

SPECIAL STABILIZED SUBBASE FOR RIGID PAVEMENT.
(REV 10-24-08)

PAGE 201. The following new Section is added after Section 175.

SECTION 180
SPECIAL STABILIZED SUBBASE FOR RIGID PAVEMENT

180-1 Description.

Construct a Special Stabilized Subbase composed of six inches of roadbed soils with special commercial stabilizing materials as shown on Design Standard Index 505.

180-2 Special Stabilizing Materials.

Use three inches of stone aggregate, Grade No. 57 or No.89, meeting the requirements of Section 901.

180-3 Preparation of Roadbed.

Prior to beginning stabilizing operations, complete the area to be stabilized to a grade and typical cross section parallel to the finished elevation of the stabilized subbase. Dispose of surplus materials in accordance with 120-5.

180-4 Spreading and Mixing.

Place the special stabilizing material on areas to be stabilized and spread uniformly to a depth of three inches as shown on Design Standard Index 505. Use mechanical material spreaders unless the Engineer approves other means of controlling the spread.

Thoroughly mix the stabilizing material with the soil using rotary tillers or other approved equipment capable of achieving a satisfactory blend.

180-5 Compaction.

Compact the materials at a moisture content to allow optimum compaction. The minimum acceptable density is 98% of the Modified Proctor maximum density as determined by FM 1-T 180, Method D.

Maintain the required density until the overlying base or pavement is in place. Add water to the surface of the subbase as required to maintain the moisture content of the subbase at a level such that the surface will not be displaced by paving equipment.

180-6 Finish Grade.

Shape the completed stabilized subbase to conform to the finished line, grades and cross section indicated in the plans.

180-7 Maintenance of Completed Subbase.

Maintain the completed subbase free from damage until the overlying base or pavement is in place.

180-8 Method of Measurement.

The quantities to be paid for will be the Plan Quantity, in square yards, of Special Stabilized Subbase completed and accepted, and the volume, in cubic yards, of Special Commercial Stabilizing Material, applied at the roadway and accepted. The quantity of Special Commercial Stabilizing Materials will be determined in a loose condition, leveled in truck bodies, at the placement site.

180-9 Method of Payment.

Prices and payments will be full compensation for all work in this Section, including furnishing, hauling, placing, and spreading all stabilizing material; and mixing, compacting, finishing, and maintaining the stabilized subbase. The cost of necessary excavation below the finished grade of the subbase to place the special stabilizing material and the disposal of all surplus material is also included.

Payment will be made under:

Item No. 909 180- 1-	Special Commercial Stabilizing Material – per
cubic yard.	
Item No. 909 180- 2-	Special Stabilized Subbase (6”) – per square yard.

Do Not Use Without
CO Specs Authorization