

**STATE OF NEW JERSEY
DEPARTMENT OF TRANSPORTATION
TRENTON, NEW JERSEY 08625**

**METRIC SPECIFICATIONS FOR PEDESTRIAN PUSH BUTTON
AND PEDESTRIAN INSTRUCTION SIGN**

N.J. Specification No. EBM-PPB-1

Effective Date: July 1, 2001

New Jersey Department of Transportation Specifications for Pedestrian Push Button and Instruction Sign.

The purpose of these specifications is to describe minimum acceptable design and operating requirements for Pedestrian Push Button and Instruction Sign.

PEDESTRIAN PUSH BUTTON - I

- 1-1 Push button assemblies shall be of the direct push button contact type and shall not have any levers, handles or toggle switches externally or internally. The push button shall operate on logic ground.
- 1-2 The contacts shall be entirely insulated from the housing and operating button. The contacts shall be normally open and shall be closed with a minimum of pressure on the button, restoring immediately to the normally open position when the pressure is released.
- 1-3 The cast aluminum housing shall have a curved back which will readily enable it to be mounted on a traffic signal pole or push button standard. The housing shall have a 13 millimeter access hole in the rear for wiring. The front cover plate shall be secured with stainless steel vandal resistant screws. Any other threaded conduit bosses shall be provided with threaded plugs so that access is only possible from the rear of the housing. The plugs shall not be removable with ordinary tools. The housing shall be painted highway yellow baked enamel matching to Federal Standard 595A color #13538.

PEDESTRIAN INSTRUCTION SIGN - II

- 2-1 Pedestrian instruction signs shall conform to M.U.T.C.D., published by the U.S. Department of Transportation of the Federal Highway Administration.
- 2-2 Pedestrian instruction signs shall be either Type R10-3 or Type R10-4 as specified in the contract documents (or bid documents).
- 2-3 Pedestrian instruction sign shall be constructed in accordance with the applicable provisions of the current NJDOT Standard Specifications. Pedestrian instruction sign need not be reflectorized. The sign shall be fabricated with pressure sensitive adhesive to be installed directly on pole. Pole surface must be a minimum of 21 °C and be grease and dirt free prior to installation of sign.

INSTRUCTIONS AND GUARANTEE - III

- 3-1 No changes or substitutions in these requirements will be accepted unless authorized in writing. Inquiries regarding this specification shall be addressed to the Manager, Office of Traffic Signal and Safety Engineering, New Jersey Department of Transportation, 1035 Parkway Avenue, P.O. Box 613, Trenton, NJ 08625.
- 3-2 The pedestrian push button and instruction sign shall carry a one year guarantee from the date of delivery against any imperfections in workmanship and material.
- 3-3 The company agrees upon the request of the Manager, Office of Traffic Signal and Safety Engineering to deliver to the Office, a sample of the unit to be supplied in compliance with these specifications for inspection and test before acceptance. After completion of the test, the sample shall be returned.