PART SECTION SHOWING TYPE E TO TYPE A GUARDRAIL TRANSITION

THE OVERALL NOMINAL DIMENSIONS SHOWN SHALL BE NET. ALTHOUGH THE SHAPE OF THE PLASTIC BLOCK MAY VARY FROM THE SHAPE SHOWN, EXCEPT THE 4" X 4" FLANGE AND THE OVERALL WIDTH DIMENSIONS MAY BE VARIED IF APPROVED BY PROJECT OPERATIONS.

GENERAL NOTES:

(1) THE CONTRACTOR MAY FURNISH EQUIVALENT GUARDRAIL SECTIONS FABRICATED FROM MATERIAL HEETING AND IN ACCORDANCE WITH SEC 1040.

(2) IF THE TRANSITION IS CONNECTED TO A BRIDGE ANCHOR SECTION, FOOT SPACING FOR TYPE E GUARDRAIL AND THE TRANSITION SECTION SHALL BE 3'-12". FOR ALL OTHER CASES, FOOT SPACING SHALL BE 6'-0".

(3) TRANSITION FROM 3'-12" TO 2'-9" HEIGHT OVER 2'-3"-6" MUST BE ON 2'-3"-6" BEAMS OR 2'-9".
1. Shoulder widening shall consist of embankment material compacted in accordance with Sec. 203.4 of the Standard Specifications.

2. Posts shall be spaced at 3'-6" on center.

3. When guardrail is constructed over curbs, the curbs shall be constructed as shown.

4. Plan:
   - Length of H-beam rail = 15'-0"
   - LIP in the direction of traffic

5. Elevation:
   - 12 gauge H-beam rail
   - 6'-0" post

6. Details for transitioning between Type A and Type B guardrail:
   - Type A Guardrail
   - Type B Guardrail
   - Traffic

7. Location other than & median lateral placement of guardrail for shoulder installation.

8. Typical Section:
   - 5'-6" Fill slope
   - 2'-0" shoulder width
   - Type A Guardrail

9. Alternate Typical Section at slope breakpoint:
   - 5'-6" fill slope
   - Type B Guardrail
   - Traffic

10. Guardrail at curbs:
    - 6'-3" H-beam rail
TYPE E
FOR STEEL POST & WOOD OR PLASTIC BLOCKS (1)

TYPE A AND TYPE B
FOR STEEL POST AND WOOD OR PLASTIC BLOCKS (1)

(1) THE OVERALL NOMINAL DIMENSIONS SHOWN SHALL BE NET. ALTHOUGH THE SHAPE OF THE PLASTIC BLOCKS MAY VARY FROM THE SHAPE SHOWN, EXCEPT THE FLANGE ARE THE OVERALL WIDTH DIMENSIONS MAY BE NARROW IF APPROVED BY PROJECT OPERATIONS.

DELINEATORS ON NEW GUARDRAIL
SECTION A-A
ROCK ENCOUNTERED
UP TO 6" BENEATH SURFACE

SECTION B-B
ROCK ENCOUNTERED
6" TO 18" BENEATH SURFACE

SECTION C-C
ROCK ENCOUNTERED
MORE THAN 18" BENEATH SURFACE

SECTION D-D
SETTING POST THROUGH PAVEMENT
(CONCRETE OR ASPHALT > 2" THICK)

SETTING POST IN SOLID ROCK

SETTING POST THROUGH ASPHALT ≤ 2" THICK

GENERAL NOTES:

1. HOLES IN SOLID ROCK SHALL PROVIDE A DIAMETER OF NOT LESS THAN 6 INCHES GREATER THAN THE MAXIMUM TRANSVERSE DIAMETER OF THE POST SECTION.

2. POSTS MAY BE SHORTER WHERE PLACED IN A MINIMUM 2 FEET OF SOLID ROCK. STEEL POSTS MAY BE PLACED IN SOIL CONSISTING OF SOIL BASED ON THE STANDARD SPECIFICATIONS.

GUARDRAIL
SPECIAL INSTALLATIONS

DATE EFFECTIVE: 01/01/2017
DATE UPDATED: 10/28/2016
606.00AY SHEET NO. 6 OF 7