

#### NOTES:

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

DETAILS SHOWN ARE IN ACCORDANCE WITH CURRENT AASHTO SPECIFICATIONS.

BRIDGE RAILING USED WITH SIDEWALK SHALL BE USED ONLY WITH THE SIDEWALK CONFIGURATION (PROFILE) SHOWN ON THIS STANDARD PLAN.

NO SLIP FORMING OF "BRIDGE RAILING, AESTHETIC PARAPET TUBE" SHALL BE ALLOWED. RAILING SHALL BE CAST IN PLACE.

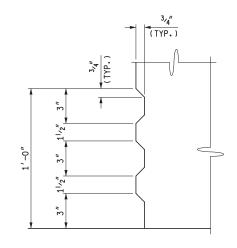
THE LIGHT STANDARD ANCHOR BOLT ASSEMBLY IS INCLUDED IN THE BID ITEM "BRIDGE RAILING, AESTHETIC PARAPET TUBE". SEE STANDARD PLAN B-103-SERIES.

FOR LIGHT STANDARD ANCHOR BOLT ASSEMBLY DETAILS, IF BRIDGE RAILING, AESTHETIC PARAPET TUBE IS PLACED FLUSH ON THE BRIDGE DECK (WITHOUT SIDEWALK), THE LIGHTING CONDUIT SHALL NOT BE PLACED IN THE RAILING.

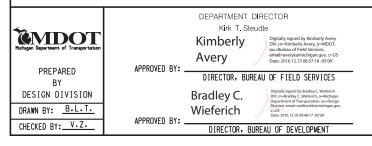
A RUBBED FINISH ON THE VERTICAL AND TOP CONCRETE SURFACES OF THE PARAPET RAILING IS REQUIRED.

AESTHETIC TREATMENT AS DETAILED ON THIS SHEET SHALL BE ADDED TO THE FASCIA SIDE OF RAILING IF NO AESTHETIC TREATMENT IS DETAILED ON THE PLAN SHEETS AND SHALL BE INCLUDED IN THE BID ITEM "BRIDGE RAILING, AESTHETIC PARAPET TUBE". AESTHETIC TREATMENT DETAILED ON THE PLAN SHEETS MAY BE UP TO 1" IN CONCRETE DEPTH WITHOUT MODIFICATION TO THE RAILING WIDTH AND SHALL BE INCLUDED IN THE BID ITEM "BRIDGE RAILING, AESTHETIC PARAPET TUBE". AESTHETIC TREATMENT REQUIRING ADDITIONAL RAILING WIDTH OR THE USE OF ELASTOMERIC FORM LINERS SHALL BE PAID FOR SEPARATELY.

\* THE HSS 2" x 2" x  $^{1}$ 8" RAIL, SLOTTED HOLE, AND  $^{5}$ 8" BOLT ARE NOT REQUIRED WHEN RAILING IS USED IN COMBINATION WITH PEDESTRIAN FENCING (SEE STANDARD PLAN B-41-SERIES).



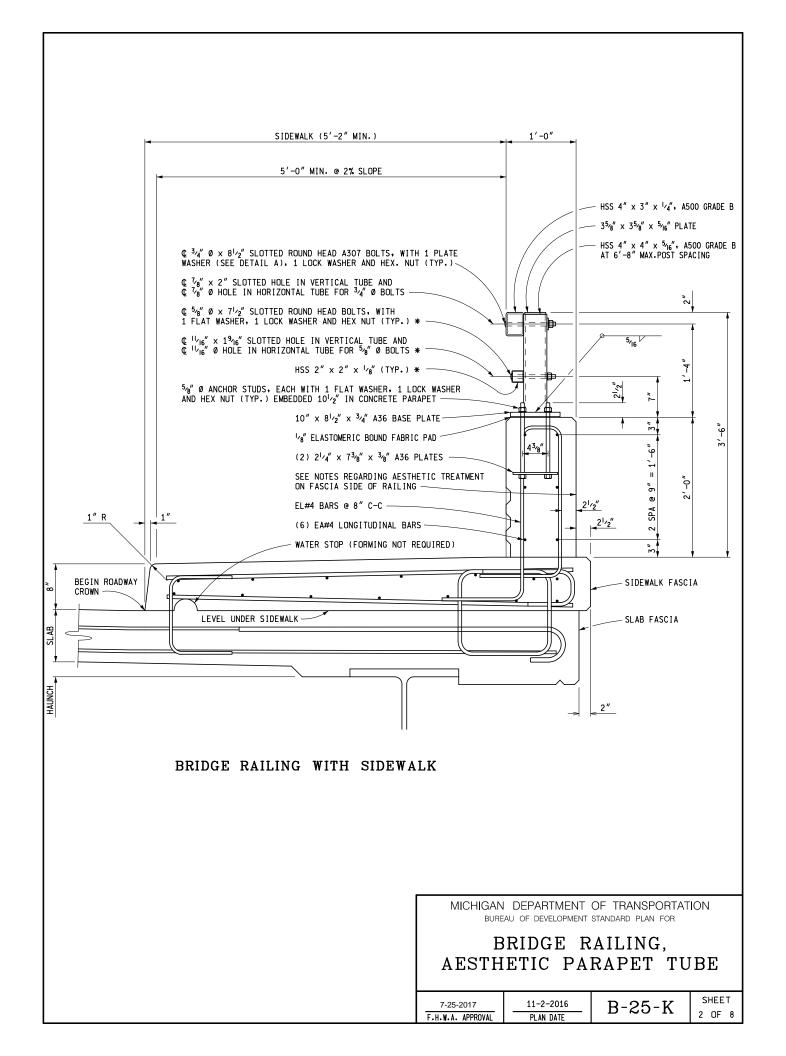
AESTHETIC TREATMENT DETAIL

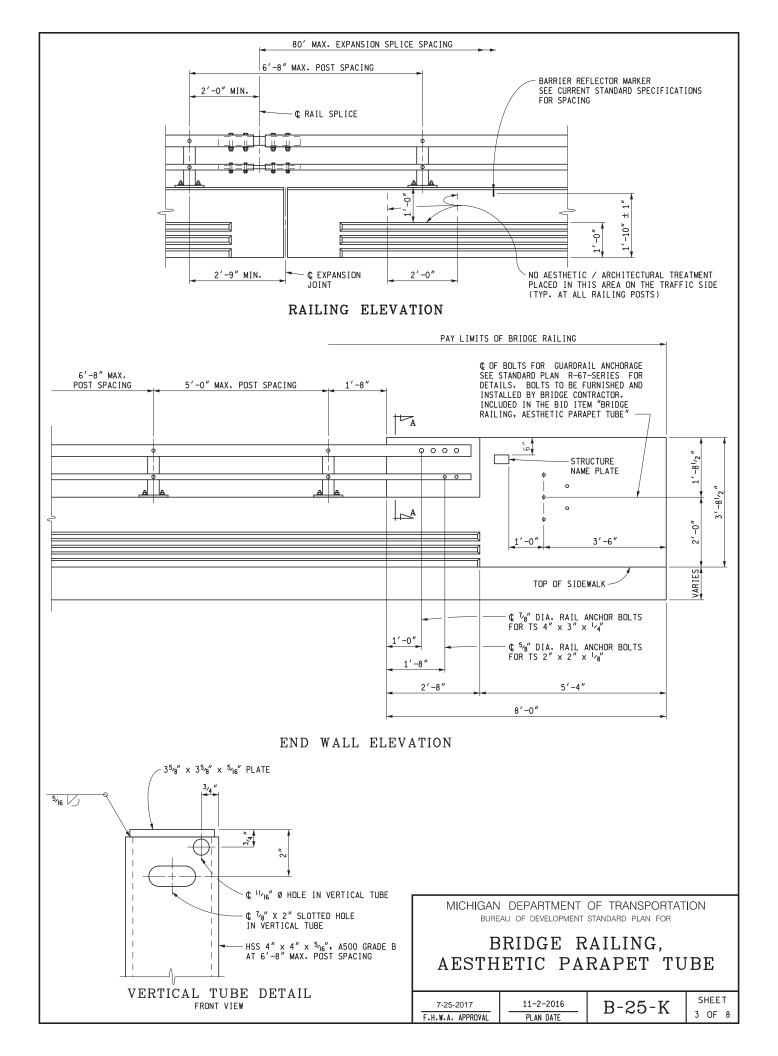


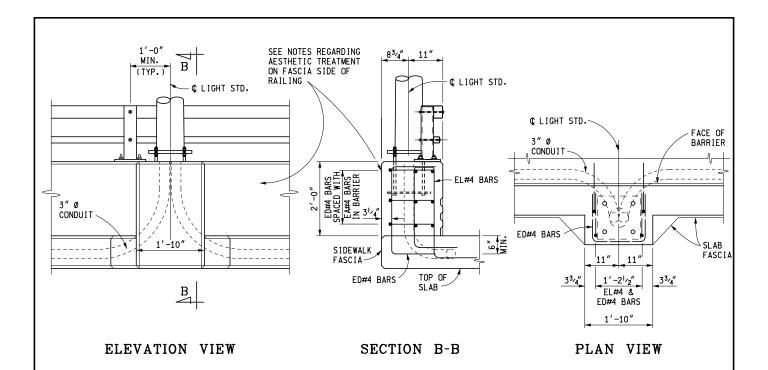
MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF DEVELOPMENT STANDARD PLAN FOR

### BRIDGE RAILING, AESTHETIC PARAPET TUBE

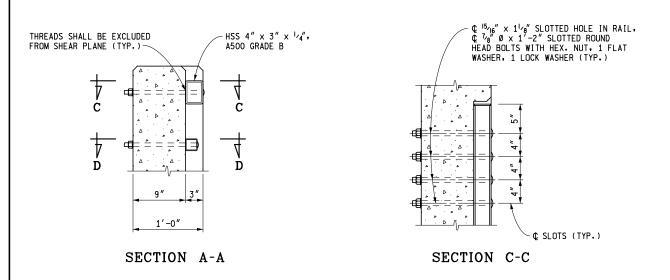
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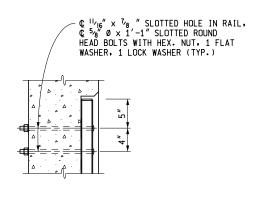






#### LIGHT STANDARD DETAILS



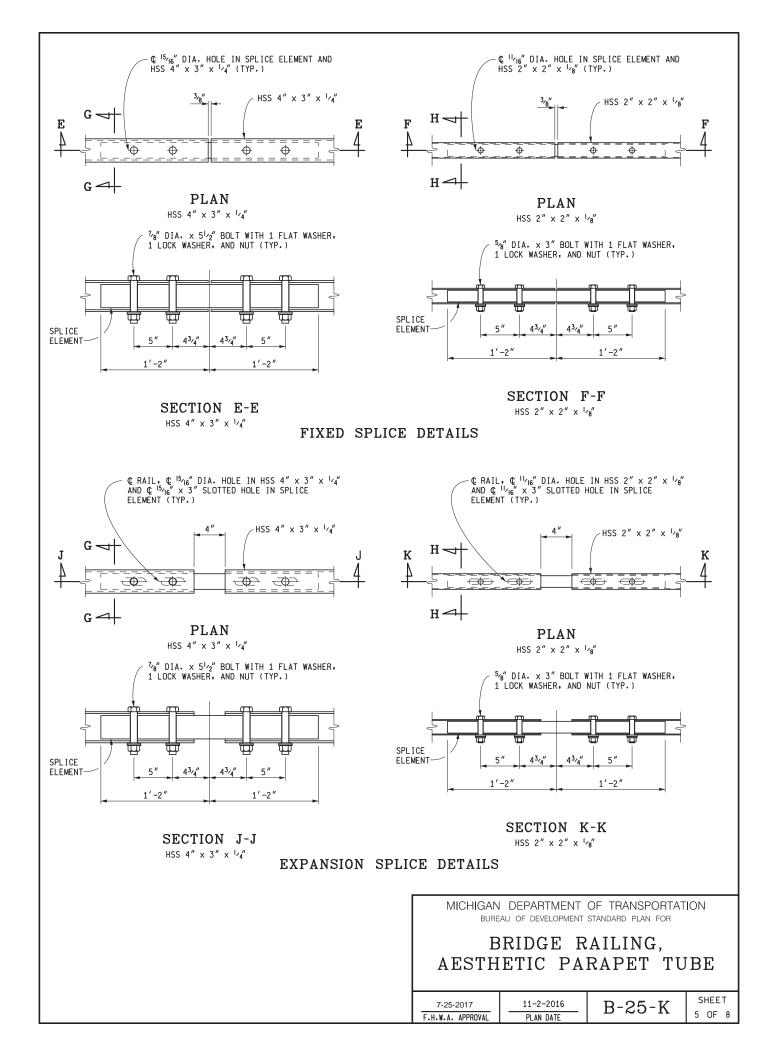


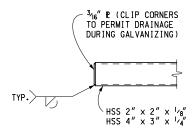
SECTION D-D

MICHIGAN DEPARTMENT OF TRANSPORTATION BUREAU OF DEVELOPMENT STANDARD PLAN FOR

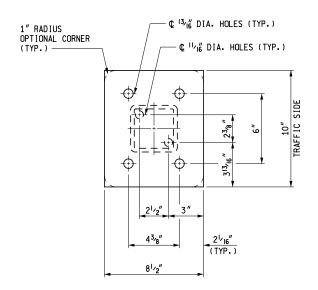
## BRIDGE RAILING, AESTHETIC PARAPET TUBE

7-25-2017	11-2-2016	B-25-K	SHEET
.H.W.A. APPROVAL	PLAN DATE		4 OF 8

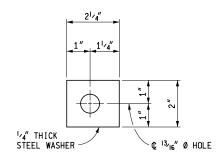




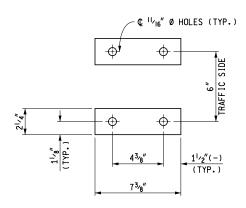
END OF RAIL



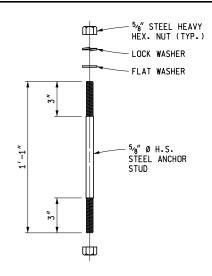
EXTERIOR BASE PLATE



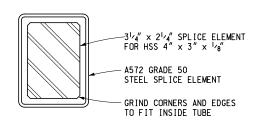
DETAIL A



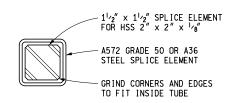
EMBEDDED ANCHOR STUD PLATES



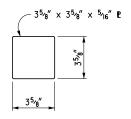
ANCHOR STUD DETAIL



SECTION G-G



SECTION H-H

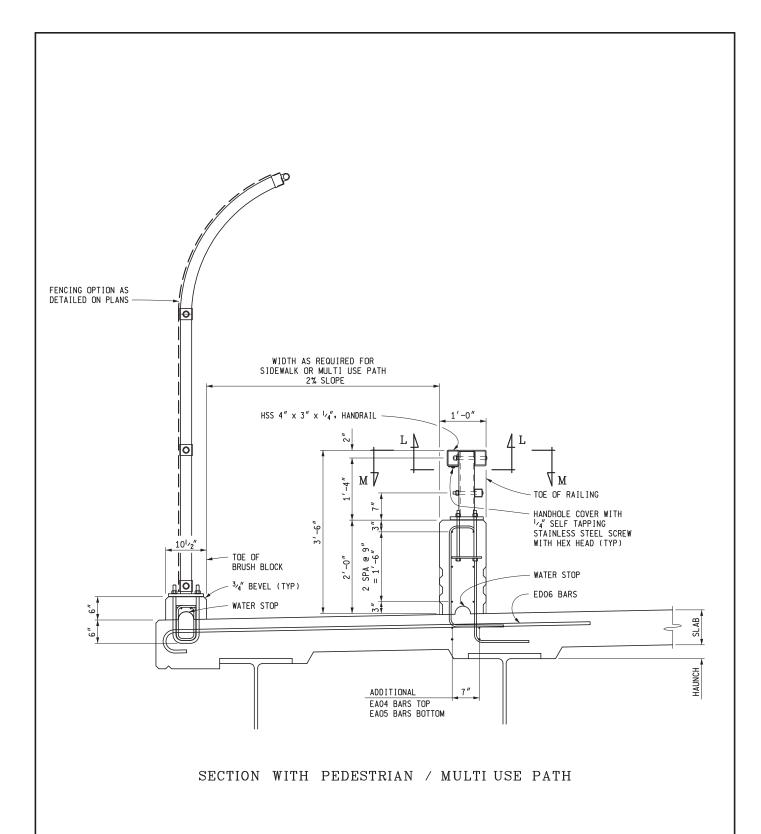


POST COVER PLATE

MICHIGAN DEPARTMENT OF TRANSPORTATION BUREAU OF DEVELOPMENT STANDARD PLAN FOR

### BRIDGE RAILING, AESTHETIC PARAPET TUBE

7-25-2017	11-2-2016	B-25-K	SHEET
F.H.W.A. APPROVAL	PLAN DATE	D 20 11	6 OF 8



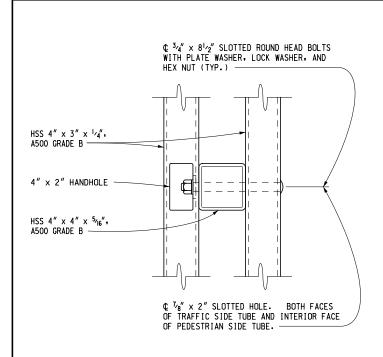
MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF DEVELOPMENT STANDARD PLAN FOR

# BRIDGE RAILING, AESTHETIC PARAPET TUBE

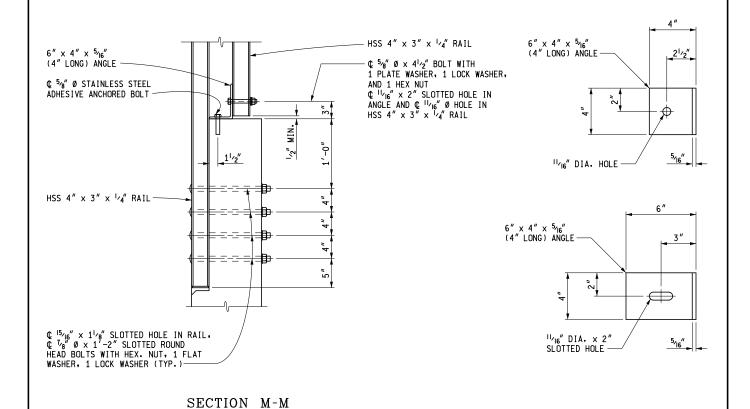
7-25-2017 1 F.H.W.A. APPROVAL

11-2-2016 PLAN DATE B-25-K

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#### SECTION L-L



MICHIGAN DEPARTMENT OF TRANSPORTATION BUREAU OF DEVELOPMENT STANDARD PLAN FOR

## BRIDGE RAILING, AESTHETIC PARAPET TUBE

7-25-2017	11-2-2016	B-25-K	SHEET
F.H.W.A. APPROVAL	PLAN DATE	D 20 11	8 OF 8