

Z0018911 DRILL AND GROUT #6 TIE BARS (LCDOT)

Effective: August 1, 2011

Revised: May 19, 2014

Description: This work shall consist of furnishing and placing tie bars between existing concrete pavement and new concrete curb and gutter or new concrete median.

Materials: The tie bars shall meet the requirements of Article 1006.11 of the "Standard Specifications".

General: The work shall be performed according to Section 606 of the "Standard Specifications", IDOT Standard Drawing 606001, IDOT Standard Drawing 420001 and the following:

Tie bars shall be installed to tie together the longitudinal construction joint between the existing concrete pavement and the replacement curb and gutter to be constructed abutting the pavement. The work shall include drilling the existing concrete pavement to accept the tie bars, furnishing 24 inch long epoxy coated #6 tie bars, and grouting the tie bars into the existing pavement. The bars will be spaced 24" on center.

Depending on the length of the curb and gutter to be replaced and the condition of the concrete pavement, the Engineer shall determine if tie bar installation will be required.

Method of Measurement: Tie Bars will be measured for payment in place and the actual number of bars installed counted.

Basis of Payment: This work will be paid for at the contract unit price per each for TIE BARS. *The unit price shall include all equipment, labor and materials required to install the tie bars.*