DATE: February 26, 1996

TO: District Engineers
    District Field Engineers
    District Soils and Materials Engineers
    Materials Supervisors
    Resident/Project Engineers

FROM: Paul F. Miller, P.E.
      Engineer of Construction

      Calvin Roberts, P.E.
      Engineer of Materials and Technology

SUBJECT: JOINT CONSTRUCTION AND MATERIALS AND TECHNOLOGY
INSTRUCTIONAL MEMORANDUM 1996 - B
Michigan One Point Cone Tests

This past construction season we had several projects in which the resulting Maximum Unit
Weight (MD) from the Michigan One Point Cone Test was incorrect.

The incorrect MDs were established at moisture contents between 4 percent and 5 percent.
At this range of moisture content, we were still in the bulking range which resulted in the
incorrect MDs.

Effective this date, all Michigan One Point Cones will be pounded with a moisture content
between 5 percent and a point short of saturation.

[Signature]
Engineer of Construction

[Signature]
Engineer of Materials and Technology