



Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**OFFICE OF THE SECRETARY**  
Manila

897. 13 DPWH  
07-21-2015

**JUL 21 2015**  
**DEPARTMENT ORDER** )  
**No. 116** )  
**Series of 2015** )

**SUBJECT: SUPPLEMENTAL GUIDELINES ON  
SHOULDER PAVING ALONG  
NATIONAL ROADS**

As supplement to the provisions of D.O. No. 40, s. 2012 and D.O. 22, s. 2013, the following guidelines are hereby prescribed:

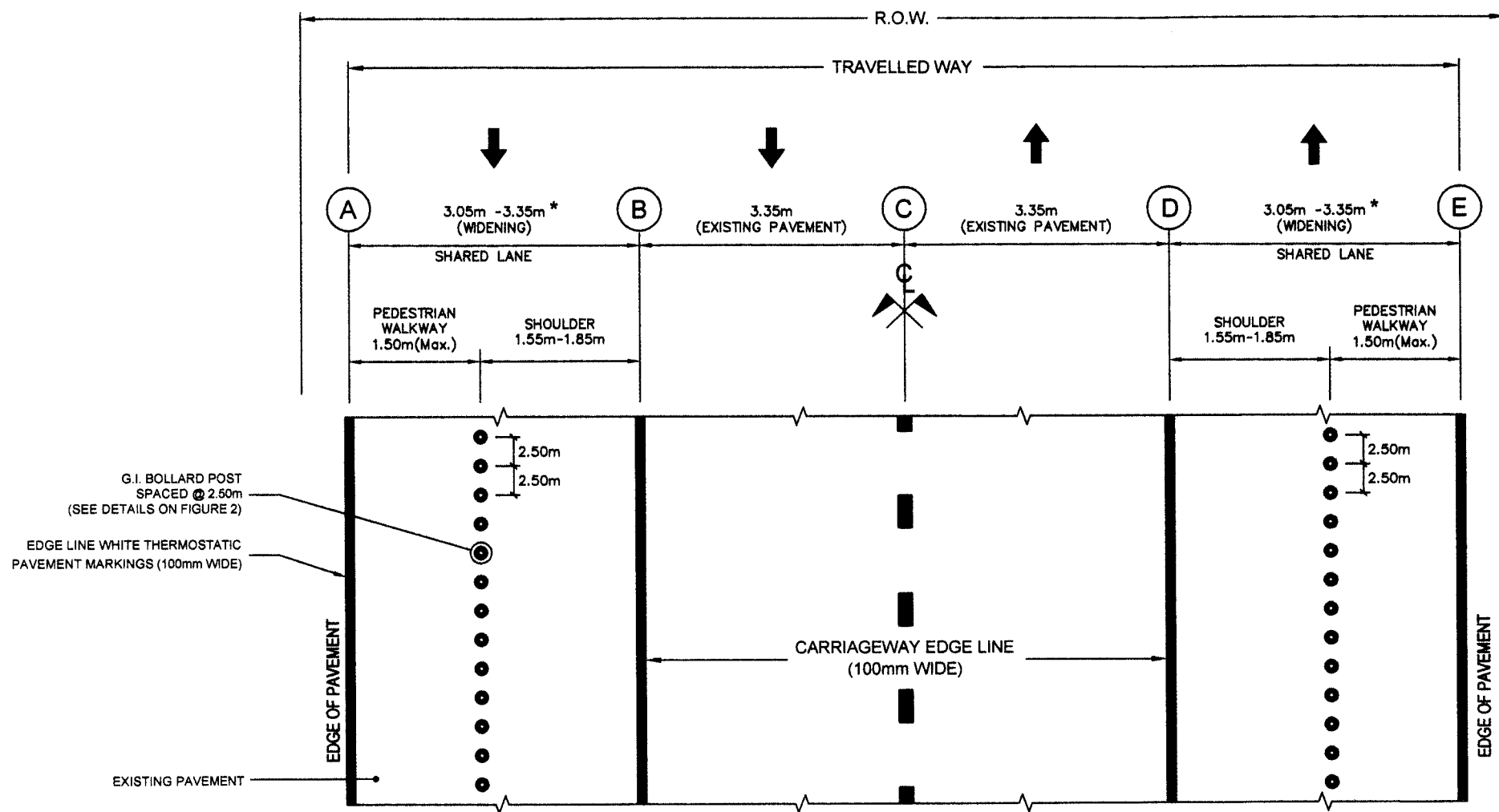
1. Road widening shall not be allowed if shoulder cannot be provided.
2. For existing widened road without shoulder and practically occupying the entire road right-of-way, the following temporary safety measures shall be provided while additional right-of-way is not yet acquired to provide shoulders:
  - a) The widened outside lane shall not be used as a regular traveled way. It shall be sharedly utilized by pedestrians as walkway and by the motorists as shoulder. G.I. bollard posts shall be installed to separate and clearly define the walkway from the shoulder and to delineate/restrict access of vehicles into the pedestrian walkway as shown in Figures 1 and 2, provided with appropriate informative (Shared Use Lane) and warning (No Overtaking) signs to be placed in advance (30m-100m in urban areas and 75-225m in rural areas) to maximize usage and ensure safe operations.
  - b) Width of shared use of the outside lane shall be as shown in Figure 3.
3. Shoulder shall have a minimum width of 1.50 meters. However, for extreme cases in mountainous terrain or in areas involving right-of-way constraints, shoulder of at least 0.60m wide should be continuously provided.
4. Advanced warning sign shall be provided before the approach of a narrow bridge or narrow portion of a widened road. It shall be placed in advance at not less than 30m or more than 100m in urban areas, and not less than 75m or more than 225m in rural areas.

This Order shall take effect immediately.

  
**ROGELIO L. SINGSON**  
Secretary

Department of Public Works and Highways  
Office of the Secretary





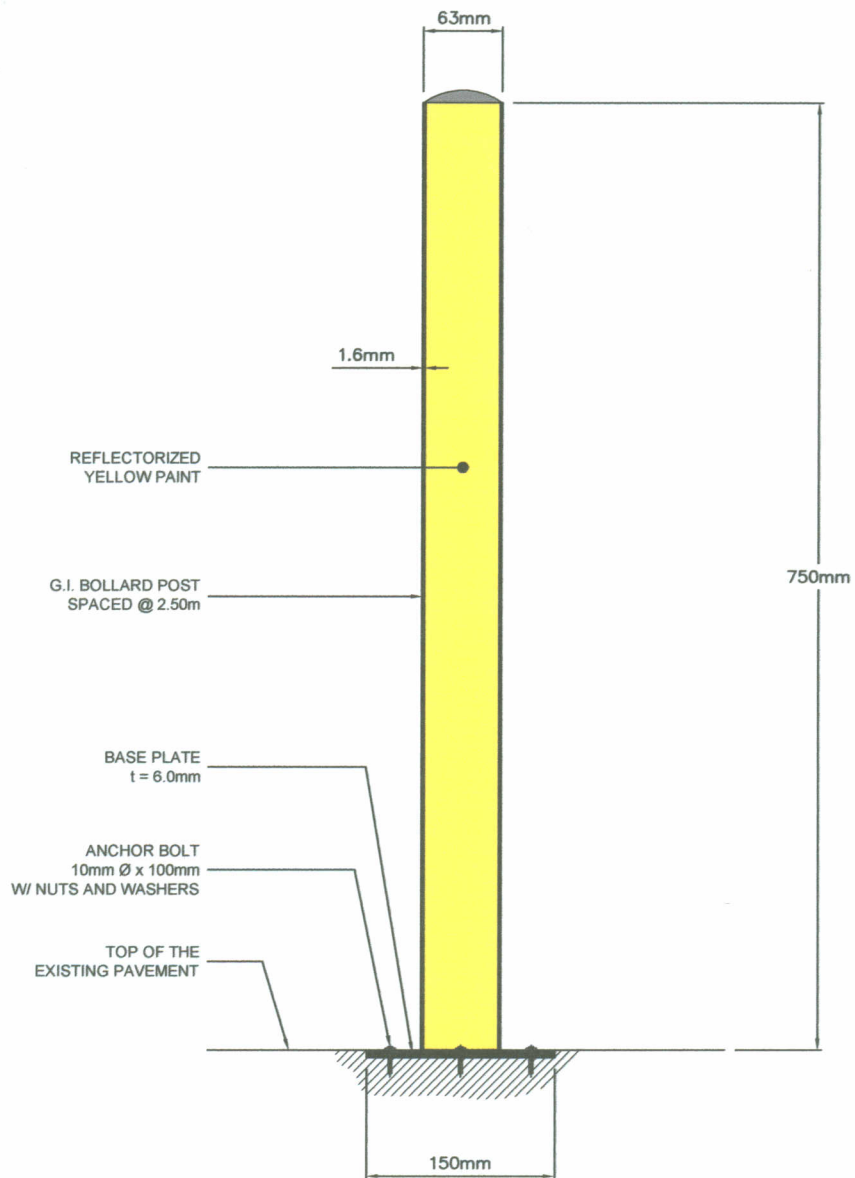
NOTE: \* PROPOSED SHARED USE  
OF LANE TO BE UTILIZED AS  
SHOULDER AND PEDESTRIAN  
WALKWAY

P L A N

N T S

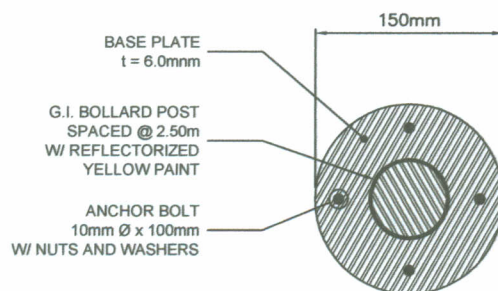
FIGURE 1

*Handwritten signature/initials.*



ELEVATION OF BOLLARD POST

N T S



PLAN VIEW OF BOLLARD POST

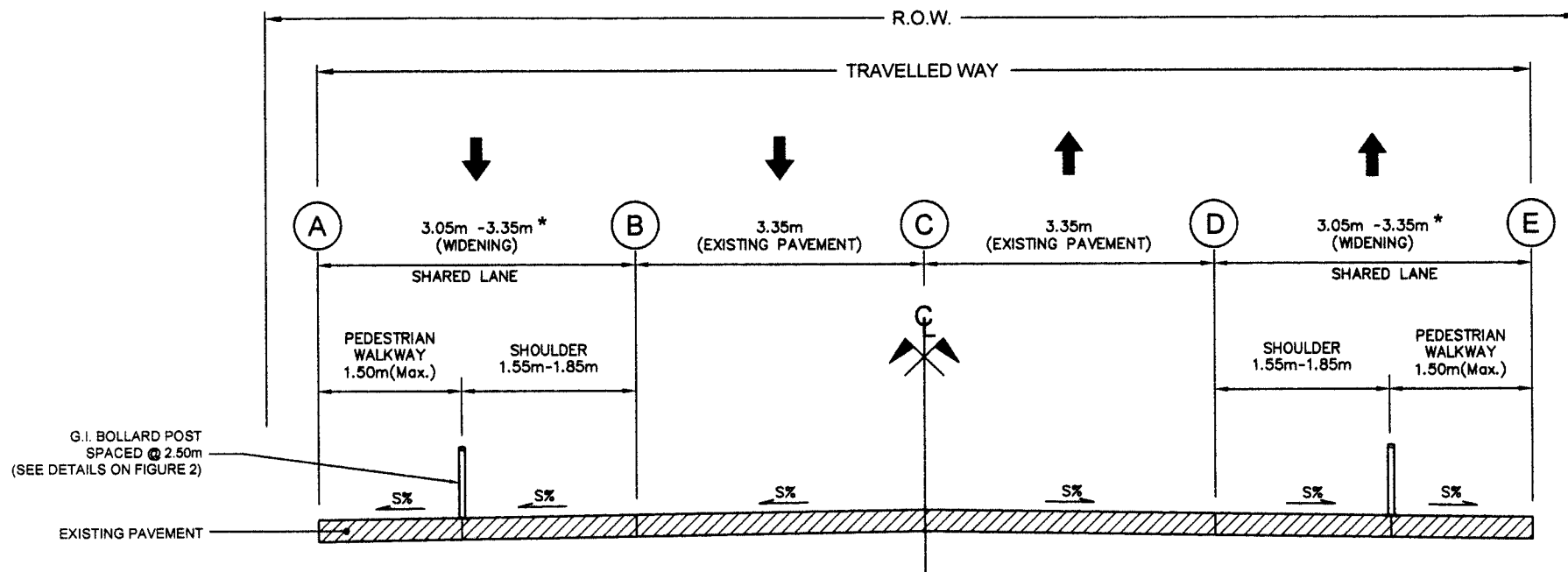
N T S

DETAILS OF BOLLARD POST

N T S

FIGURE 2

*Handwritten signature*



NOTE: \* PROPOSED SHARED USE  
OF LANE TO BE UTILIZED AS  
SHOULDER AND PEDESTRIAN  
WALKWAY

## TYPICAL SECTION

N T S

FIGURE 3

*Handwritten signature/initials*