

XX008865 PERMEABLE PLASTIC BERM (LCDOT) For use on all LCDOT projects. Select the appropriate check box(s) below. Delete this note from the Contract Specifications.

Effective: November 1, 2009

Revised: May 20, 2014

Description: This work shall consist of furnishing, installing, and removing a permeable plastic berm. The plastic berm may be used in conjunction with erosion control mat, sediment bags and other components of a water treatment train and/or as a temporary ditch check while establishing final landscaping.

For this project the Permeable Plastic Berms shall be used for:

- A component of a water treatment train*
- A temporary ditch check while establishing final landscaping*

Materials: The permeable plastic berm shall be constructed of High Density Polyethylene (HDPE) with a UV inhibitor. The permeable plastic berm shall have 35-40% porosity. The berm shall be a minimum of 8¾" tall.

General: The work shall be performed according to Section 280 of the "Standard Specifications", and the manufacturer's recommendations.

Water Treatment Train:

The permeable plastic berm shall be used in conjunction with the erosion control mat, flocculation powder and other components to form a water treatment train as directed by the Engineer. The permeable plastic berm shall become the property of the Contractor upon the dismantling and removal of the water treatment train.

Temporary Ditch Check:

The permeable plastic berm shall be used as a temporary ditch check in ditch lines where the erosion control blanket has been placed and the seeding operations performed. The permeable plastic berms shall be placed in the locations of the Temporary Ditch Checks and/or as directed by the Engineer. Their installation shall be according to the detail shown on the plans and the manufacturer's recommendations. After the final landscaping has been established to the satisfaction of the Engineer the permeable plastic berm shall be removed by the Contractor. The permeable plastic berm shall become the property of the Contractor upon removal.

Method of Measurement:

Water Treatment Train: *The permeable plastic berm will be measured for payment in feet for the actual length used in a water treatment train.*

Temporary Ditch Check: *The Permeable Plastic Berm will be measured in place and the length calculated in feet for each permeable plastic berm actually installed.*

Basis of Payment: This work will be paid for at the contract unit price per foot for PERMEABLE PLASTIC BERM. *The unit price shall include all labor, equipment and materials necessary for the installation and removal of the plastic berm regardless of use. When used in a water treatment train the maintenance of this item shall be included as part of the unit price for EROSION CONTROL MAT. When used as a temporary ditch check the maintenance of this item shall be included with and paid for as part of the contract lump sum price for MAINTENANCE OF TEMPORARY EROSION CONTROL SYSTEMS.*