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**ORINATION FORM**

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**Proposed Revisions to a Standard Plans Index**

(Please provide all information — Incomplete forms will be returned)

**Contact Information:**

Date: June 30, 2022

Originator: James McGinnis

Phone: 414-4952

Email: James.McGinnis@dot.state.fl.us

**Standard Plans:**

Index Number: 102-120

Sheet Number (s): 2 of 5

Index Title: Low Profile Barrier

**Summary of the changes:**

Added tension link and beveled washer details to sheet 2.

**Commentary / Background:**

These details were added after discrepancies were reported with the type of bolt used as the tension link.

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

- | Yes                      | No                                  |                             |
|--------------------------|-------------------------------------|-----------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Other Standard Plans –      |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | FDOT Design Manual –        |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Basis of Estimates Manual – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Standard Specifications –   |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Approved Product List –     |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Construction –              |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Maintenance –               |

**Origination Package Includes:** (Submit package to Rick Jenkins)

- | Yes                                 | N/A                      |   |
|-------------------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Redline Mark-ups                                    |
| <input type="checkbox"/>            | <input type="checkbox"/> | Revised or Proposed Standard Plan Instruction (SPI) |
| <input type="checkbox"/>            | <input type="checkbox"/> | Other Support Documents                             |

**Implementation:**

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

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Contact the Roadway Design Office for assistance in completing this form

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Email to: Rick Jenkins [rick.jenkins@dot.state.fl.us](mailto:rick.jenkins@dot.state.fl.us) and Darren Martin [darren.martin@dot.state.fl.us](mailto:darren.martin@dot.state.fl.us)

**ADDED TENSION LINK DETAIL  
and  
BEVELED WASHER DETAILS**

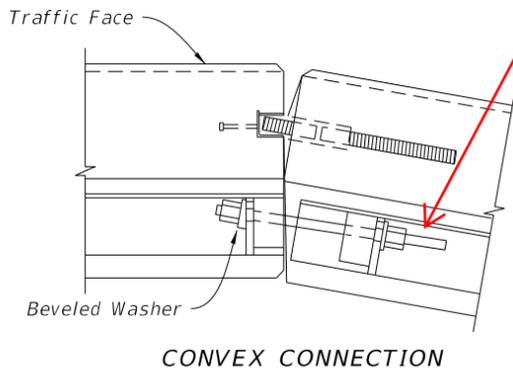
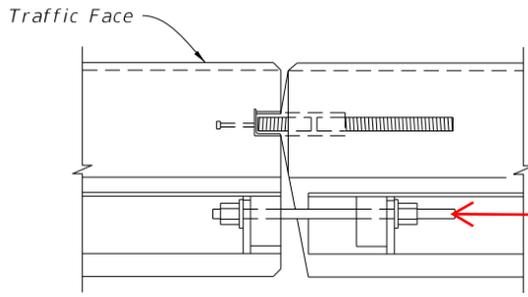
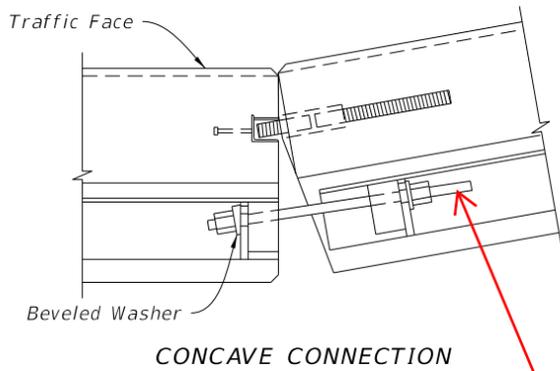
**NOTES:**

1. **LIMITATION OF USE:** This installation technique can only be used on flexible or rigid pavement.
2. **ASPHALT PAD:** Where existing pavement is not present, construct 2" Asphalt Pad using miscellaneous asphalt pavement in accordance with Specification 339 with the exception that the use of a pre-emergent herbicide is not required. Payment for asphalt pad will be included in the cost of the barrier.
3. Minimum 9" on 1:10 or flatter slopes for 'Portable Temporary Low Profile Barrier For Roadside Safety.' For values A, B, D and X see Index 102-600.

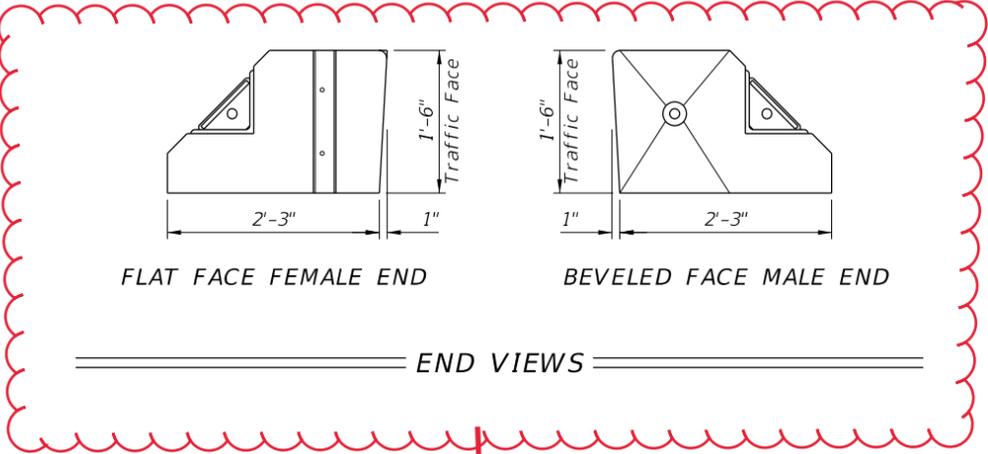
**SYMBOLS:**

- Type 1 Object Marker
- Direction of Traffic

WORK ZONE SPEED	LATERAL OFFSET	SETBACK DISTANCE
45 MPH OR LESS	1' MIN, 2' PREFERRED	9"

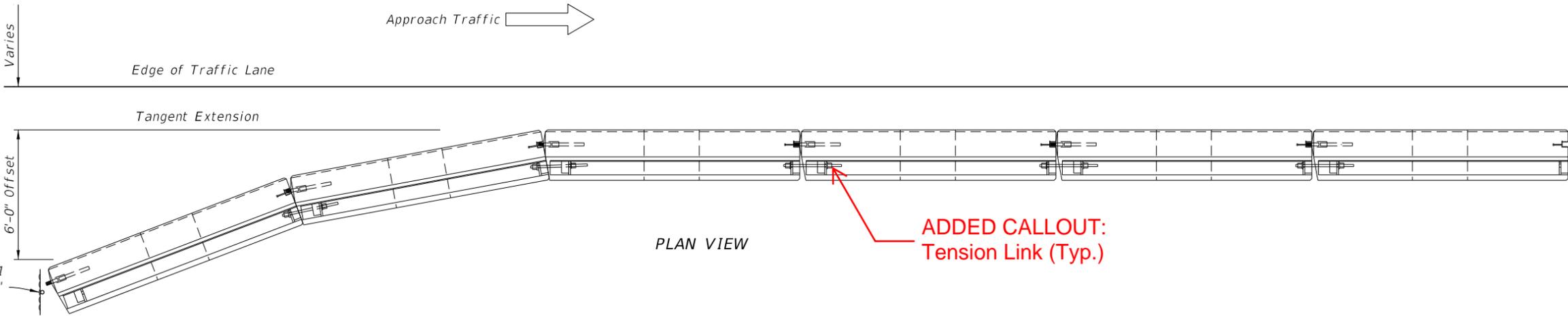
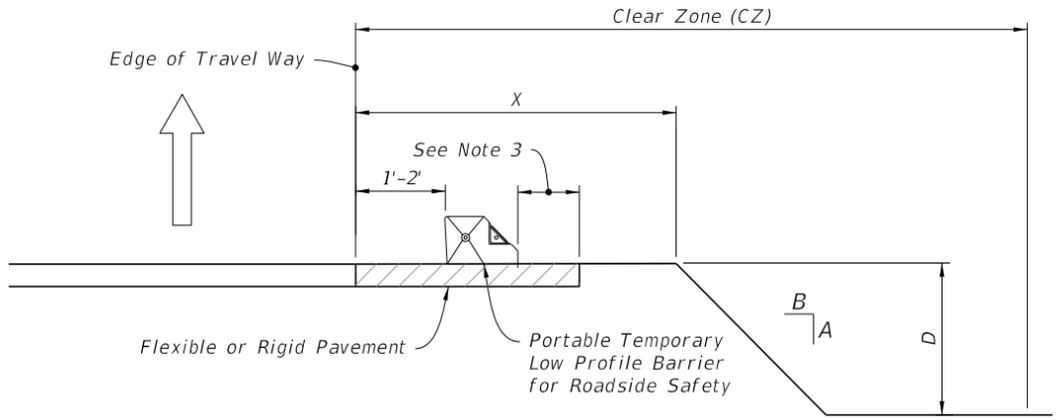


PLAN VIEWS OF CONNECTIONS



**ADDED CALLOUT:  
Tension Link**

**MOVED**



**ADDED CALLOUT:  
Tension Link (Typ.)**

9/23/2021 2:39:28 PM

LAST REVISION	DESCRIPTION:
11/01/19	
11/01/22	

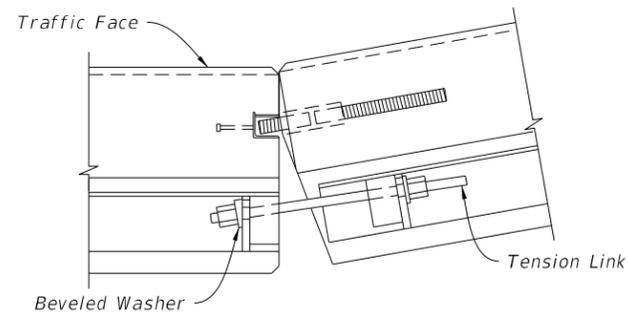


FY 2022-23  
STANDARD PLANS

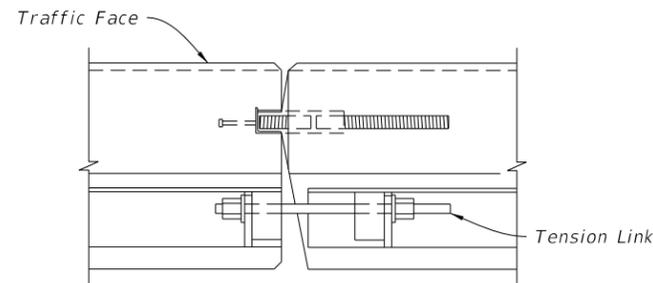
LOW PROFILE BARRIER

INDEX  
102-120

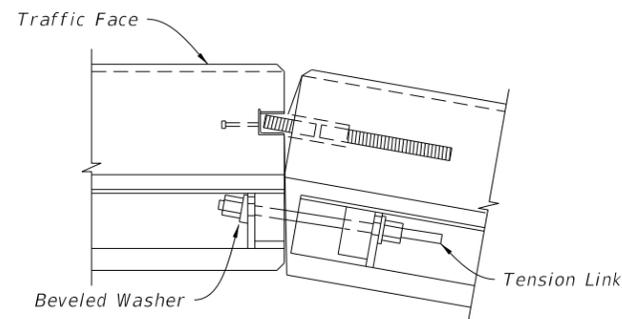
SHEET  
2 of 5



CONCAVE CONNECTION

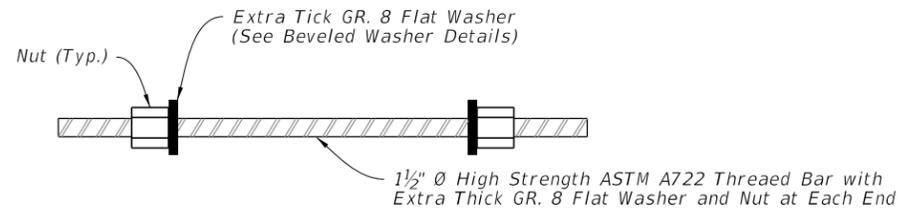


PARALLEL CONNECTION

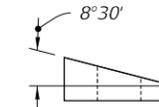


CONVEX CONNECTION

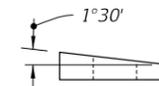
PLAN VIEWS OF CONNECTIONS



TENSION LINK DETAIL

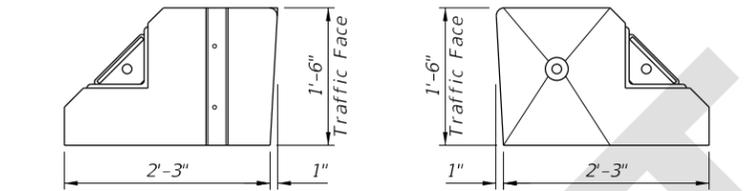


TYPE 1

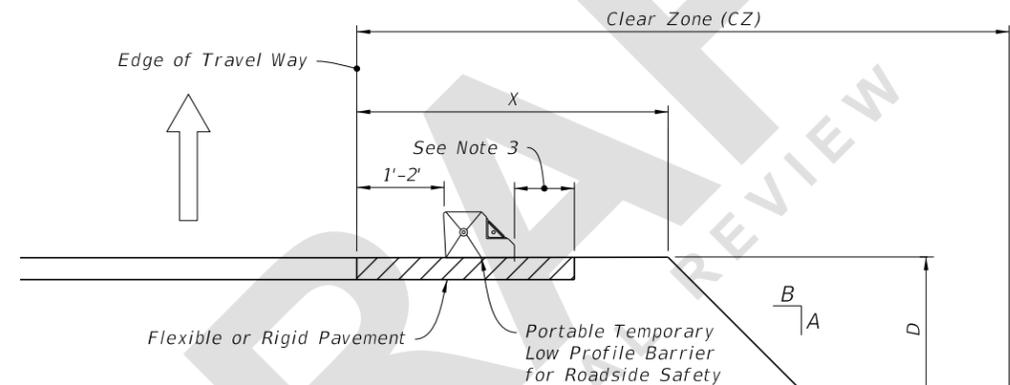


TYPE 2

BEVELED WASHER DETAILS



END VIEWS



SETBACK DISTANCE AT DROP-OFFS

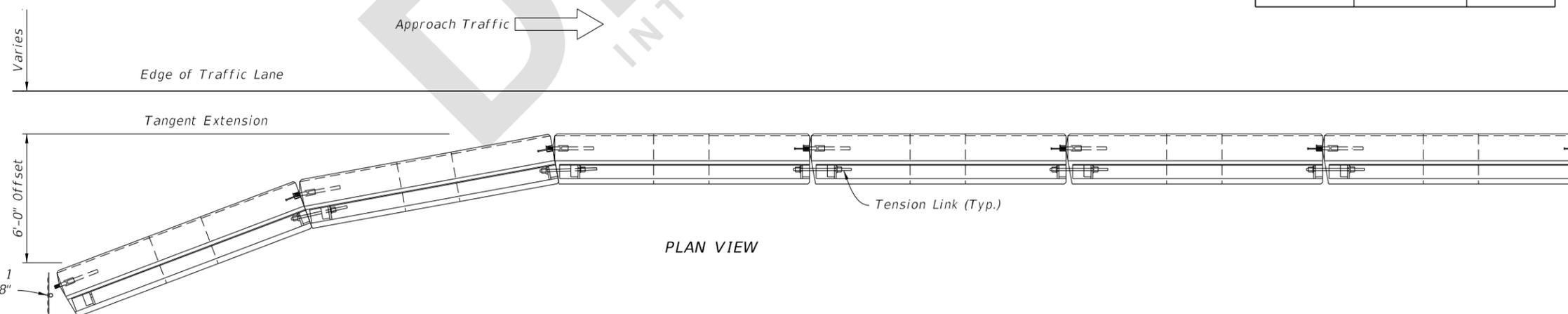
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SYMBOLS:

- Type I Object Marker
- Direction of Traffic

WORK ZONE SPEED	LATERAL OFFSET	SETBACK DISTANCE
45 MPH OR LESS	1' MIN, 2' PREFERRED	9"



PLAN VIEW

APPROACH END OFFSET

7/28/2022 10:32:43 AM