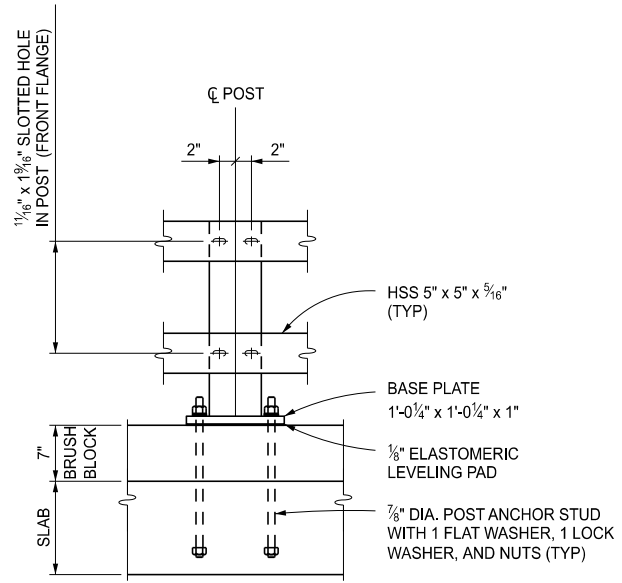
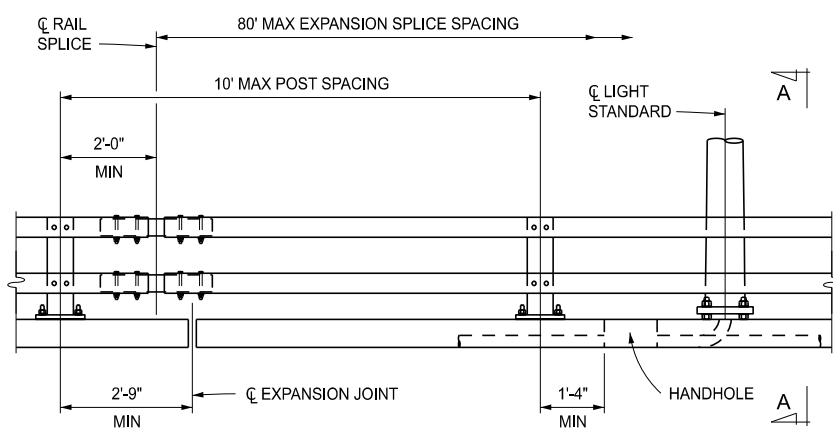


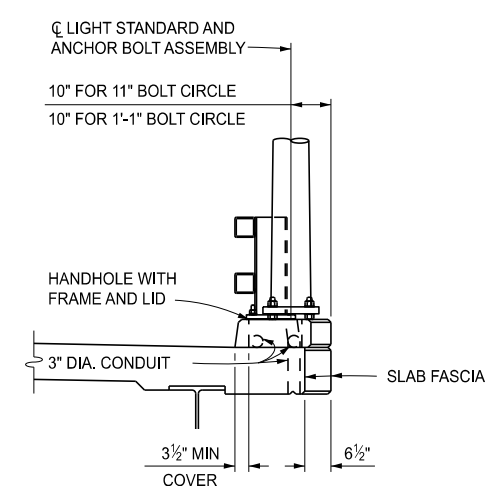
SECTION THROUGH BRUSH BLOCK AND RAILING



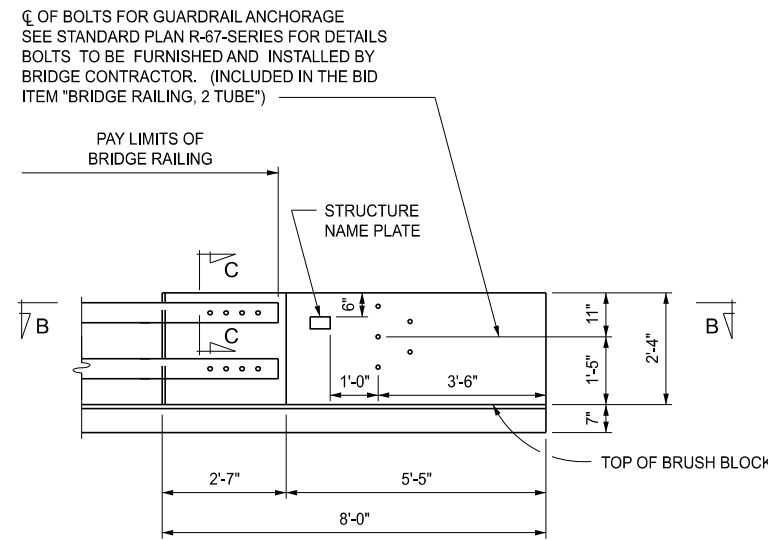
POST ELEVATION



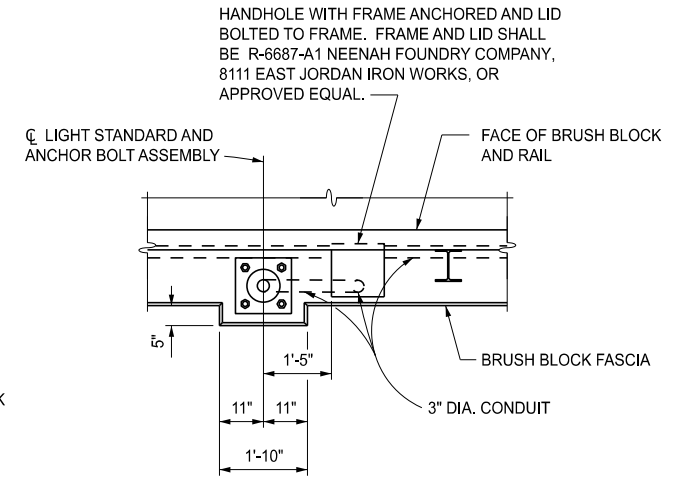
RAILING ELEVATION



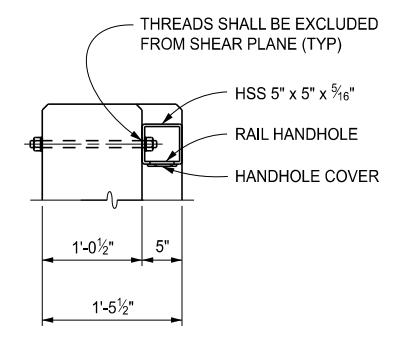
SECTION A-A



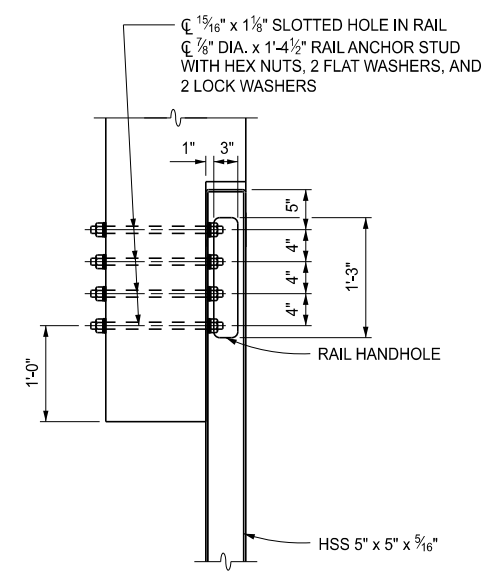
END WALL ELEVATION



PLAN VIEW AT LIGHT STANDARD



SECTION C-C



SECTION B-B

APPROVED BY: \_\_\_\_\_  
DIRECTOR, BUREAU OF BRIDGES AND STRUCTURES

APPROVED BY: \_\_\_\_\_  
DIRECTOR, BUREAU OF FIELD SERVICES

APPROVED BY: \_\_\_\_\_  
DIRECTOR, BUREAU OF DEVELOPMENT



DEPARTMENT DIRECTOR  
BRADLEY C. WIEFERICH, PE

STANDARD PLAN FOR  
BRIDGE RAILING, 2 TUBE

(SPECIAL DETAIL)	04/16/2024	B-21-K	SHEET 1 OF 4
FHWA APPROVAL	PLAN DATE		

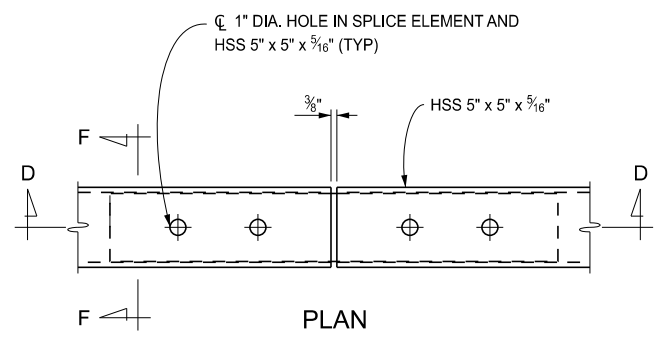


DEPARTMENT DIRECTOR  
BRADLEY C. WIEFERICH, PE

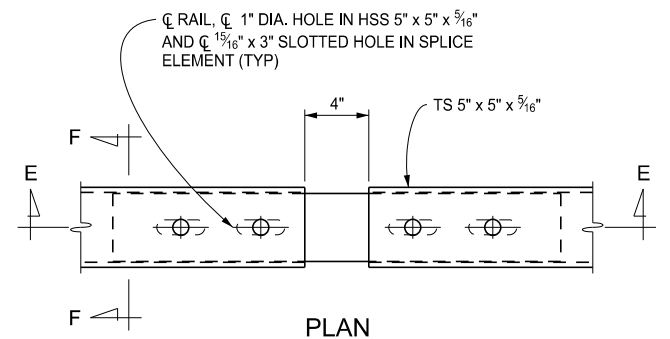
STANDARD PLAN FOR  
BRIDGE RAILING, 2 TUBE

(SPECIAL DETAIL)	04/16/2024	B-21-K	SHEET 2 OF 4
FHWA APPROVAL	PLAN DATE		

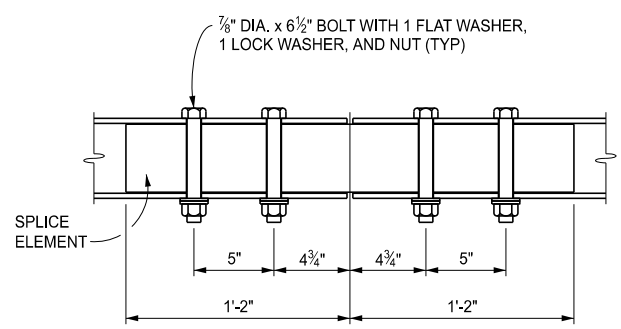
SECT



PLAN

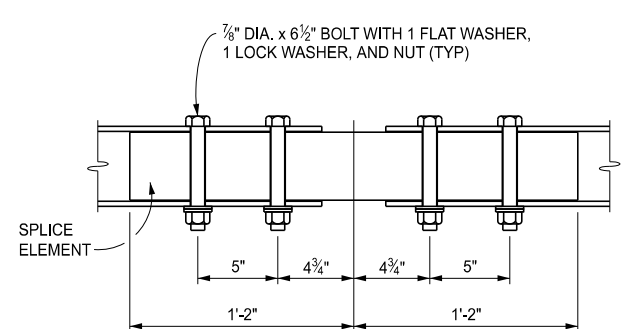


PLAN



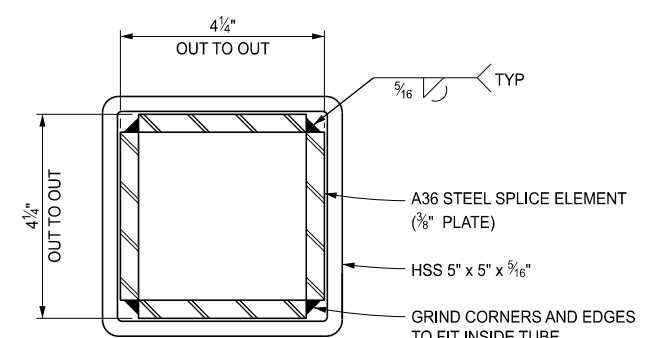
SECTION D-D

FIXED SPLICE DETAILS



SECTION E-E

EXPANSION SPLICE DETAILS

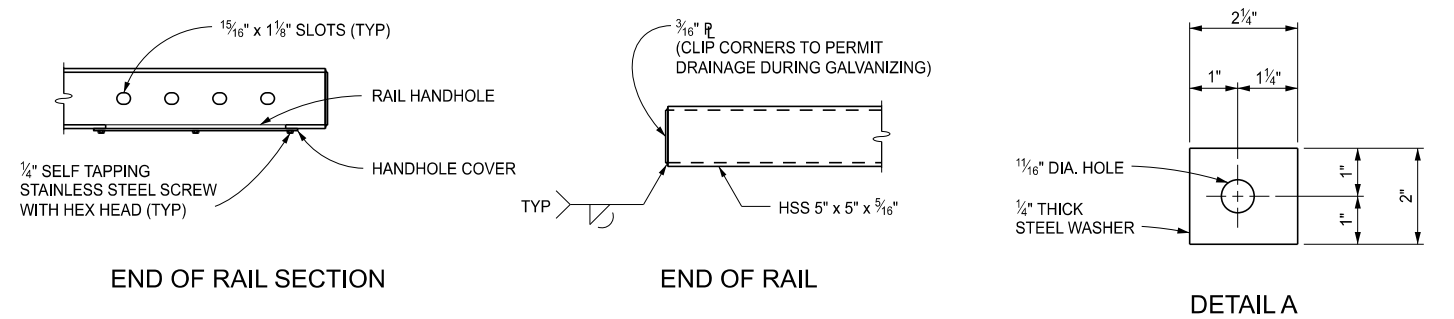


SECTION F-F

Michigan Department of Transportation

DEPARTMENT DIRECTOR  
BRADLEY C. WIEFERICH, PE

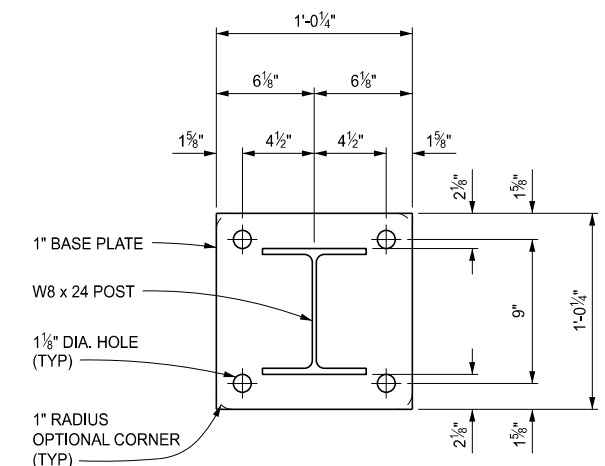
STANDARD PLAN FOR BRIDGE RAILING, 2 TUBE			
(SPECIAL DETAIL)	04/16/2024	B-21-K	SHEET 3 OF 4
FHWA APPROVAL	PLAN DATE		



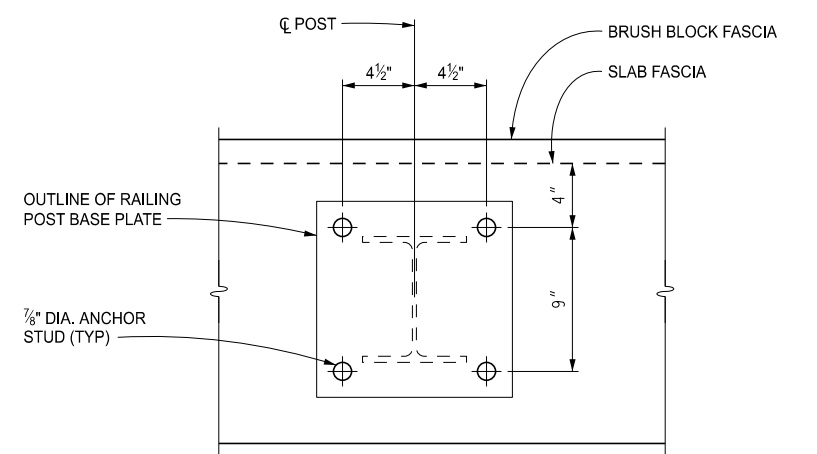
END OF RAIL SECTION

END OF RAIL

DETAIL A

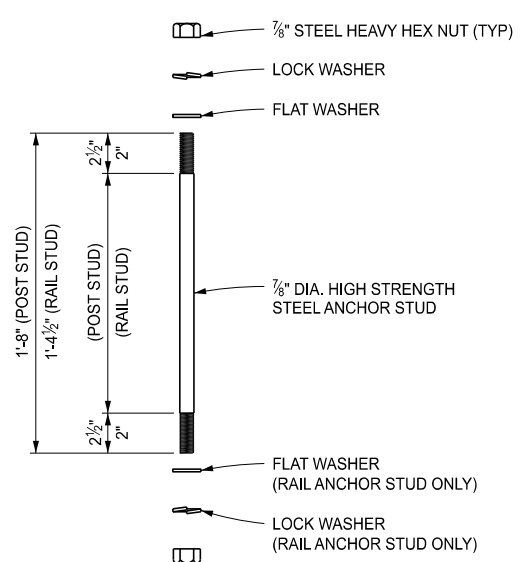


BASE PLATE DETAIL



ANCHOR STUD LAYOUT

NOTE: SURFACE UNDER POST IS TO BE FINISHED LEVEL



ANCHOR STUD DETAIL

NOTES:

DETAILS SHOWN ARE IN ACCORDANCE WITH CURRENT AASHTO SPECIFICATIONS.

ALL WORK AND MATERIAL SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR CONSTRUCTION.

THIS RAILING SHALL BE USED ONLY WITH THE BRUSH BLOCK SHOWN ON THIS SHEET.

FOR LIGHT STANDARD ANCHOR BOLT ASSEMBLY DETAILS, SEE STANDARD PLAN B-103-SERIES.

FENCING MAY BE ATTACHED TO THE NON-TRAFFIC SIDE OF THE 2 TUBE RAILING TO PROTECT PEDESTRIANS

Michigan Department of Transportation

DEPARTMENT DIRECTOR  
BRADLEY C. WIEFERICH, PE

STANDARD PLAN FOR BRIDGE RAILING, 2 TUBE			
(SPECIAL DETAIL)	04/16/2024	B-21-K	SHEET 4 OF 4
FHWA APPROVAL	PLAN DATE		