

# ORIGINATION FORM

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

## Contact Information:

Date: June 25, 2019  
Originator: Cheryl Hudson  
Phone: (850) 414-5332  
Email: cheryl.hudson@dot.state.fl.us

## Standard Plans:

Index Number: 521-510  
Sheet Number (s): 1  
Index Title: Concrete Barrier/Noise Wall (8'-0")

## Summary of the changes:

Changed maximum spacing for V groove

## Commentary / Background:

To work with minimum length of precast section.

## Other Affected Offices / Documents: (Provide name of responsible personnel)

- | 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 –               |

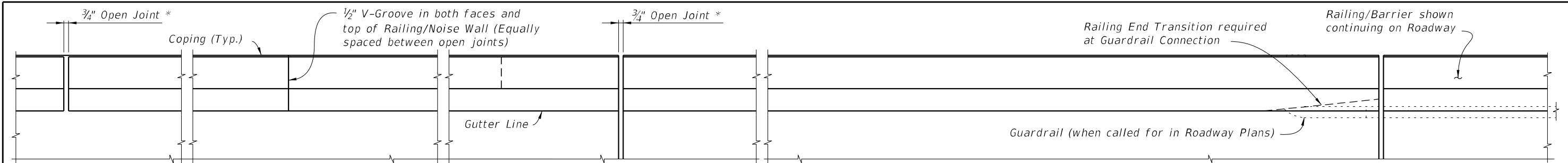
## Origination Package Includes: (Email or hand deliver package to Derwood Sheppard)

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

## Implementation:

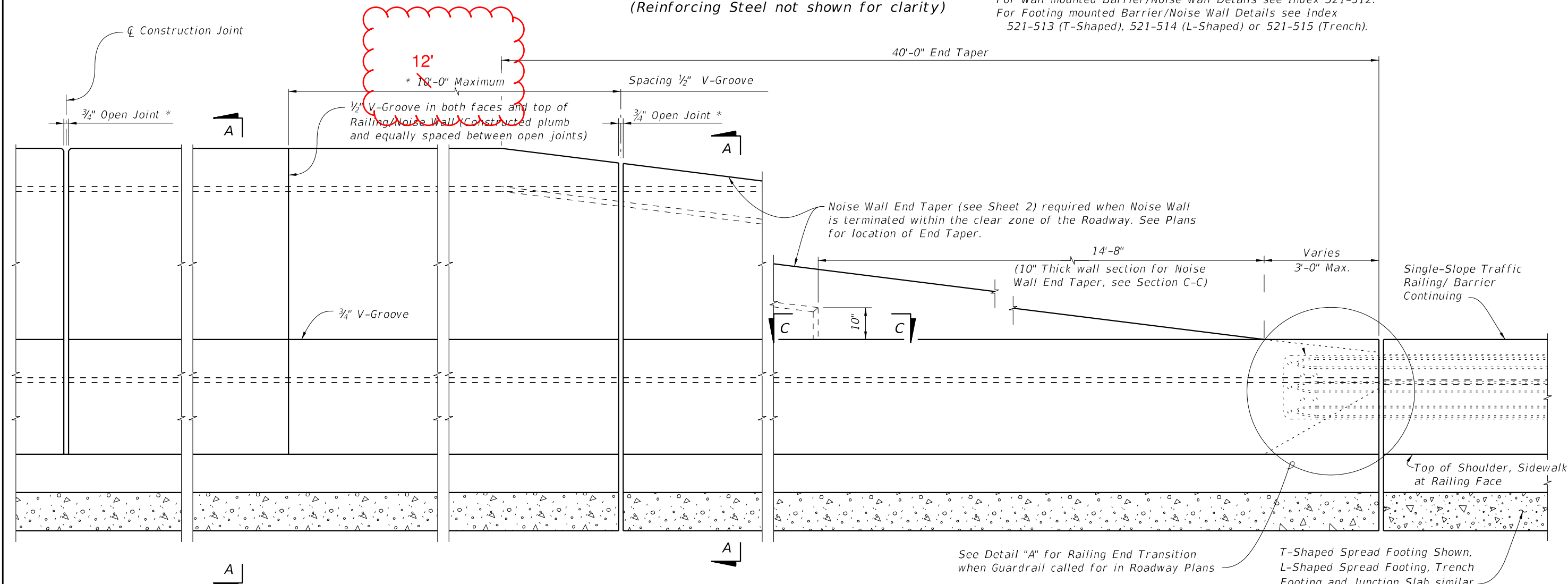
- Design Bulletin (Interim)    DCE Memo    Program Mgmt. Bulletin    FY-Standard Plans (Next Release)

Contact the Roadway Design Office for assistance in completing this form



\* Construct 3/4" Open Joints plumb at Construction Joints in Junction Slabs or Footings.

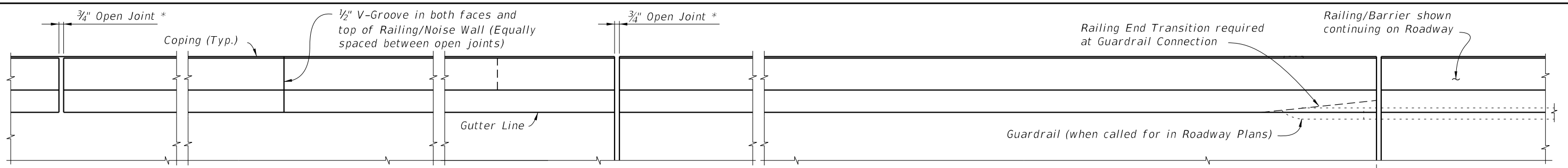
CROSS REFERENCE:  
 For Section A-A see Sheet 3.  
 For Section C-C and Detail "A" see Sheet 5.  
 For Wall mounted Barrier/Noise Wall Details see Index 521-512.  
 For Footing mounted Barrier/Noise Wall Details see Index 521-513 (T-Shaped), 521-514 (L-Shaped) or 521-515 (Trench).



- NOTES:
1. Work this Index with Indexes 521-512 through 521-515.
  2. The Concrete Barrier/Noise Wall and joints shall be constructed plumb.
  3. Concrete:
    - A. Class II for slightly aggressive environments.
    - B. Class IV for moderately or extremely aggressive environments.
  4. Provide 3/4" Open Joints spaced between 30 feet minimum to 90 feet maximum. Align Open Joints with construction joints in the Junction Slab or Footing. Provide additional reinforcing (see Sheet 2) at each open joint.
  5. Install Barrier Delineators 2'-4" above the riding surface in accordance with Specification Section 705. Match the Barrier Delineators color (White or Yellow) to the near edgeline.
  6. Slip forming of the barrier portion is permitted.
    - A. Stem walls may be widened, at no additional cost, to accommodate slip forming.

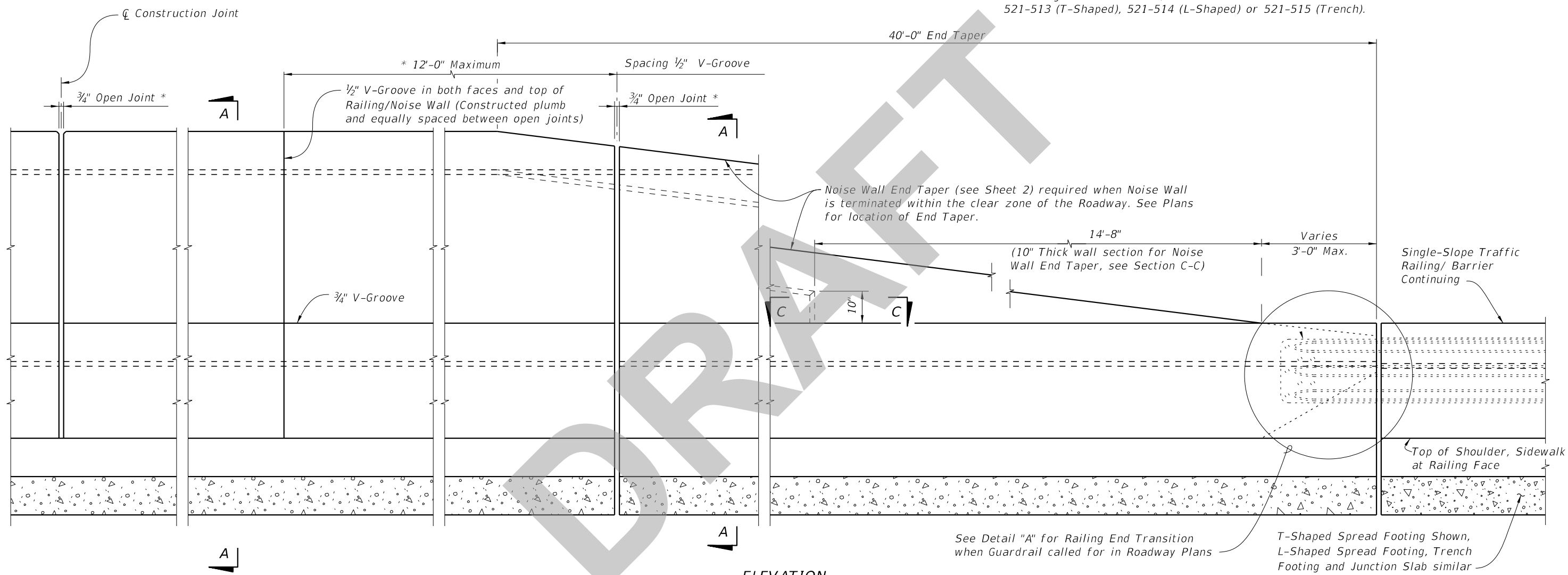
10/24/2018 2:29:20 PM

LAST REVISION	11/01/18	DESCRIPTION:			FY 2019-20 STANDARD PLANS	CONCRETE BARRIER/NOISE WALL (8'-0")	INDEX 521-510	SHEET 1 of 5
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SDATES

LAST REVISION 11/01/19	REVISION	DESCRIPTION:	 FY 2020-21 STANDARD PLANS	CONCRETE BARRIER/NOISE WALL (8'-0")	INDEX 521-510	SHEET 1 of 5
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