

P 'A' FRONT AND BACK OF BOLTED CONNECTION, TOTAL 4

SURFACE ELEVATION BACK OF SIDEWALK

11/4" HOLES

9"

DETAIL A

BRIDGE SIDEWALK SEE NOTE 5,

-END CAP (TYPE A)

₽`A′

-SIDEWALK

CONNECTION DETAIL GG

See Notes 4

-- 1/4" P

11/4" HOLES

MGS

PLATE 'A'

BRIDGE RAILING

FACE OF CURB

END CAP (TYPE TC)

CONNECTION DETAIL FF

See Notes 3

11/4" HOLES

-- 1/2" ₽

SEE NOTE 6

~ SIDEWALK

PLATE 'B'

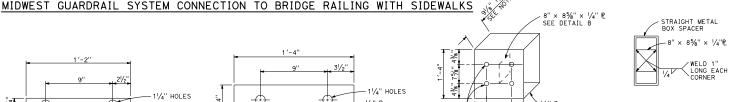
(For backside of connection SB)

PLAN

ELEVATION

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- 1. See Revised Standard Plan RSP A77V2 for additional connection details to bridges with sidewalks.
- 2. For additional details of Transition Railing (Type WB-31), see Revised Standard Plan RSP A77U4. Transition Railing (Type WB-31) transitions the 12 gauge MGS railing section to a heavier gage nested thrie beam railing section which is connected to the concrete bridge railing.
- 3. For typical use of Connection Detail FF, see Layout Types 12A and 12B on Revised Standard Plan RSP A77Q1.
- 4. For typical use of Connection Detail GG, see Layout Type 12D on Revised Standard Plan RSP A7702 and Layout Type 12DD on Revised Standard Plan RSP A7705.
- 5. Where the bridge sidewalk is not continued beyond the end of the bridge railing, the portion of the sidewalk beyond each end of the bridge railing shall be transitioned down from the top elevation of the sidewalk, for its entire width, to the finished grade of the adjacent roadbed. The longitudinal slope of each sidewalk elevation transition shall not exceed 8.33 percent.
- 6. For details of End Cap (Type TC), see Revised Standard Plan RSP A77U4.
- 7. See Revised Standard Plan RSP A77U4 for additional details regarding depth dimension for straight metal box spacer.



HOLE PLACEMENT
FRONT AND BACK PANEL

DETAIL B

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

MIDWEST GUARDRAIL SYSTEM **CONNECTIONS TO BRIDGE** RAILINGS WITH SIDEWALKS **DETAILS No. 1**

NO SCALE

RSP A77V1 DATED JULY 19, 2013 SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2010.

STRAIGHT METAL BOX SPACER

REVISED STANDARD PLAN RSP A77V1

⊳ 77V1