DELINEATORS SHALL BE FIRMLY SECURED TO THE POST BY TWO CONNECTIONS.
LANE ADJACENT TO THE GUARDRAIL AT ALL LOCATIONS.
DELINEATORS SHALL BE FACED TOWARD THE APPROACHING TRAFFIC IN THE
STIPULATED IN SECTION 3B.06 OF THE MUTCD (CURRENT EDITION).
THE COLOR OF DELINEATORS SHALL CONFORM TO THE COLOR OF EDGELINES
AT 12'-6" INTERVALS.
DELINEATORS SHALL BE INSTALLED ACROSS BRIDGES ONLY WHEN GUARDRAIL
STANDARD DRAWING T-S-11.
DELINEATORS SHALL CONFORM TO NOTES AND DETAILS SPECIFIED ON
ON GUARDRAIL POSTS

LEGEND

DELINEATOR ON GUARDRAIL POST
DELINEATOR ON GUARDRAIL POST

STEEL POST

SEE STANDARD DRAWING S-GR51-1C, W-BEAM GUARDRAIL

FLEXIBLE DELINEATOR GENERAL NOTES
A. DELINEATORS SHALL CONFORM TO NOTES AND DETAILS SPECIFIED ON
STANDARD DRAWINGS T-S-11.
B. DELINEATORS SHALL BE INSTALLED ACROSS BRIDGES ONLY WHEN GUARDRAIL
IS CONTINUOUS ACROSS BRIDGES. DELINEATOR SPACING ON BRIDGES SHALL BE
AT 12'-6" INTERVALS.
C. THE COLOR OF DELINEATORS SHALL CONFORM TO THE COLOR OF EDGELINES
STIPULATED IN SECTION 3B.06 OF THE MUTCD (CURRENT EDITION).
D. DELINEATORS SHALL BE FACED TOWARD THE APPROACHING TRAFFIC IN THE
LANE ADJACENT TO THE GUARDRAIL. AT ALL LOCATIONS.
E. DELINEATORS SHALL BE FIRMLY REQUIRED TO THE POST BY TWO CONNECTIONS.
F. THE TWO HOLES IN THE STEEL GUARDRAIL POSTS ARE USED TO ATTACH THE
DELINEATOR POST IN THE FIELD. THE HOLES SHALL BE "D" IN DIAMETER.
P. THE HOLES ARE DRILLED, THEY SHALL BE THOROUGHLY PINTED WITH A TOUCH-UP GALVANIZING SPRAY PAINT PRIOR TO
ATTACHING THE DELINEATOR POST.
G. THE COST OF FURNISHING AND INSTALLING THESE BRIDGE APPROACH GUARDRAIL
DELINEATORS SHALL BE INCLUDED IN THE PRICE BID FOR THE ITEMS OF
GUARDRAIL TO WHICH THE DELINEATORS ARE ATTACHED.
H. ONLY DELINEATORS (SET) ON THE QPL, LIST 1, SECTION 2.2 GUARDRAIL POST
DELINEATION, MAY BE USED.
I. DELINEATORS AND NOT REQUIRED IF GUARDRAIL IS TERMINATED PRIOR TO
INDICATED LOCATION.

GENERAL NOTES
A. THIS DRAWING SHALL BE USED FOR BRIDGE ENDS OR HILO CONC'S.
BARRIERS WILL END ONLY. 7 FOR OTHER HAZARDS, S-PL-1 SHALL BE USED TO
DETERMINE LENGTH OF NEED FOR GUARDRAIL.
B. SEE S-GR5-4 FOR DETAILS AND SPECIFICATIONS REGARDING INSTALLATION
OF TANGENTIAL GUARDRAIL TERMINAL. ALL BRIDGE ENDS TO BE PAID FOR UNDER
ITEM NO. 705-06.25, THREE BEAM BRIDGE TRANSITION MASH TL-3 EACH.
C. TO DETERMINE LENGTH OF NEED FOR GUARDRAIL.
D. LOCATIONS WHERE THE ABOVE SHOWN MINIMUM TRANSITION AND
GUARDRAIL TERMINAL ANCHOR CANNOT BE INSTALLED OR TO A SIDE ROAD
OR DRIVEWAY, OTHER ALTERNATIVES SHALL BE CONSIDERED SUCH AS
CURVED GUARDRAIL (S-PL-2) OR INTRODUCING A NON-GATING ATTENUATOR.
E. SAFETY PERFORMANCE OF SLOTTED GUARDRAIL TERMINAL MAY BE USED ON ALL LOW SPEED ROADED ON THE NATIONAL
HIGHWAY SYSTEM. WHEN THE CURRENT DESIGN SPEED IS LESS THAN 45 MPH. EARTH PAD IS REQUIRED AS SHOWN ON
S-GRT-2P. FOR LOW SPEED LOCAL ROADS W/ ADT<2000 VEH/DAY S-GR3-1C MAY BE USED.
F. THE COST OF FURNISHING AND INSTALLING THESE BRIDGE APPROACH GUARDRAIL
DELINEATORS SHALL BE INCLUDED IN THE PRICE BID FOR THE ITEMS OF
DELINEATION, TO BE PAID FOR ONLY TERMINALS LISTED ON QPL LIST SHALL BE USED. EARTH PAD
SAFETY PERFORMANCE OF TANGENTIAL GUARDRAIL TERMINAL END SHALL MEET THE TL-3 EVALUATION
CRITERIA SPECIFIED AASHTO MASH. ONLY TERMINALS LISTED ON QPL LIST SHALL BE USED. EARTH PAD
SAFETY PERFORMANCE OF SLOTTED GUARDRAIL TERMINAL MAY BE USED ON ALL LOW SPEED ROADS ON THE NATIONAL
HIGHWAY SYSTEM WHEN THE CURRENT DESIGN SPEED IS LESS THAN 45 MPH. EARTH PAD IS REQUIRED AS SHOWN ON
S-GRT-2P AS DESCRIBED ON THE DRAWING.
G. THE COST OF FURNISHING AND INSTALLING THESE BRIDGE APPROACH GUARDRAIL
DELINEATORS SHALL BE INCLUDED IN THE PRICE BID FOR THE ITEMS OF
GUARDRAIL TO WHICH THE DELINEATORS ARE ATTACHED.
H. ONLY DELINEATORS (SET) ON THE QPL, LIST 1, SECTION 2.2 GUARDRAIL POST
DELINEATION, MAY BE USED.
I. DELINEATORS AND NOT REQUIRED IF GUARDRAIL IS TERMINATED PRIOR TO
INDICATED LOCATION.

PLAN FOR TYPE 38
MINIMUM INSTALLATION LENGTH FOR TANGENTIAL
GUARDRAIL END TERMINAL

SAFETY PERFORMANCE OF TANGENTIAL GUARDRAIL TERMINAL END SHALL MEET THE TL-3 EVALUATION
CRITERIA SPECIFIED AASHTO MASH. S-GRC-4 MAY BE USED.

PLAN FOR TYPE 21
MINIMUM INSTALLATION LENGTH FOR TL-2 GUARDRAIL TERMINAL
(FOR LOW SPEED FACILITIES V < 45 MPH)

SAFETY PERFORMANCE OF SLOTTED GUARDRAIL TERMINAL MAY BE ACCEPTABLE ACCORDING TO THE TL-2 EVALUATION CRITERIA
SPECIFIED IN AASHTO MASH. SLOTTED GUARDRAIL TERMINAL MAY BE USED ON ALL LOW SPEED ROADED ON THE NATIONAL
HIGHWAY SYSTEM. WHEN THE CURRENT DESIGN SPEED IS LESS THAN 45 MPH. EARTH PAD IS REQUIRED AS SHOWN ON
S-GRT-2P. FOR LOW SPEED LOCAL ROADS W/ ADT<2000 VEH/DAY S-GR3-1C MAY BE USED.