GUARDRAIL DEPARTING TERMINAL TYPE B

DIRECTION OF TRAFFIC

GUARDRAIL, TYPE B

GUARDRAIL DEPARTING TERMINAL TYPE B

12'-6"

1'-0"

NOTE: OMIT OFFSET BLOCK ON LAST POST

ANCHOR PLATE AND CABLE ASSEMBLY

TERMINAL END SHOE, TYPE B

HOT-DIP ZINC COATED NAILS (SEE NOTES)

BEARING PLATE

PLACE POST SLEEVE IN HOLE

SPLICE (TYP.)

GROUND LINE

SPLICE (TYP.)

GROUND LINE

NOTE: OMIT OFFSET BLOCK ON LAST POST

ANCHOR PLATE AND CABLE ASSEMBLY

TERMINAL END SHOE, TYPE T

HOT-DIP ZINC COATED NAILS (SEE NOTES)

BEARING PLATE

PLACE POST SLEEVE IN HOLE

GUARDRAIL DEPARTING TERMINAL TYPE T

DIRECTION OF TRAFFIC

GUARDRAIL, TYPE T

GUARDRAIL DEPARTING TERMINAL TYPE T

12'-6"

3'

1'-0" + 2'-0" + 3'-0"

WOOD POSTS SHALL BE USED ON LAST TWO POSTS

1'-0"

8 HOLES

* 3/8" DIA.

WOOD POSTS SHALL BE USED ON LAST TWO POSTS

(6" x 8" x 7'-0"

* AN OPTIONAL SET OF ANCHOR PLATE HOLES WILL BE ALLOWED SO THAT THE BEAM ELEMENT MAY BE USED FOR EITHER LEFT OR RIGHT ENDINGS. ANCHOR PLATE SHALL BE PLACED ON UPPER CORRUGATION ONLY.

GUARDRAIL DEPARTING TERMINAL TYPE T

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF DEVELOPMENT STANDARD PLAN FOR

GUARDRAIL DEPARTING TERMINAL TYPES B, T, & MGS

DEPARTMENT DIRECTOR
Kirk T. Steudle

APPROVED BY:
DIRECTOR, BUREAU OF FIELD SERVICES

APPROVED BY:
DIRECTOR, BUREAU OF DEVELOPMENT

PREPARED BY:
DESIGN DIVISION

DRAWN BY:
CHECKED BY:

F.H.W.A. APPROVAL
PLAN DATE

R-66-E 1 OF 4
GUARDRAIL DEPARTING TERMINAL TYPE MGS

CABLE ANCHOR PLATE DETAILS

CABLE ASSEMBLY

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF DEVELOPMENT STANDARD PLAN FOR
GUARDRAIL DEPARTING TERMINAL TYPES B, T, & MGS

9-28-2018 R-66-E SHEET 2 OF 4
WOOD POST DETAIL
( FOR LAST POST, GUARDRAIL DEPARTING TERMINAL TYPE T )

WOOD POST DETAIL
( FOR LAST POST, GUARDRAIL DEPARTING TERMINAL TYPE B )

WOOD POST DETAIL
( FOR LAST POST, GUARDRAIL DEPARTING TERMINAL TYPE MGS )
FOR DETAILS OF GUARDRAIL PLACEMENT, SEE STANDARD PLAN R-59-SERIES.

ALL 1:10 SLOPES SHALL BE GRADED TO CLASS A SLOPE TOLERANCES.

BE INSTALLED ON EACH END OF THE CABLE SO THAT THE CABLE WILL NOT LOOSEN.

AFTER THE CABLE ASSEMBLY HAS BEEN TIGHTENED, A SECOND NUT SHALL BE INSTALLED ON EACH END OF THE CABLE SO THAT THE CABLE WILL NOT LOOSEN.

TWO HOT-DIP ZINC COATED NAILS SHALL BE DRIVEN INTO THE WOOD POST AT THE TOP OF THE BEARING PLATE TO KEEP THE BEARING PLATE FROM ROTATING.

NOTES:

ALL POSTS, OFFSET BLOCKS, BEAM ELEMENTS, AND HARDWARE (INCLUDING BOLTS, NUTS, AND WASHERS) SHALL CONFORM TO THE CURRENT STANDARD SPECIFICATIONS AND TO THE CURRENT STANDARD PLAN R-60-SERIES, WHERE APPLICABLE, EXCEPT AS SPECIFIED ON THIS STANDARD.

ALL 1:10 SLOPES SHALL BE GRADED TO CLASS A SLOPE TOLERANCES.

FOR DETAILS OF GUARDRAIL PLACEMENT, SEE STANDARD PLAN R-59-SERIES.

TWO HOT-DIP ZINC COATED NAILS SHALL BE DRIVEN INTO THE WOOD POST AT THE TOP OF THE BEARING PLATE TO KEEP THE BEARING PLATE FROM ROTATING.