

ITEM 615.0598 24 - MOWING LIMITS MARKERS

DESCRIPTION. This work consists of furnishing mowing limit markers and installing them in accordance with the contract documents or as directed by the Engineer.

MATERIALS. Mowing limit markers shall be any commercially available glass fiber reinforced polyester stakes with reflective tape wrapped around the top of the stakes.

Glass Fiber Reinforced Stakes. Stakes shall be manufactured with UV inhibitors and shall not crack at temperatures as low as -30°C. Tubular stakes shall be sealed on top with a cap or similar method.

Dimensions of tubular stakes

Approximate Width: 7.9 mm (OD)
4.8 mm (ID)
1.5 mm (wall thickness)

Approximate Length: 1.83 m

Color: Color shall be within range of colors commonly referred to as olive drab green.

Note: Solid glass fiber stakes which have the same length and color may be substituted with the approval of the Engineer.

Reflective Tapes. Material shall be reflective safety tape rated for 5 to 7 years of outdoor life meeting ASTM specifications D4596-01. Tape shall be 50 mm wide, reflective red tape, and 50 mm wide reflective yellow tape.

CONSTRUCTION DETAILS.

Mowing limit markers shall be installed plumb to a depth of 0.46 m in accordance with the manufacturer's instruction. The mowing limits markers shall have red reflective tape to identify "NO MOW" zones and yellow reflective tape to identify "ANNUAL MOW" zones. There shall be two contiguous rows of reflective tape wrapped around the top of the stake and two contiguous rows of reflective tape wrapped 0.5 m below the top of the stake. The mowing limits shall be permanently delineated by installing the marker plumb with approximately 1.37 m showing above the ground and 0.46 m below ground.

Inspection. After installation of the mowing limit markers, the Engineer will inspect for proper location, line, and installation. All defects shall be corrected by the Contractor to the satisfaction of the Engineer and the cost thereof shall be included in the Contractor's unit bid price.

Damage. The contractor shall care for the mowing limit markers until the final acceptance of the contract. All damaged markers shall be repaired or replaced at no additional cost to the satisfaction of the Engineer.

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METHOD OF MEASUREMENT. Mowing limit markers will be measured as the number of complete markers with reflective safety tape satisfactorily furnished and installed.

BASIS OF PAYMENT. The unit price bid shall include the cost of all labor, materials, equipment and incidentals necessary to satisfactorily complete the work.

DISAPPROVED BY EI 12-001