

SECTION 02310

PAVEMENT FOUNDATION

PART 1 - GENERAL

1.01 GENERAL

The Contractor shall construct pavement foundations in accordance with these specifications on a prepared subgrade and in conformity with the lines, grades, thickness and typical cross-section as shown on standard drawings and/or plan.

1.02 GRANULAR MATERIAL FOR FOUNDATION

- A. When in the opinion of the Engineer the field conditions are such that the subbase or sections of the subbase are not satisfactory for laying a pavement foundation, the Contractor shall furnish and place New York State approved gravel to depths as shown on plan or as determined by field conditions.
- B. Gravel shall be well-graded material conforming to the New York State Standard Specifications for Item 304.14 "Subbase Course, Type 4". The gravel is to be placed and compacted in lifts in accordance to State specification 203-3.12 and resulting with a compaction of not less than 95% of standard proctor density for this gravel. After compaction, the subbase shall be true to grade and cross-section. The subbase must be thoroughly compacted so that it will not weave under the roller.

1.03 PAVEMENT FINE GRADE

- A. Before any paving material is placed, the subbase shall be fine graded, and shaped to line and grade with an approved template so constructed for this work.
- B. The subbase shall be compacted with an approved self-propelled roller weighing not less than 5 tons. All hollows and depressions which develop under rolling shall be filled with New York State approved gravel acceptable to the Engineer and shall again be rolled. This process of shaping, rolling and filling shall be repeated until no depressions develop. The Contractor shall remove boulders, spongy material, roots, stumps and any other objectionable material as directed by the Engineer. New York State approved gravel fill shall be used as replacement material for any unsuitable material removed. Method of replacement shall conform to the requirements under Article 1.02 - GRANULAR MATERIAL FOR FOUNDATION.
- C. The sub-grade shall not be muddy or otherwise unsatisfactory when the pavement is placed upon it. If the fine grade becomes rutted or displaced due to any cause whatsoever, the Contractor shall re-grade same without additional payment.

1.04 CONCRETE FOUNDATION

The material and construction for this item shall be the same as specified in Section 2400
- CONCRETE.

END OF SECTION