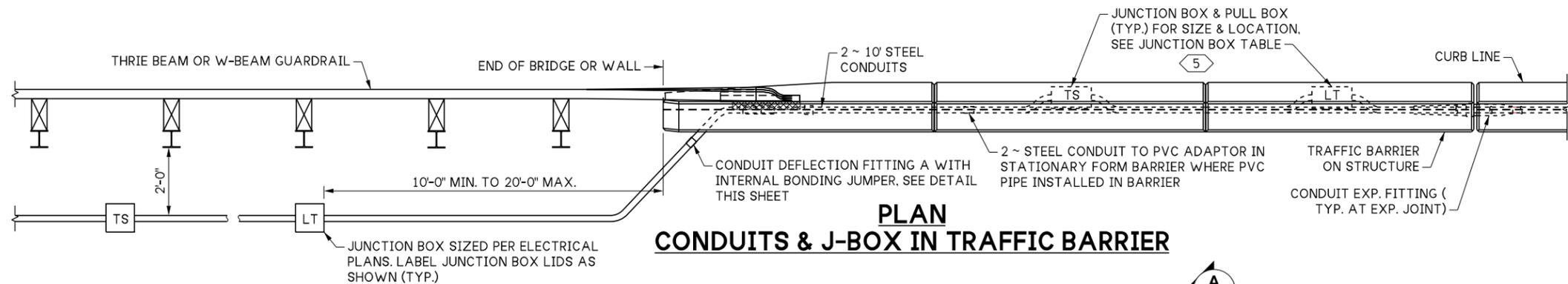
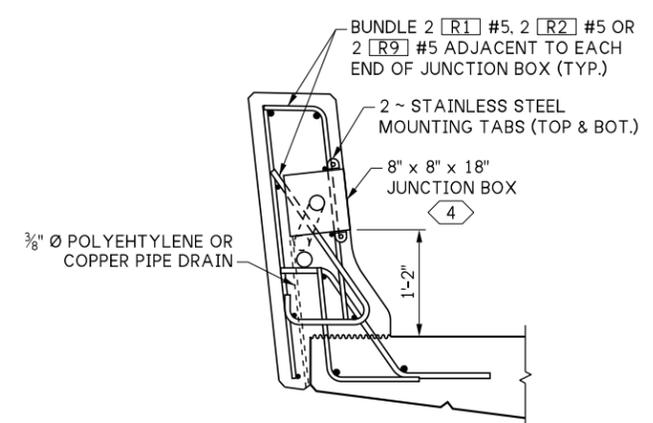


LAST REVISED: 07/21/2025

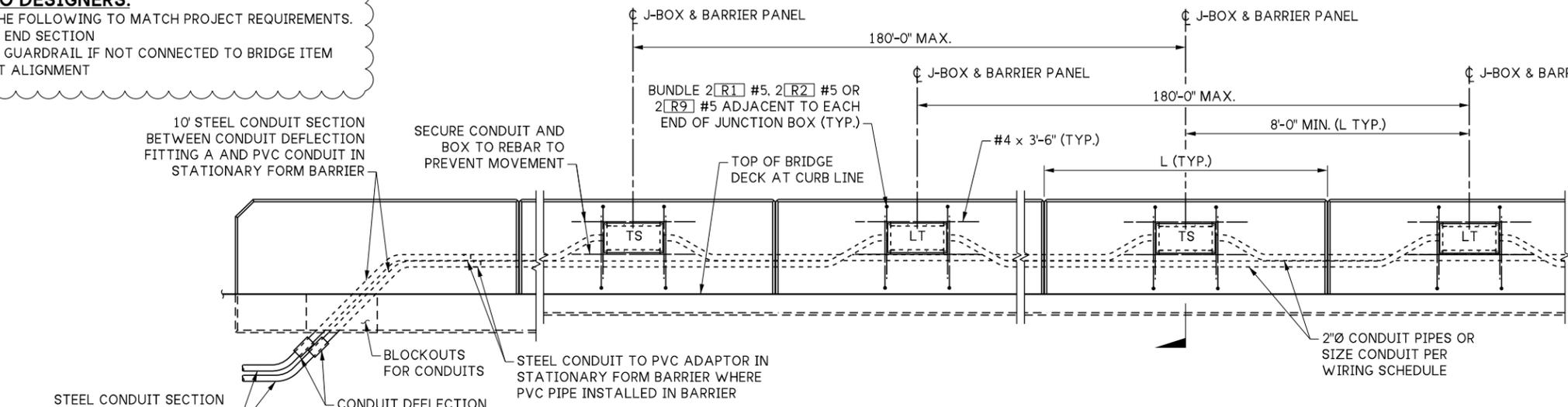


**PLAN
CONDUITS & J-BOX IN TRAFFIC BARRIER**

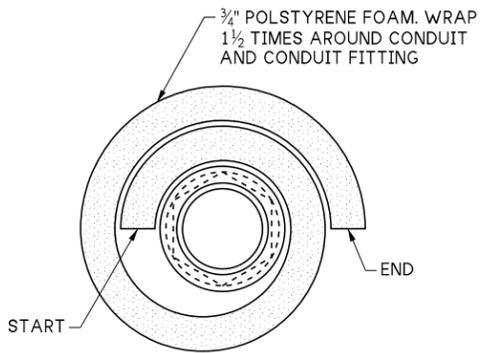


SECTION A

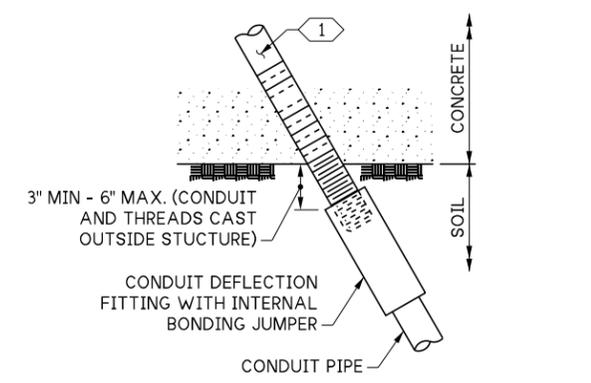
NOTE TO DESIGNERS:
 MODIFY THE FOLLOWING TO MATCH PROJECT REQUIREMENTS.
 1. BARRIER END SECTION
 2. REMOVE GUARDRAIL IF NOT CONNECTED TO BRIDGE ITEM
 3. CONDUIT ALIGNMENT



**ELEVATION
CONDUITS & J-BOX IN TRAFFIC BARRIER**

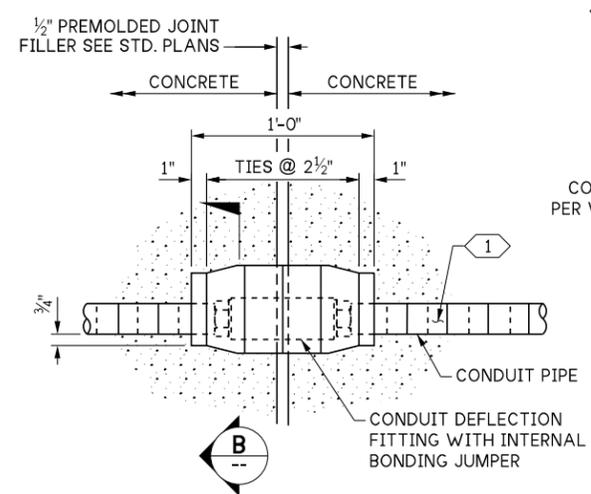


SECTION B



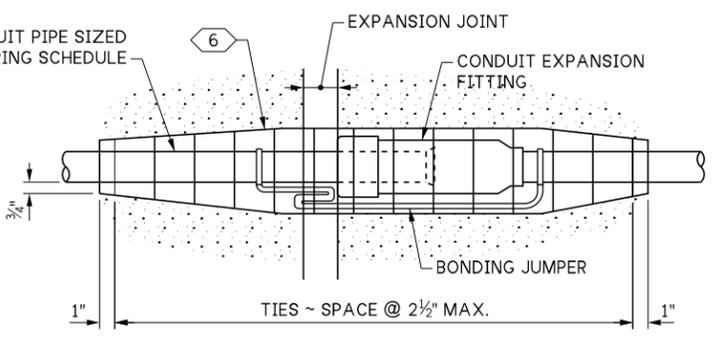
CONDUIT DEFLECTION FITTING A

CONDUIT FITTING - TYPE DX FOR DEFLECITON OF 30° AND 3/4" MOVEMENT



CONDUIT DEFLECTION FITTING B

CONDUIT FITTING - TYPE DX FOR DEFLECITON OF 30° AND 3/4" MOVEMENT



CONDUIT EXPANSION FITTING

CONDUIT FITTING - (TYPE AX FOR MOVEMENT OF ± 2") AT BRIDGE EXPANSION JOINTS

KEY NOTES:

- 1 WHERE CONDUIT IN A STRUCTURE IS ROUTED ACROSS A JOINT, WRAP STEEL CONDUIT PIPE FOR 1'-0" ON EACH SIDE OF JOINT. PIPE WRAP TAPE SHALL BE 2" WIDE, 20 MIL THICK, AND INSTALLED WITH A MINIMUM OF 1" OVERLAP.
- 2 PLACE AT CONDUIT PIPE EXIT FROM STRUCTURE AND SHALL BE IN NEUTRAL STATE AFTER INSTALLATION.
- 3 CONDUIT PIPES PLACED THROUGH RETAINING WALL TRAFFIC BARRIER SHALL BE FITTED WITH DEFLECTION FITTINGS AT A MAXIMUM SPACING OF 120'. THE DEFLECTION FITTINGS SHALL BE PLACED AT THE TRAFFIC BARRIER OPEN JOINT THAT COINCIDES WITH THE RETAINING WALL EXPANSION JOINT.
- 4 LABEL JUNCTION BOX COVER IN ACCORDANCE WITH STANDARD SPECIFICATION SECTION 9-29.2(4). ADJACENT JUNCTION BOXES ARE SHOWN CENTERED BETWEEN ADJACENT DUMMY JOINTS. IF THE DISTANCE BETWEEN ADJACENT DUMMY JOINTS IS 16'-0" OR GREATER, PLACE ADJACENT JUNCTION BOXES SYMMETRICALLY ON EITHER SIDE OF THE CENTER OF ONE DUMMY PANEL WHILE MAINTAINING 8'-0" MINIMUM BETWEEN CENTER LINES OF THE JUNCTION BOXES.
- 5 NEMA 4X IN STATIONARY FORM BARRIER, OR NEMA 3R IN SLIP FORM BARRIER, MOUNT JUNCTION BOX SO COVER IS FLUSH WITH BARRIER. CAN BE RECESSED UP TO 3/8".
- 6 3'-0" LONG EXPANDED POLYSTYRENE SLEEVE AROUND CONDUIT. DUCT TAPE SEAMS AND ENDS TO SEAL AND PREVENT CONCRETE FROM BONDING WITH FITTING AND CONDUIT.

10.4-A-2-3

FILE NAME: 10.4-A2-3_Traffic Barrier Shape F Rehab 3 of 3.dgn BRIDGE DES. ENG. BRIDGE PROJ. ENG. SUPERVISOR DESIGNED BY CHECKED BY ENTERED BY PRELIM. PLAN BY ARCH. / SPEC.	REVISION DATE BY	REGION NO. 10 STATE WASH JOB NUMBER CONTRACT NO.	 PRELIMINARY PLAN NOT FOR CONSTRUCTION	SEE CERTIFICATION SHEET DATE STAMP BOX	SEE CERTIFICATION SHEET DATE STAMP BOX	STANDARD DESIGN DRAWINGS TRAFFIC BARRIERS TRAFFIC BARRIER - SHAPE F REHABILITATION - DETAILS 3 OF 3	PLAN REF NO SHEET OF SHEETS
PLOT DATE: 07-Oct-2025 PLOT TIME: 1:31:08 PM PLOTTED BY: deboejak FILE PATH: pw://projectstore.wsdot.wa.gov:WSDOT/Documents/_HQ/Bridge & Structures/Bridge Design/_Design Standards/Standard Drawings and Details/Barriers and Railings/Barrier and Rail Retrofit/_DGN/10.4-A2-3_Traffic Barrier Shape F Rehab 3 of 3.dgn							