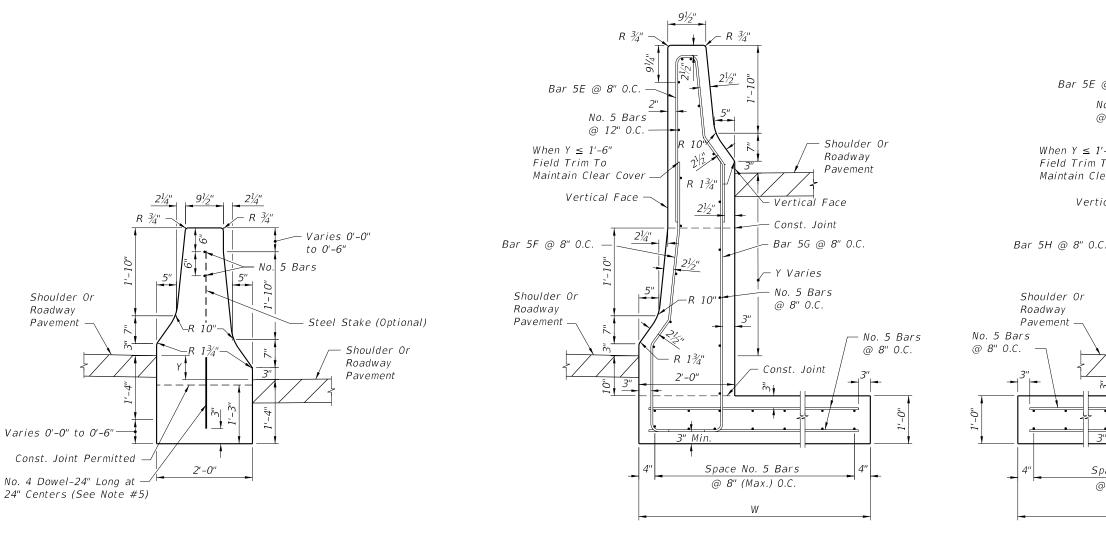


NOTES:

- 1. Reduce the vertical steel spacing to 4 inches 0.C. a distance of 4 feet for each side of all cold or expansion joints.
- 2. Unless otherwise noted, Minimum Segment Wall Length is 20 LF.
- 3. All walls may be made up of segments 20' or more in length provided the segments are joined by a transverse joint in accordance with the CONCRETE BARRIER WALL SPECIAL DETAILS, DETAIL B.
- 4. Quantities shown are for information only. Barrier wall inlets (Index 218) shall be isolated from the barrier wall stem and footing by 1" expansion material.
- 5. All longitudinal reinforcement to be continuous or spliced No. 5 bars. Lap splices a minimum of 2'-0".
- 6. For additional information on Bars 5A, 5B, 5C and 5D, see BAR BENDING DIAGRAMS.

DESCRIPTION:	





F-SHAPE MEDIAN BARRIER WHEN Y IS LESS THAN OR EQUAL TO 6 INCHES

## CANTILEVER WALL SUPERELEVATED SECTION

2'-0"

3'-0"

25'

2'-0"

3'-0"

22'

2'-6"

3'-3''

23'

2'-6"

3'-3''

21'

3'-0"

3'-3''

24'

3'-0"

3'-3''

22'

3'-6"

3'-6"

22'

3'-6"

3'-6"

21'

DIMENSIONS TABLE

1'-6"

2'-9"

27'

1'-6"

2'-9"

24'

Shoulder Or

Roadway

Pavement

### NOTES:

- Contractor's option.

# MEDIAN BARRIER WALL FOR SUPERELEVATED SECTIONS WITH VARIABLE ROADWAY PROFILE GRADE LINES

1'-0''

2'-6"

29'

1'-0"

2'-6"

26'



Height Y

Width W

Height Y

Width W1

Cantilever

Wall

L-Wall

Min. Segment Wall Length

Min. Segment Wall Length

## CONCRETE BARRIER WALL

4'-0"

3'-6"

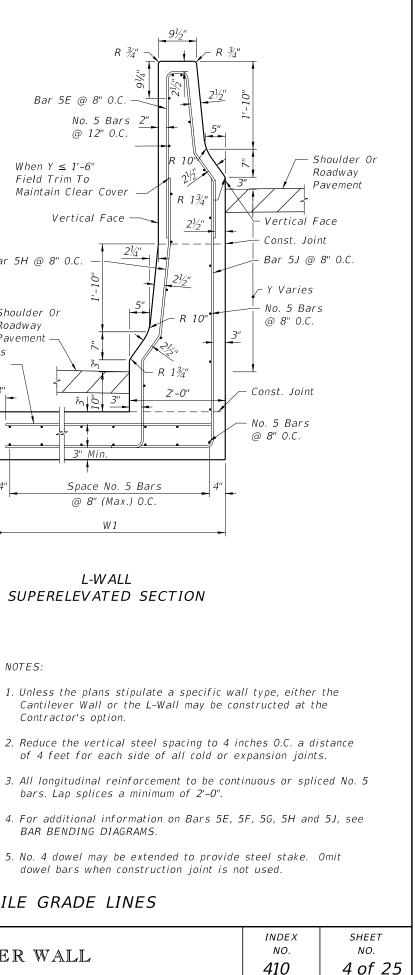
24'

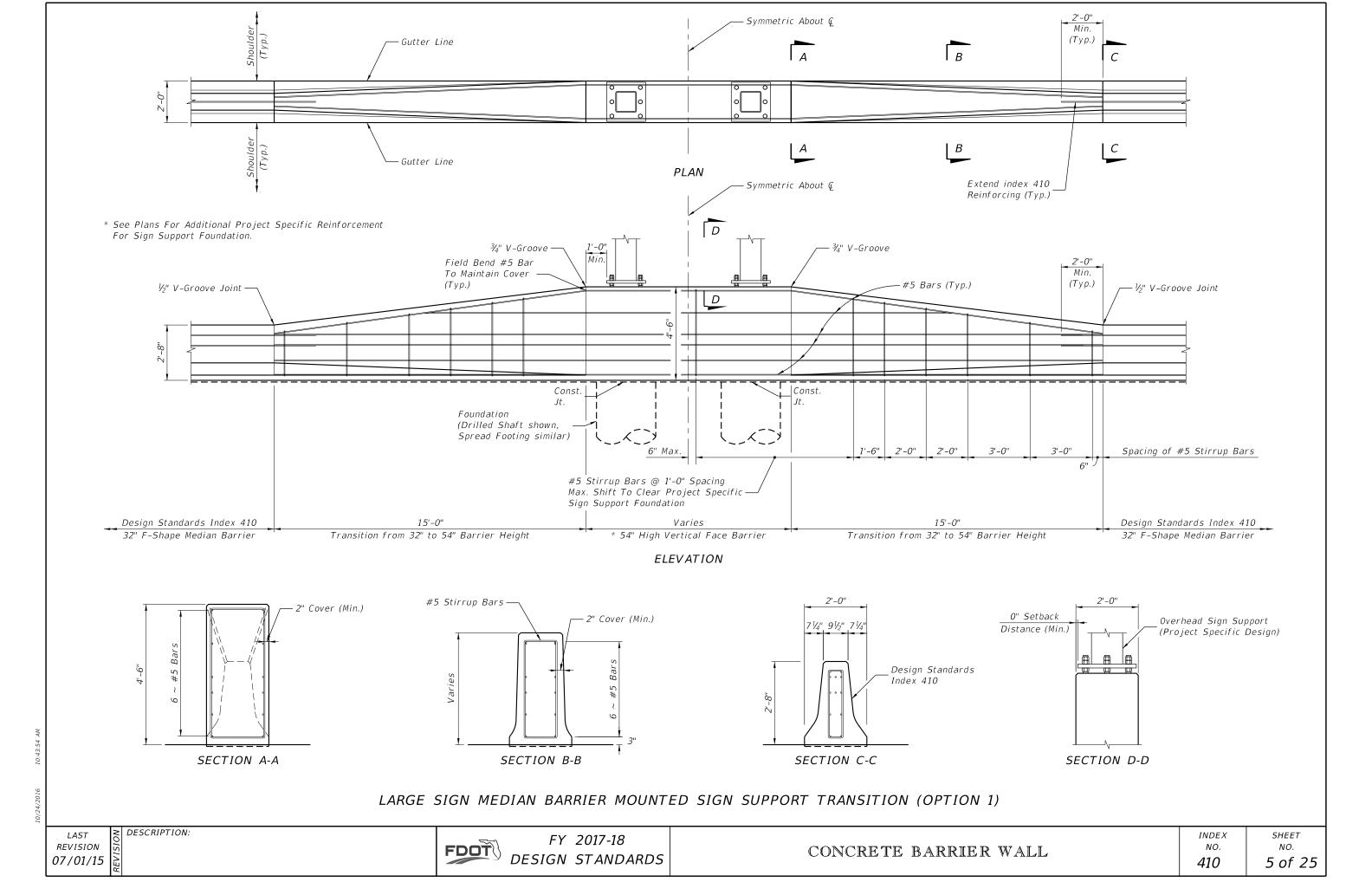
4'-0"

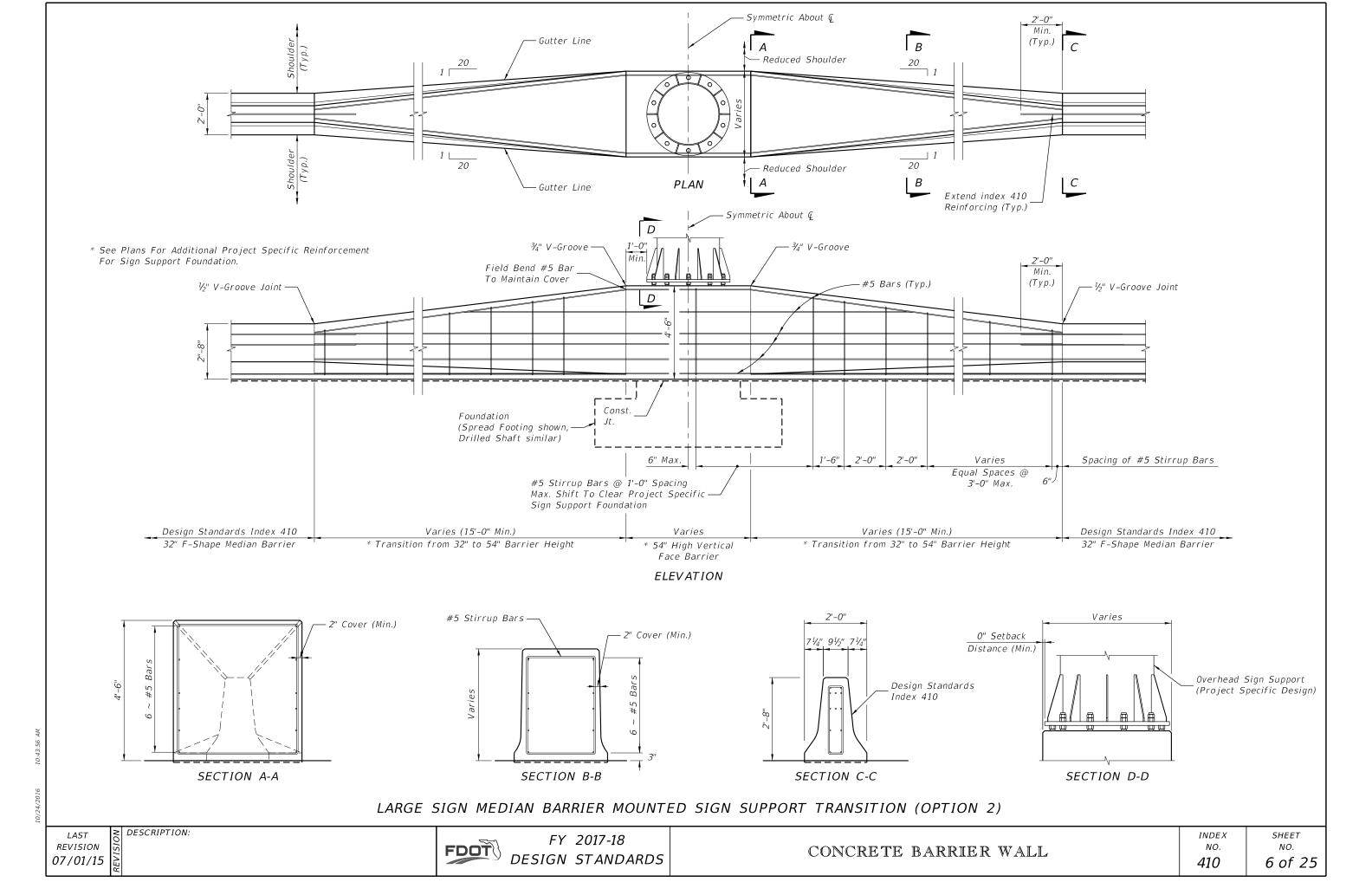
3'-6"

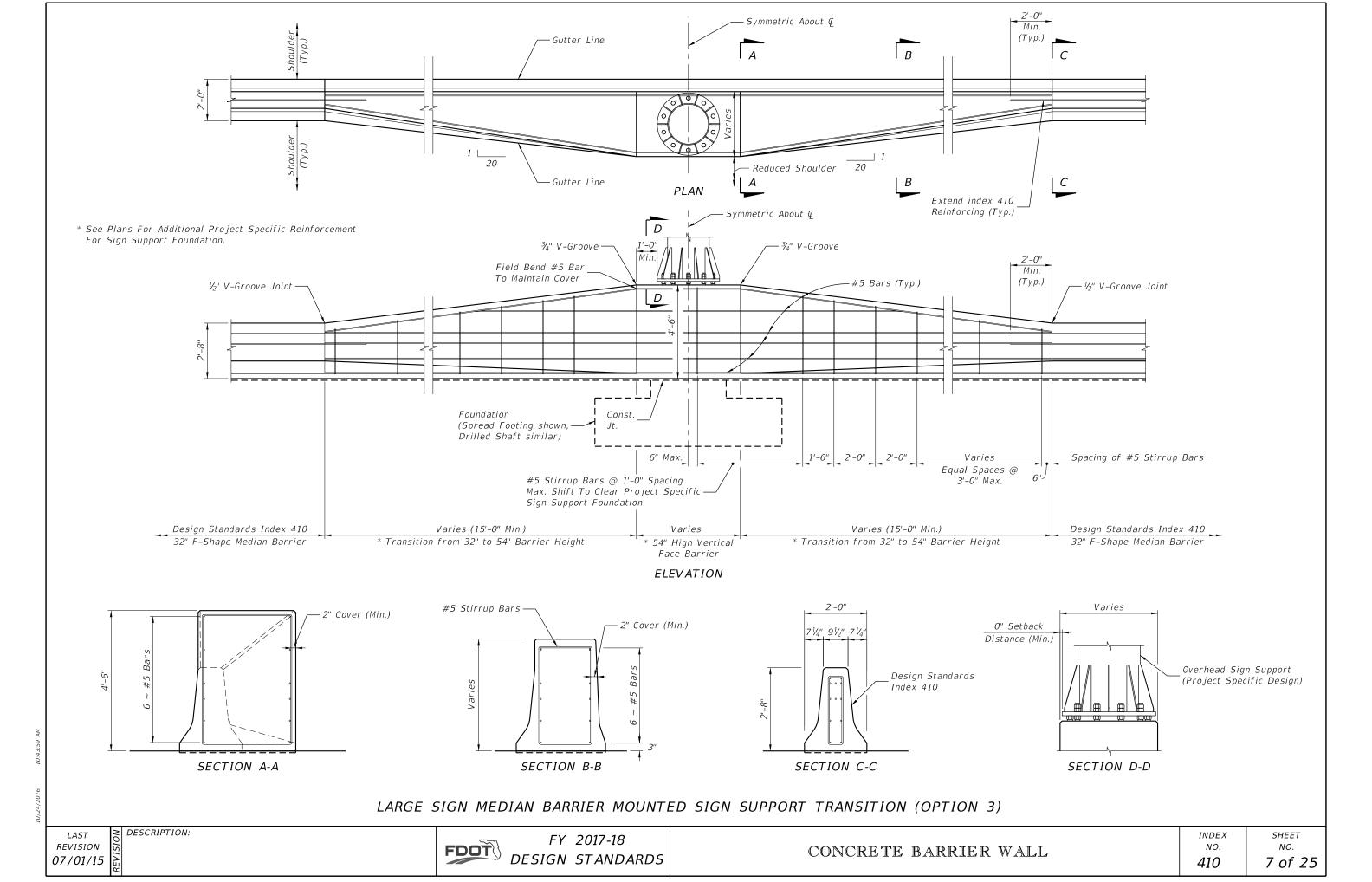
24'

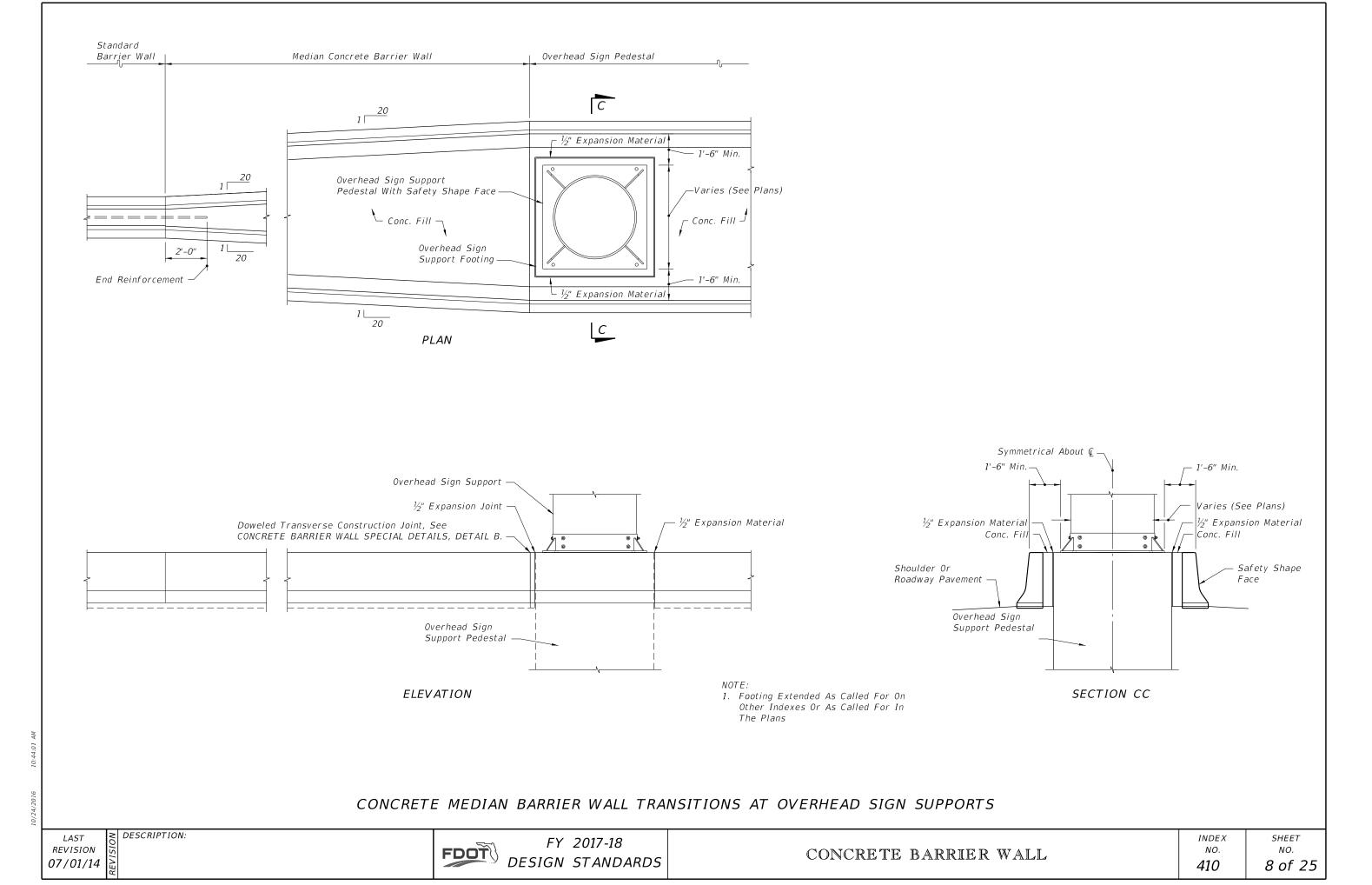


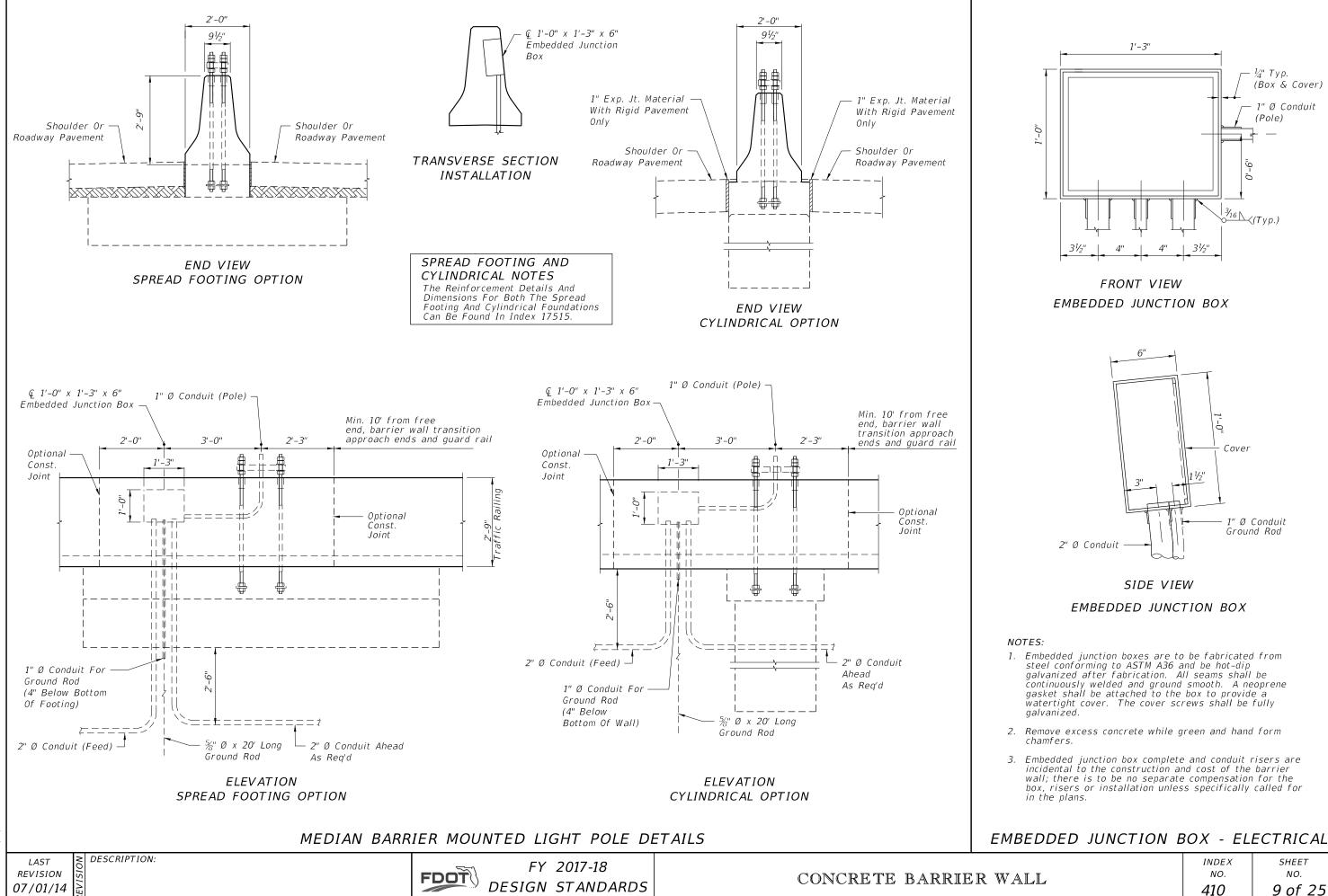












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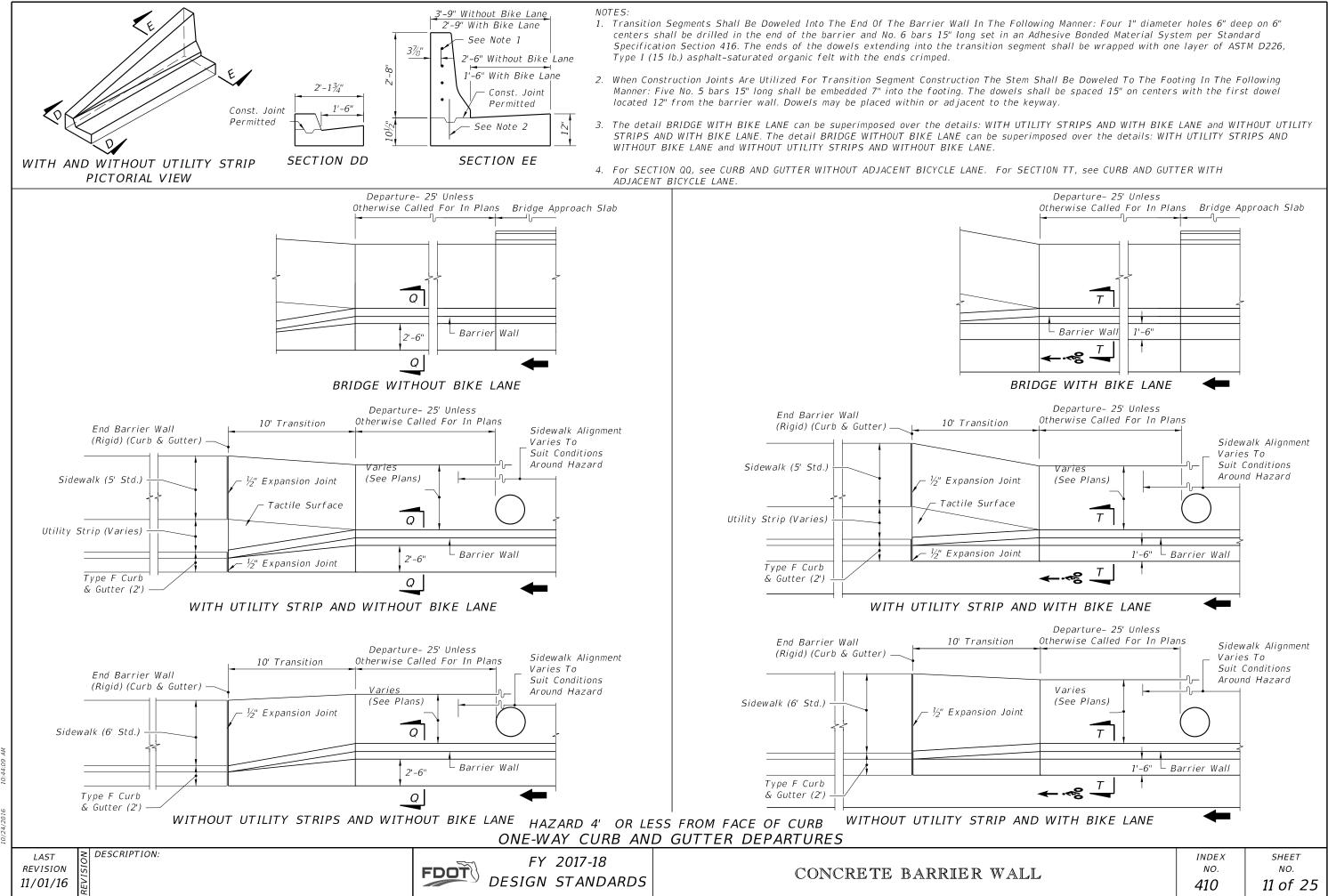
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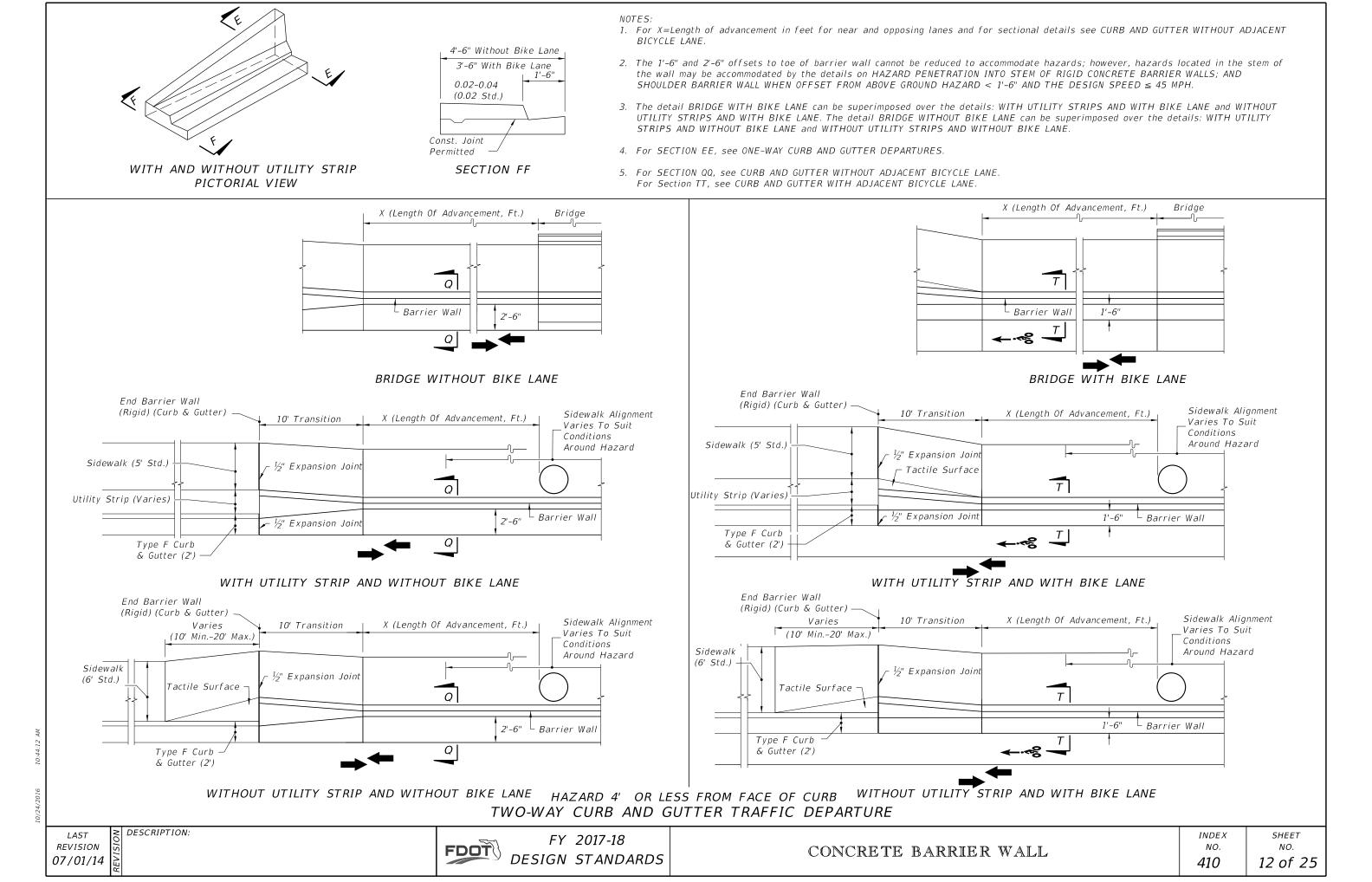
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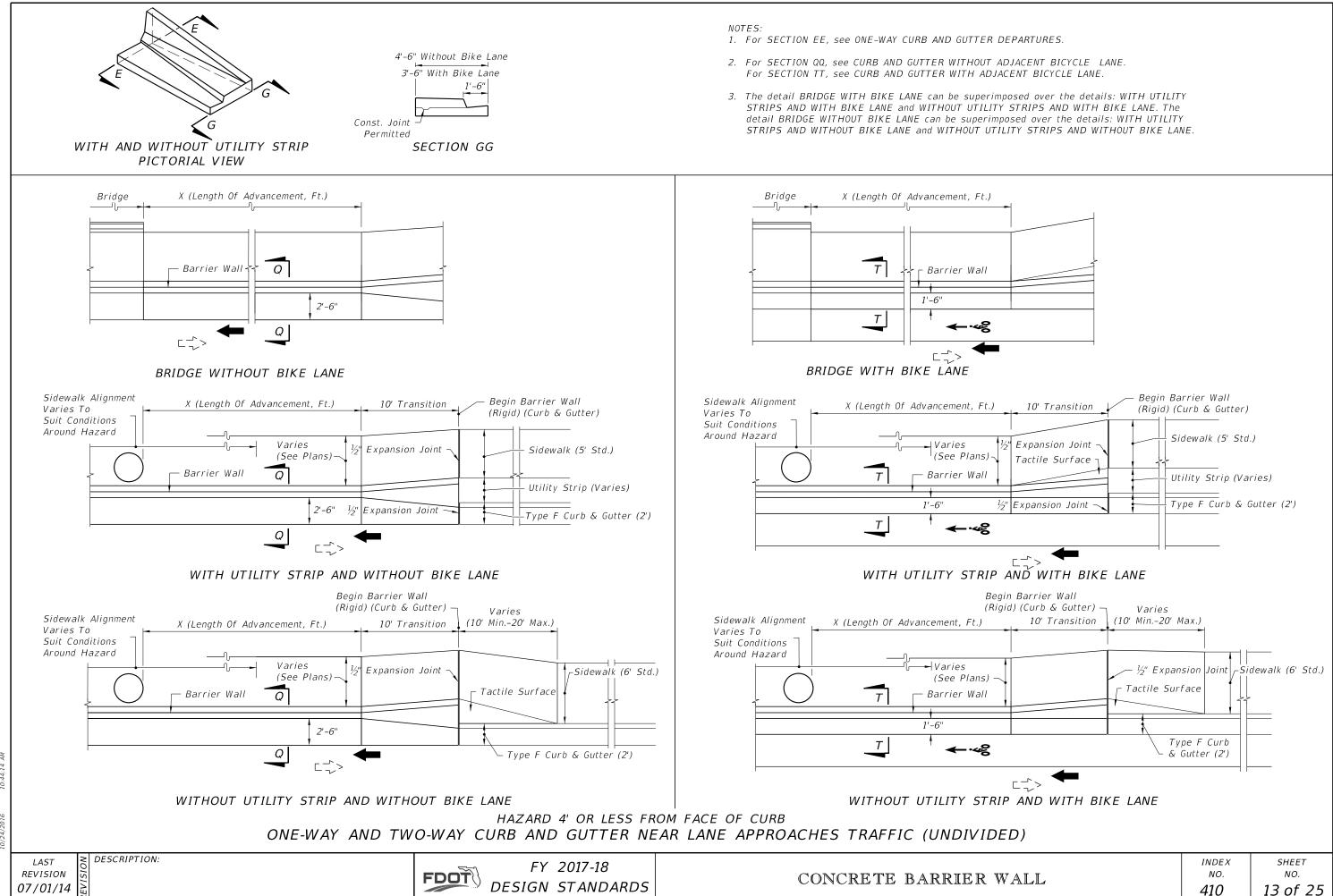
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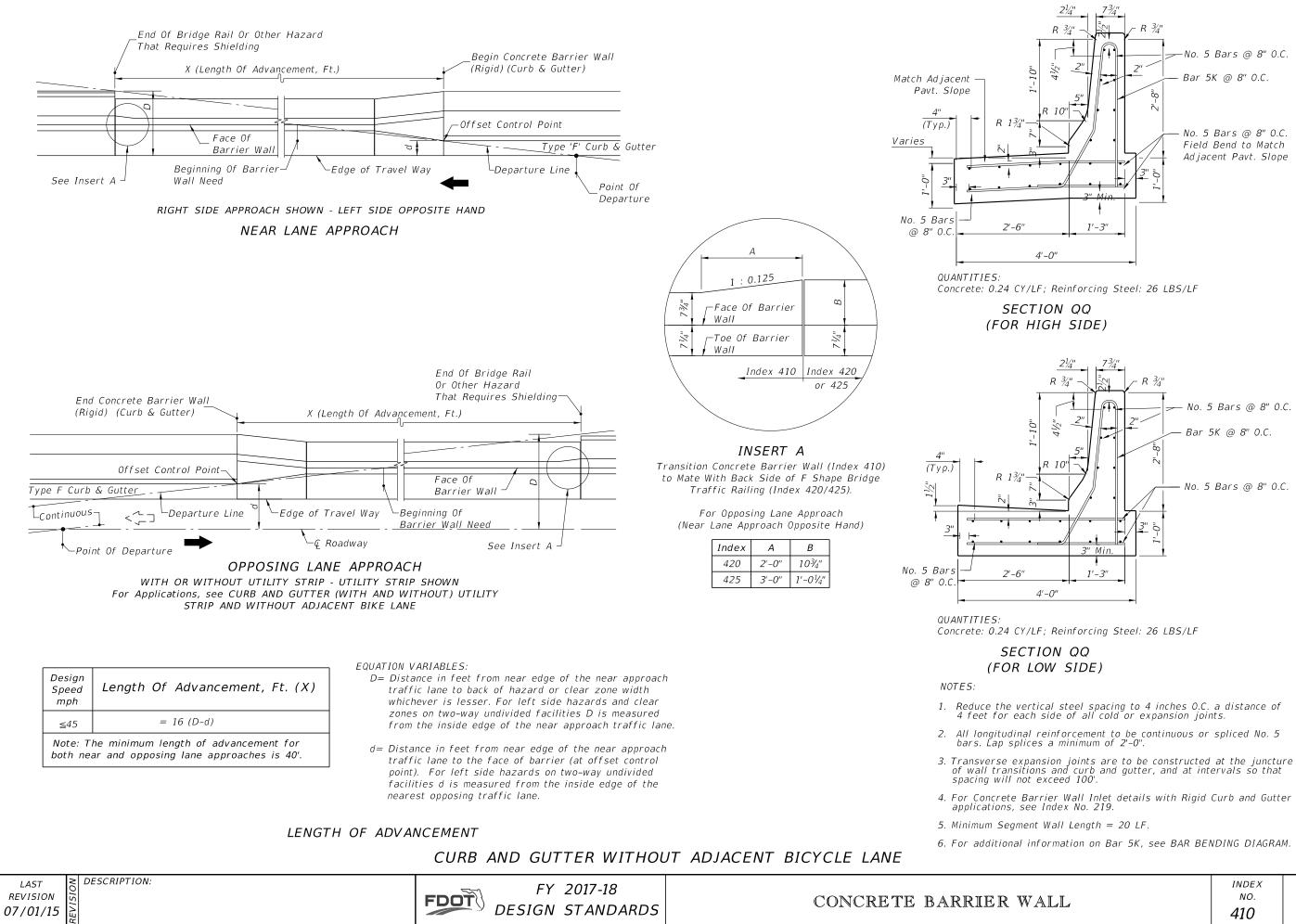


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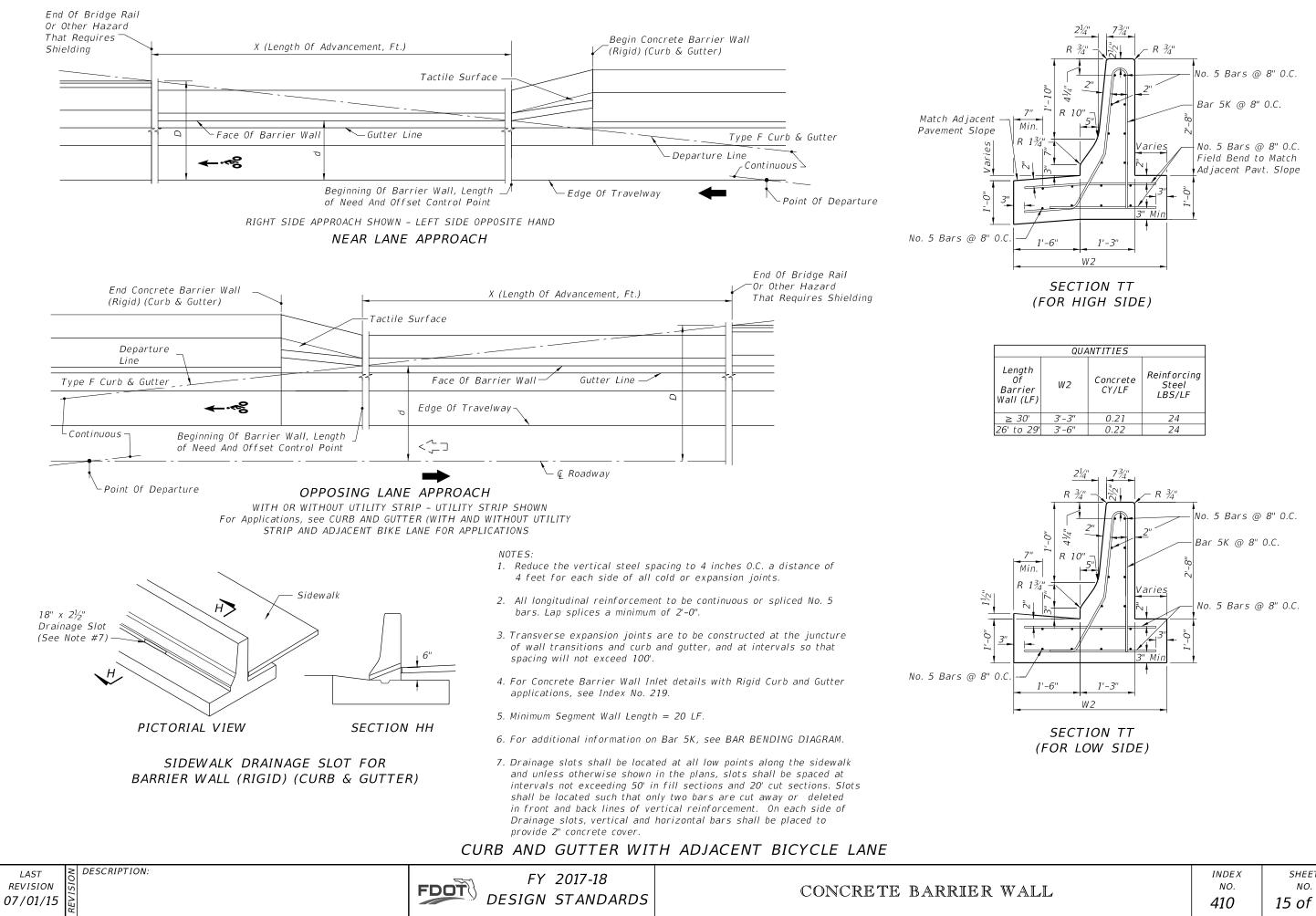








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QUA	NTITIES	
W2	Concrete CY/LF	Reinforcing Steel LBS/LF
3'-3"	0.21	24
3'-6"	0.22	24

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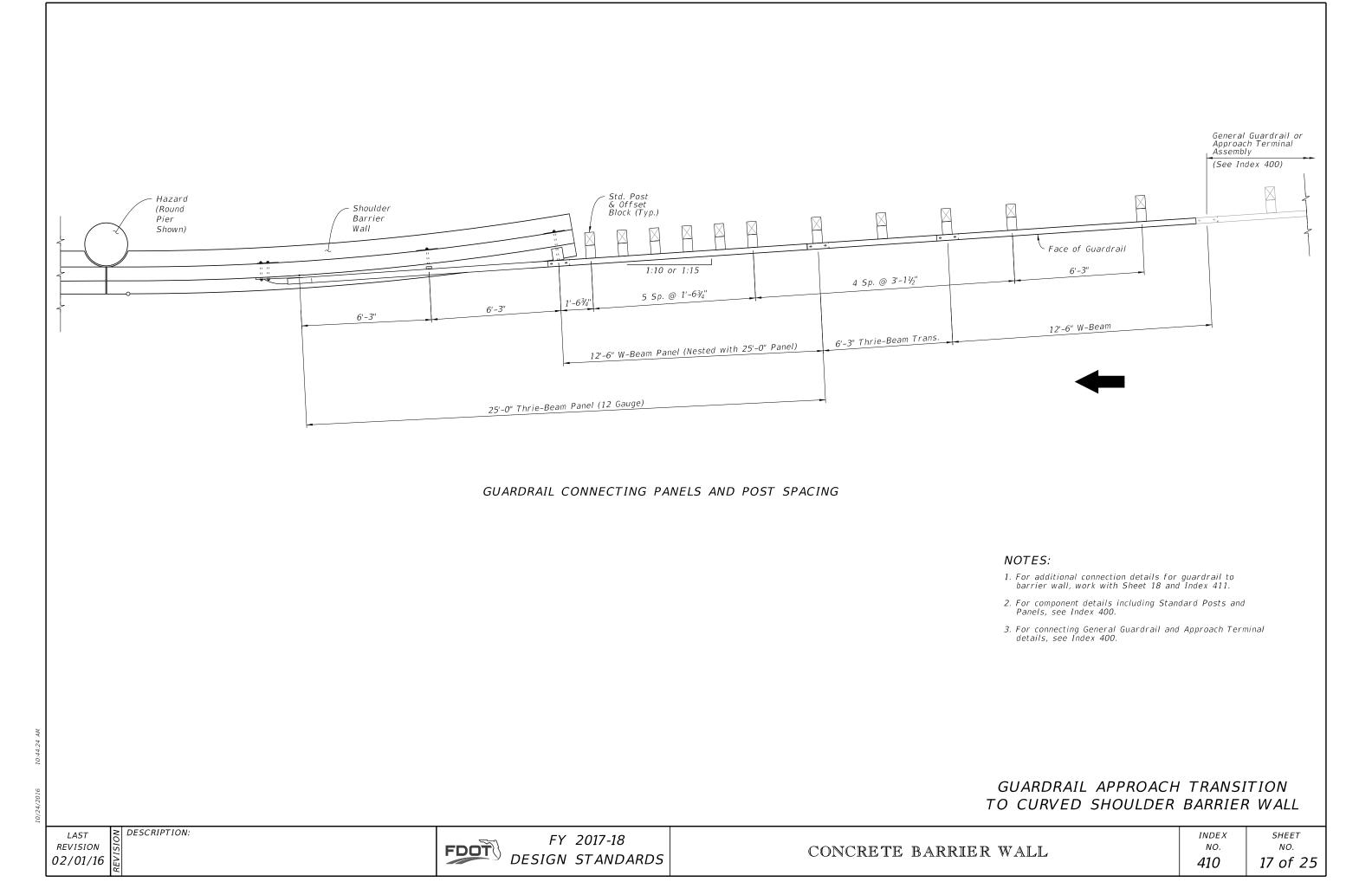
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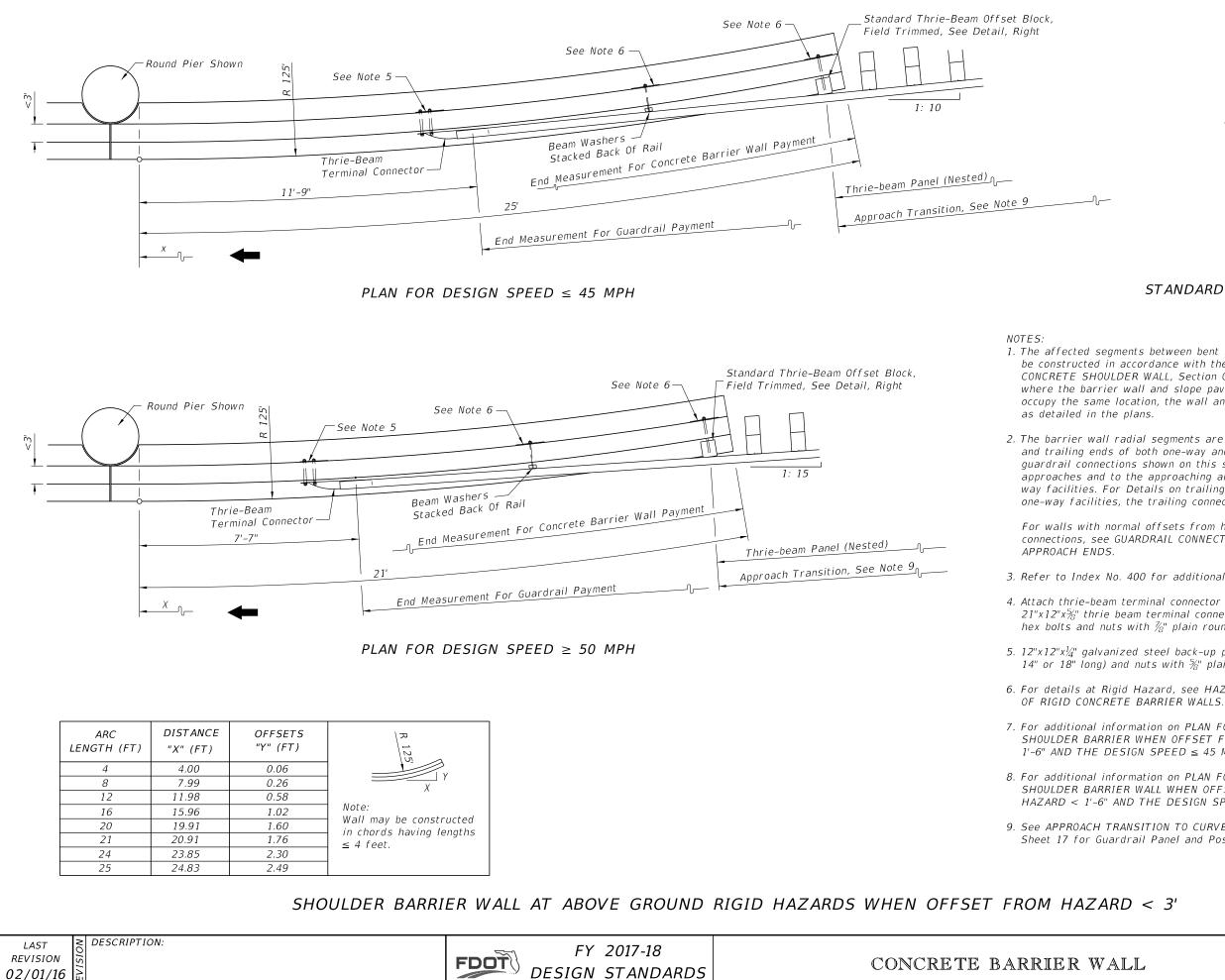
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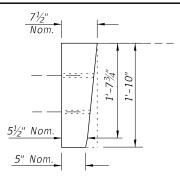
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FOR USE WITH EITHER 1: 10 OR 1: 15 GUARDRAIL TRANSITIONS

### STANDARD THRIE-BEAM OFFSET BLOCK (FIELD TRIMMED)

1. The affected segments between bent supports or pier columns shall be constructed in accordance with the detail for REINFORCED CONCRETE SHOULDER WALL, Section QQ, or Section TT. In cases where the barrier wall and slope pavement or other structure would occupy the same location, the wall and structure are to be modified

2. The barrier wall radial segments are intended for use on approach and trailing ends of both one-way and two-way facilities. The guardrail connections shown on this sheet apply to one-way approaches and to the approaching and trailing ends of two-lane twoway facilities. For Details on trailing ends of two-way multilane and one-way facilities, the trailing connection in Index 400 may be used.

For walls with normal offsets from hazards and their guardrail connections, see GUARDRAIL CONNECTION TO CONCRETE BARRIER WALL

3. Refer to Index No. 400 for additional guardrail information.

4. Attach thrie-beam terminal connector to shoulder barrier wall with a 21"x12"x $\frac{5}{3}$ " thrie beam terminal connector plate and 5- $\frac{7}{3}$ "x12" long HS hex bolts and nuts with  $\frac{7}{8}$ " plain round washers under heads and nuts.

5.  $12" \times 12" \times \frac{1}{4}"$  galvanized steel back-up plate with  $\frac{5}{8}"$  post bolts (either 14" or 18" long) and nuts with  $\frac{5}{6}$ " plain round washers under nuts.

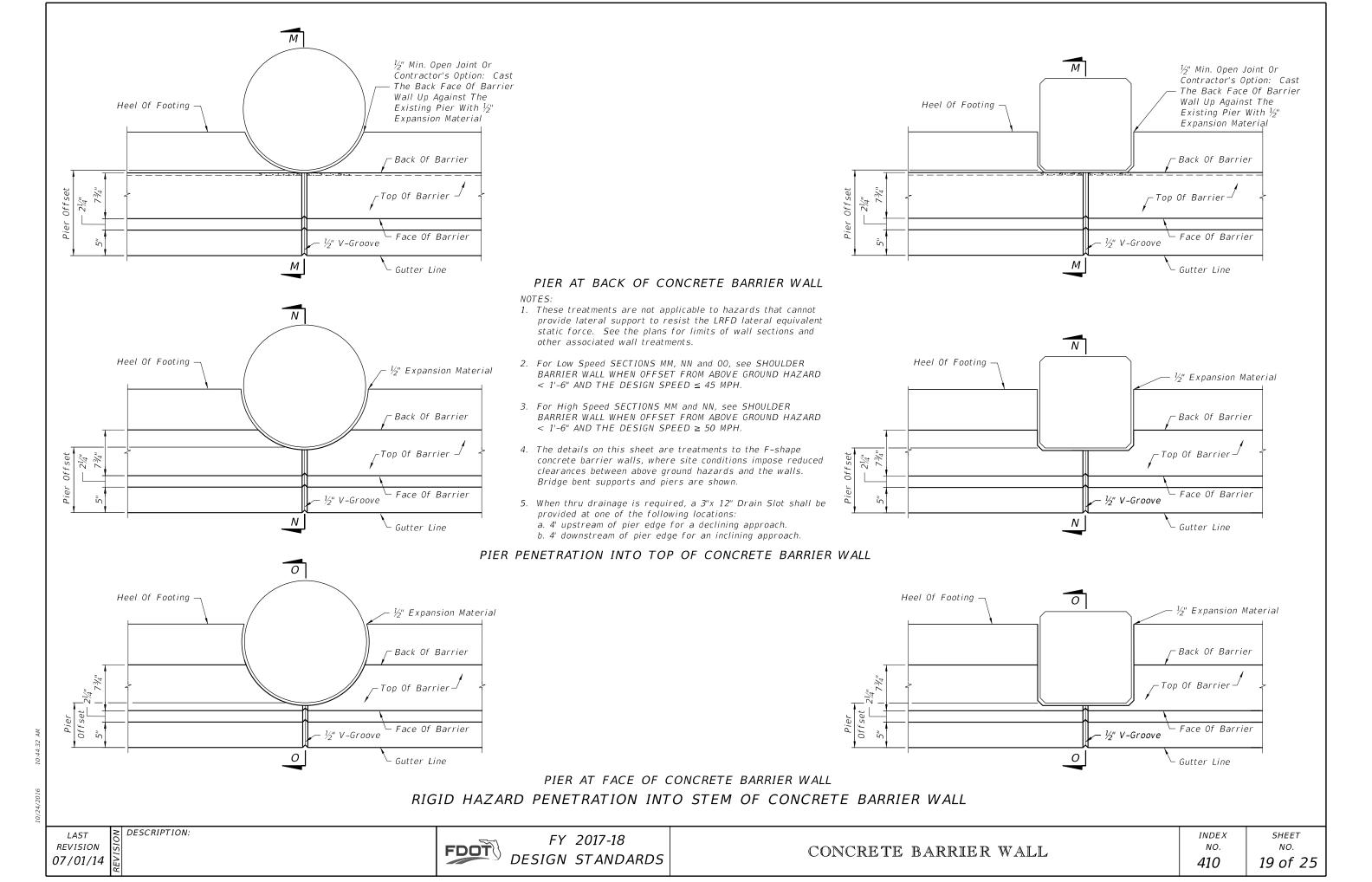
6. For details at Rigid Hazard, see HAZARD PENETRATION INTO STEM

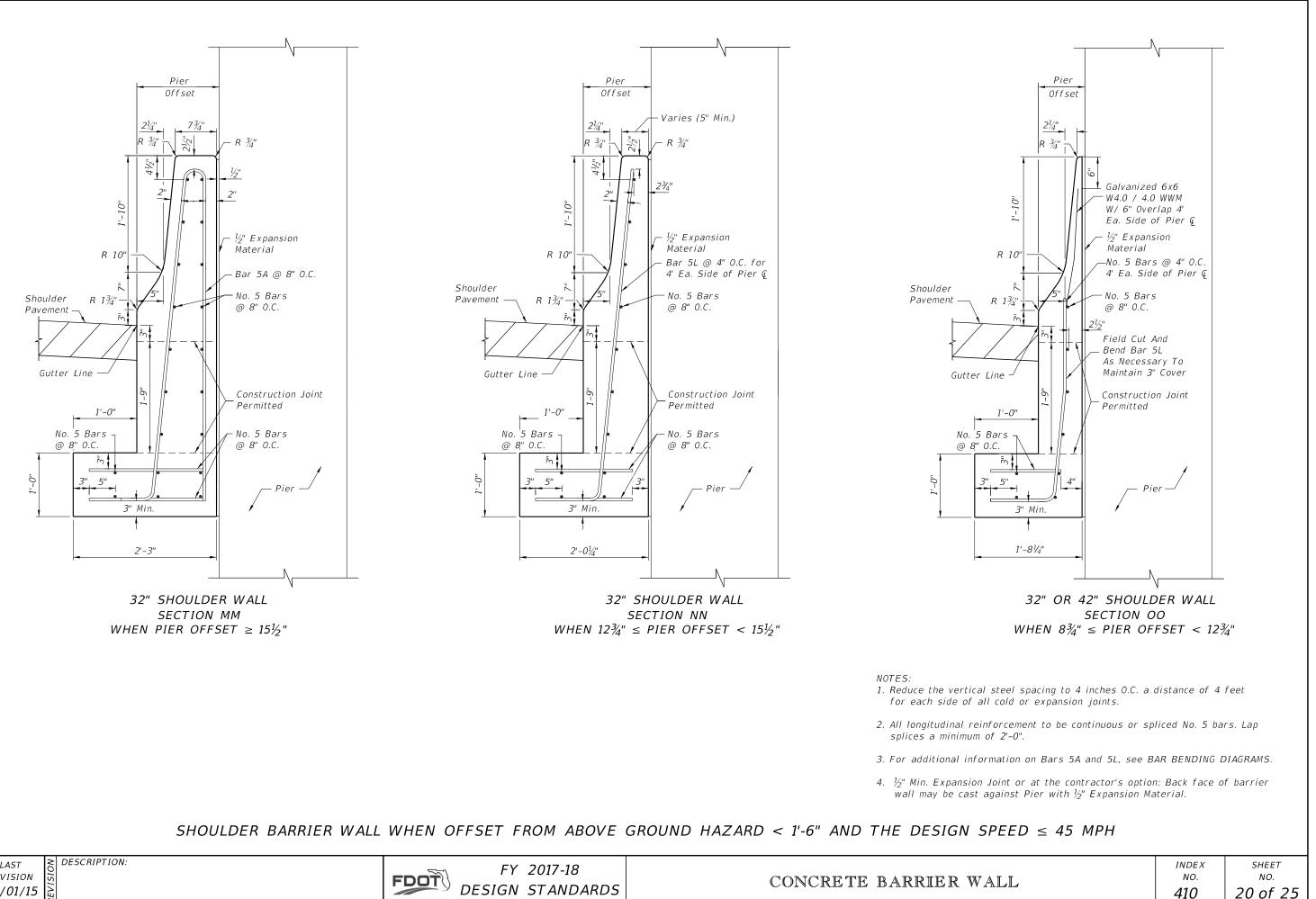
7. For additional information on PLAN FOR DESIGN SPEED  $\leq$  45 MPH, see SHOULDER BARRIER WHEN OFFSET FROM ABOVE GROUND HAZARD < 1'-6" AND THE DESIGN SPEED  $\leq$  45 MPH.

8. For additional information on PLAN FOR DESIGN SPEED  $\geq$  50 MPH, see SHOULDER BARRIER WALL WHEN OFFSET FROM ABOVE GROUND HAZARD < 1'-6'' AND THE DESIGN SPEED  $\geq$  50 MPH.

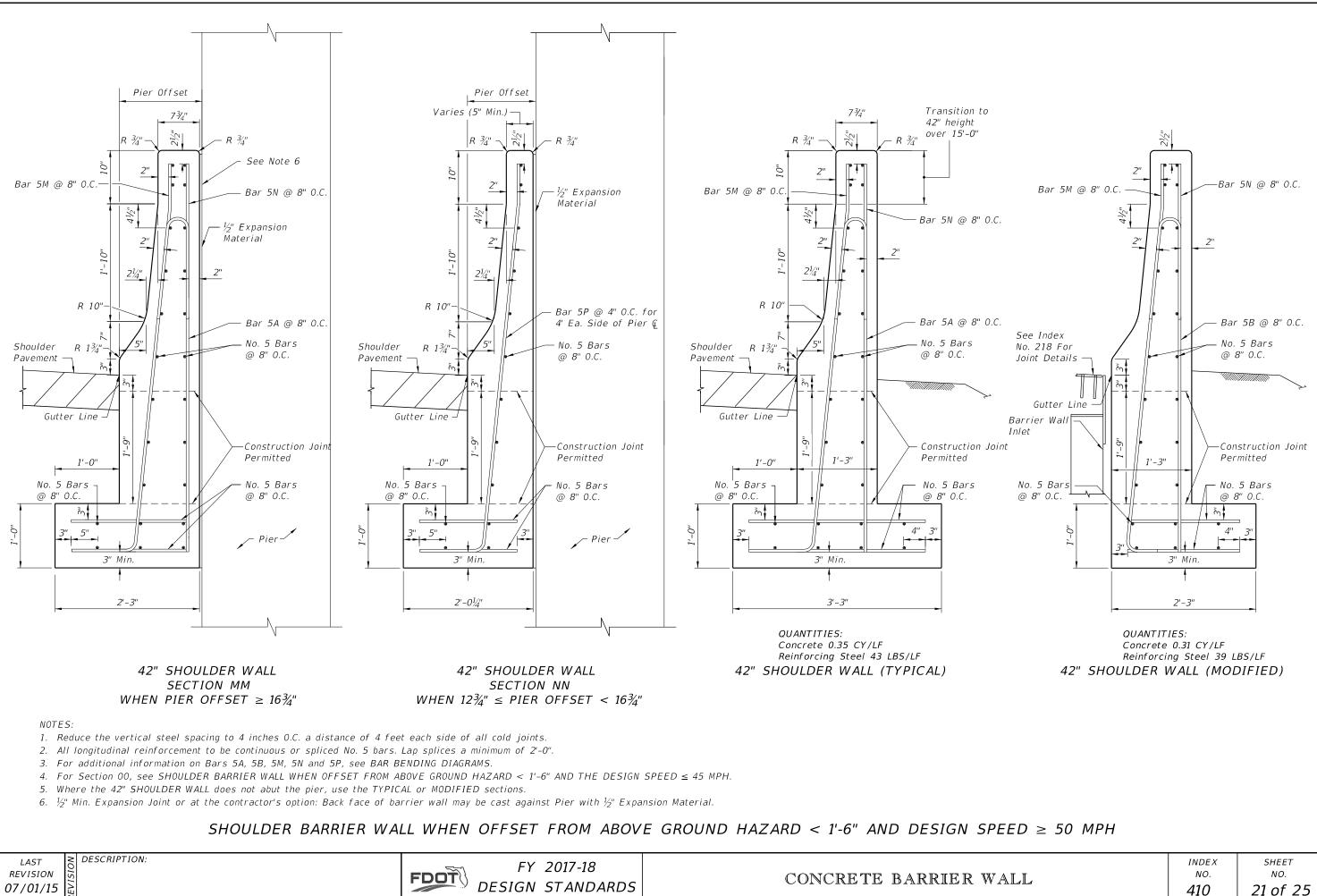
9. See APPROACH TRANSITION TO CURVED SHOULDER BARRIER WALL on Sheet 17 for Guardrail Panel and Post Spacing information.

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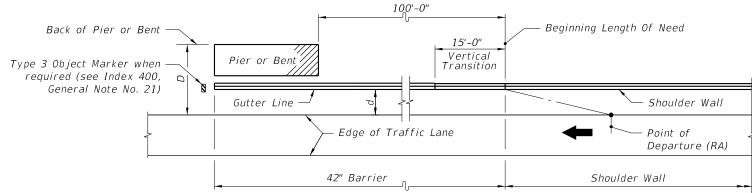




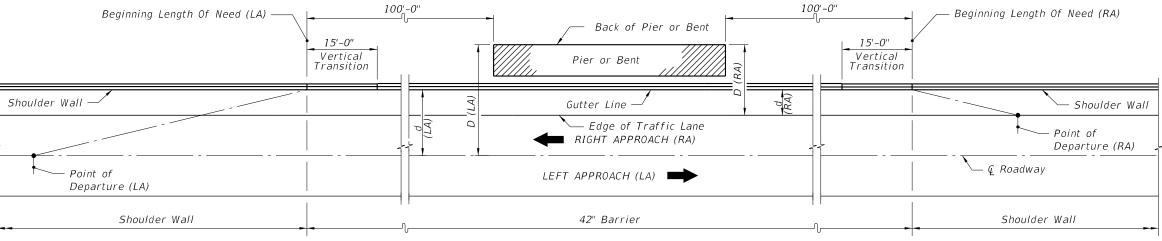
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TWO-LANE TWO-WAY TRAFFIC

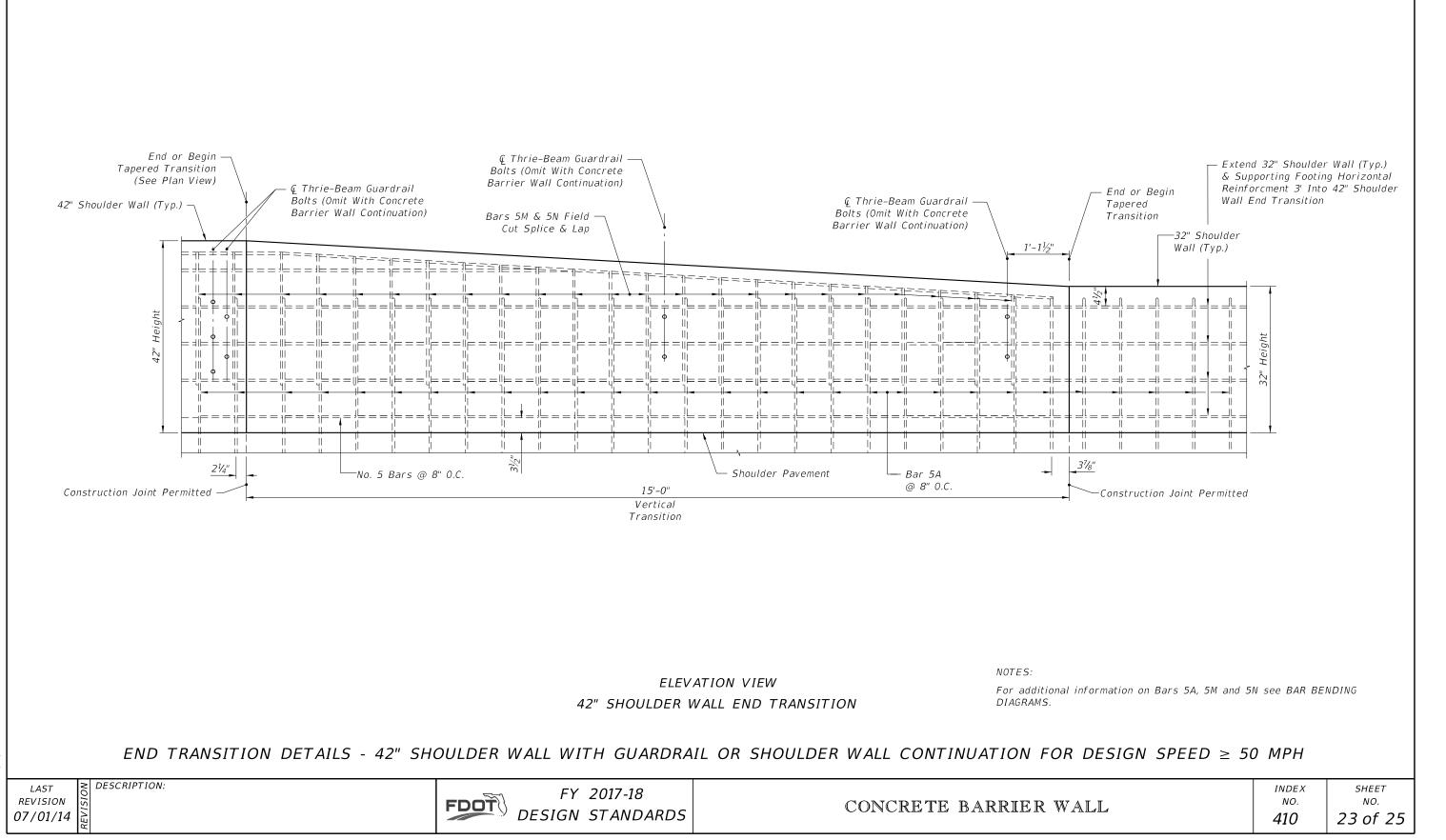
SHOULDER BARRIER WALL WHEN OFFSET FROM ABOVE GROUND HAZARD < 1'-6" AND DESIGN SPEED  $\geq$  50 MPH

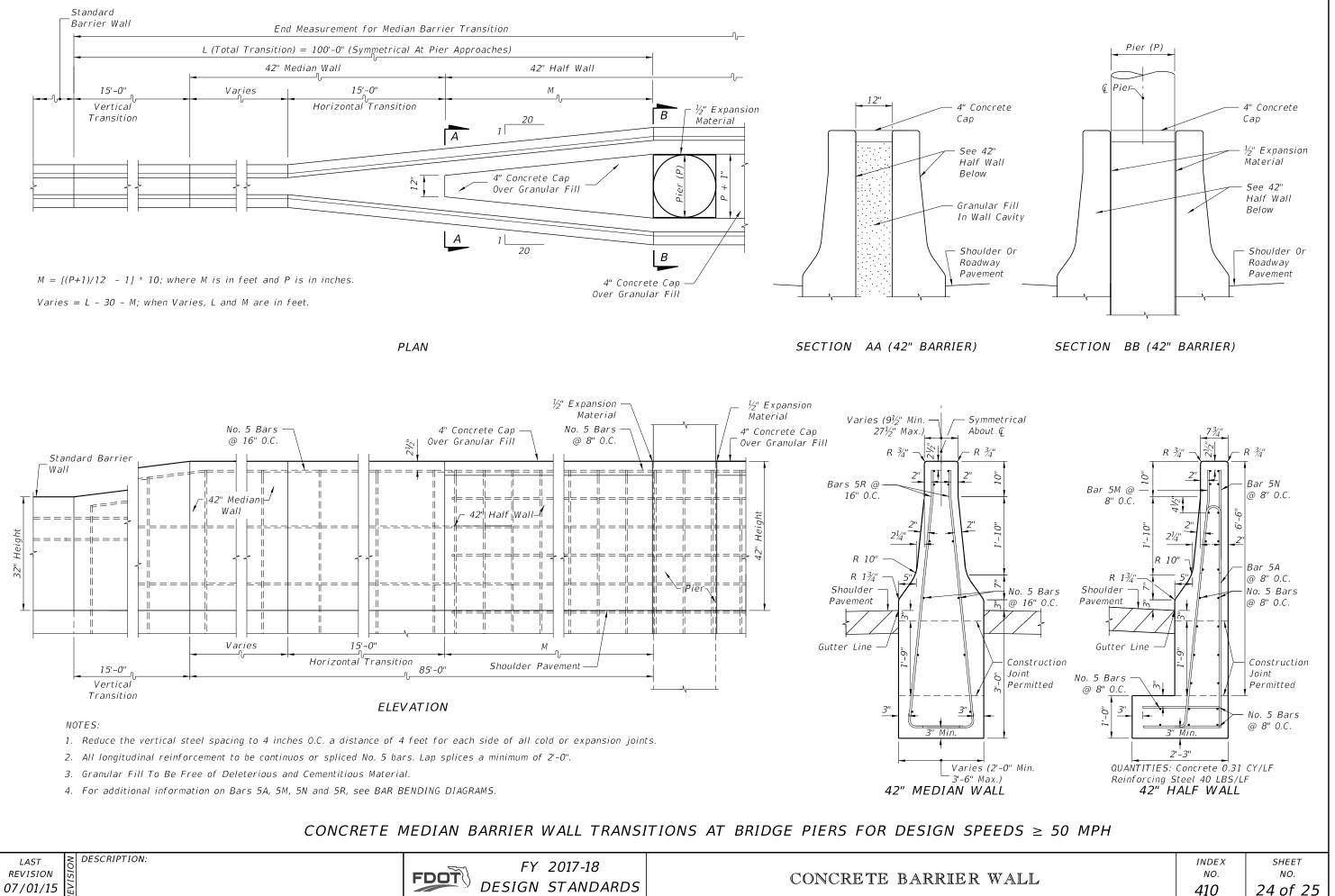
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CONCRETE BARRIER WAL

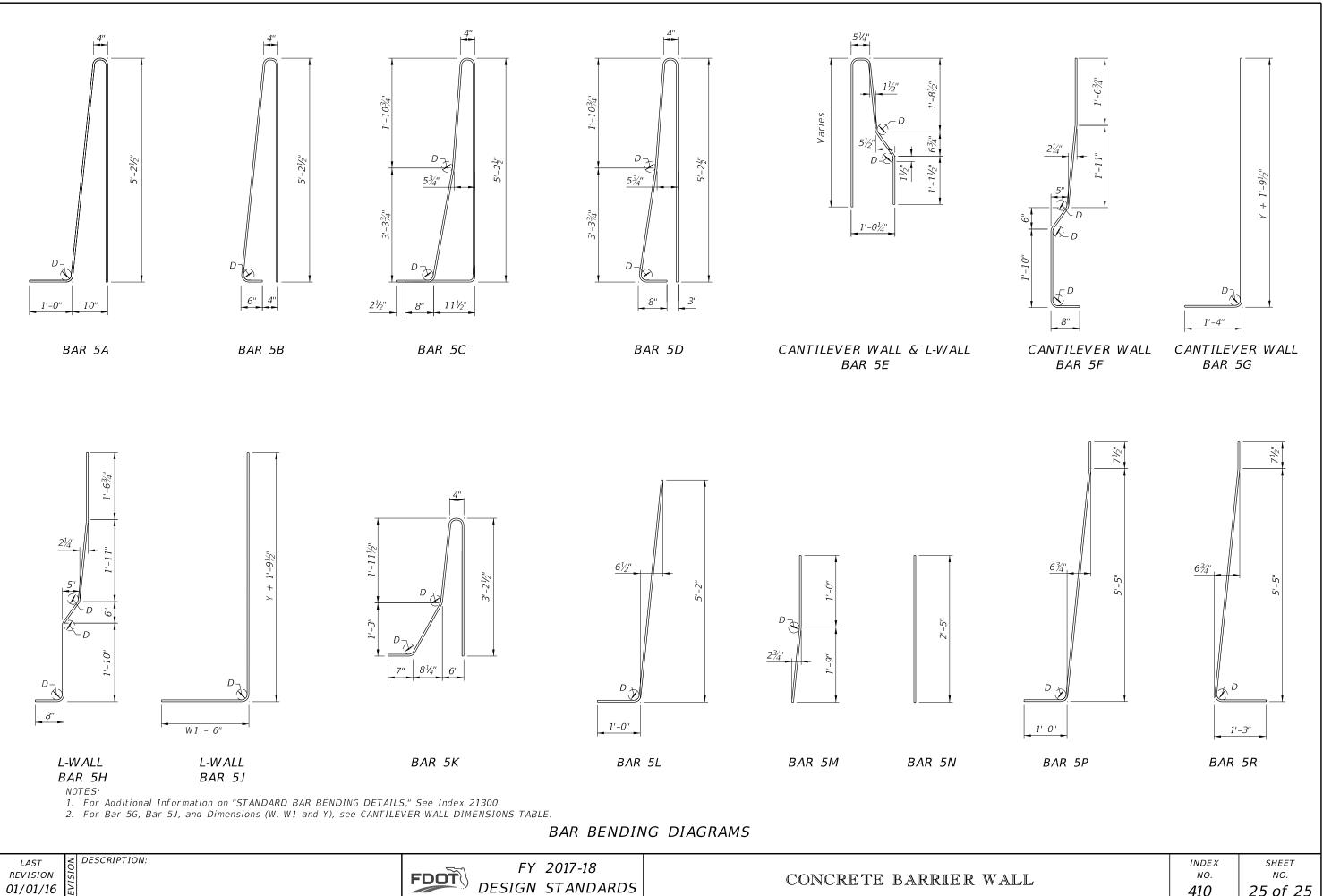
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