(4) When material is to be used for placing embankments or backfilling of undercut areas that are excessively wet, the material shall consist of Class II, III or IV select material.

SECTION 1019

SHOULDER AND SLOPE MATERIAL

1019-1 GENERAL

Use shoulder and slope material to construct shoulders and plate slopes with materials capable of supporting vegetation. Material that contains roots, root mats, stumps or other unsatisfactory material will not be acceptable.

1019-2 SHOULDER AND SLOPE BORROW

Use borrow sources in accordance with Article 1018-2.

Use soil consisting of loose, friable, sandy material with a PI greater than 6 and less than 25 and a pH ranging from 5.5 to 6.8. Remove stones and other foreign material 2" or larger in diameter.

Use approved material obtained from unclassified excavation, fine grading operations or borrow sources as provided in Section 230.

1019-3 AGGREGATE SHOULDER BORROW

Use aggregate shoulder borrow (ASB) that meets the following gradation in Table 1019-1.

<table>
<thead>
<tr>
<th>TABLE 1019-1</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRADATION OF AGGREGATE SHOULDER BORROW</td>
</tr>
<tr>
<td>Sieve</td>
</tr>
<tr>
<td>1 1/2&quot;</td>
</tr>
<tr>
<td>1/2&quot;</td>
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<tr>
<td>#4</td>
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</tbody>
</table>

SECTION 1020

ASPHALT MATERIALS

1020-1 DELIVERY AND ACCEPTANCE OF ASPHALT MATERIALS

Asphalt materials are accepted at the source of shipment subject to the conditions herein.

All asphalt transport tankers, including rail and truck tankers, shall have a sampling valve in accordance with Asphalt Institute Publication MS-18, ASTM D140 or a comparable device acceptable to the Engineer.

Each transport tanker delivering asphalt materials to the project or rail siding shall keep a running log showing the date, destination and type and grade of material hauled on each trip. Print, stamp, or write in ink information appearing in the log and have available for examination upon request.

Furnish with each shipment 2 copies of a delivery ticket. Ensure both copies accompany the shipment and are delivered to the Engineer or his representative at the destination. The delivery ticket shall contain the following information:

(A) Name of Producer/Supplier and location

(B) A statement that the material has been tested and meets AASHTO specifications or is being provided by an approved supplier under Approved Supplier Certification (ASC)

(C) The grade of the material

(D) If applicable, the rotational viscosity in Pascal-Seconds (Pa-S) at 135°C and 165°C

(E) If applicable, the recommended laboratory mixing and compaction temperature (°C for the PGAB)