# 6E

# PIPE UNDERDRAINS 4” (MODIFIED)

(Effective January 1, 2010)

Description. This work consists of constructing pipe underdrains according to the applicable portions of Section 601 of the Standard Specifications and Highway Standard 601001.

Materials. The pipe underdrain material used shall meet the requirements of AASHTO M 252-96 except the pipe shall have a slot width of 0.07 in. ± 0.01 in. (1.75 mm ± 0.25 mm). The number of slots and the slot length may be modified to maintain the inlet flow specified in AASHTO M 252-96. Fabric around the pipe is not allowed.

The backfill material shall meet the requirements of Section 1003 of the Standard Specifications for a FA-4 Natural Sand or Gravel and meet the following gradation requirements:

 Sieve Size Percent Passing

 3/8” (9.5 mm) 100

 No. 10 (2 mm) 10±10

 No. 16 (1.18 mm) 5±5

 No. 200 (75 um) 1±1

Method of Measurement. Backfill material will not be paid for separately, but shall be included in the unit cost of the underdrain.

Basis of Payment. This work will be paid at the contract unit price per foot (meter) for PIPE UNDERDRAINS 4” (MODIFIED) (PIPE UNDERDRAINS 100MM, MODIFIED).