



**SPECIAL PROVISIONS  
FOR  
RAIN GARDEN AGGREGATE BASE LAYER**

**STORY County**

**STP-U-0155(688)--70-85**

**Effective Date**

**January 21, 2015**

**THE STANDARD SPECIFICATIONS, SERIES 2012, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE SPECIAL PROVISIONS AND THEY SHALL PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.**

**1.01 DESCRIPTION.**

Construct a subbase consisting of a uniform mixture of granular material per specifications and construction drawings

**1.02 MATERIALS.**

Aggregate complying with Iowa DOT Section 4115 of the Standard Specifications, Gradation No. 3, Class 2 durability crushed stone (AASHTO M 43/ASTM D 448, Size 57).

**1.03 CONSTRUCTION.****A. Equipment.**

1. Use equipment that meets the requirements of Iowa DOT [Section 2001](#) of the Standard Specifications.

**B. Preparation of Subgrade.**

1. Excavate rain garden area to the length, width, and depth specified in the contract documents. Do not compact the rain garden area subgrade and do not operate heavy machinery on the subgrade. Do not operate heavy machinery in the excavated area while placing the modified soil

**C. Delivery of Materials.**

1. Operate trucks off the subgrade.
2. Maintain a clean aggregate interface between the Rain Garden Aggregate Subbase Layer and Filter Aggregate Layer.

**D. Construction of Rain Garden Aggregate Base Layer.**

1. Place the first 2 inches of the aggregate base evenly over the bottom of the rain garden area as identified on the plans.
2. Install slotted under drain per specifications and drawings
3. Place remaining Rain Garden Aggregate Base Layer to the elevation specified in the contract documents.
4. Install Filter Aggregate layer per drawings
5. Ensure Rain Garden Aggregate Base Layer material is uniformly moist prior to and during compaction. Place material according to the contract documents.

**E. Maintenance of Completed Rain Garden Aggregate Base Layer.**

Do not operate any equipment or other traffic on the Rain Garden Aggregate subbase material.

**1.04 METHOD OF MEASUREMENT.**

- A. Measurement: Measurement will be the plan quantity in cubic yards, without final field measurement. The plan quantity will be based upon the proposed excavation area to be filled with the Rain Garden Aggregate Base. Adjustments may be made to the plan quantities if agreed to by both the engineer and the Contractor.

**1.05 BASIS OF PAYMENT.**

A. Payment will be the contract unit price per cubic yard of Rain Garden Aggregate Base Material.