

215-R-629 CHEMICAL MODIFICATION OF SOILS

(Adopted 06-18-15)

The Standard Specifications are revised as follows:

SECTION 215, BEGIN LINE 108, INSERT AS FOLLOWS:

Acceptance of chemically modified soils will be determined by measuring the compaction with a Dynamic Cone Penetrometer, DCP, in accordance with ITM 509 *or with a Light Weight Deflectometer, LWD, in accordance with 203.24(b)*. Testing of the chemically modified soils will begin 24 hours after compaction.

For measuring the compaction with a DCP, Three random test locations will be determined in accordance with ITM 802 for each 1,500 lft of chemically modified soil for each 2-lane pavement section. The average of the blow counts obtained at the three random locations will be the DCP blow count representing the 1,500 lft section. Blow counts of 15 and above will be used to determine the average for the top 6 in. of a 14 in. lift. Blow counts of 14 and above will be used to determine the average for the bottom 8 in. of a 14 in. lift. Blow counts of 18 and above will be used to determine the average for the 8 in. lift. Locations with test results less than the specified minimum blow counts will be retested and shall be reworked if the minimum blow count is not obtained.
