BRIDGE DESIGN ENGR. SUPERVISOR

DESIGNED BY

CHECKED BY

DETAILED BY

BRIDGE PROJECTS ENGR.

PRELIM. PLAN BY

ARCHITECT/SPECIALIST

REVISION BY APP'D

DATE

SR JOB NO. SHEET

FED. AID PROJ. NO. STATE

10 WASH.

JOB NUMBER

TRAFFIC BARRIER - SINGLE SLOPE 42"

DETAILS 1 OF 3

CURVE, PERPENDICULAR TO TRANSVERSE ROADWAY SLOPE **

R2 #5

2 R3 #4

2 R4 #6

1'-10" MIN.
2'-6" MAX.

(TYP.)

EDGE OF BRIDGE DECK

CURV LINE

CONDUIT EXPANSION FITTING (TYP.) AT EXPANSION JOINT) SEE BR. SHT. ?? FOR DETAIL.

AS1 #5 ~ 15 SPA. @ 6" = 7'-6"

AS2 #4 & AR6 #4 @ 1'-6" MAX.

R2 #5 @ 9" MAX.

R2A #5 ~ 6 SPA.

@ 9" = 4'-6"

S1 #5 ~ 15 SPA.

@ 9" MAX.

3'-0" MAX.

BEGIN FACE TAPER

TOP OF ROADWAY

FACE OF GUARDRAIL

CONDUIT EXPANSION FITTING (TYP.) SEE DETAILS THIS SHEET

TYPICAL SECTION

TRAFFIC BARRIER

SHOWED ON BRIDGE

NOTE TO DESIGNERS

1. Bridge deck slope angle is greater than 8%. 50 and 82 bar bends need to be modified to account for the difference between the actual slope and 8% on the side only of the bridge or median barrier. The barrier geometry needs to be checked also.

2. The non-applicable text should be removed from the actual bridge plans.

3. General Notes or traffic barrier details shall include the test level (TL-4) of the barrier.

NW REGION:

Fence Line (Tube) Pipe at Separate Type 1 Junction Boxes Off End of Bridge as Shown on Layout.

OUTSIDE ELEVATION

END OF TRAFFIC BARRIER

SHOWED WITH BRIDGE APPROACH SLAB

PLAN

TRAFFIC BARRIER

BARRIER CONTINUOUS BETWEEN BRIDGE DECK EXPANSION JOINTS.

CONSTRUCTION JOINTS WITH SHEAR KEYS ARE PERMISSIBLE AT DUMMY JOINT LOCATIONS.

FORM JOINTS BETWEEN DUMMY JOINTS SHALL NOT BE PERMITTED.

OUTSIDE ELEVATION

TRAFFIC BARRIER - GUARDRAIL CONNECTION

(WHERE SHOWN ON LAYOUT)

A. B'V Recess/Keyed P-30, Lancaster Malleable, or Dayton/Richmond P-62 Flared Thin Slab Ferrule Inserts or Approved Equal (TYP.). Rein-Bonded Anchors May Be Substituted.

** Height May Vary If Required to Provide a Profile Pleasing to the Eye

** For Transverse Bridge Deck Sloped Greater Than 8%, Change the Note to the Following: For the Low Side of the Bridge or Median Barrier - "Perpendicular to 8% Transverse Bridge Deck Slope" For the High Side of the Bridge Barrier - "Perpendicular to Transverse Bridge Deck Slope"

10'-2" A6-1A

2'-6"

2'-0" ×"

W-BEAM END SECTION DESIGN "F"

(SEE STD. PLAN C-7)

3'-11" 1'-10"

8"

THREE BEAM END SECTION DESIGN "P"

(SEE STD. PLAN C-7a)

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