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 2 1/8" 
PLASTIC BLOCK. THE OVERALL WIDTH DIMENSIONS MAY 
BE VARIED IF APPROVED BY PROJECT OPERATOR.

SECTION B-B

SECTION C-C

GENERAL NOTES:

TYPE E GUARDRAIL SHALL USE 6" X 3" FOOT SPACING UNLESS 3-1/2" FOOT SPACING IS SPECIFIED.

THE TIMBER BEAM FAIL FOR THE TYPE E GUARDRAIL AND THE 
TRANSITION SECTION SHALL BE MADE OF STEEL AND SHALL 
BE 19 GAUGE.

FOR PROTECTIVE COATING AND MATERIAL REQUIREMENTS, 
SEE SECTION 7 OF THE STANDARD SPECIFICATIONS.

SEE SHEET 7 OF 7 FOR REQUIREMENTS FOR SPECIAL 
INSTALLATIONS.

ALL DIMENSIONS ARE SUBJECT TO MANUFACTURING 
TOPOLOGIES EXCEPT WHERE ALLOWABLE TOLERANCES ARE 
SHOWN.

FOR DETAILS NOT SHOWN. SEE OTHER SHEETS OF THIS 
STANDARD.
(1) SHOULDER WIDENING SHALL CONSIST OF ENHANCEMENT MATERIAL COMPACTED IN ACCORDANCE WITH SEC 205.4 OF THE STANDARD SPECIFICATIONS.

(2) POST SHALL BE SPACED AT 3'-15" ON CENTER.

(3) WHEN GUARDRAIL IS CONSTRUCTED OVER CURB, THE CURB SHALL BE CONSTRUCTED AS SHOWN.

DETAIL FOR TRANSITIONING BETWEEN TYPE A AND TYPE B GUARDRAIL

LOCATION OTHER THAN 4 MEDIAN LATERAL PLACEMENT OF GUARDRAIL FOR SHOULDER INSTALLATION
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 BLOCK MAY VARY FROM THE SHAPE SHOWN, EXCEPT THE 2 1/2-INCH FLANGE, THE OVERALL WIDTH DIMENSIONS MAY BE NEEDED IF APPROVED BY PROJECT OPERATIONS.

GENERAL NOTES:
FOR GUARDRAIL DELINEATION DETAILS SEE
STD PLAN 903.03.

DELINERATORS 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:

HOLE IN SOLID ROCK SHALL PROVIDE A DIAMETER OF NOT
LESS THAN 8 INCHES GREATER THAN THE MINIMUM
TRANSVERSE DIAMETER OF THE POST SECTION.

POST MAY BE SHORTER WHERE PLACED IN A MOUNTAIN 2 FEET
OF SOLID ROCK. STEEL POSTS MAY BE PLACED IN CONCRETE OR CEMENT.

GUARDRAIL SPECIAL INSTALLATIONS

DATE EFFECTIVE: 01/01/2017
DATE REVISED: 10/28/2016
SHEET NO: 606.00AY
SHEET OF 7