1. EMBANKMENT FOUNDATION TREATMENT

A. Description. This work consists of constructing an embankment foundation treatment consisting of Geotextile and Special Borrow in conformity to the lines and grades shown on the plans or as directed by the Project Manager.

B. Materials.

1) Provide Stabilization Geotextile meeting the requirements of Section 716.

2) Provide Special Borrow meeting the AASHTO M 145 requirements for A-1-a or A-1-b group classification. Provide material with a maximum size of 3 inches.

C. Construction Requirements.

1) In the area of embankment placement, cut all vegetation greater than 1 inch in diameter flush with the ground and remove. Otherwise, do not disturb existing vegetation/vegetative root mat.

2) Place geotextile over the embankment subgrade area, as shown on the plans and cross sections, starting 4 feet up the embankment slope and terminating the geotextile 4 feet from the embankment toe, in conformance with Subsection 622.03. Overlap the adjoining edges of the geotextile a minimum of 3 feet with the edge of the upgrade sheet over the edge of the downgrade sheet.

3) Place the first 16 inches of Special Borrow over the geotextile without any specific compaction effort and with the least amount of equipment traffic possible.

4) Place the second lift of Special Borrow in a single lift of 8 inch loose thickness and compact to a minimum 90% of the maximum dry density, as determined by MT 210.

5) Place subsequent lifts of embankment material in accordance with Subsection 203.03.3.

D. Method of Measurement.

1) Special Borrow – Neat Line is measured in accordance with Section 203.

2) Geotextile is measured in accordance with Section 622.

E. Basis of Payment. Payment is full compensation for all labor, tools, equipment and other incidentals necessary to complete the work in accordance with the specifications and as directed by the Project Manager.

1) Special Borrow is paid for in accordance with Section 203.

2) Geotextile is paid for in accordance with Section 622.