

SECTION 303

SUBBASE PREPARATION

303.1 GENERAL

This section defines the materials and compaction requirements for subbase, which is normally associated with but not limited to the residential or arterial, street paving section.

303.2 REFERENCES

303.2.1 ASTM:

D 1557                      D 4318  
D 1883

303.3 MATERIALS

303.3.1 Subbase may consist of imported or in situ natural materials, provided the following requirements are met:

303.3.1.1 Also material will be free of adobe, vegetable matter, loam, alkali, and/or other deleterious substances.

303.3.1.2 The material, when tested in accordance with ASTM D 1883, shall have a bearing ratio of 20 or more.

303.3.1.3 The requirements for materials having a bearing ratio value of 20 or more may, if approved by the ENGINEER, be satisfied by complying with the following schedule for particle size and plastic index (PI), per ASTM D 4318.

<u>Percentage of Sample Passing#40Sieve</u>	<u>PI of Minus #40Material</u>
5 - 10	10 or less
10 - 20	8 or less
20 - 30	6 or less
30 - 40	5 or less
40 - 50	5 or less
50 - 100	5 or less

303.4 SAMPLE

A representative sample of proposed material to be utilized as subbase material shall be submitted to the ENGINEER two weeks prior to intended use. This material shall be tested for specification compliance and recommendations.

303.5 SUBBASE COMPACTION

303.5.1 The subbase material shall be compacted to 95 percent of maximum density as determined by ASTM D 1557 for full thickness of subbase.

303.5.2 The minimum compacted thickness of the subbase material shall be in accordance with the approved paving section.

303.6 MEASUREMENT AND PAYMENT

The measurement for subbase material shall be by the square yard for the specified compacted thickness. Payment will be made at the unit price per square yard per compacted thickness as specified in the Bid Proposal.