

ITEM 635.0401--25 - MISCELLANEOUS GRINDING OF CONCRETE, ASPHALT OR ASPHALT OVERLAY FOR RECESSING THERMOPLASTIC STRIPES

1. DESCRIPTION:

- 1.01 This work shall consist of furnishing the equipment and performing the grinding of concrete, asphalt or asphalt overlay for recessing thermoplastic stripes for Toll Island cross walks. The area to receive the stripes shall be ground to a depth of 50± mils 20± mils. The grinding shall extend one (1) inch on the narrow leading and trailing edges in order to ensure that the recess is at full depth when the thermoplastic stripes are placed.

2. MATERIALS:

- 2.01 **Equipment** – Equipment, as deemed appropriate by the Engineer to perform the grinding work, shall be supplied by the Contractor.
- 2.02 **Disposal of Materials** – Materials removed during the grinding process shall become the property of the Contractor and shall be disposed of by the Contractor.

3. CONSTRUCTION DETAILS:

- 3.01 Grinding shall be performed at all cross walk locations and in accordance with the details in the Proposal.
- 3.02 All ground-off material shall be immediately removed from the ground surfaces and adjacent surfaces. Surfaces shall be cleaned of all fines and dust prior to the subsequent placement of thermoplastic stripes.

4. METHOD OF MEASUREMENT:

- 4.01 Grinding will be measured as the number of feet of grinding performed. It is assumed that the width of the grinding will be 12 inches. In those cases, if any, where the width of the thermoplastic stripes to be placed in the ground recesses exceeds 12 inches, grinding will be measured as:

$$\frac{\text{Plan width of striping (Inch) x length of grinding (Feet)}}{12 \text{ Inches}}$$

5. BASIS OF PAYMENT:

- 5.01 The unit price per foot shall include the cost of all labor, materials and equipment necessary to satisfactorily complete the work. The cost of cleaning and drying the ground surfaces shall be included in the price bid.