interval of 300 feet on tangent lines and at a maximum interval of 150 feet on curved lines.

The locations shall be collected with GPS and referenced to the Illinois State Plane Coordinate System NAD83(2011). In areas where GPS observations are unattainable, remote traverse points may be placed and used for collecting location data and layout with a total station. The traverse point locations shall also be obtained using GPS observation referenced to the Illinois State Plane Coordinate System.

The Contractor shall layout the existing markings using the collected data except for markings modified by the plans and/or as directed by the Engineer.

Traffic control and protection required to safely locate and layout the pavement markings will not be paid for separately but will be included in the project pay item for TRAFFIC CONTROL AND PROTECTION, SPECIAL.

**Basis of Payment:** This work will be paid for at the contract lump sum price for CONSTRUCTION LAYOUT (SPECIAL). *The unit price shall include all equipment, materials and labor required to pick up and layout the pavement markings.*