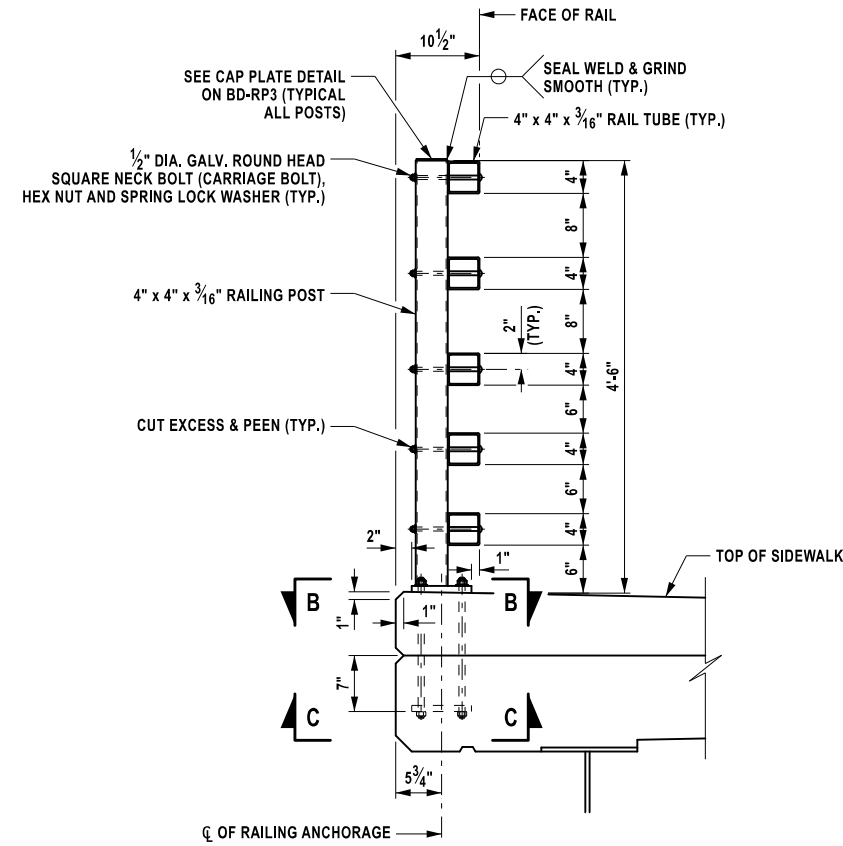
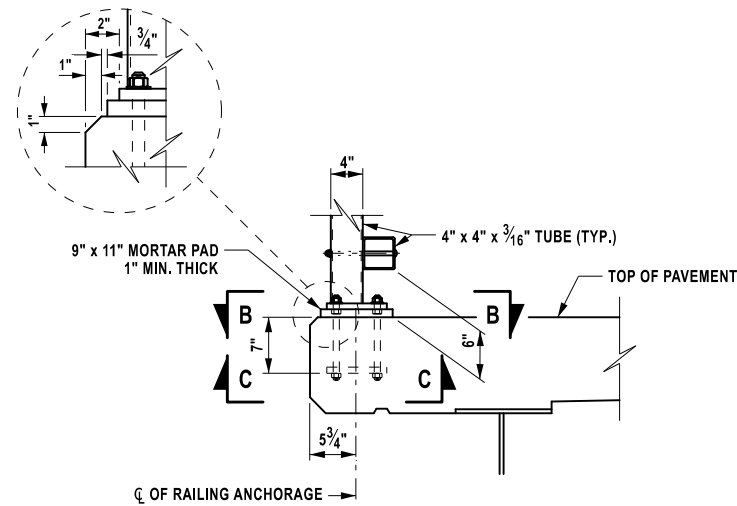
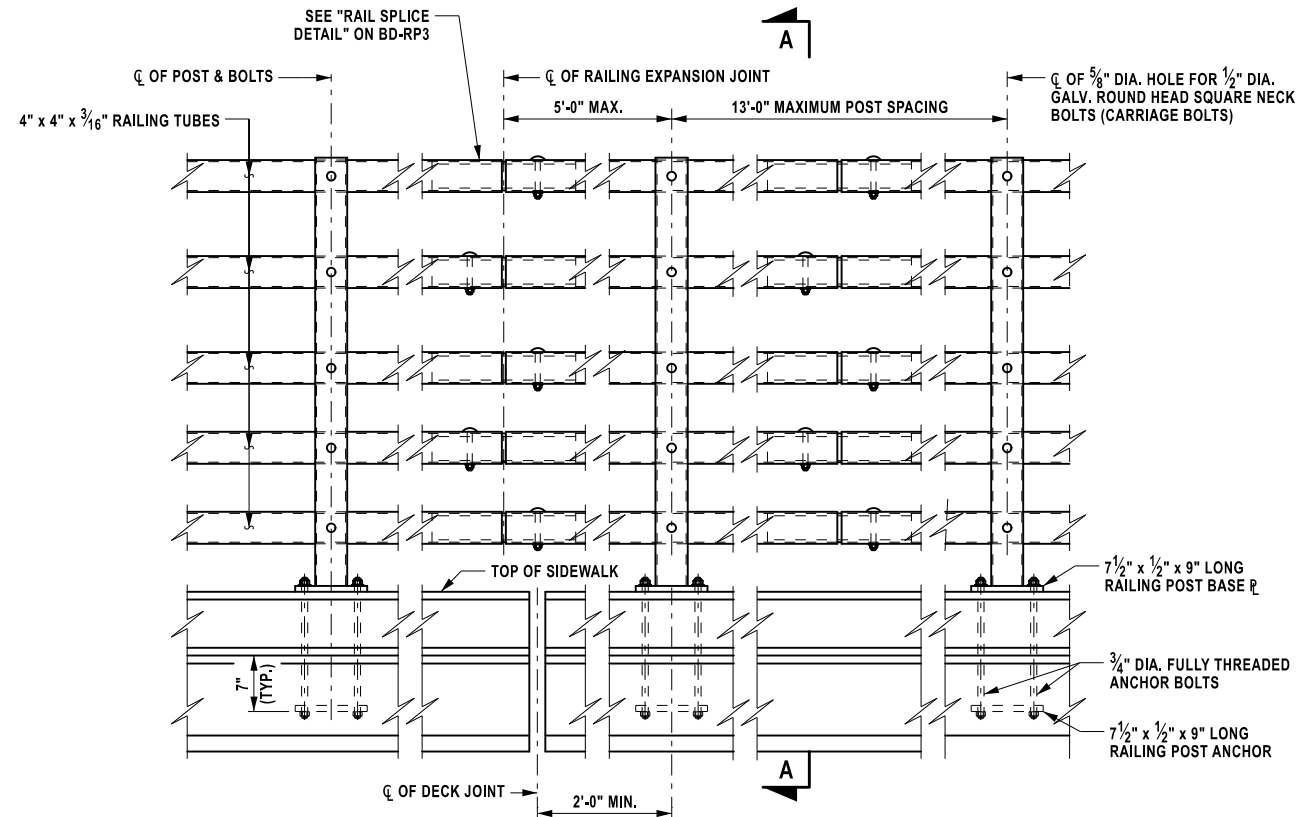




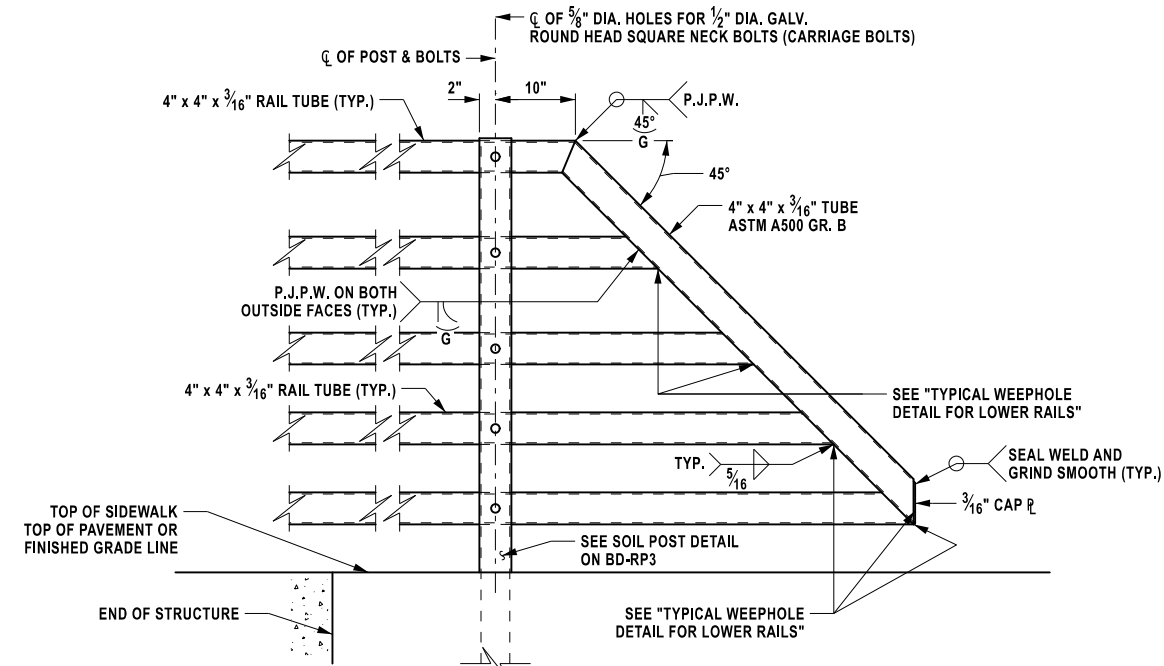
SECTION A-A



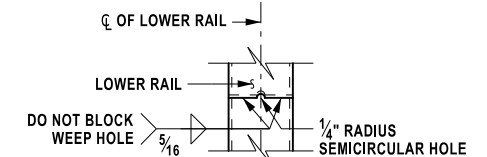
CURBLESS RAILING POST ANCHORAGE
DETAILS ON SUPERSTRUCTURE



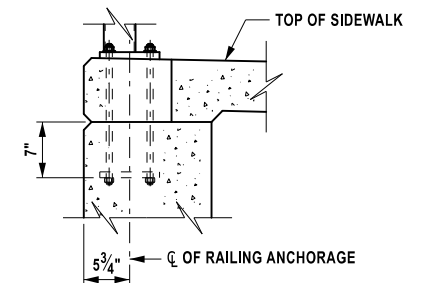
TYPICAL OUTSIDE ELEVATION



TYPICAL END ELEVATION FOR BICYCLE RAILING



TYPICAL WEEPHOLE DETAIL
FOR LOWER RAILS



RAILING POST ANCHORAGE
DETAIL ON U-WINGWALL

DESIGNER NOTE:

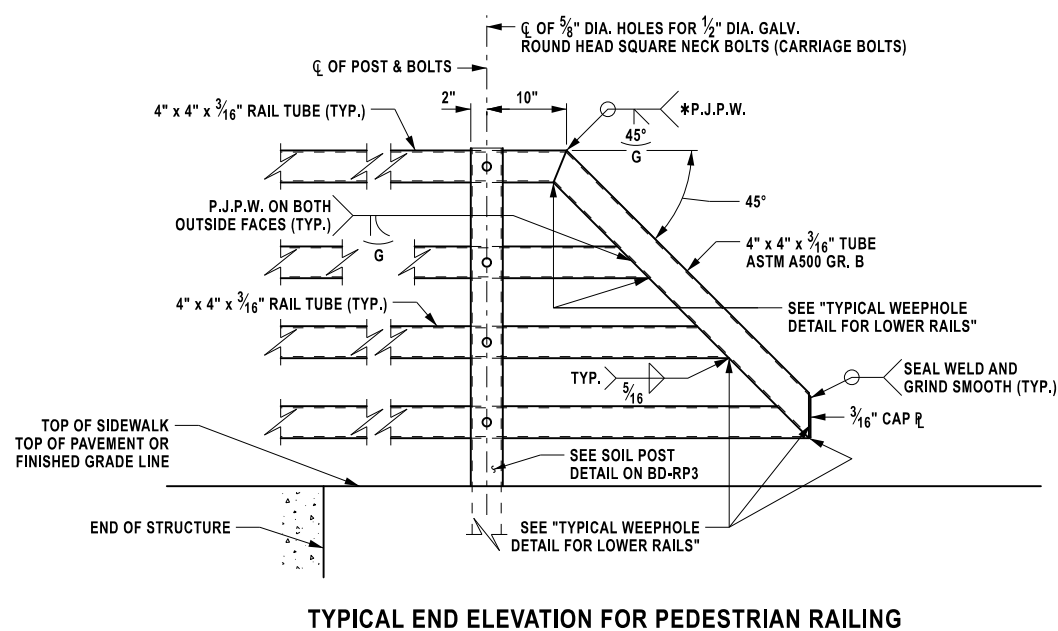
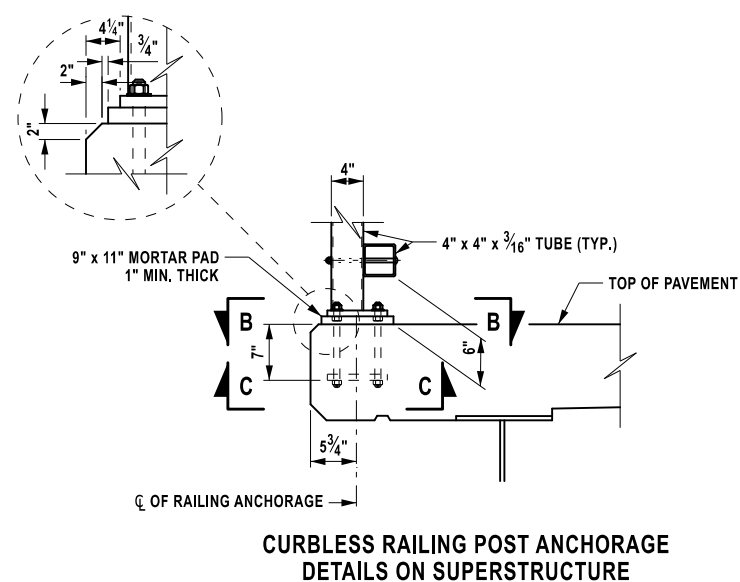
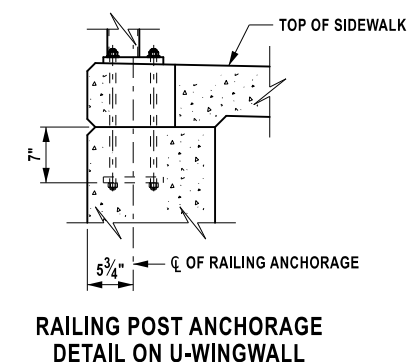
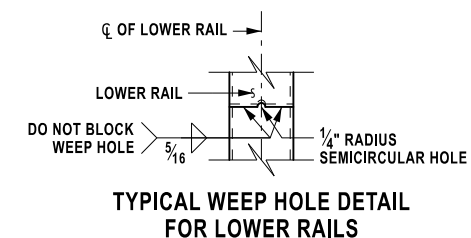
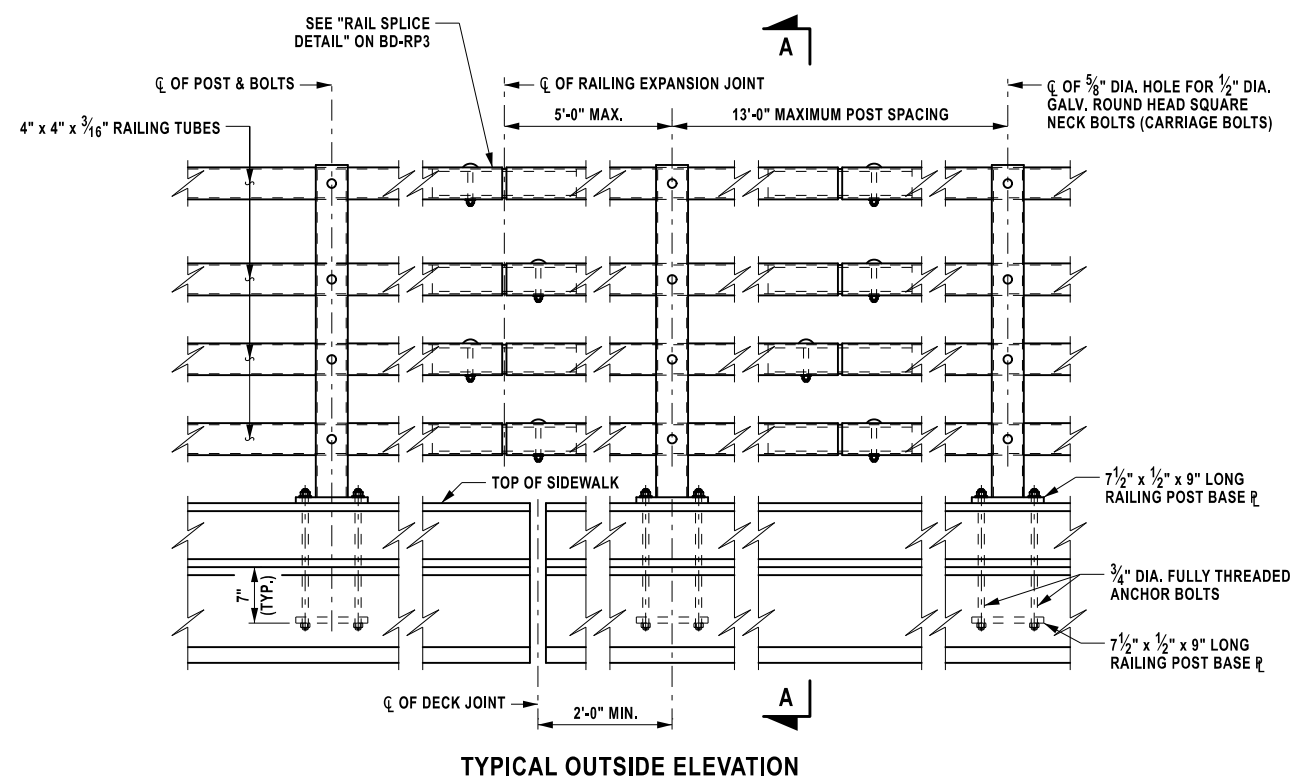
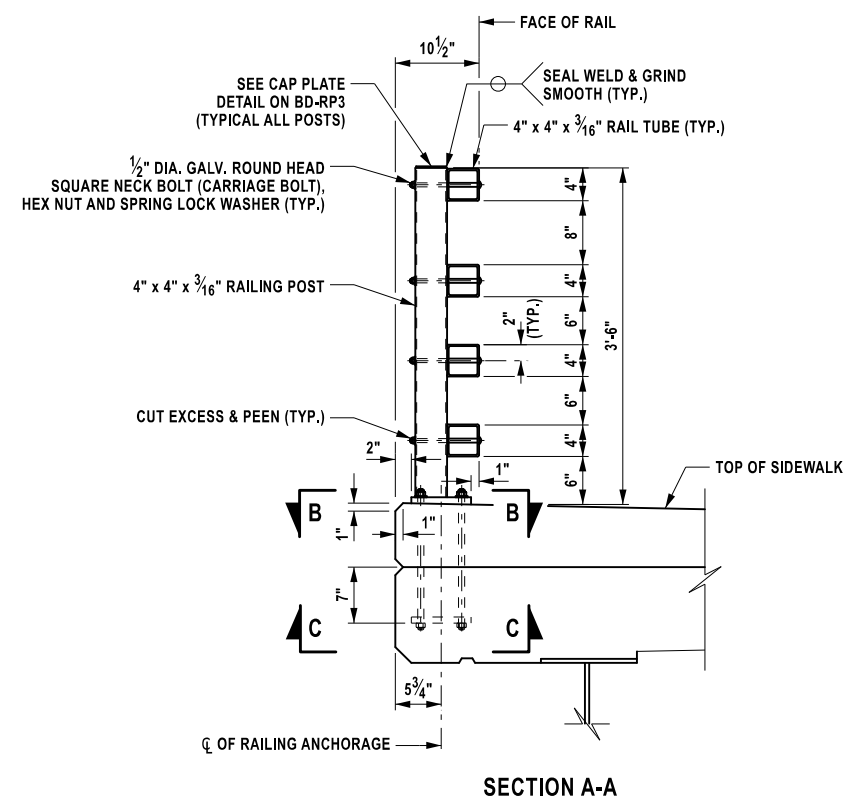
THE DETAILS SHOWN ARE TO BE USED ON BICYCLE BRIDGES OR BRIDGES CARRYING A COMBINATION OF BICYCLE AND PEDESTRAIN TRAFFIC AND ON BRIDGE FASCIA WHERE THE NON-VEHICULAR TRAFFIC IS PHYSICALLY SEPERATED FROM THE HIGHWAY TRAVEL LANES BY A TRAFFIC BARRIER OR RAILING.

NOTES:

FOR SECTION B-B, C-C, CAP PLATE DETAIL AND SOIL POST DETAIL, SEE BD-RP3.

*P.J.P.W. = PARTIAL JOINT PENETRATION WELD

REVISED	 Department of Transportation	BICYCLE BRIDGE RAILING (NON-VEHICULAR TRAFFIC)
ERRATA		
09/2026		
APPROVED: 09/29/2026 ORIGINAL SIGNED BY: BRENDA CRUDELE, P.E. DEPUTY CHIEF ENGINEER (STRUCTURES)		ORIGINAL ISSUED UNDER EB 26-004 CURRENT ISSUED UNDER EB 26-041 EFFECTIVE WITH THE LETTING OF 01/01/2027



DESIGNER NOTE:

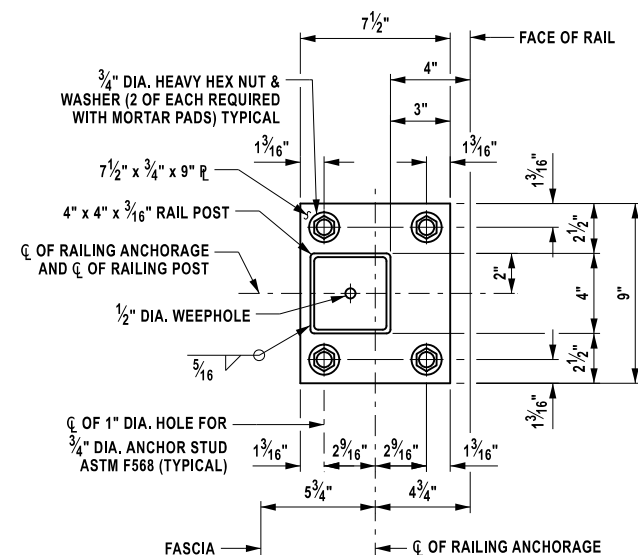
THE DETAILS SHOWN ARE TO BE USED ON PEDESTRIAN BRIDGES AND ON BRIDGE FASCIAS WHERE THE PEDESTRIAN TRAFFIC IS PHYSICALLY SEPARATED FROM THE TRAVEL LANES BY A TRAFFIC BARRIER OR RAIL.

NOTES:

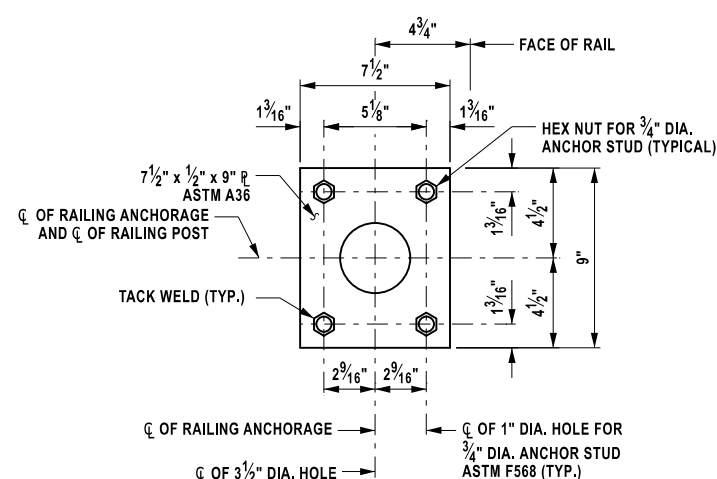
**FOR SECTION B-B, C-C, CAP PLATE DETAIL AND SOIL POST DETAIL,
SEE BD-RP3.**

*** P.J.P.W. = PARTIAL JOINT PENETRATION WELD**

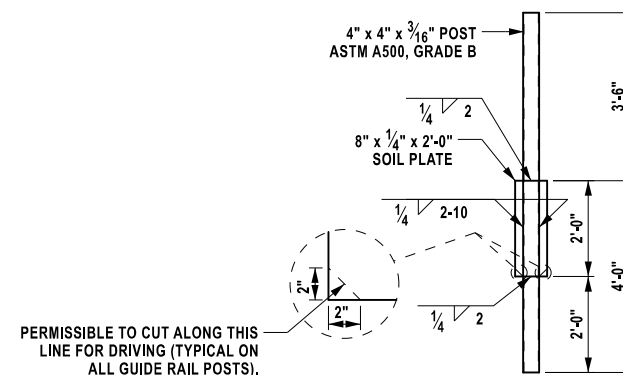
REVISED	 Department of Transportation	
ERRATA	PEDESTRIAN BRIDGE RAILING (NON-VEHICULAR TRAFFIC)	
09/2026		
APPROVED: 09/29/2026 ORIGINAL SIGNED BY: BRENDA CRUDELE, P.E. DEPUTY CHIEF ENGINEER (STRUCTURES)		ORIGINAL ISSUED UNDER EB 26-004 CURRENT ISSUED UNDER EB 26-041 EFFECTIVE WITH THE LETTING OF 01/01/2027



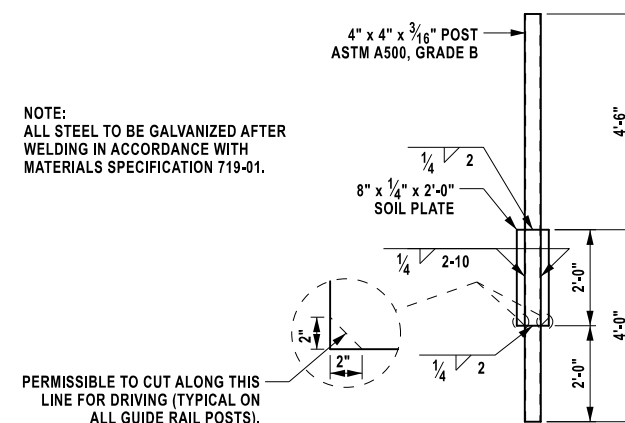
SECTION B-B
RAILING POST BASE PLATE



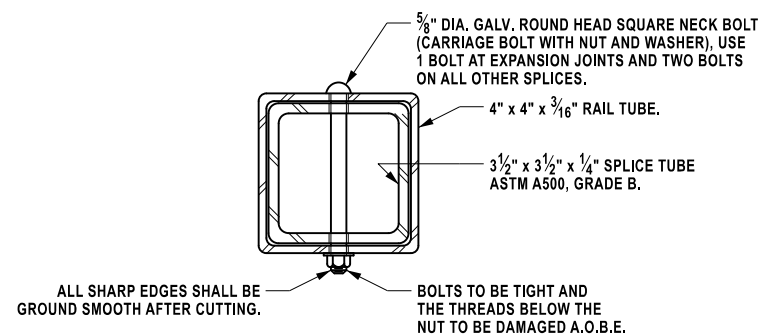
SECTION C-C
RAILING POST ANCHOR PLATE



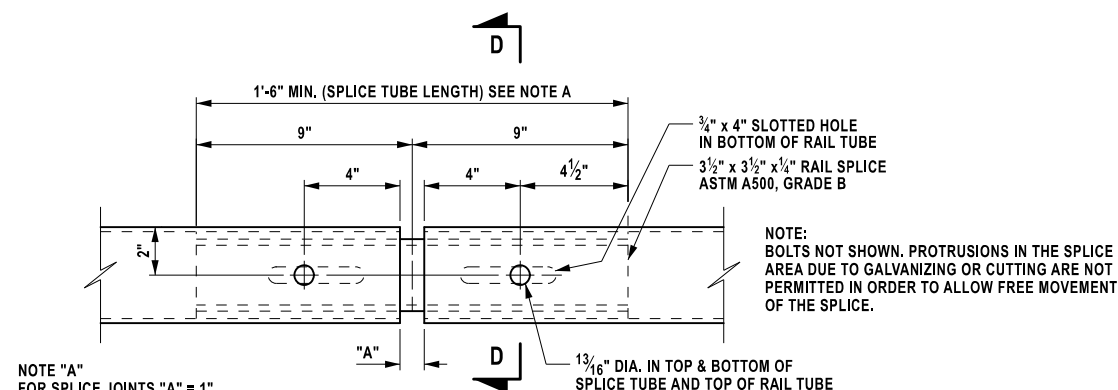
**SOIL POST DETAIL FOR PEDESTRIAN
BRIDGE RAILING (FOUR-RAIL)**
(TO BE USED OFF OF THE STRUCTURE)



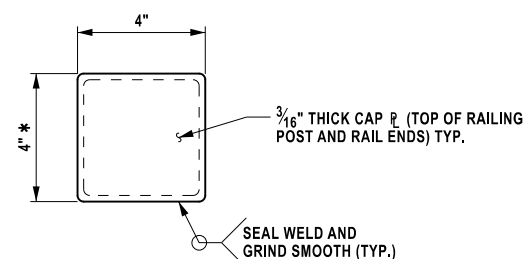
**SOIL POST DETAIL FOR BICYCLE
BRIDGE RAILING (FIVE-RAIL)**
(TO BE USED OFF OF THE STRUCTURE)



SECTION D-D



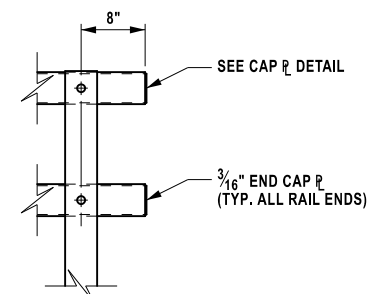
RAIL SPLICE DETAIL



CAP PLATE DETAIL
(TYPICAL FOR TOP OF RAILING
POSTS AND RAIL ENDS)

NOTE:
END CAPS FOR RAILING ARE TO BE USED
ONLY WHERE THE RAIL TERMINATES AND AT
THE TOPS OF ALL RAILING POSTS.

* THIS DIMENSION MAY BE LARGER FOR END RAILS SET AT A 45° SLOPE.



ALTERNATE RAIL TERMINATION DETAIL

NOTES:

ALL RAILING IS TO BE FABRICATED AND ERECTED SO THAT THE RAILS ARE PARALLEL TO EACH OTHER AND TO THE GRADE. THE POSTS ARE TO BE TRULY VERTICAL.

WHEN THE RAILING IS TO BE PLACED ON A PREFORMED SURFACE, THE BASE PLATE MAY BE PARALLEL TO THE GRADE OR MAY BE PERPENDICULAR TO THE POST AND MADE LEVEL BY THE USE OF (1:1 RATIO CEMENT TO SAND) MORTAR.

TUBULAR STEEL RAILS, RAIL POSTS, NUTS AND WASHERS, CARRIAGE BOLTS, BASE PLATE ASSEMBLIES, ANCHOR STUDS, ANCHOR PLATES, ANY NECESSARY SHIMS AND MORTAR PADS TO BE PAID FOR UNDER THE RAILING ITEM.

AFTER THE ANCHOR STUD NUTS HAVE BEEN PLACED AND TIGHTENED TO THE SATISFACTION OF THE ENGINEER, THE STUDS SHALL BE CUT OFF 1" ABOVE THE NUT AND THE THREADS SHALL BE DAMAGED SO THE NUT SHALL NOT BACK OFF.

RAIL SHALL SPAN A MINIMUM OF 3 POSTS, EXCEPT AT THE END OF THE BRIDGE RAILING WHERE THE RAIL MAY SPAN A MINIMUM OF 2 POSTS.

RAILING COMPONENTS ARE TO BE GALVANIZED IN ACCORDANCE WITH THE MATERIALS SPECIFICATION 719-01.

PRIOR TO GALVANIZING, GRIND ALL SHARP EDGES TO A MINIMUM RADIUS OF $\frac{1}{16}$ ".

CEMENT MORTAR PADS SHALL BE PAID FOR UNDER THE RAILING ITEM.

REPAIRS TO ALL DAMAGED GALVANIZED SURFACES INCLUDING ANCHOR STUDS SHALL BE MADE IN ACCORDANCE WITH MATERIALS SPECIFICATION 719-01.

DESIGNER NOTE:

IF GRADE OF BRIDGE EXCEEDS 8%, THE DESIGNER MAY ELECT TO DESIGNATE ON THE PLANS THAT THE POSTS ARE TO BE SET PERPENDICULAR TO THE GRADE.

NOTE:

FOR LOCATION OF SECTIONS B-B, C-C, END CAP DETAIL AND SOIL POST
DETAIL. SEE BD-RP1 AND BD-RP2.

REVISED		Department of Transportation
ERRATA	SECTIONS AND DETAILS FOR BICYCLE AND PEDESTRIAN BRIDGE RAILING	
09/2026		
APPROVED: 09/29/2026 ORIGINAL SIGNED BY: BRENDA CRUDELE, P.E.		ORIGINAL ISSUED UNDER EB 26-004 CURRENT ISSUED UNDER EB 26-041 EFFECTIVE WITH THE LETTING OF 01/01/2027
DEPUTY CHIEF ENGINEER (STRUCTURES)		