
ORIGINATION FORM

Proposed Revisions to a Standard Plans Index
(Please provide all information — Incomplete forms will be returned)

Contact Information:

Date:
Originator:
Phone:
Email:

Standard Plans:

Index Number:
Sheet Number (s):
Index Title:

Summary of the changes:

Commentary / Background:

Other Affected Offices / Documents: (Provide name of person contacted)

Yes No

Other Standard Plans –
FDOT Design Manual –
Basis of Estimates Manual –
Standard Specifications –
Approved Product List –
Construction –
Maintenance –

Origination Package Includes:

(Email or hand deliver package to Rick Jenkins)

Yes N/A

Redline Mark-ups
Proposed Standard Plan Instruction (SPI)
Revised SPI
Other Support Documents

Implementation:

Design Bulletin (Interim)
DCE Memo
Program Mgmt. Bulletin
FY-Standard Plans (Next Release)

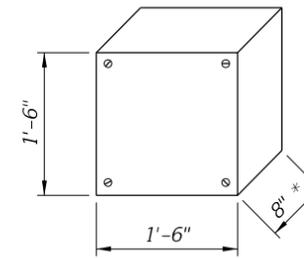
Contact the Roadway Design Office for assistance in completing this form

CONDUIT GENERAL NOTES:

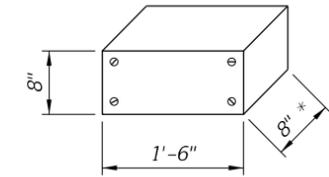
1. Furnish and install approved Conduits, Fittings and Embedded Junction Boxes (EJB's) in accordance with Specification Sections 630 and 635, this Standard, the National Electric Code (NEC) and as directed by the Engineer.
2. Furnish and install Embedded Junction Boxes (EJB) with weatherproof covers sized in accordance with NEC requirements and the maximum size limits shown. Install EJB adjacent to the Begin and End of Bridges, Begin and End of Retaining Walls, (except omit EJB adjacent to the Bridge unless a precast Traffic Railing with junction slab is used), and at other locations as necessary to maintain 300 foot maximum spacing. See Plans for additional locations and details.
3. For Conduit not designated for future use, see Plans for details. For Conduit designated for future use, stub out and cap the Conduit. Drive a 3'-0"± long ¾" (min.) diameter Steel Pipe flush with the ground line adjacent to the end of the Conduit as shown on Sheets 2, 3 or 4. Provide the location of the stub out with Steel Pipe to the Engineer for inclusion on the As-Built Plans.
4. Shift vertical Railing reinforcement symmetrically to provide 2" clearance to EJB. Space shifted vertical reinforcement at minimum 3" centers. Cut horizontal Railing reinforcement to provide 2" clearance to EJB and provide supplemental reinforcement as shown. To facilitate placement of Conduit, Expansion Fittings, and Expansion/Deflection Fittings, shift reinforcing a maximum of 1" but do not cut railing reinforcing to facilitate Conduit or Fittings. Do not bundle Conduits, or Conduit and horizontal reinforcement.

5. Place three conduits per non-median railing unless the Structures Plans show fewer.

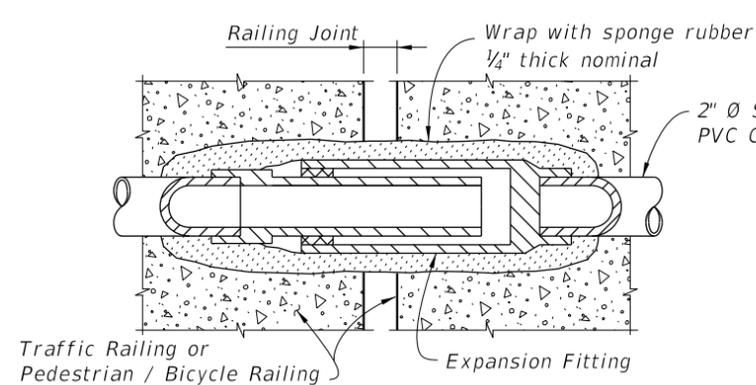
* Reduce to 6" maximum when installed in Pedestrian/ Bicycle Railings.



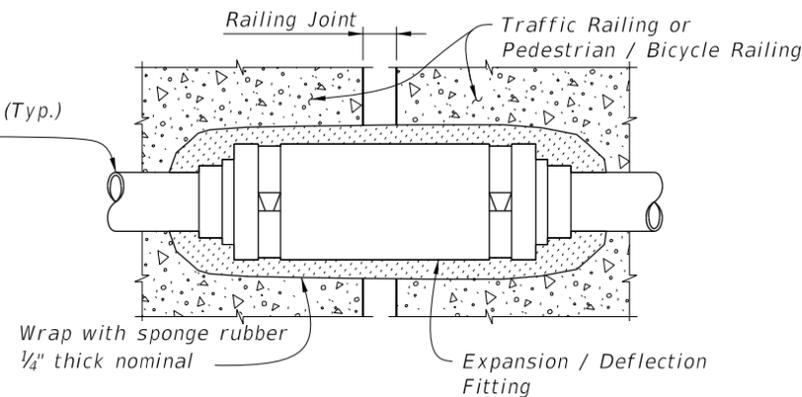
EJB "A"
Double or Triple Conduit
(Maximum Dimensions)



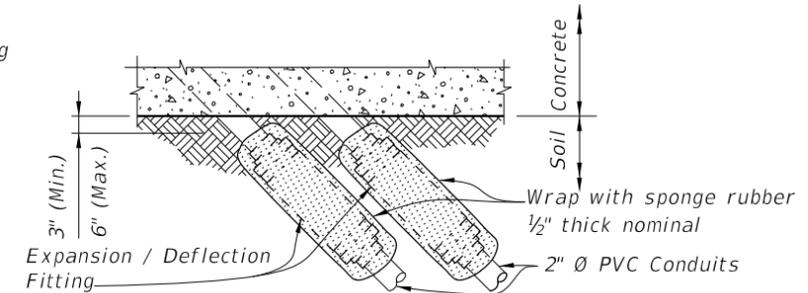
EJB "B"
Single Conduit
(Maximum Dimensions)



DETAIL "A"
EXPANSION FITTING DETAIL



DETAIL "B" EXPANSION / DEFLECTION
FITTING DETAIL (CONCRETE / CONCRETE)



DETAIL "C" EXPANSION / DEFLECTION
FITTING DETAIL (CONCRETE / SOIL)

10/14/2019 3:05:56 PM

LAST 20 REVISION
11/01/18

DESCRIPTION:



FY 2020-21
STANDARD PLANS

CONDUIT DETAILS - EMBEDDED

GENERAL

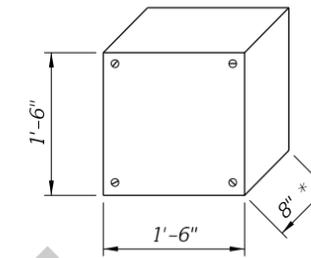
INDEX
630-010

SHEET
1 of 4

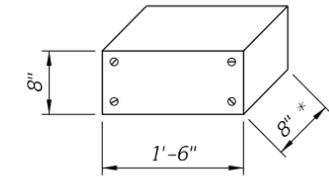
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5. Place conduits as indicated in this Standard unless the General Notes in the Structures Plans indicate fewer.

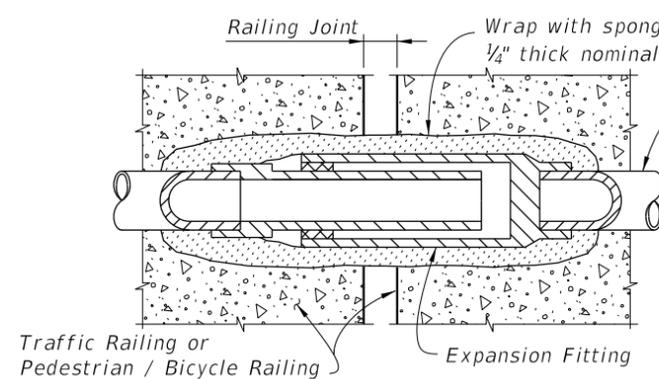
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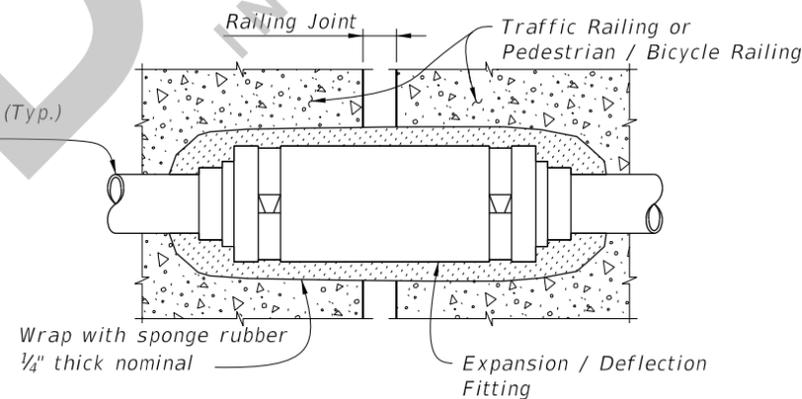
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Double or Triple Conduit
(Maximum Dimensions)



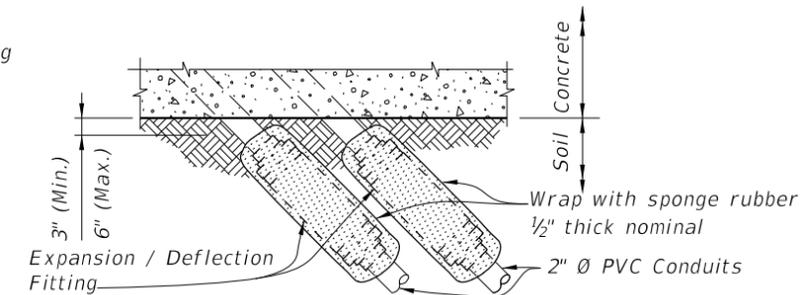
EJB "B"
Single Conduit
(Maximum Dimensions)



DETAIL "A"
EXPANSION FITTING DETAIL



DETAIL "B" EXPANSION / DEFLECTION
FITTING DETAIL (CONCRETE / CONCRETE)



DETAIL "C" EXPANSION / DEFLECTION
FITTING DETAIL (CONCRETE / SOIL)

9:03:46 AM
7/28/2020

DRAFT
INTERNAL REVIEW
1

LAST REVISION	REVISION	DESCRIPTION:
11/01/18		

**FY 2020-21
STANDARD PLANS**

CONDUIT DETAILS - EMBEDDED

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GENERAL