ELEVATION MATCH A1
TWO-RAIL WITH BRUSH CURS

ELEVATION MATCH A2
THREE-RAIL - CURBLESS

ELEVATION MATCH A3
FOUR-RAIL - CURBLESS

ELEVATION MATCH A4
FOUR-RAIL WITH SIDEWALK

ELEVATION MATCH A5
FIVE-RAIL - CURBLESS


DETAILER MUST DELETE BOTTOM RAIL FROM TRANSITION FOR TWO-RAIL/BRUSH CURS ELEVATION ALL.

FOR SPLICE ASSEMBLY DETAILS, SEE BD-RE4.

FOR TURN BACK SPLICE DETAILS, SEE BD-RE4.

FOR TRANSITION POST AND HEAVY POST DETAILS, SEE BD-RE4.

FOR CURVE AND SHOULDER TREATMENT DETAILS, SEE CURRENT BD-40 SERIES SHEETS.

FOR ELEVATIONS MATCH A3, A4, AND A5, SEE BD-RE5.

IF THE VEGETATION CONTROL STRIP MUST BE PLACED SEPARATE FROM SHOULDER PAVING, DIRECTION PAYMENT WILL BE MADE AS INDICATED IN THE HIGHWAY DESIGN MANUAL, SECTION T002.

NOTES:

1. THE COST OF THE POSTS, SPLICE, TUBE, AND RAIL FOR THE LATERAL TUBE FRAME SECTION IS INCLUDED IN THE PRICE BID FOR THE TRANSITION STEEL.

2. SEE TYPICAL RAIL TO POST CONNECTION DETAIL ON CURRENT HIGHWAY STANDARD SHEET TITLED "BOX BEAM GUIDE RAIL, ".

3. PAY FOR THE VEGETATION CONTROL STRIP WITH THE SAME MATERIAL AS IN THE PAINT SPECIFICATION PAYMENT WILL BE MADE UNDER THE DESIGNER SHALL CHECK THE CLEARANCE FROM THE LIQ BRIDGE TO THE ME-MARKET TO THE FUTURE." BY THE PAVEMENT.

4. DETAILS ON THE DRAWINGS Labeled AS "NOT TO SCALE" ARE INTENTIONALLY DRAWN NOT TO SCALE FOR VISUAL CLARITY. ALL OTHER DETAILS FOR WHICH NO SCALE IS SHOWN ARE DRAWN PROPORTIONAL AND ARE FULLY DIMENSIONED.

ALL DIMENSIONS SHOWN IN INCHES UNLESS OTHERWISE NOTED.

STATE OF NEW YORK
DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN AND CONSTRUCTION DIVISION

2020

ENGINEERED
FOR CONSTRUCTION

ISSUED UNDER ERD 50-000
EFFECTIVE WITH THE LETTING OF 5/6/20

ORIGINAL DRAWING
GEORGE A. CHRISTIAN, P.E.
DEPUTY CHIEF ENGINEER

ISSUED 5/6/20
REVISED 5/6/20
11/5/20
5/6/20

STEEL BRIDGE RAILING TO BOX BEAM GUIDE RAIL TRANSITION
The expansion splice assembly detail will accommodate 2 of 6 expansion tubes if anticipated. The expansion splice assembly offsets tube length, slotted hole, and clearance settings must be redefined.

SECTION A-A

6 mm chamfer on all edges (1/8")

NOTE:
Prolusions caused by welding or galvanizing are not permitted on the mounting surfaces of the box beam rails, splice tubes, and fixed plates.

Details on the drawings are shown as "NOT TO SCALE" are intentionally shown not to scale for visual clarity. All other details, for which no scale is shown, are shown proportional and are full dimensional.

ALL DIMENSIONS ARE SHOWN IN INCHES UNLESS OTHERWISE NOTED