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## ORIGINATION FORM

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

### **Contact Information:**

Date: January 9, 2020

Originator: Cheryl Hudson

Phone: 414-5332

Email: cheryl.hudson@dot.state.fl.us

### **Standard Plans:**

Index Number: 515-052

Sheet Number (s): 8

Index Title: Bicycle Pedestrian Railing (Steel)

### **Summary of the changes:**

Change edge beam of sidewalk to 9" deep.

### **Commentary / Background:**

Due to research, embedment was reduced to 6"; therefore, the depth can be reduced to 9".

### **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:**

(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 checked="" type="checkbox"/> | Proposed Standard Plan Instruction (SPI) |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Revised SPI                              |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Other Support Documents                  |

### **Implementation:**

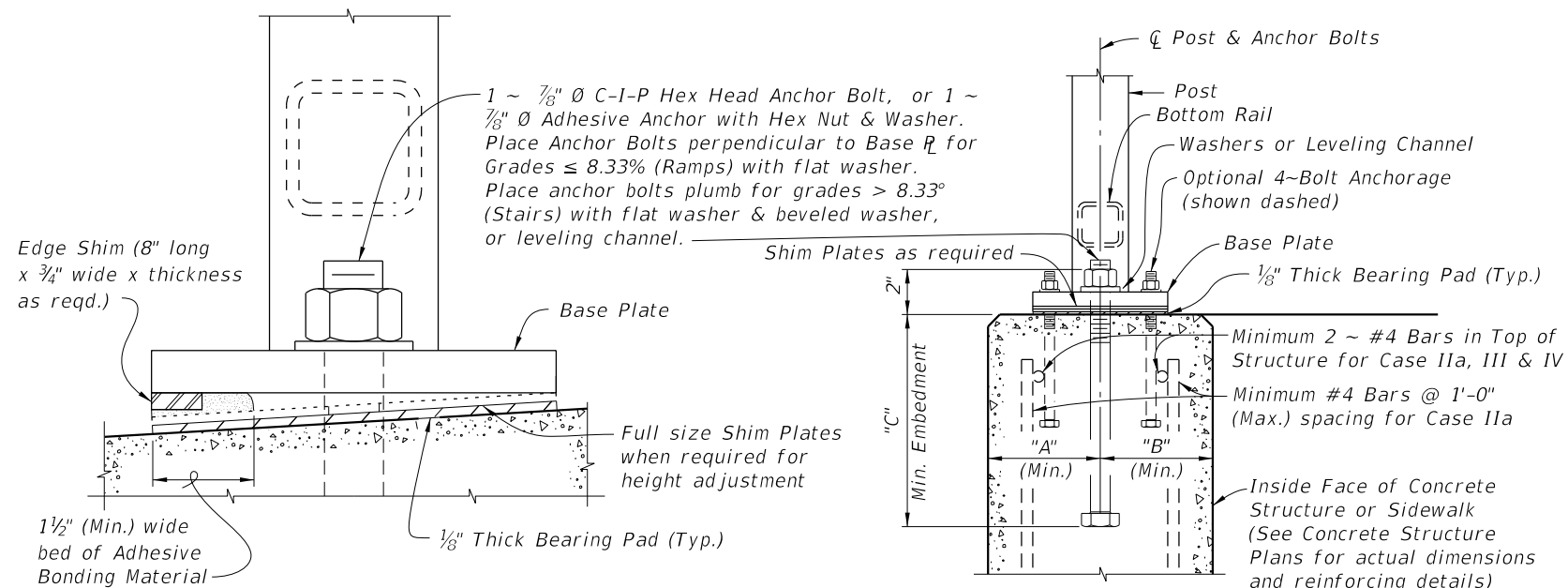
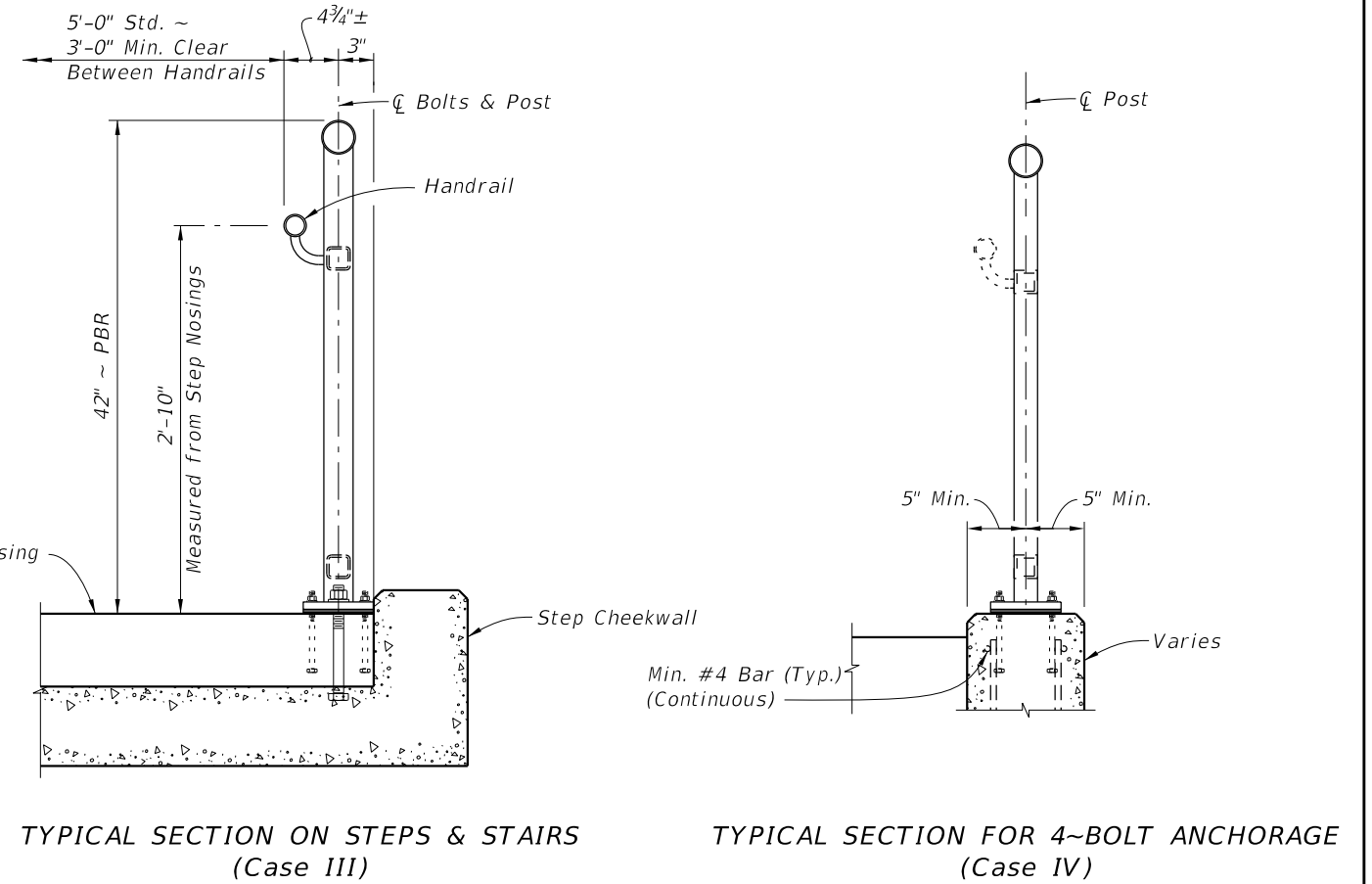
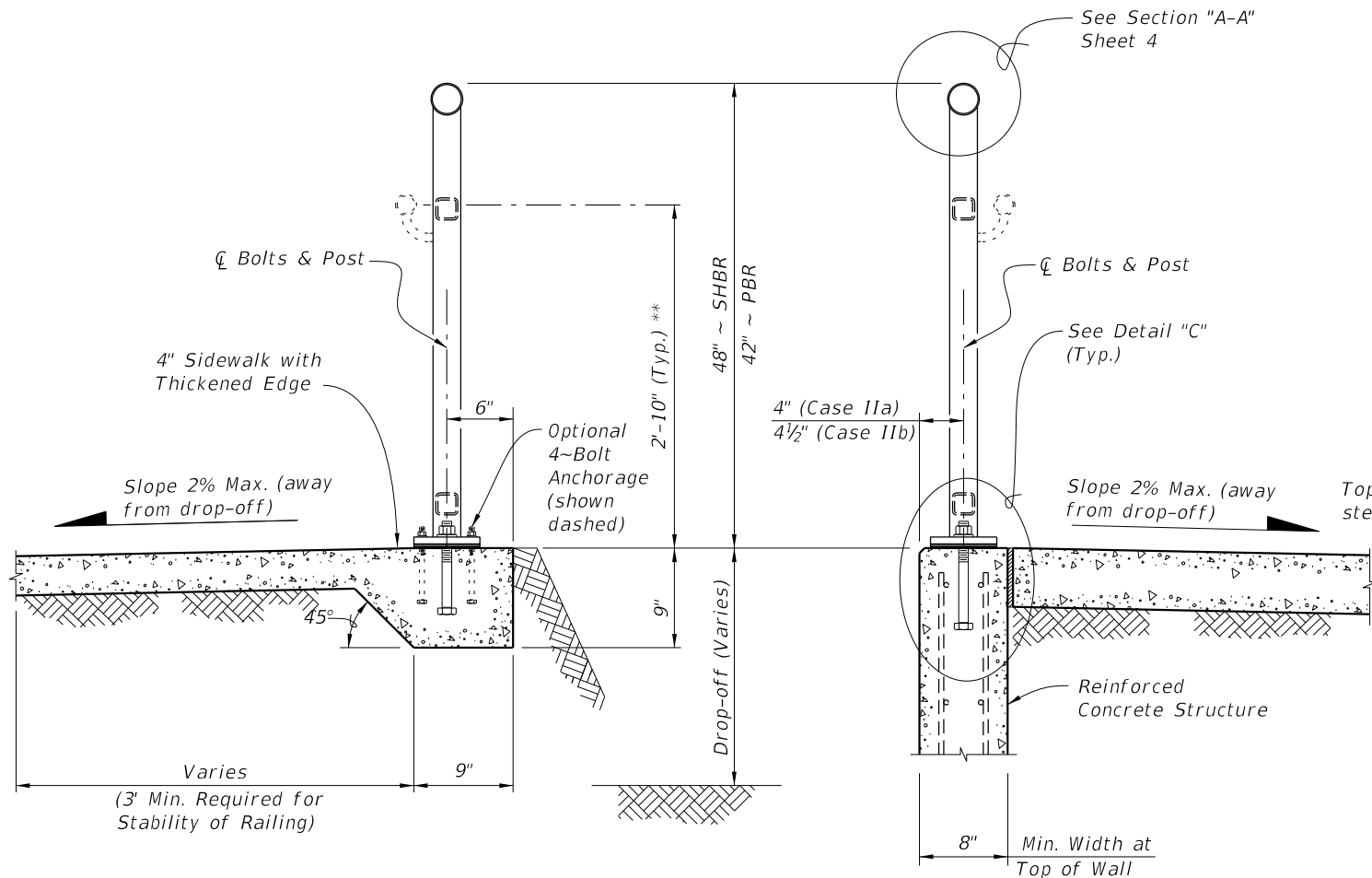
|                                     |                                  |
|-------------------------------------|----------------------------------|
| <input type="checkbox"/>            | Design Bulletin (Interim)        |
| <input type="checkbox"/>            | DCE Memo                         |
| <input type="checkbox"/>            | Program Mgmt. Bulletin           |
| <input checked="" type="checkbox"/> | FY-Standard Plans (Next Release) |

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Contact the Roadway Design Office for assistance in completing this form

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| ANCHOR BOLT TABLE |                               |                 |                 |                |                        |                    |             |
|-------------------|-------------------------------|-----------------|-----------------|----------------|------------------------|--------------------|-------------|
| CASE              | STRUCTURE TYPE                | DIMENSIONS      |                 |                | ANCHOR LENGTH          |                    | ANCHOR SIZE |
|                   |                               | A<br>Edge Dist. | B<br>Edge Dist. | C<br>Embedment | C-I-P Hex<br>Head Bolt | Adhesive<br>Anchor |             |
| I                 | Unreinforced Concrete         | 6"              | 1'-2"           | 6"             | 7½"                    | 8"                 | ⅞" Ø        |
| IIa               | Reinforced Concrete           | 4"              | 4"              | 9"             | 10½"                   | 11"                | ⅞" Ø        |
| IIb               | Gravity Wall<br>Index 400-011 | 4½"             | 3½"<br>@ top    | 9"             | 10½"                   | 11"                | ⅞" Ø        |
| III               | Step Cheekwall                | 4½"             | 4½"             | 9"             | 10½"                   | 11"                | ⅞" Ø        |
| IV                | Varies                        | 5"              | 5"              | 5"             | 6½"                    | 7"                 | ⅞" Ø        |

\*\* When required; measured from top of sidewalk.

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