

---

## ORIGINATION FORM

---

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

### **Contact Information:**

Date: January 14, 2020

Originator: Cheryl Hudson

Phone: 414-5332

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

### **Standard Plans:**

Index Number: 515-080

Sheet Number (s): 5

Index Title: Pipe Guiderail (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 checked="" type="checkbox"/> | <input type="checkbox"/>            | Other Standard Plans – 522-001 Concrete Sidewalk |
| <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                  |

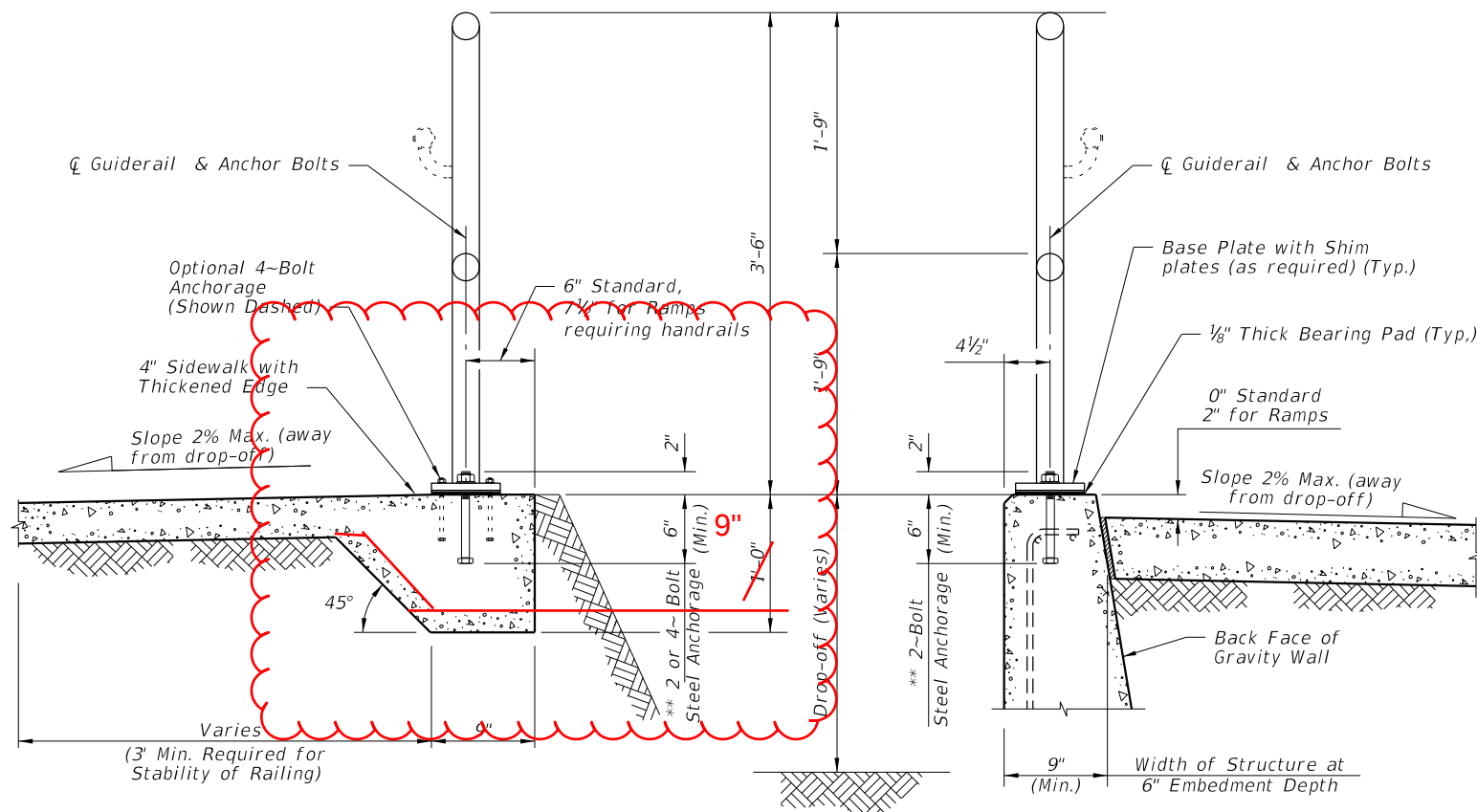
### **Implementation:**

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

---

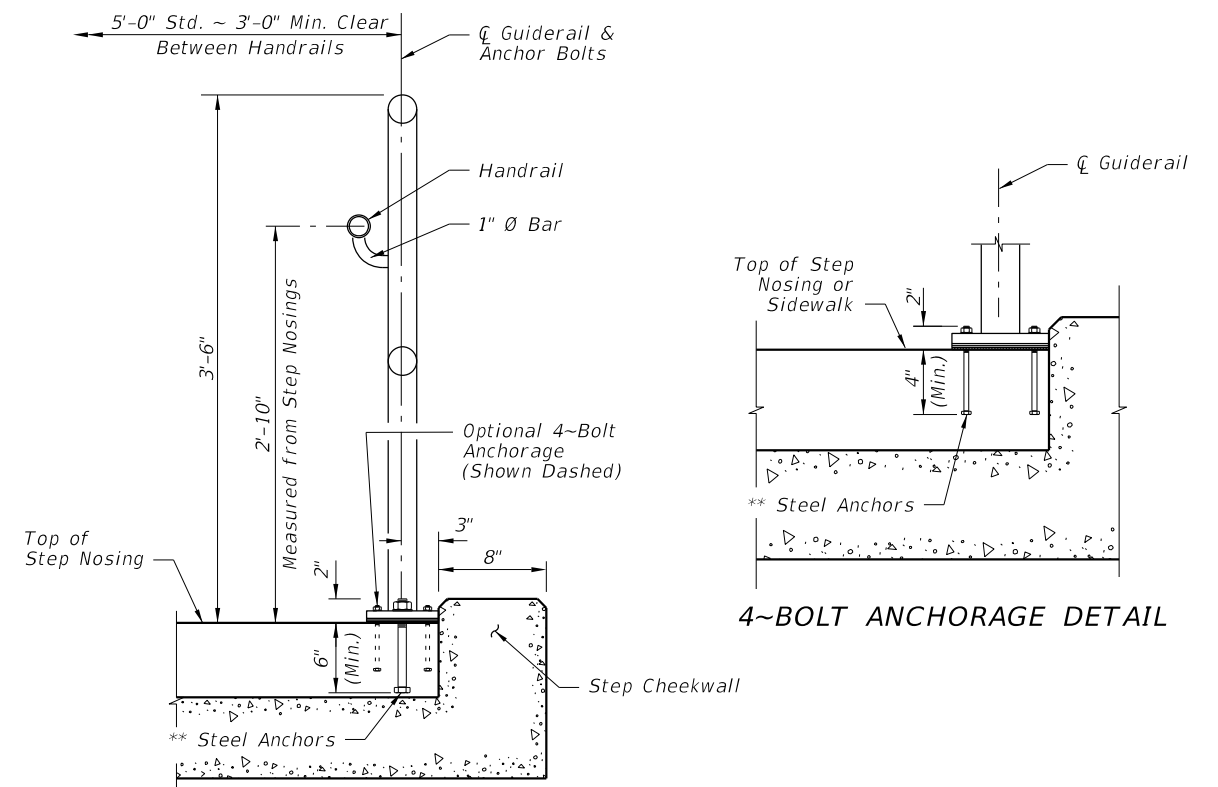
Contact the Roadway Design Office for assistance in completing this form

---



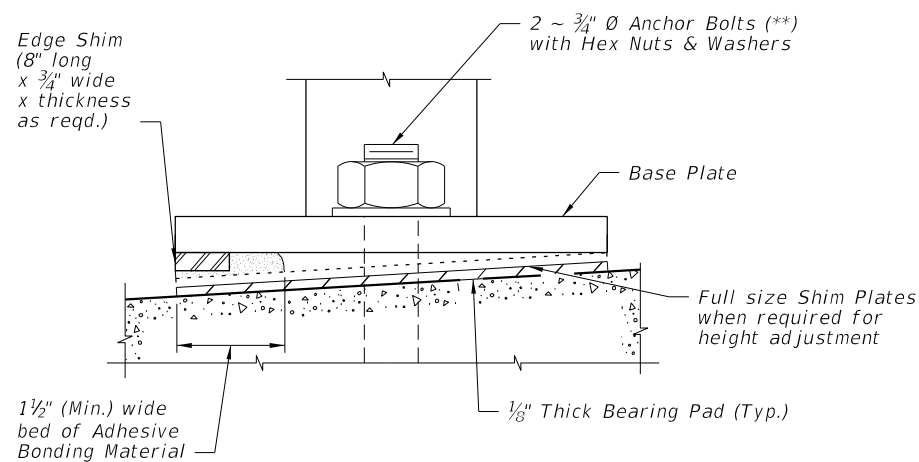
TYPICAL SECTION ON CONCRETE SIDEWALK

TYPICAL SECTION ON GRAVITY WALL  
(Other Retaining Walls Similar)

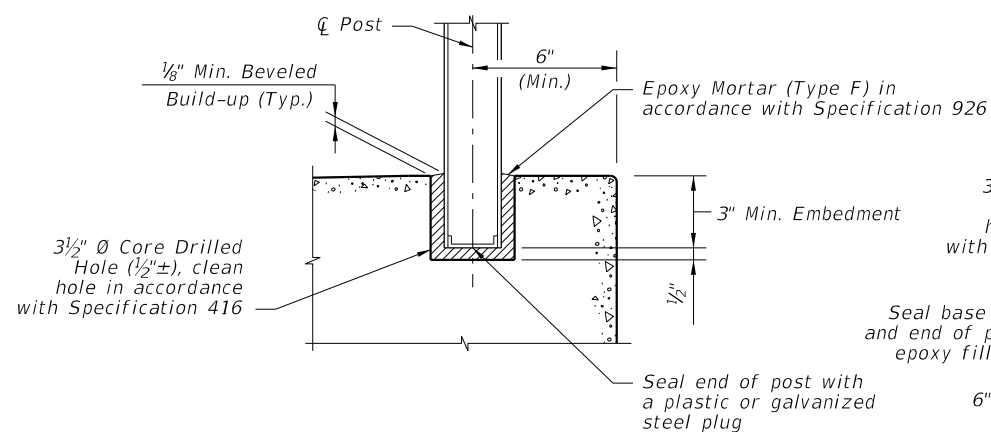


TYPICAL SECTION ON STEPS & STAIRS

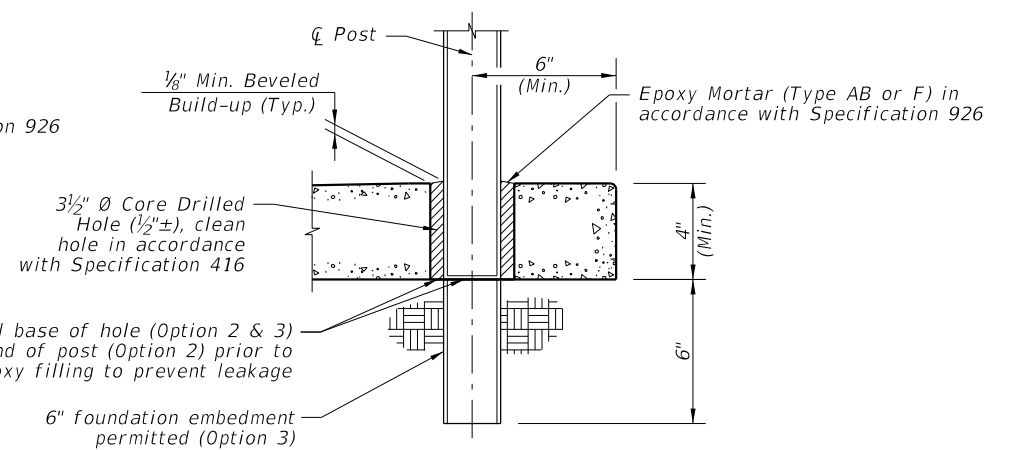
4~BOLT ANCHORAGE DETAIL



DETAIL "F" (OPTIONAL SHIMMING DETAIL  
FOR CROSS SLOPE CORRECTION)  
(Used in lieu of Beveled Shim Plates)



OPTIONAL SIDEWALK ANCHORAGE DETAIL



SIDEWALK ANCHORAGE DETAIL  
OPTION 2 & 3

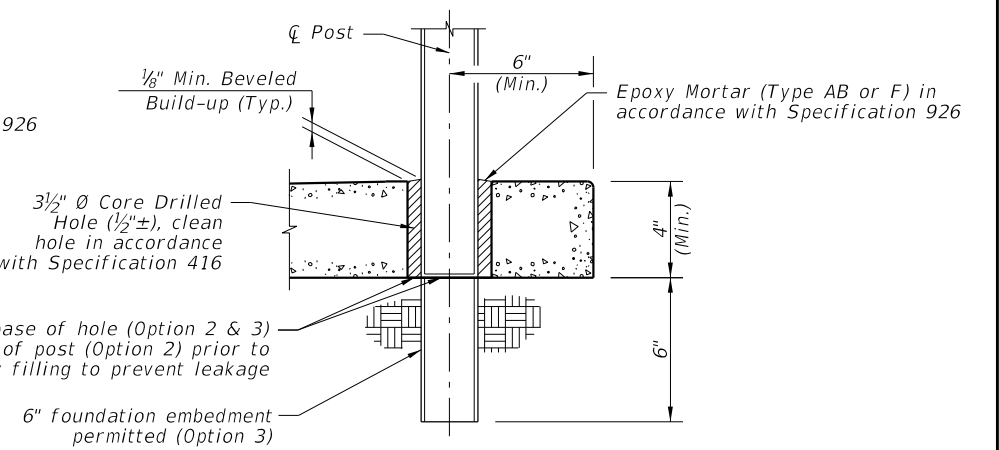
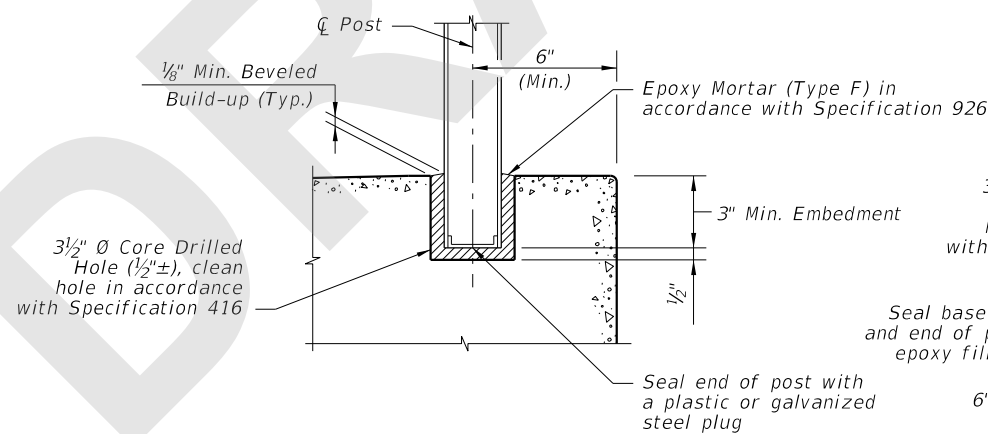
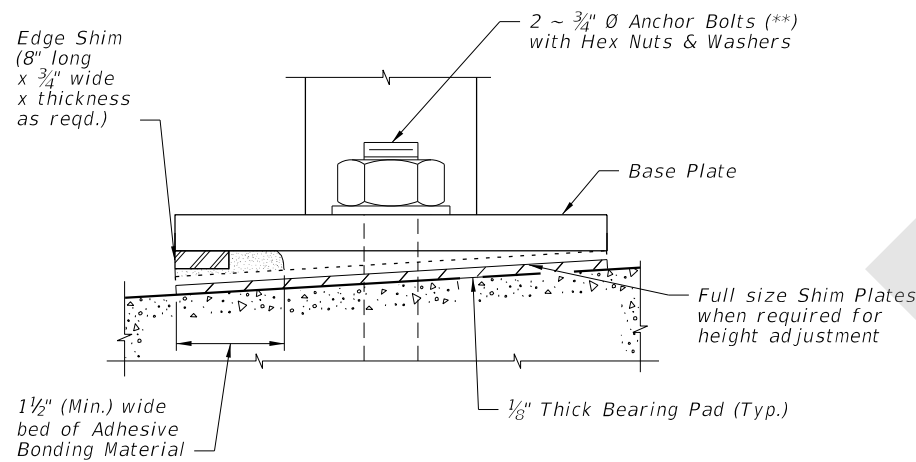
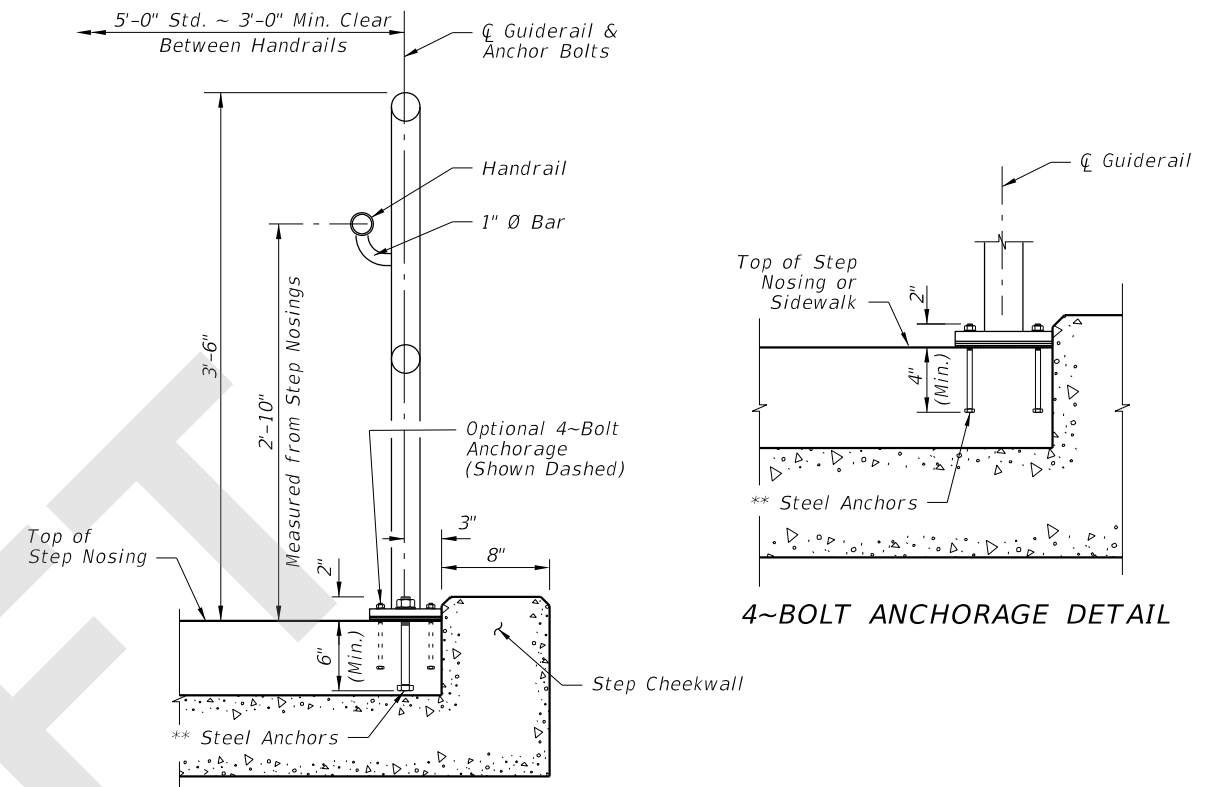
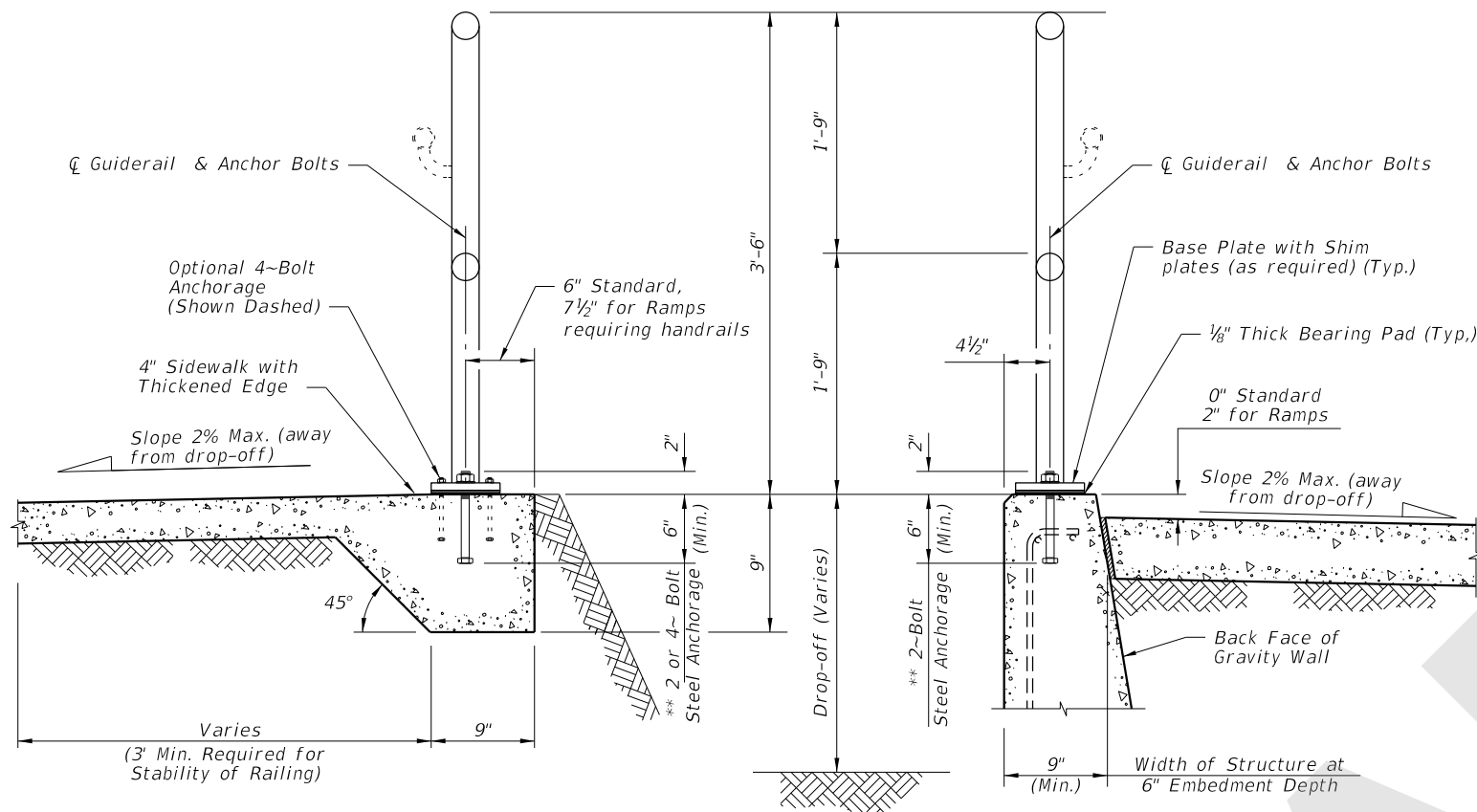
NOTES:  
\*\*2 ~ 3/4" Ø x 8" or 4 ~ 7/16" Ø x 6" Steel Anchors:  
Galvanized Steel Bolts (As Shown) (C-I-P); Galvanized U-Bolts  
Permitted (C-I-P); Galvanized Adhesive Anchors Permitted  
(\*\*); Expansion Anchors Not Permitted.

\*\*\* The minimum embedment for adhesive anchors is 6" for  
2-Bolt Anchorage or 4" for 4-Bolt Anchorage.

10/14/2019 11:05:18 AM

11/01/2020

| LAST REVISION | DESCRIPTION: | FY 2020-21<br>STANDARD PLANS | PIPE GUIDERAIL (STEEL) | INDEX<br>515-080 | SHEET<br>5 of 5 |
|---------------|--------------|------------------------------|------------------------|------------------|-----------------|
| 11/01/17      |              |                              |                        |                  |                 |



NOTES:  
 \*\*2 ~ 3/4" Ø x 8" or 4 ~ 7/16" Ø x 6" Steel Anchors:  
 Galvanized Steel Bolts (As Shown) (C-I-P); Galvanized U-Bolts Permitted (C-I-P); Galvanized Adhesive Anchors Permitted (\*\*\*)  
 Expansion Anchors Not Permitted.

\*\*\* The minimum embedment for adhesive anchors is 6" for 2-Bolt Anchorage or 4" for 4-Bolt Anchorage.

**DRAFT - 1**

5/21/2020 1:19:49 PM

| LAST REVISION | DESCRIPTION: | FY 2020-21 STANDARD PLANS | PIPE GUIDERAIL (STEEL) | INDEX   | SHEET  |
|---------------|--------------|---------------------------|------------------------|---------|--------|
| 11/01/20      |              |                           |                        | 515-080 | 5 of 5 |