# PIPE UNDERDRAINS 4” (100 mm) (SPECIAL)

Eff. 02-22-1999 Rev. 6-21-2013

This work shall be done according to Section 601 of the Standard Specifications with the following additions:

Perforated Corrugated Polyethylene (PE) Pipe or Tubing consisting of a minimum 50% recycled resin may be used provided it meets the applicable article(s) of Section 1040,

The PIPE UNDERDRAIN 4” (100 mm) (SPECIAL) under the hot-mix asphalt shoulder shall be perforated (1.75 mm +/- 0.25 mm) in the same manner as the PIPE UNDERDRAIN, 4” (100 mm).

FM 4 or FM 4 Special meeting the following gradations shall be used for backfilling the underdrain trench:

 Percent Passing

Sieve Size FM 4 FM 4 Special

3/8” (9.5 mm) 100 100

No. 4 (4.75 mm) 97 +/- 3

No. 8 (2.36 mm) 5 +/- 5

No. 10 (2 mm) 10+/-10

No. 16 (1.18 mm) 5 +/- 5 2 +/- 2

No. 200 (75 mm) 1+/- 1 1 +/- 1

Only natural sands and gravel shall be used.

This work will be measured per Article 601.07 of the Standard Specifications.

This work will be paid per Article 601.08 of the Standard Specifications and no additional compensation will be allowed.