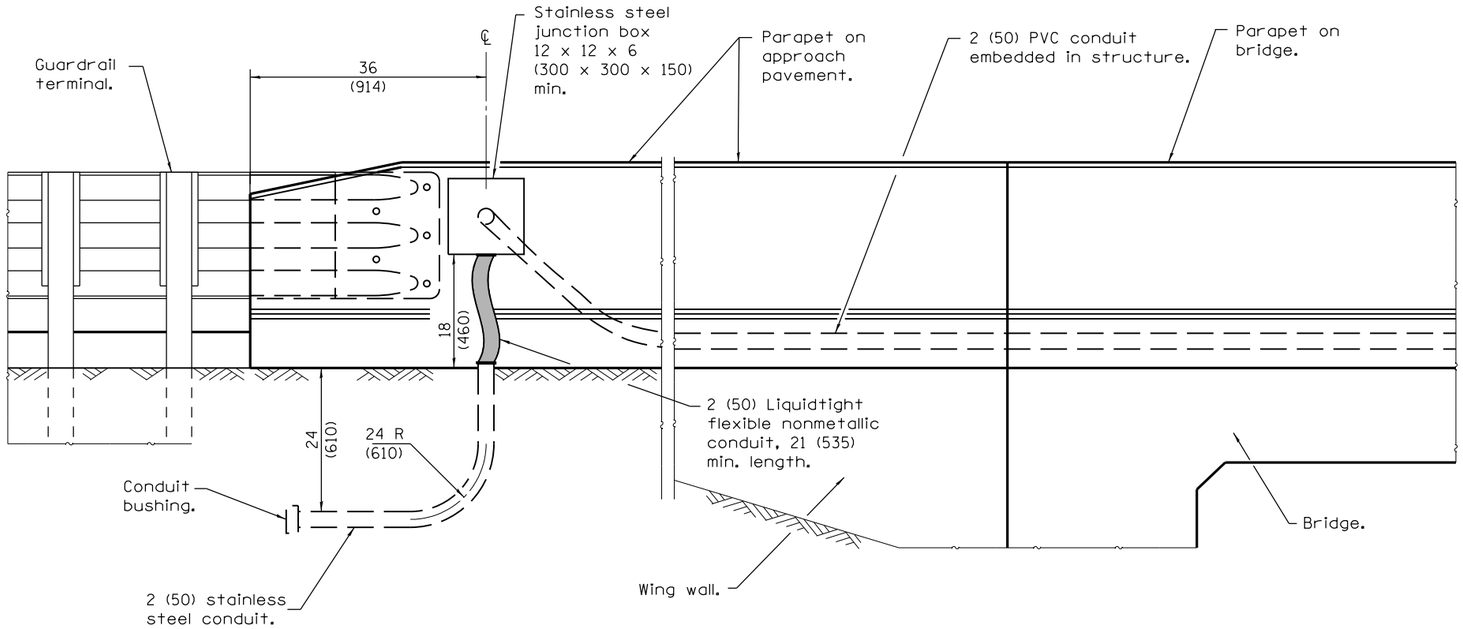
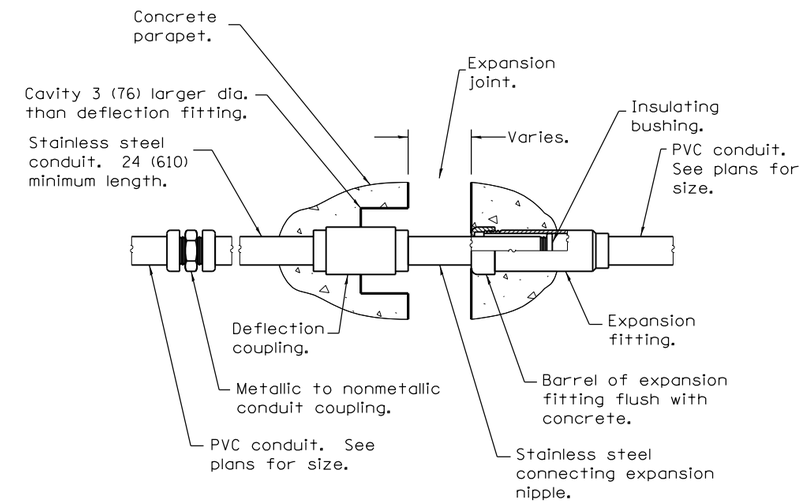
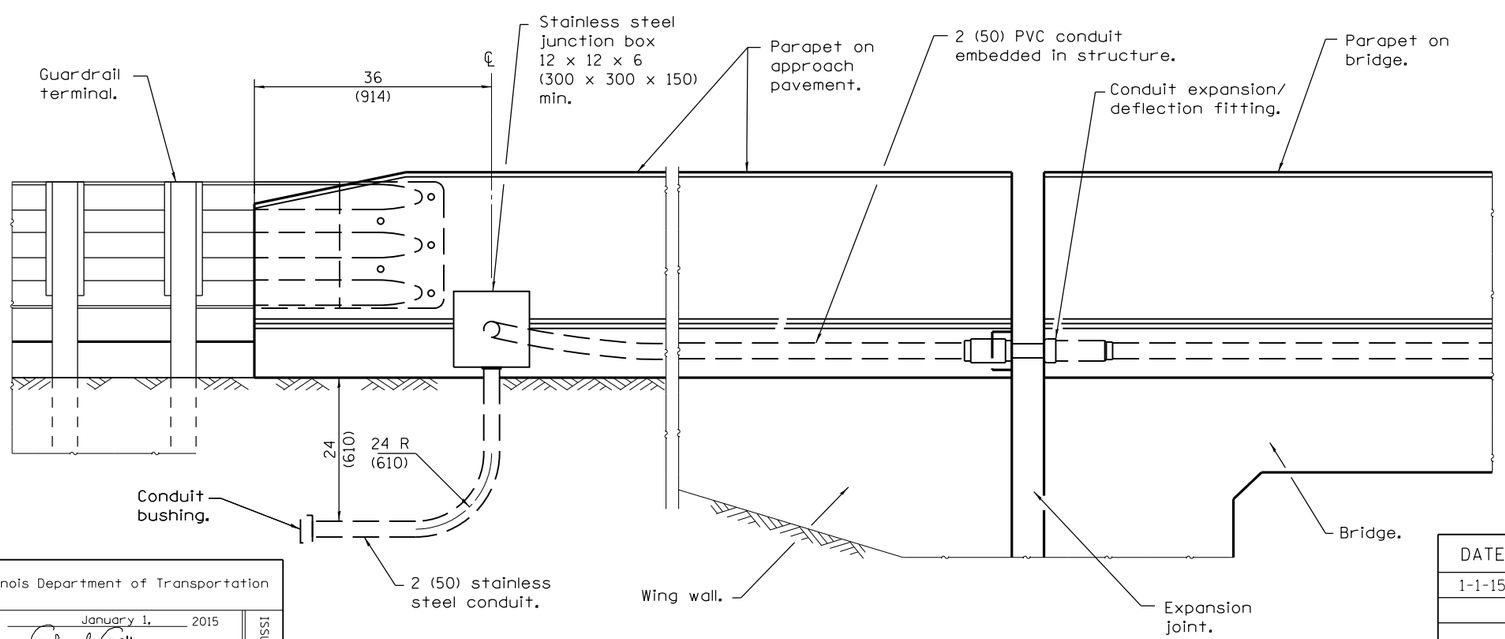



**INTEGRAL/SEMI-INTEGRAL ABUTMENT WITH PARAPET ON APPROACH PAVEMENT**




**COMBINATION EXPANSION/DEFLECTION FITTING**




**JOINTED ABUTMENT WITH PARAPET ON APPROACH PAVEMENT**

## GENERAL NOTES

The barrel in the expansion fitting shall be fully embedded in the concrete on one side of the expansion joint. One half the length of the deflection fitting shall be embedded in the concrete on the other side of the expansion joint.

The Contractor shall install combination expansion deflection fittings at all bridge expansion joints.

With the approval of the Engineer, the Contractor may substitute two 12 x 12 x 6 (300 x 300 x 150) min. stainless steel junction boxes attached to back of wall and connected with liquidtight flexible nonmetallic conduit for all expasion joints.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

PASSED January 1, 2015
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

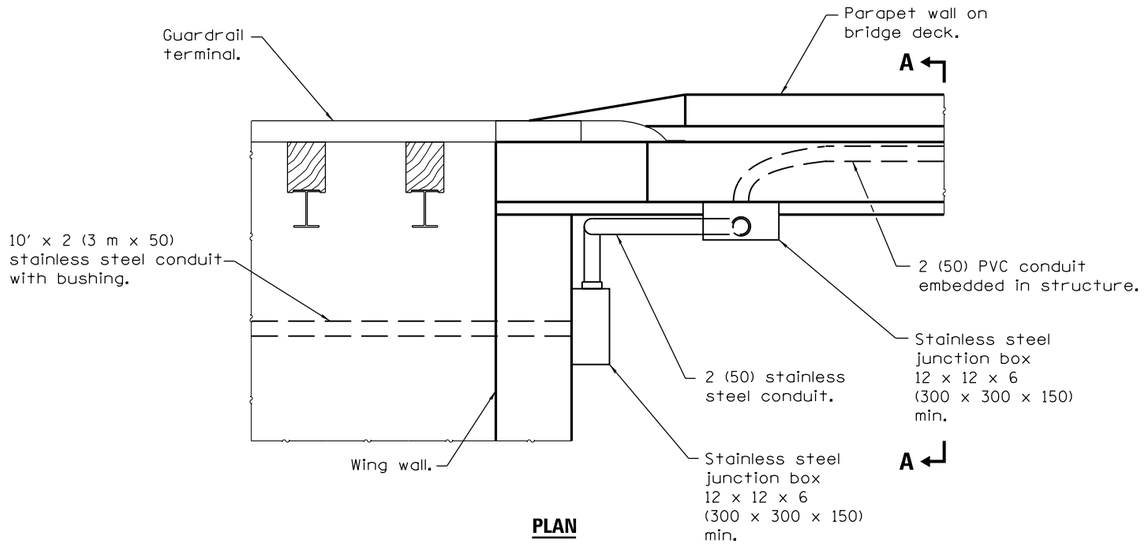
ISSUED 1-1-15

| DATE | REVISIONS |
|---|---|
| 1-1-15 | New standard. |

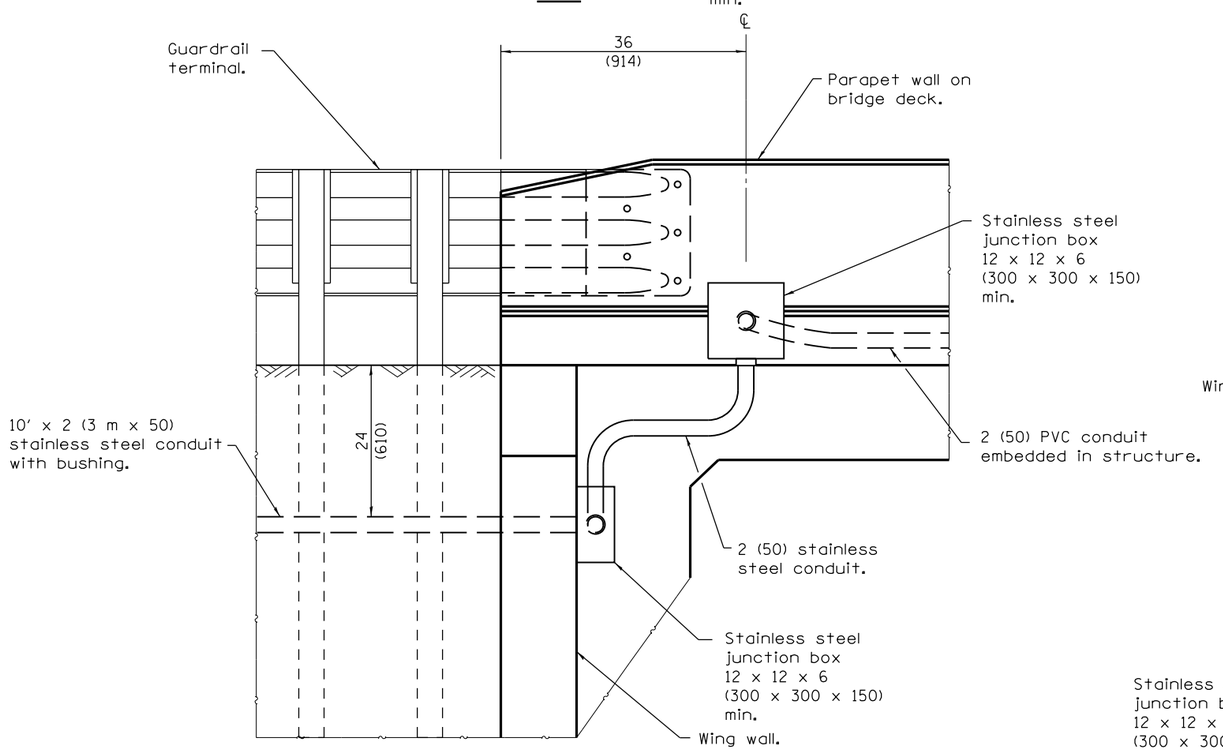
# RACEWAY EMBEDDED IN STRUCTURE

(Sheet 1 of 3)

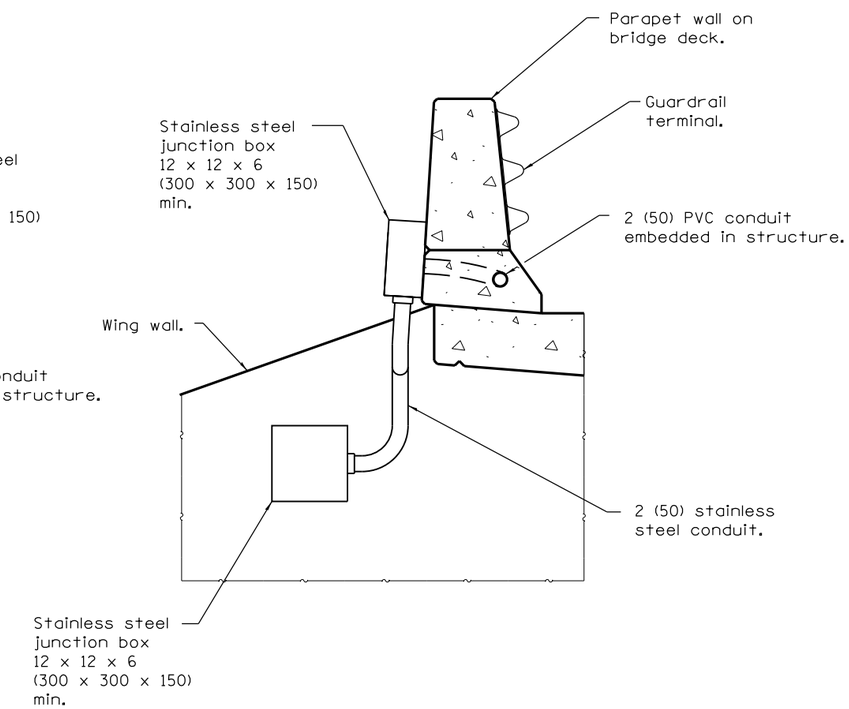
**STANDARD 812001**




**PLAN**




**ELEVATION**




**VIEW A–A**

**INTEGRAL/SEMI–INTEGRAL ABUTMENT WITH PARAPET ENDING ON BRIDGE DECK**

Illinois Department of Transportation

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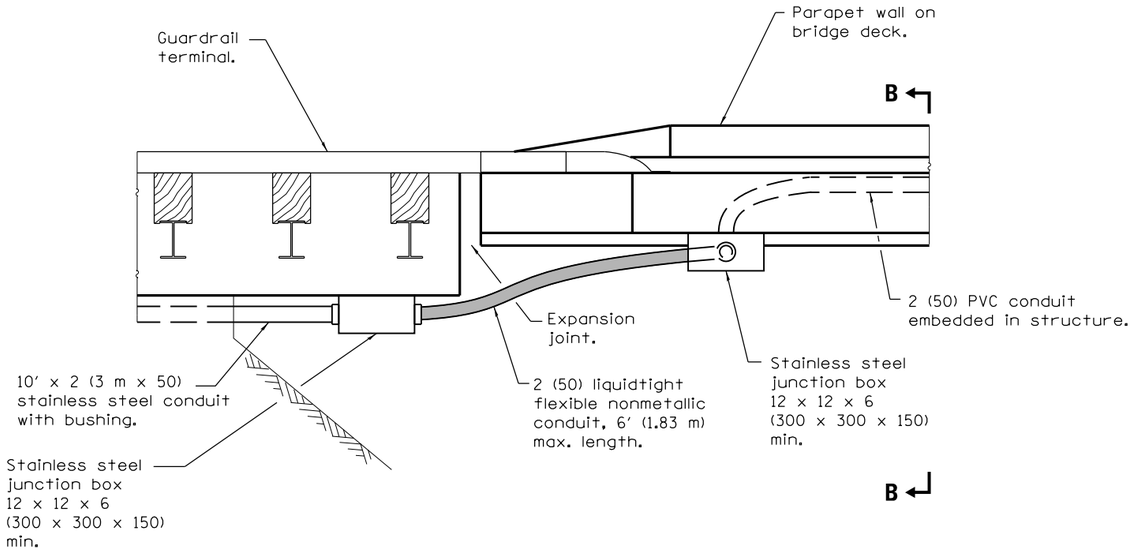
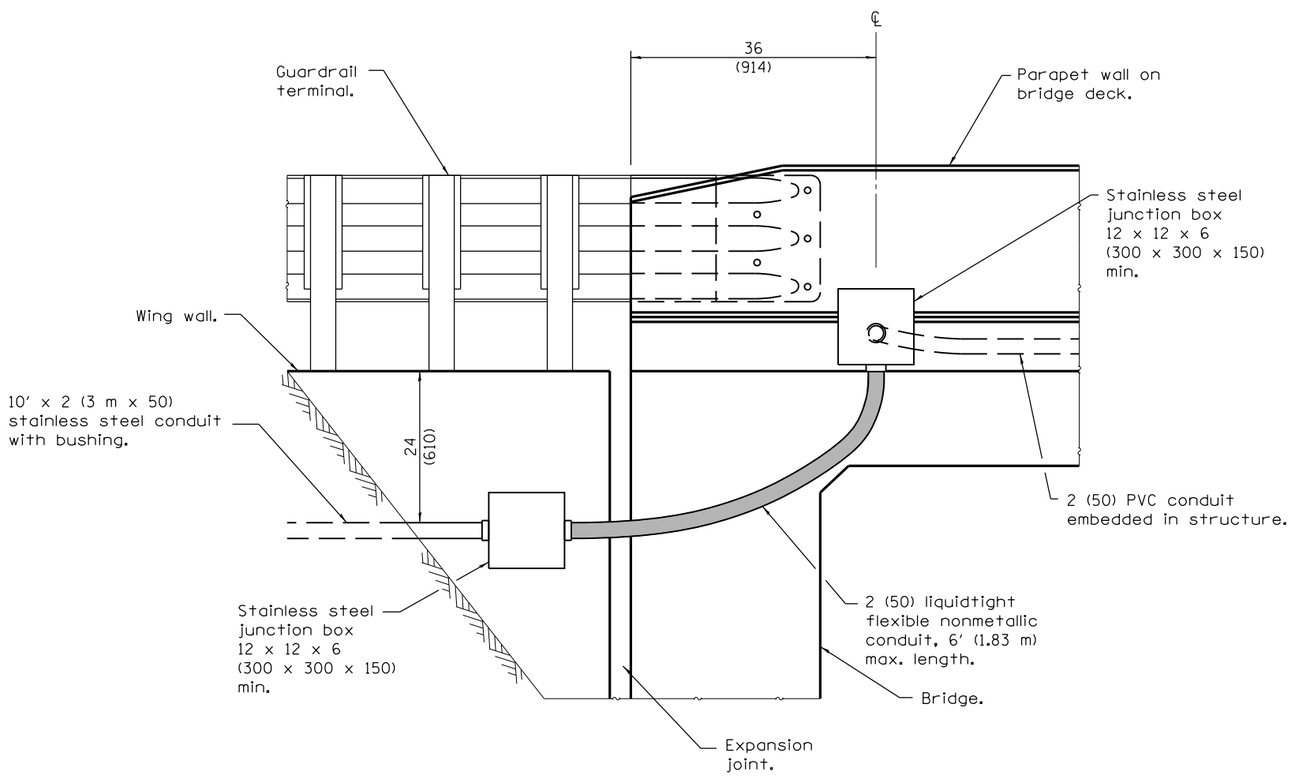
ISSUED 1-1-15

# RACEWAY EMBEDDED IN STRUCTURE

(Sheet 2 of 3)

**STANDARD 812001**

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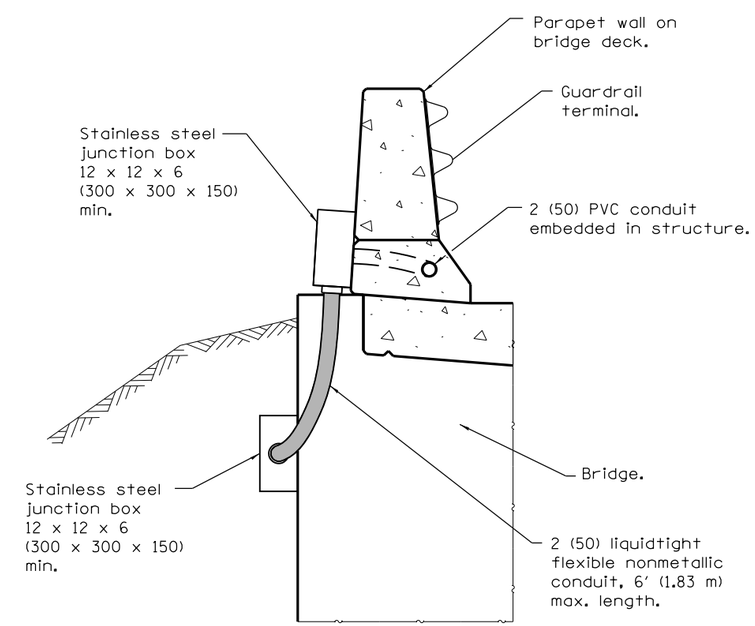


**VIEW B–B**

**JOINTED ABUTMENT WITH PARAPET ENDING ON BRIDGE DECK**

Illinois Department of Transportation

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# RACEWAY EMBEDDED IN STRUCTURE

(Sheet 3 of 3)

**STANDARD 812001**