
ORIGINATION FORM

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

Contact Information:

Date: May 26, 2020
Originator: Derwood Sheppard
Phone: (850) 414-4334
Email: derwood.sheppard@dot.state.fl.us

Standard Plans:

Index Number: 102-100
Sheet Number (s): 3
Index Title: Temporary Barrier

Summary of the changes:

Sheet 4: Added Index 102-642 as new Sheet 4; Revised Details and General Notes; Updated Symbols.

Commentary / Background:

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

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

Origination Package Includes:

(Email or hand deliver package to Rick Jenkins)

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

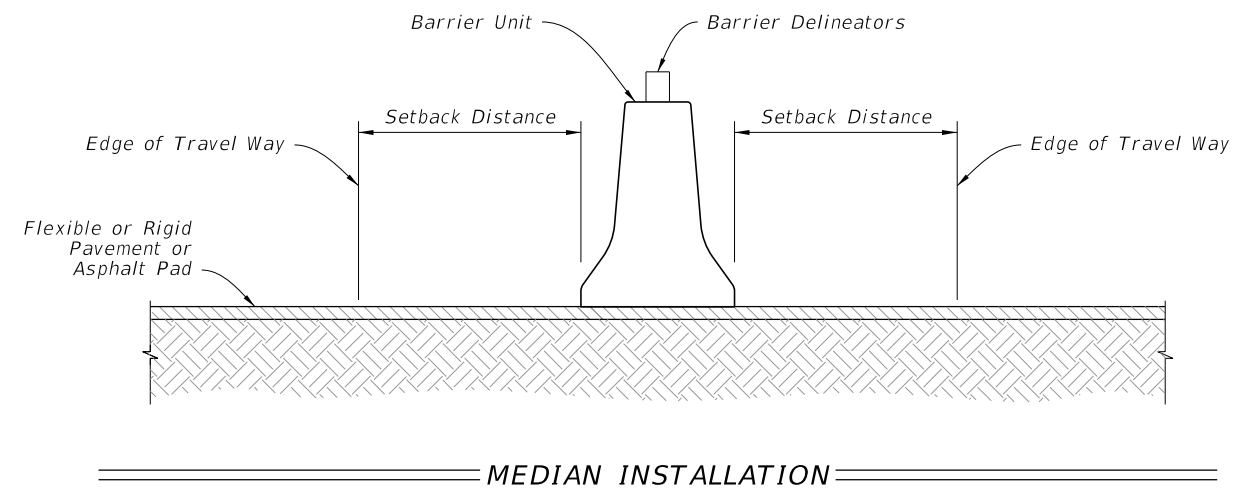
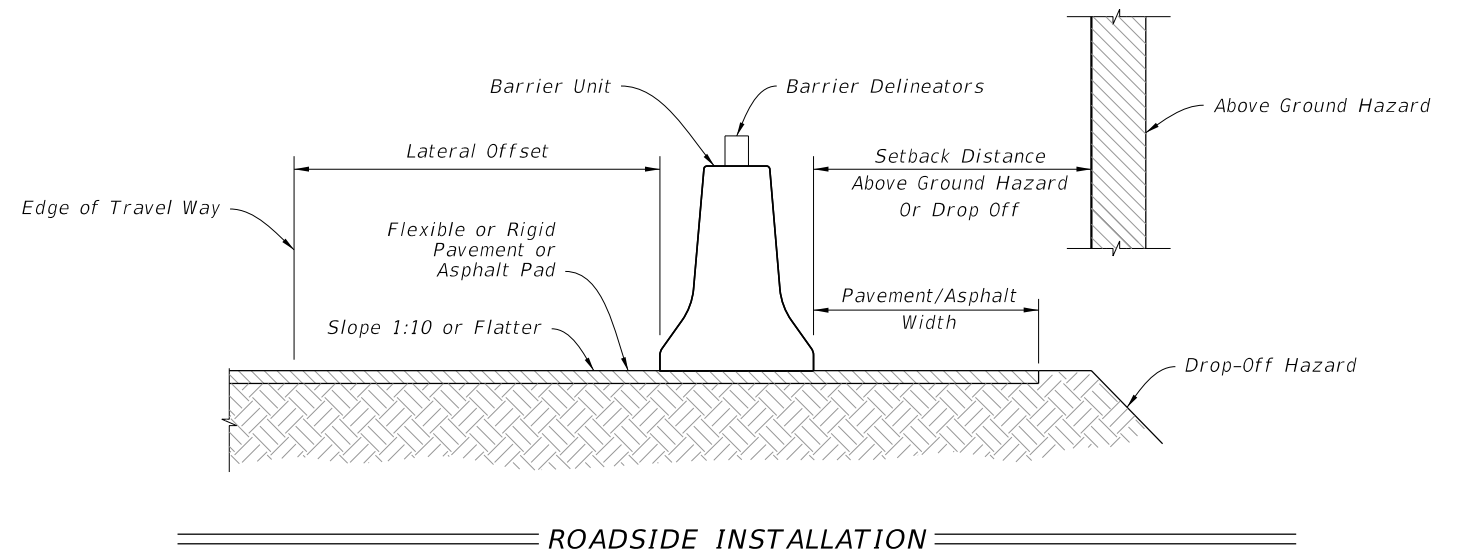
Implementation:

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

Contact the Roadway Design Office for assistance in completing this form

GENERAL NOTES:

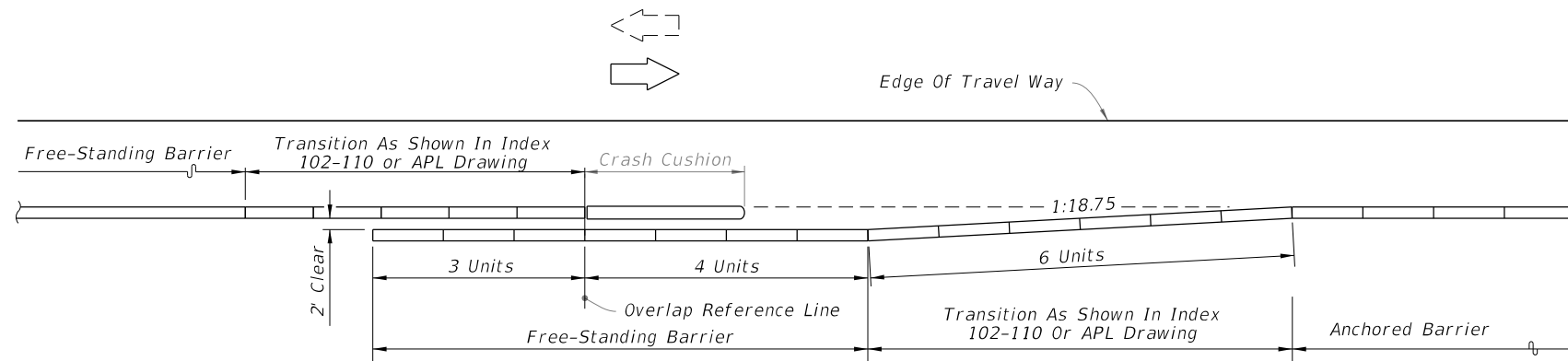
1. Temporary barrier systems may be any of the following:
 - A. Type K Temporary Concrete Barrier System (Index 102-110) installed as either Free-Standing or Anchored.
 - B. Proprietary Temporary Barrier Systems on the Approved Product List (APL).
 - a. Concrete Barrier (Free-Standing or Anchored)
 - b. Steel Barrier (Anchored)
 - c. Water Filled Barrier (Free-Standing)
2. Where existing flexible pavement is not present, construct a minimum 2" thick temporary 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.
3. For Barrier Delineators, see Specification 102. Mount on top of temporary barriers. Color must match adjacent longitudinal pavement marking.
4. Remove all grass debris, loose dirt, and sand for the pavement, bridge deck, or asphalt pad surface within the barrier footprint just prior to placement of the temporary barrier.
6. Ensure the setback distance is clear of any grass, construction debris, stockpiled materials, equipment, and objects.
7. Transitions are required between Type K Barrier and free-standing, anchored, back-filled or other types of temporary barrier. See Index 102-110 for transitions between Type K Barrier and permanent bridge or traffic railing. Refer to the APL for transitions allowed for Proprietary Temporary Barrier Systems.
8. Anchoring (Bolting) of temporary barrier or crash cushions is not permitted on bridge superstructures that contain post-tensioned tendons within the concrete deck (top flange of concrete box girders) or on bridge superstructures consisting of longitudinally prestressed, transversely post-tensioned, solid or voided concrete slab units.
9. Anchor abutting segments of temporary barrier terminated with a Crash Cushion as shown in Index 102-110 or the APL.
10. The requirements of this Index do not apply to Temporary Low Profile Barrier, See Index 102-120.
11. Setback requirements below cover most Temporary Barrier options. Provide additional setback distance for APL products that require additional setback (deflection) space.



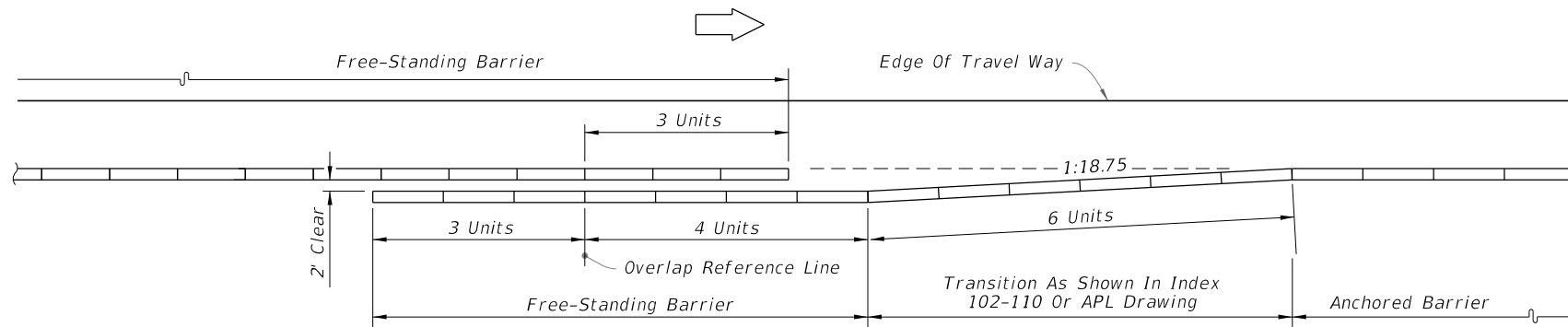
INSTALLATION DATA			
CONDITION	LATERAL OFFSET	SETBACK DISTANCE	PAVEMENT/ ASPHALT WIDTH
Anchored	2' Min.	2' Min.*	1' Min.
Free-standing	2' Min.	4' Min.	4' Min.

* For Bridge Decks see Index 102-110 or APL.

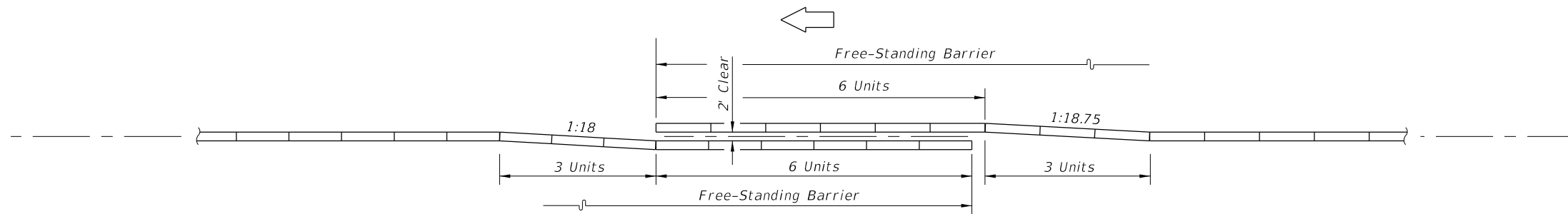
10/23/2018 10:46:18 AM



APPROACH SHOULDER BARRIER TRANSITION ON UNDIVIDED FACILITIES



APPROACH SHOULDER BARRIER TRANSITION ON DIVIDED FACILITIES



MEDIAN BARRIER TRANSITION

10/23/2018 10:46:18 AM

LAST REVISION	DESCRIPTION:
11/01/17	11/01/20



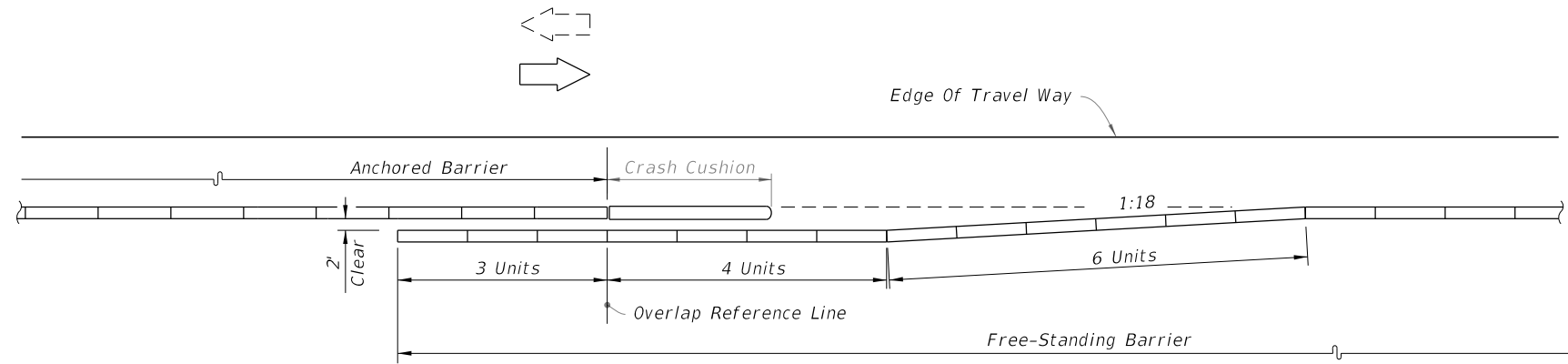
FY ~~2019-20~~ 2021-22
STANDARD PLANS

TEMPORARY BARRIER

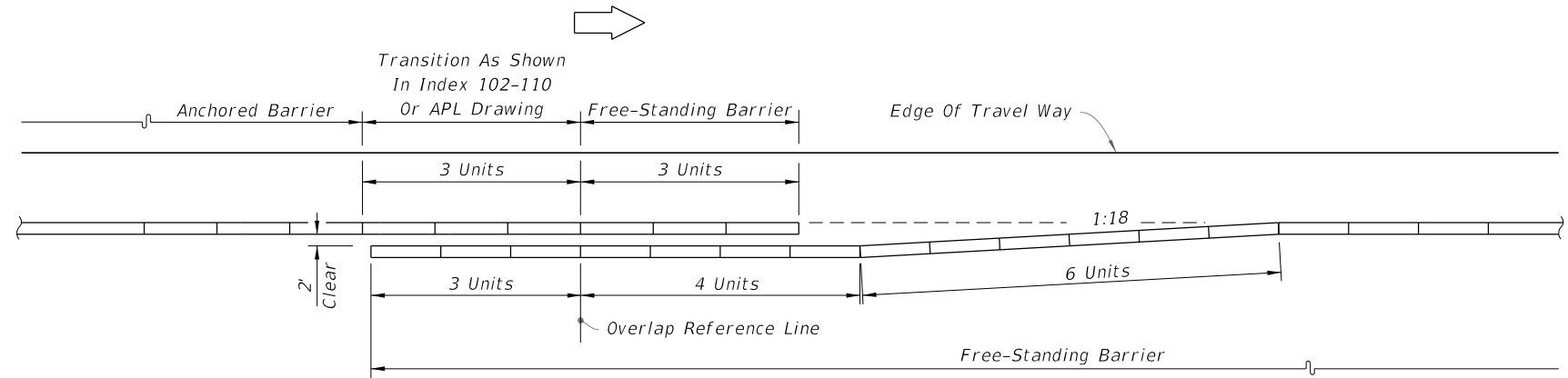
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DEPARTURE SHOULDER BARRIER TRANSITION ON UNDIVIDED FACILITIES



DEPARTURE (TRAILING) SHOULDER BARRIER TRANSITION ON DIVIDED FACILITIES

10/23/2018 10:46:19 AM

LAST REVISION	DESCRIPTION:
11/01/17	11/01/20



FY ~~2019-20~~ 2021-22
STANDARD PLANS

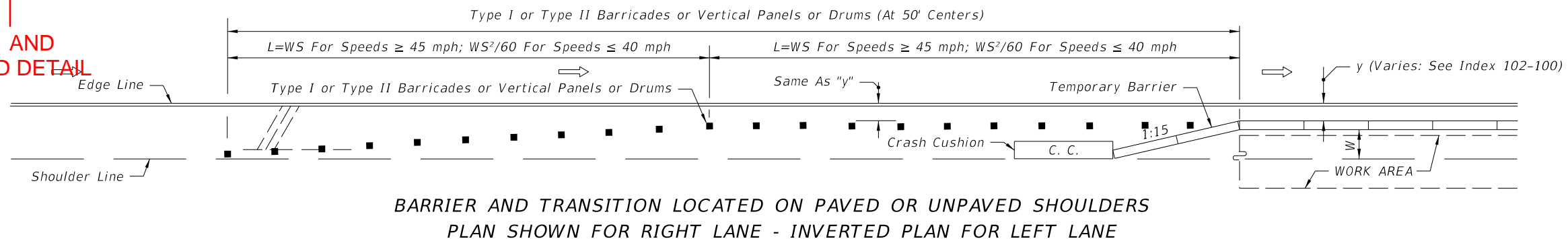
TEMPORARY BARRIER

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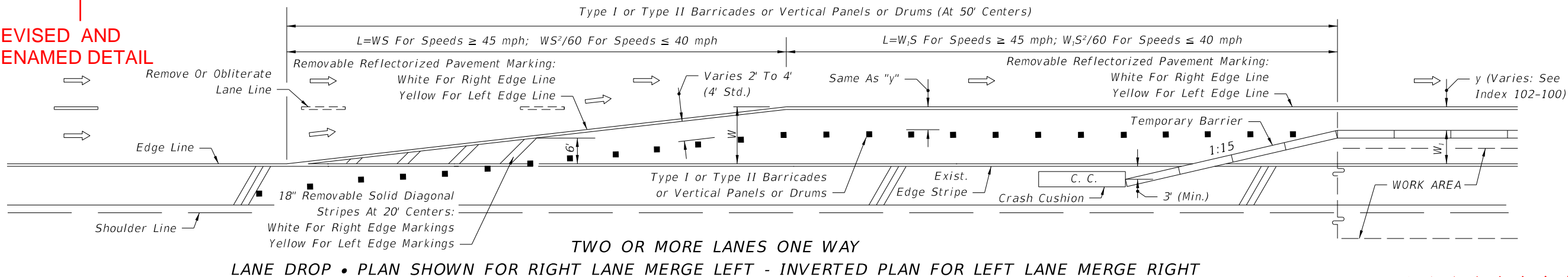
SHEET
3 of 4

Added Index 102-642 as Sheet 4 of 4

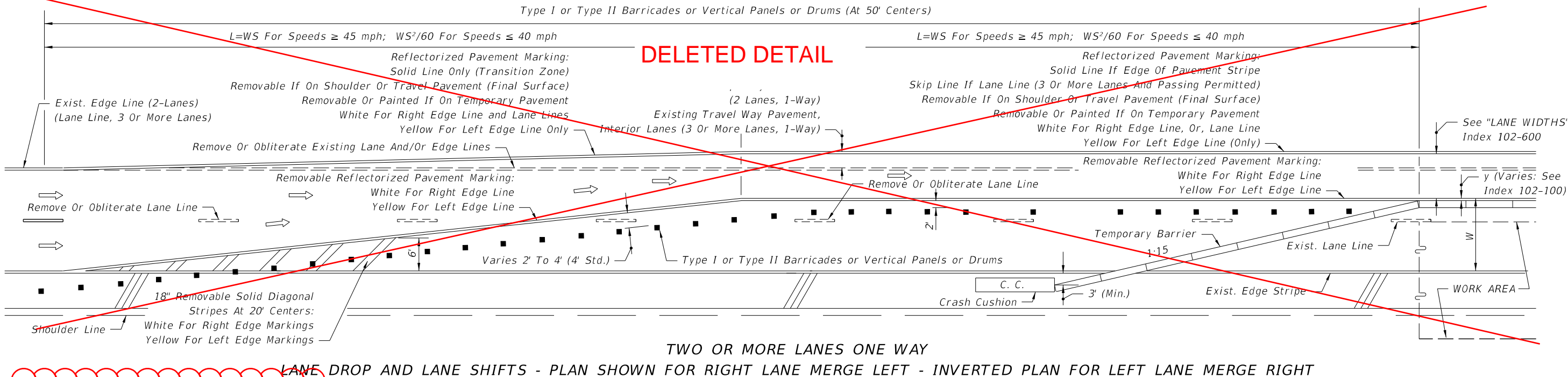
REVISED AND RENAMED DETAIL



REVISED AND RENAMED DETAIL



DELETED DETAIL



SYMBOLS

- ➔ Lane Identification + Direction of Traffic
- Channelizing Device (See Index 102-600)

UPDATED SYMBOLS

GENERAL NOTES

1. For signing information see the Plans, Specifications, MUTCD and other TCZ Indexes.
2. Where W=width of lateral transition in feet, S=posted speed limit.

REVISED NOTES

UPDATED TITLE

2/26/2020 12:41:44 PM

LAST REVISION 11/01/17	REVISION	DESCRIPTION:
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FY ~~2020-21~~ 2021-22
STANDARD PLANS

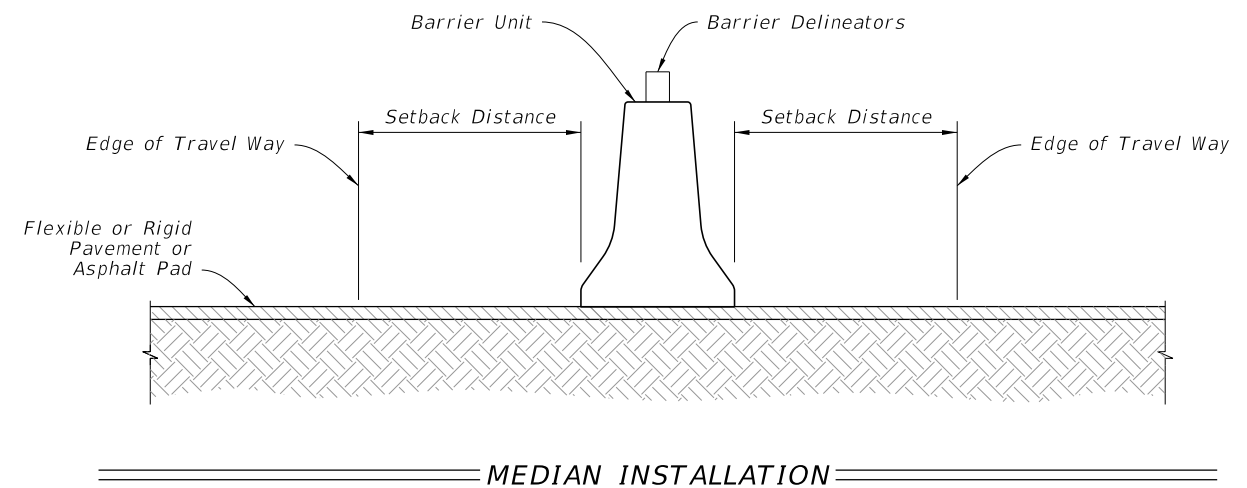
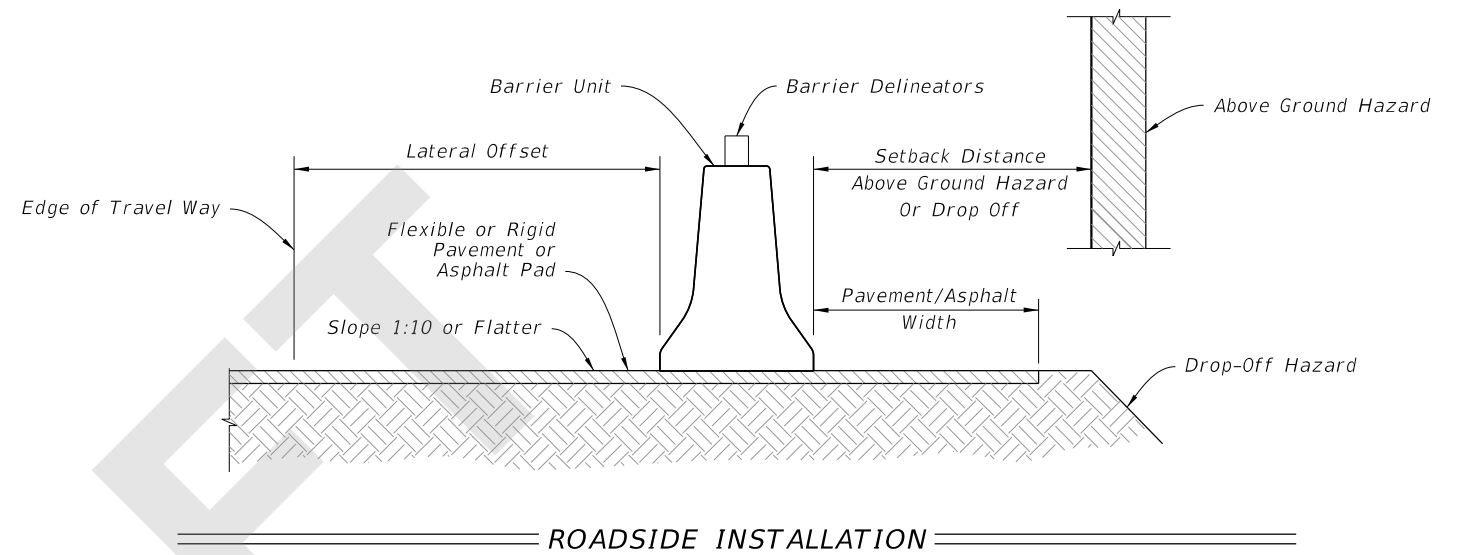
~~TRANSITIONS FOR TEMPORARY
BARRIER ON FREEWAY FACILITIES~~

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GENERAL NOTES:

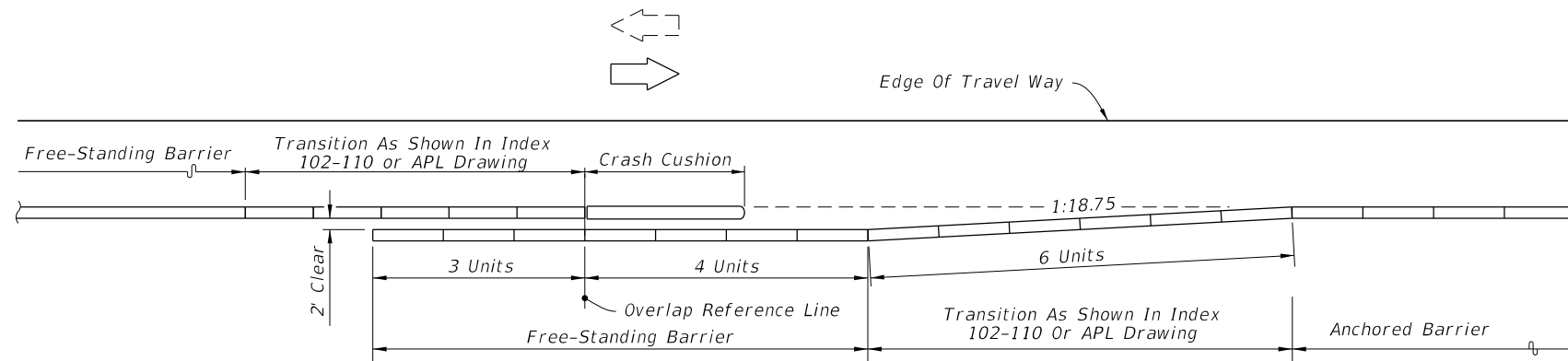
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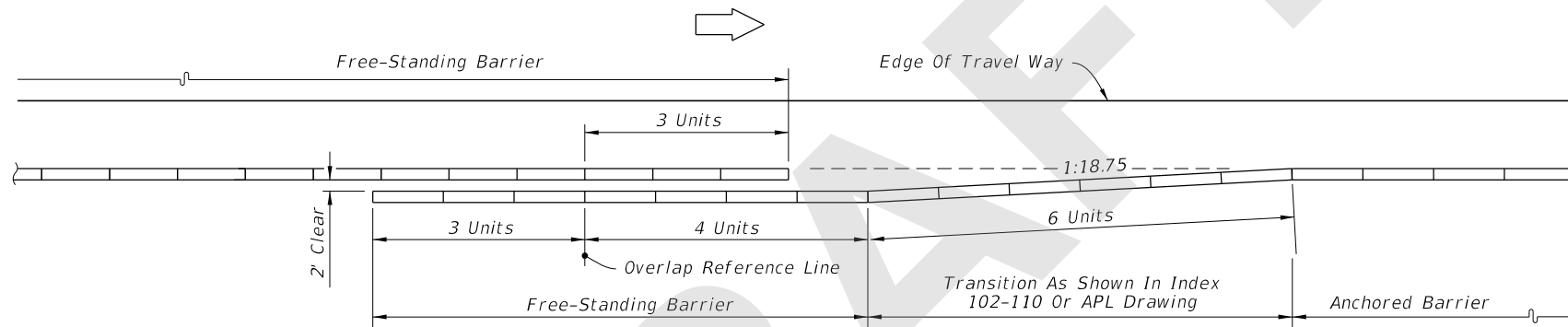
INSTALLATION DATA			
CONDITION	LATERAL OFFSET	SETBACK DISTANCE	PAVEMENT/ ASPHALT WIDTH
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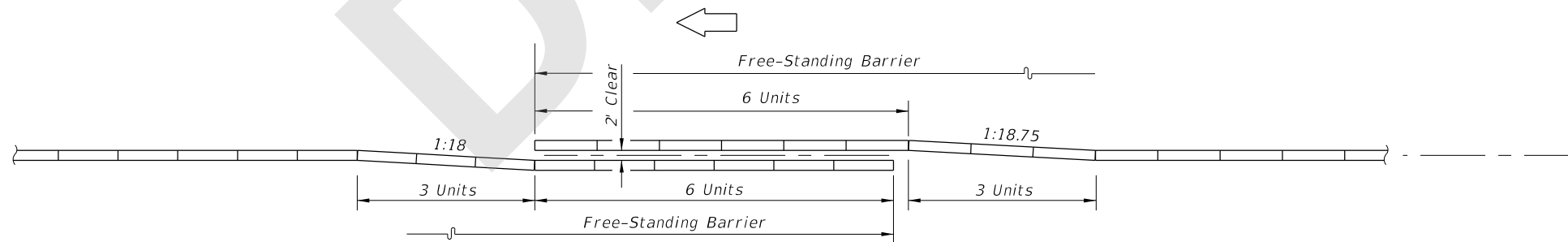
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=====**APPROACH SHOULDER BARRIER TRANSITION ON UNDIVIDED FACILITIES**=====



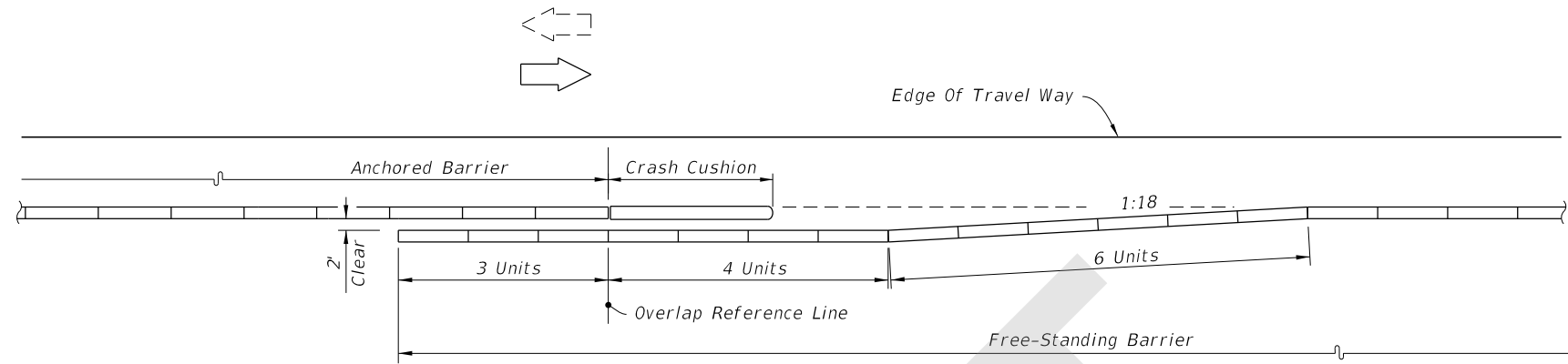
=====**APPROACH SHOULDER BARRIER TRANSITION ON DIVIDED FACILITIES**=====



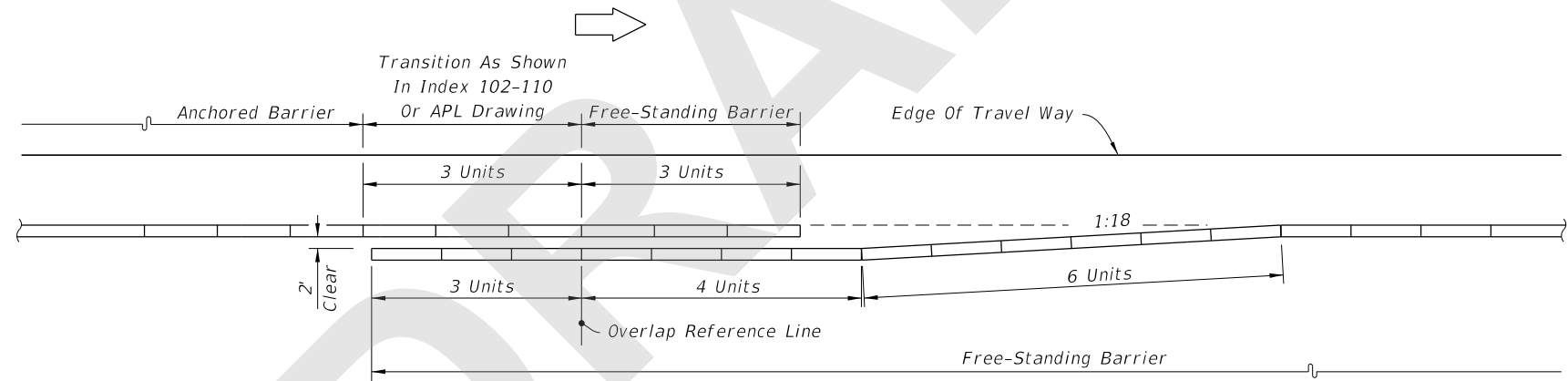
=====**MEDIAN BARRIER TRANSITION**=====

7/21/2020 9:41:46 AM

LAST REVISION 11/01/20	REVISION	DESCRIPTION:	 FY 2021-22 STANDARD PLANS	TEMPORARY BARRIER	INDEX 102-100	SHEET 2 of 4
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DEPARTURE SHOULDER BARRIER TRANSITION ON UNDIVIDED FACILITIES



DEPARTURE (TRAILING) SHOULDER BARRIER TRANSITION ON DIVIDED FACILITIES

7/21/2020 9:41:48 AM

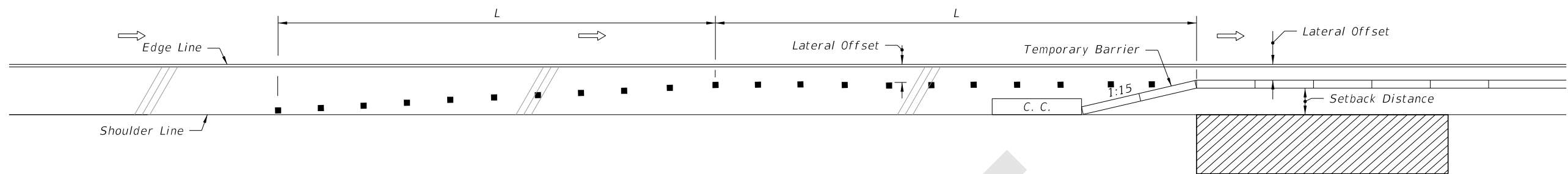
LAST REVISION 11/01/20	DESCRIPTION:
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**FY 2021-22
STANDARD PLANS**

TEMPORARY BARRIER

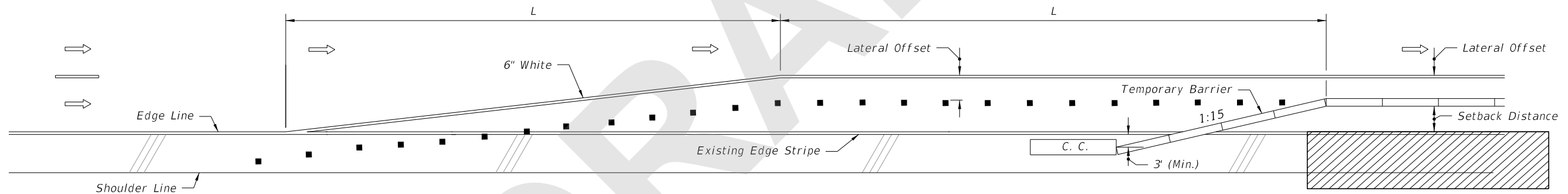
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BARRIER AND TRANSITION LOCATED ON SHOULDERS

(Right Lane Shown - Inverted For Left Lane)







BARRIER AND TRANSITION WITH LANE DROP ON MULTILANE FACILITIES

(Right Lane Merge Left Shown - Inverted For Left Lane Merge Right)


NOTE:

L = Taper Length, See Index 102-600 for "L" and channelizing device spacing values.

SYMBOLS:

-  Work Area
-  Lane Identification and Direction of Traffic
-  Channelizing Device (See Index 102-600)
-  Crash Cushion

7/21/2020 9:41:49 AM

LAST REVISION 11/01/20	REVISION	DESCRIPTION:	 FY 2021-22 STANDARD PLANS	TEMPORARY BARRIER	INDEX 102-100	SHEET 4 of 4
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