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6	Median Barrier - 56" Height Section for Barrier-Mounted Sign Support Shielding - Symmetrical		
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GENERAL NOTES:

- 1. CONCRETE: Use Class II concrete for all barriers constructed in slightly aggressive environments, and use Class IV Concrete for all barriers constructed in moderately or extremely aggressive environments. On all exposed surfaces, apply a Class 3 surface finish in accordance with Specification 400.
- 2. STEEL BAR REINFORCEMENT: Where required to maintain continuity, provide lap splices of at least 18 inches for No. 4 bars and 20 inches for No. 5 bars, unless otherwise shown herein (including shorter splices as provided by the default bar bending diagrams).

The default reinforcing details shown herein, including bar shapes and lap splice positions, are intended to show required steel locations and provide for a constructible design. However, with the approval of the Engineer, alternate steel configurations may be used in the same locations shown herein, given that the equivalent strength reinforcing is provided and the cover, maximum spacing, and continuity requirements are maintained.

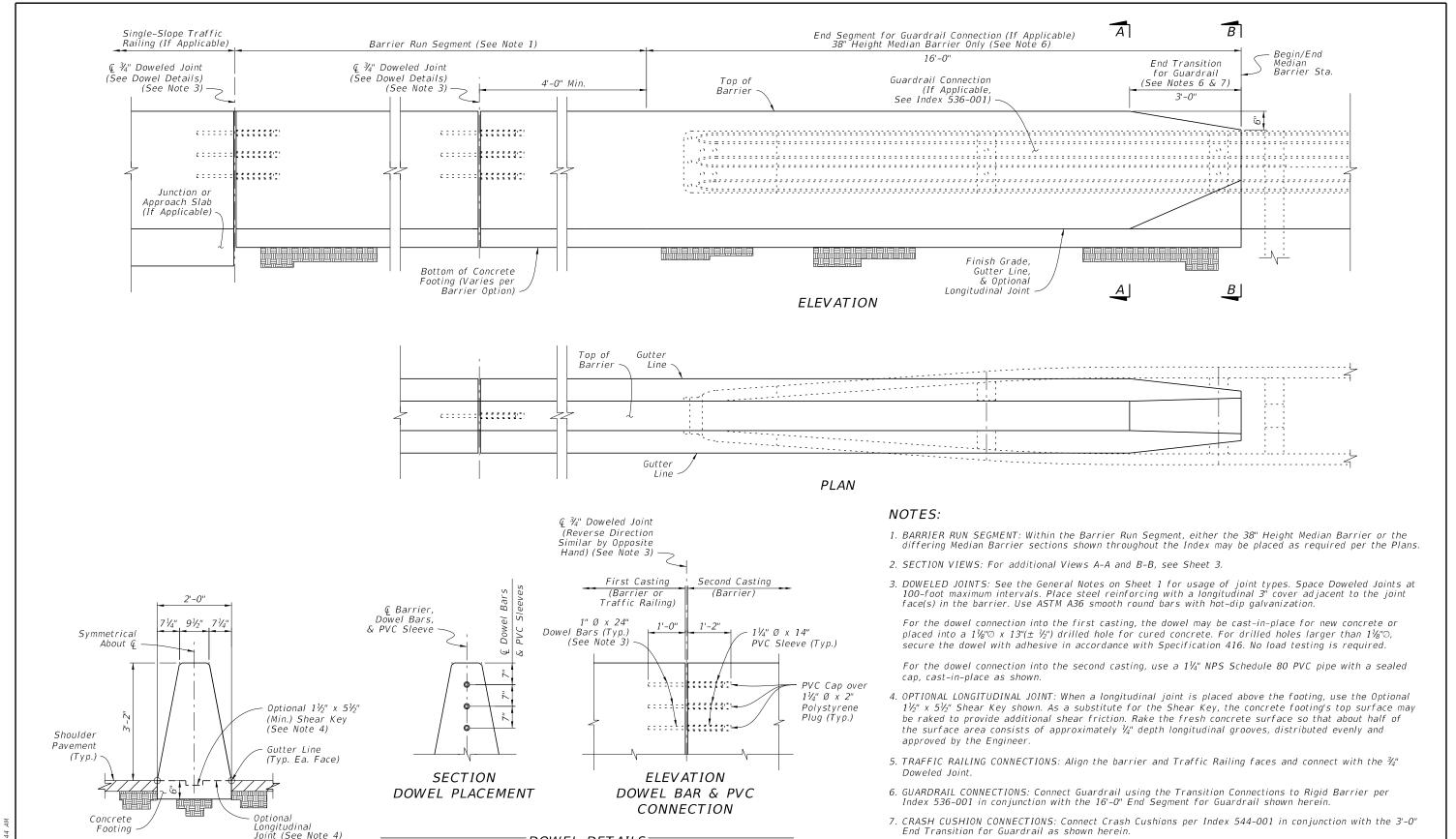
- 3. OPTIONAL WELDED WIRE REINFORCEMENT: With the approval of the Engineer, steel welded wire reinforcement in accordance with Specification 415 may be substituted for the steel bars shown herein. Place the welded wire in the same locations specified for the steel bars, and maintain the equivalent strength, cover, maximum spacing, and continuity requirements.
- 4. TOP FACE LONGITUDINAL REINFORCEMENT: Unless otherwise specified, the longitudinal reinforcement shown closest to the top face of the barrier has a maximum cover of $4\frac{1}{2}$ ", measured from the top face of the barrier.
- 5. MINIMUM BARRIER LENGTH: Unless otherwise shown in the Plans, the minimum Concrete Barrier length is 40 feet.
- 6. CONSTRUCTION JOINTS: Install Construction Joints only as needed for discontinuous concrete casting or cold joints. Maintain continuity of steel reinforcement across Construction Joints. Construction Joints are classified herein as Transverse Joints or Longitudinal Joints.

Transverse Joints are permitted at 20-foot or greater intervals along the barrier. For Tall Grade-Separated Sections, see Sheet 5 for additional Transverse Joint requirements.

Longitudinal Joints are only permitted where indicated in the following details and notes, with a vertical position tolerance of $\pm 1\frac{1}{2}$ " from the locations shown.

- 7. DOWELED JOINTS: As shown in the Dowel Details on Sheets 2 & 12, install ¾" Doweled Joints for Concrete Barrier connections to Pier Protection Barrier and Traffic Railings. Doweled Joints are also required for expansion mitigation in Median Barrier as defined per Sheets 2 & 5. Doweled Joints are not permitted within Grade-Separated Median Barrier.
- 8. CRACK CONTROL V-GROOVES: At 20-foot intervals, place $\frac{3}{8}$ depth V-grooves that run vertically and/or transversely in the front, top, and back faces of barriers. The V-grooves can be either molded or scored while the concrete is still plastic.
- 9. SUBGRADE: Compact the top layer of subgrade with Type B Stabilization, LBR 40 (12 in.).
- 10. FOOTING BOTTOM CONCRETE COVER: At the bottom of barrier footings shown throughout this Index, up to 2 inches of additional concrete cover is permitted beyond what is shown herein to accommodate soil grade irregularities.
- 11. FINISH GRADE ELEVATION: At the barrier face location, the finish grade pavement has a vertical position tolerance of ± ½" from the locations shown herein, relative to the barrier elevation. Maintain visually smooth and even pavement at the barrier face, per the approval of the Engineer.
- 12. DRAINAGE INLETS: Where called for in the Plans, install corresponding inlets per Indexes 425-030 thru 425-032.
- 13. LIGHT POLE MOUNTING: Where called for in the Plans, install aluminum light poles per Index 715-002.
- 14. OPAQUE VISUAL BARRIER: Where called for in the Plans, install Opaque Visual Barrier per Index 521-010.
- 15. BARRIER END MARKERS: For all free ends of concrete barriers that are not shielded with an end treatment or connection to another barrier or traffic railing type, install a Type 3 Object Marker on the end face per Specification 705.
- 16. BARRIER DELINEATORS: Install Barrier Delineators in accordance with Specification 705. For median barriers, mount the delineator on the top of the barrier, at the centerline of barrier, with reflective sheeting facing traffic on both approaches. For shoulder barriers and split sections, mount the delineators on the top of the barrier, with the roadway side of the delineator located 2" from the front face of the barrier and the reflective sheeting facing traffic of the nearest approach.

SHEET NO CONTENTS



SECTION A-A 38" HEIGHT MEDIAN BARRIER (See Sheet 3 for Steel Reinforcing Details)

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FDOT

FY 2018-19 STANDARD PLANS

DOWEL DETAILS=

MEDIAN BARRIER

8. FREE ENDS: When the barrier end does not terminate with a Traffic Railing Connection, Guardrail

Connection, Crash Cushion Connection, or Sloped End Treatment as called for in the Plans, terminate in

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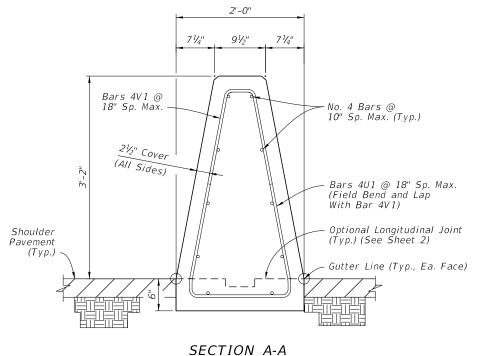
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accordance with the Free End Reinforcing detail on Sheet 3.

PLAN VIEW - 38" HEIGHT MEDIAN BARRIER FREE END REINFORCING (See Note 3)

No. 4 Bars (Only Top And Bottom Bars - Field Cut Bars 4V1 & 4U1 Shown For Clarity, \overline{A} Others Similar) 3" Cover B91/2" Bars 4V1 & 4U1 @ 18" Sp. Max. 4 Sp. @ 8" (±½") 3'-0" End Transition for Guardrail

PLAN VIEW - END SEGMENT FOR GUARDRAIL CONNECTION (See Note 3)





Steel Qty. = 11.8 LB/FT

VIEW B-B REDUCED SECTION OF END TRANSITION FOR GUARDRAIL (End of Barrier)

1'-6"

11¾"

No. 4 Bars Tapered

with Barrier Height

Cover Varies

(Diagonal

Segment)

Shoulder

(Typ.)

Pavement

Bars 4V1

(Field Cut to Fit Vertically as Reqd. & Field Bend to

No. 4 Bars @ 10" Sp. Max.

(Field Cut To Fit

Transversally As

Reqd. & Field

Bend To Lap

With 4V1)

21/2" Cover

Lap with Bars 4U1)

NOTES:

- 1. GENERAL: Work with the Plan and Elevation Views on Sheet 2.
- 2. BAR BENDING DIAGRAMS: For additional information on Bars 4V1 and 4U1, see the details on Sheet 22.
- 3. PLAN VIEWS: Only top and bottom longitudinal reinforcing is shown for clarity. For all longitudinal steel locations, see the section views.

MEDIAN BARRIER - REINFORCING DETAILS

2½" Cover

REVISION 11/01/17

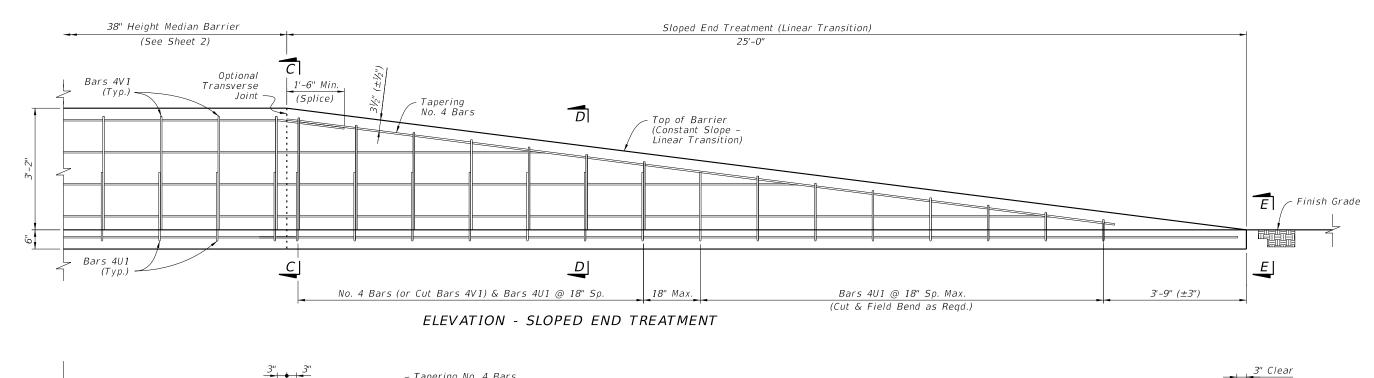
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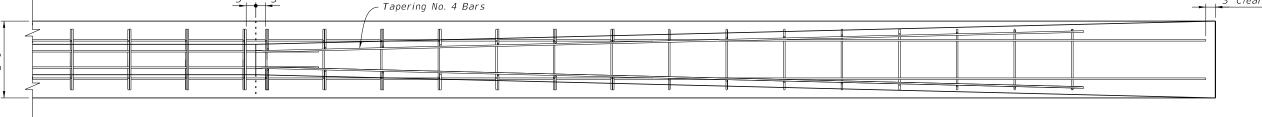
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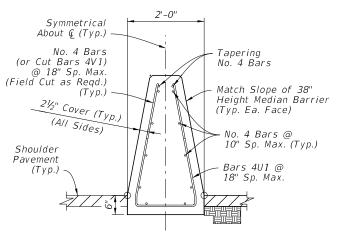
CONCRETE BARRIER

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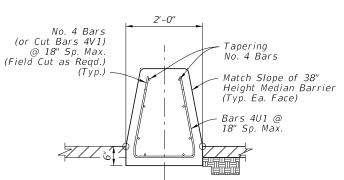




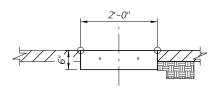
PLAN - SLOPED END TREATMENT (Only Top & Bottom Longitudinal Bars Shown for Clarity, See Section Views for All Longitudinal Steel Locations)



SECTION C-C **BEGIN TRANSITION** REINFORCING (Height Varies Linearly per Elevation View)



SECTION D-D INTERMEDIATE TRANSITION REINFORCING (Height Varies Linearly per Elevation View)



VIEW E-E **END TRANSITION**

NOTES:

- 1. GENERAL: Install Sloped End Treatment only where called for in the plans.
- 2. JOINTS: Construction or Doweled Joints are not permitted within the Sloped End Treatment segment.

MEDIAN BARRIER -SLOPED END TREATMENT

REVISION 11/01/17

DESCRIPTION:

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FY 2018-19 STANDARD PLANS

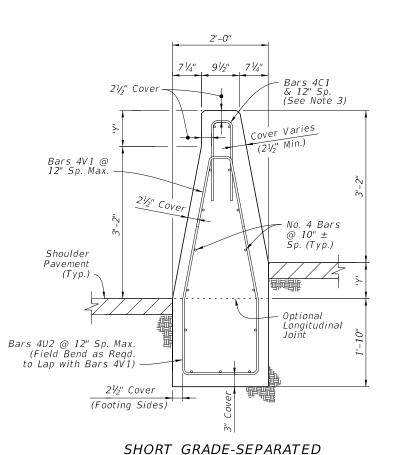
CONCRETE BARRIER

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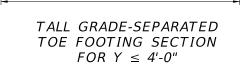


91/2" 71/4" No. 4 Bars @ 8" Sp. Max. (Typ.) 2" Cover (Barrier & Stem) Shoulder Pavement of Optional No. 5 Bars Longitudinal @ 8" Sp. (See Note 4) Shoulder Pavement Lower Limit of Optional Longitudinal Joint(s) No. 5 Bars 2" Cover 3" Cover @ 8" Sp. Max. Hook Hook (Length = 'W'-5")(Min.) (Min.) TALL GRADE-SEPARATED

HEEL FOOTING SECTION

 $FOR Y \leq 4'-0''$

2'-0"



Hook

(Min.)

No. 5 Bars

@ 8" Sp. Max.

(Length' = 'W'-5")

2'-0"

71/4" 91/2" 71/4"

2" Cover

(Barrier

& Stem)

No. 5 Bars

(See Note 4)

Shoulder

Pavement

3" Cover

@ 8" Sp.

No. 4 Bars @ 8"

Shoulder

Pavement

Sp. Max. (Typ.)

Upper Limit

of Optional

Joint(s)

Longitudinal

Lower Limit

of Optional

Joint(s)

2" Cover

Hook

(Min.)

Longitudinal

NOTES:

1. GENERAL: Install the Grade-Separated sections where shown in the Plans and as required to accommodate vertical offsets in pavement of Height Y. Doweled Joints are not permitted within Grade-Separated sections.

SECTION FOR $Y \leq 9$ "

- 2. CONNECTIONS BETWEEN DIFFERENT SECTIONS: Connect Short Grade-Separated sections and Tall Grade-Separated sections using a continuous pour or Transverse Joint, where longitudinal steel that aligns within the adjacent section is maintained continuously between sections or has a full lap splice with the adjacent section's longitudinal steel. Connect Short Grade-Separated sections and 38" Height Median Barrier sections of Sheet 2 using a ¾" Doweled Joint.
- 3. SHORT GRADE-SEPARATED SECTIONS: Bars 4C1 and the two uppermost longitudinal bars may be omitted for segments where $\rm Y < 2^n$.
- 4. TALL GRADE-SEPARATED SECTIONS: For the vertical and transverse steel reinforcement shown in the Tall Grade-Separated Sections, bar bending diagrams are not provided due to varying section dimensions and Longitudinal Joint locations. Use any combination of spliced reinforcing steel to position the reinforcement with the same cover, spacing, continuity, and equivalent strength shown herein, as approved by the Engineer.

Longitudinal Joints are permitted between the vertical limits shown, and must remain level and at a consistent height per each continuous casting of concrete. Longitudinal Joints may change elevations at Transverse Joint locations. Field bending of bars is permitted at Longitudinal Joint locations.

Transverse Joints between Tall Grade-Separated Sections do not require continuous steel across the joint if the following conditions are met:

- i. The barrier length on both sides is at least 40 feet, where each segment has continuous steel reinforcement.
- ii. The barrier's vertical steel spacing is reduced to 4" O.C. for a total of 12 spaces on both sides of the joint.

Grade separation Heights of $Y \leq 9$ " are permitted on a limited basis using the Tall Grade–Separated section; this is to accommodate cases where maintaining the spread footing through lower height segments is more practical than changing to the Short Grade–Separated section.

TALL GRADE-SEPARATED SECTIONS DIMENSION TABLE Max. Height, Y 1'-0" 1'-6" 2'-0" 2'-6" 3'-0" 3'-6" 4'-0" Footing Width, W 3'-3" 3'-6" 3'-9" 4'-0" 4'-3" 4'-6" 4'-6"

MEDIAN BARRIER - GRADE-SEPARATED

LAST REVISION 15/11/01/17

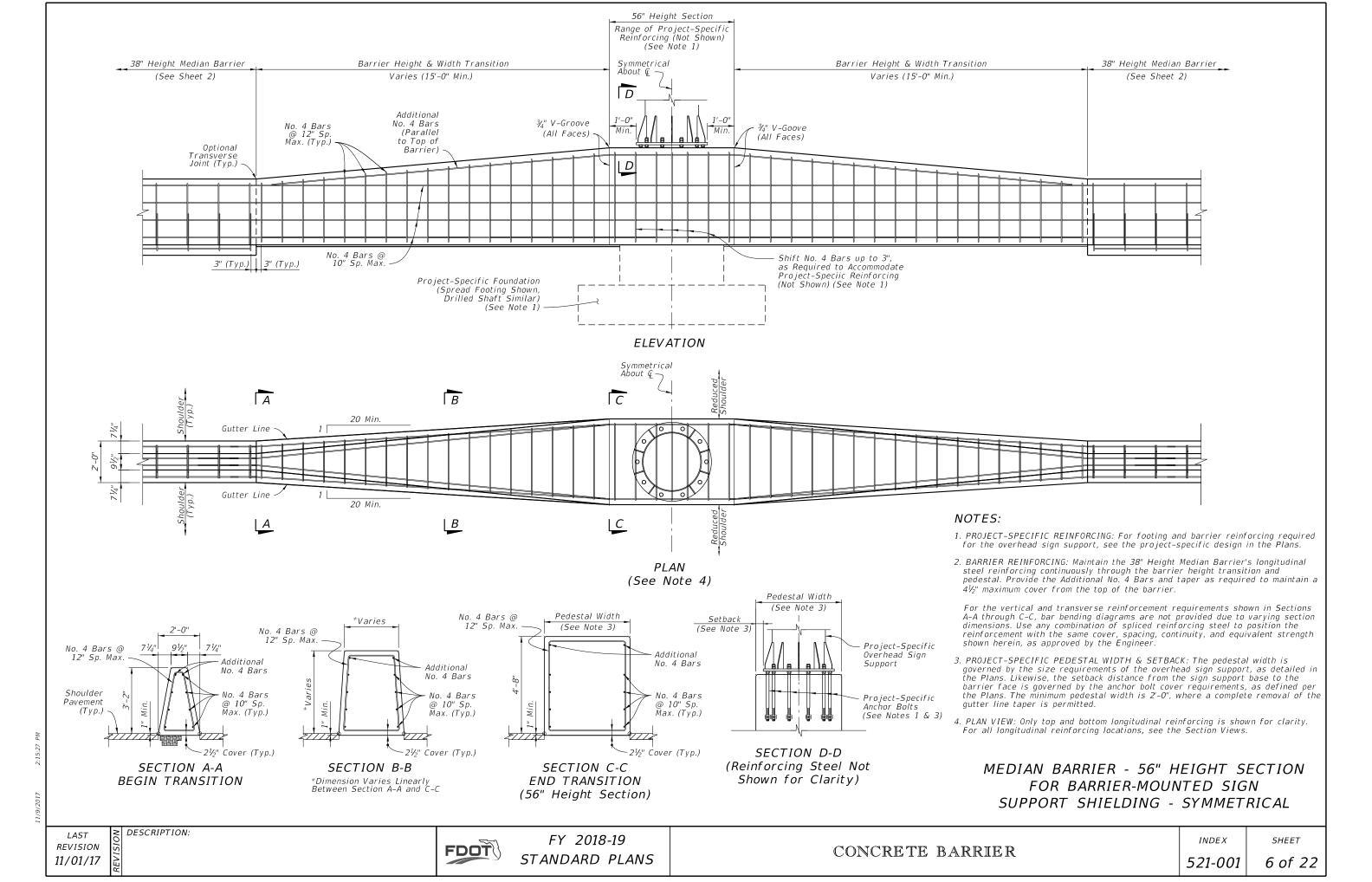
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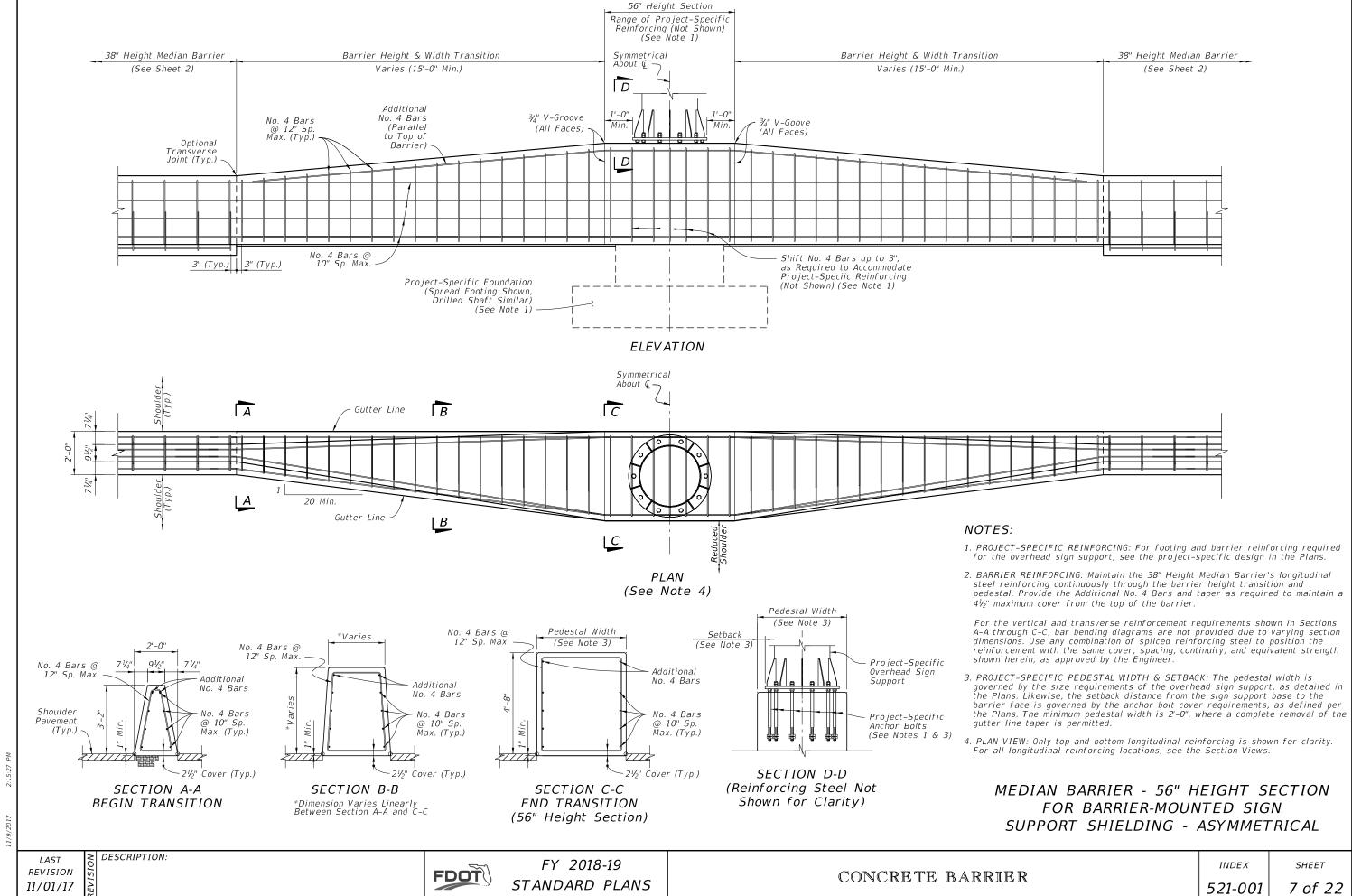
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CONCRETE BARRIER

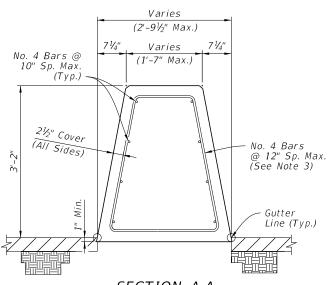
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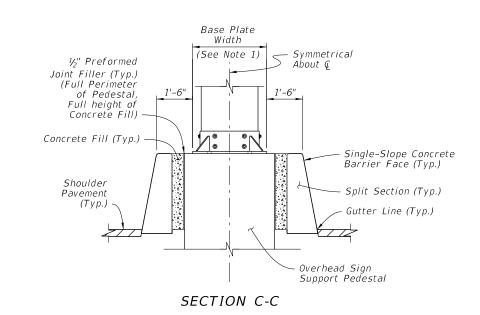
PLAN(See Note 4)





1'-3" 71/4" 73/4" No. 4 Bars @ 10" Sp. Max. (Roadway Side) (Typ.)No. 4 Bars @ 15" Sp. Max. (Back Side) 21/2" Cover (Typ.)(All Sides) No. 4 Bars @ 12" Sp. Max. (See Note 3)

SECTION B-B 38" HEIGHT SPLIT SECTION (OPPOSITE SIDE SIMILAR BY OPPOSITE HAND)



NOTES:

- 1. OVERHEAD SIGN SUPPORT: The overhead sign support shown is an example only; see the Plans for the actual shape dimensions and requirements. The overall length and width of the split barrier system is governed by the project-specific overhead sign support dimensions, as defined in the Plans.
- 2. MULTIPLE SIGN SUPPORTS: The parallel segment may be lengthened to accommodate multiple sign supports, with the approach and trailing tapers located 1 foot, measured longitudinally, upstream and downstream from the first and last sign support bases, respectively.
- 3. STIRRUP BARS: For the vertical and transverse reinforcement requirements shown in Sections A-A and B-B, bar bending diagrams are not provided due to varying section dimensions. Use any combination of spliced reinforcing steel to position the reinforcement with the same cover, spacing, continuity, and equivalent strength shown herein, as approved by the Engineer.
- 4. PLAN VIEW: Only outermost longitudinal reinforcing is shown for clarity. For all longitudinal reinforcing locations, see the Section Views.

MEDIAN BARRIER - 38" HEIGHT SPLIT SECTION FOR STAND-ALONE SIGN SUPPORT SHIELDING

REVISION 11/01/17

DESCRIPTION:

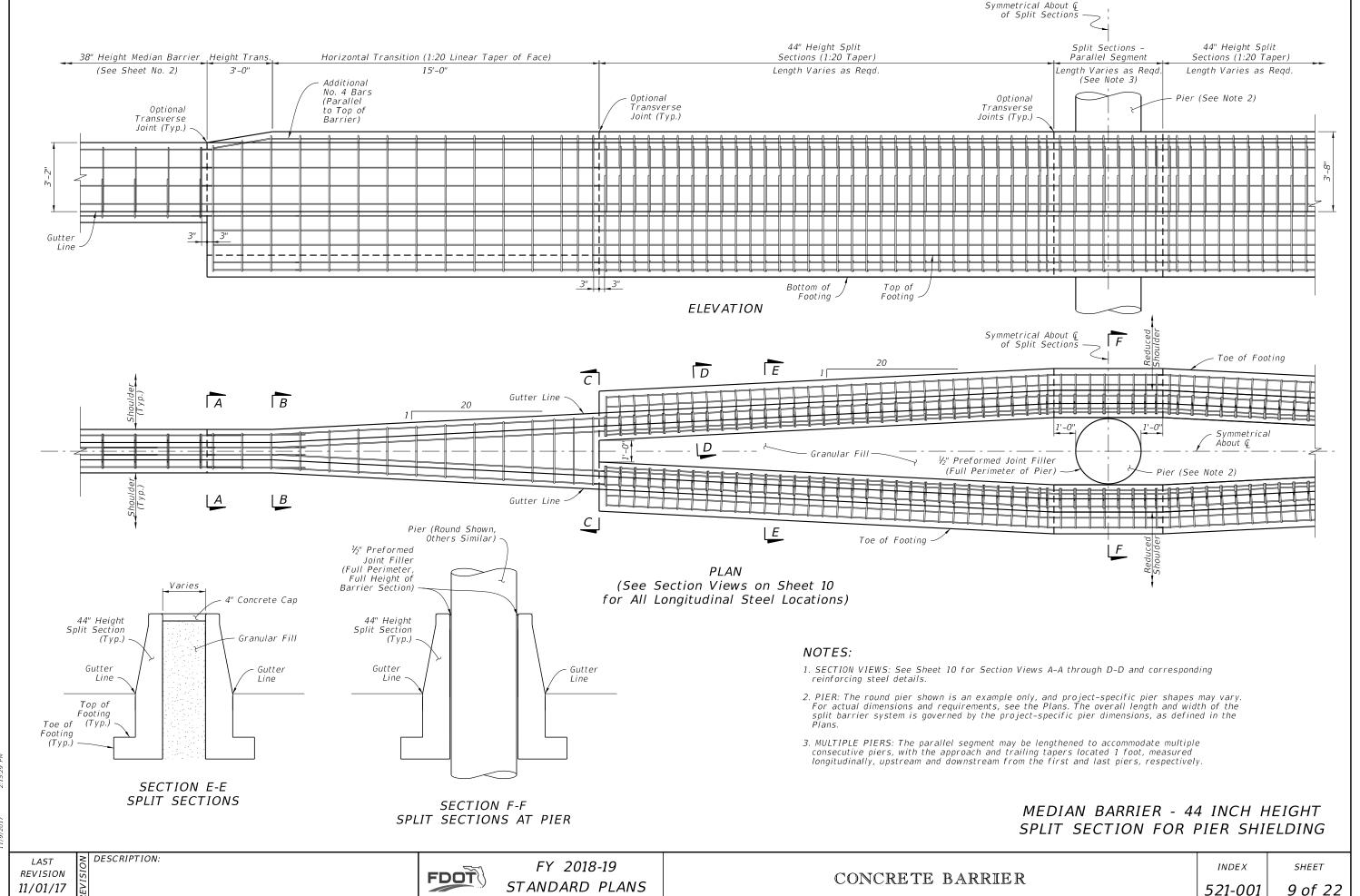
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CONCRETE BARRIER

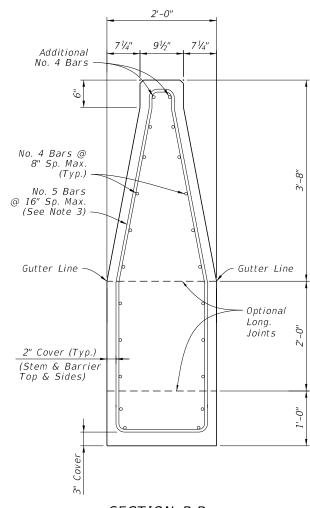
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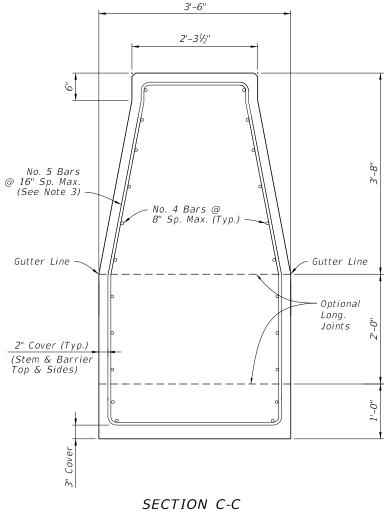


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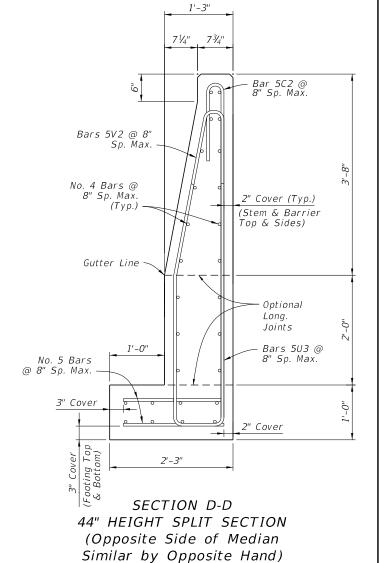
SECTION A-A BEGIN HEIGHT TRANSITION (show spliced bars)



SECTION B-B END HEIGHT TRANSITION BEGIN WIDTH TRANSITION



SECTION C-C END WIDTH TRANSITION BEGIN SPLIT SECTIONS



Concrete Qty. = 0.30 CY/FT Stee/ Qty. = 52.6 LB/FT

NOTES:

DESCRIPTION:

- 1. GENERAL: Work with the Plan and Elevation views on Sheet 9.
- 2. LONGITUDINAL REINFORCING CONTINUITY: Maintain all longitudinal steel reinforcing shown in Section C-C continuously into Section D-D (spliced where required). The additional longitudinal reinforcing shown in Section D-D does not require continuity into Section C-C, and it starts 3" from the construction joint or edge of concrete per the details on Sheet 9.
- 3. STIRRUP BARS: For the vertical and transverse reinforcement requirement shown, bar bending diagrams are not provided due to varying section dimensions. Use any combination of spliced reinforcing steel to position the reinforcement with the same cover, spacing, continuity, and equivalent strength shown herein, as approved by the Engineer.

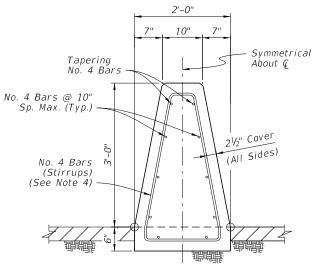
MEDIAN BARRIER - 44 INCH HEIGHT SPLIT SECTION PIER SHIELDING - DETAILS

LAST REVISION 11/01/17

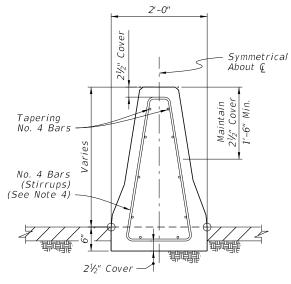
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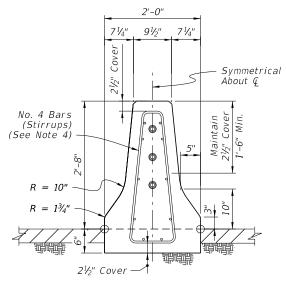
SECTION A-A BEGIN TRANSITION - OPTION 'A' MATCH SINGLE-SLOPE 38" HEIGHT MEDIAN BARRIER



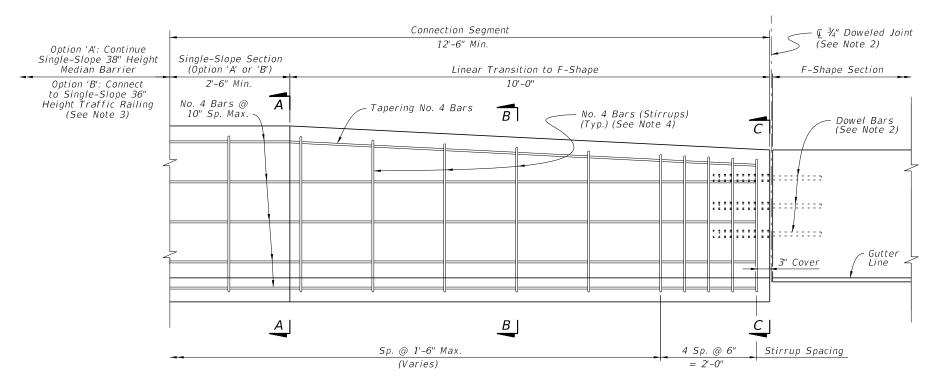
SECTION A-A BEGIN TRANSITION - OPTION 'B' MATCH SINGLE-SLOPE 36" HEIGHT TRAFFIC RAILING (Bridge Applications)



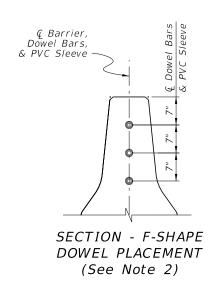
SECTION B-B INTERMEDIATE SECTION OF LINEAR TRANSITION



SECTION C-C **END TRANSITION** MATCH 32" HEIGHT F-SHAPE SECTION



ELEVATION (Reverse Direction Similar by Opposite Hand)



NOTES:

- 1. GENERAL: Construct the Connection Segment as required per the Plans to connect existing F-Shape sections to Single-Slope Median Barrier or Traffic Railing sections. Construct Option 'A' or 'B' as required to match the heights of the connecting sections.
- 2. DOWELED JOINT: Install Dowel Bars per the Dowel Details on Sheet 2.
- 3. TRAFFIC RAILING CONNECTION: For the Option 'B' connection, use a Doweled Joint per Sheet 2 and the additional Free End Reinforcing with reduced bar spacing per Sheet 3.
- 4. STIRRUP BARS: For the vertical and transverse reinforcement requirements shown, bar bending diagrams are not provided due to varying section dimensions. Use any combination of spliced reinforcing steel to position the reinforcement with the same cover, spacing, continuity, and equivalent strength shown herein, as approved by the Engineer.

MEDIAN BARRIER - CONNECTION TO F-SHAPE

REVISION 11/01/17

FDOT

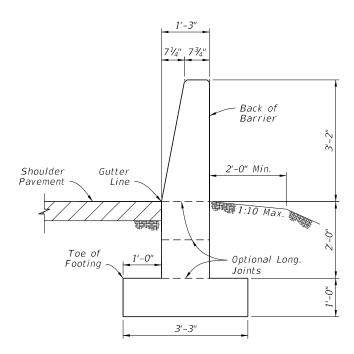
FY 2018-19 STANDARD PLANS

CONCRETE BARRIER

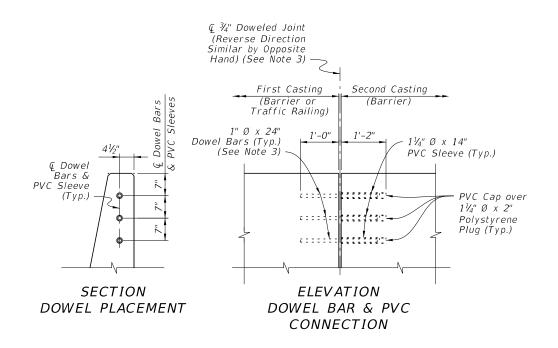
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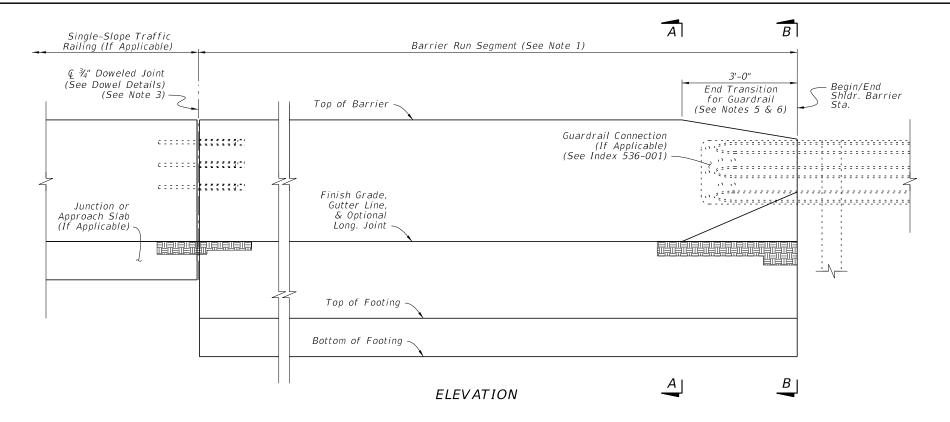
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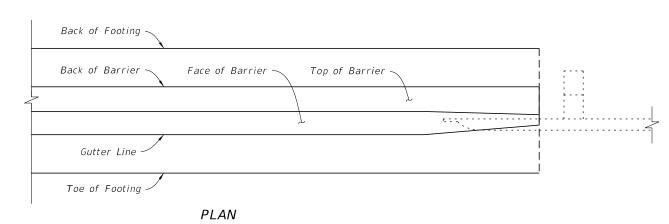


SECTION A-A 38" HEIGHT SHOULDER BARRIER (See Sheet 13 for Reinforcing Steel Details)



DOWEL DETAILS





NOTES:

- 1. BARRIER RUN SEGMENT: Either the 38" Height Shoulder Barrier or the differing Shoulder Barrier sections shown throughout the Index may be placed within this segment as required per the Plans.
- 2. SECTION VIEWS: For additional Views A-A and B-B, see Sheet 13.
- 3. DOWELED JOINTS: See the General Notes on Sheet 1 for usage of joint types. Place steel reinforcing with a longitudinal 3" cover adjacent to the joint face in the barrier. Use ASTM A36 smooth round bars with hot-dip galvanization.

For the dowel connection into the first casting, the dowel may be cast-in-place for new concrete or placed into a $1\frac{1}{6}$ " \times x 13" ($\pm \frac{1}{2}$ ") drilled hole for cured concrete. For drilled holes larger than 11/8"O, secure the dowel with adhesive in accordance with Specification Section 416. No load testing is required.

For the dowel connection into the second casting, use a 1½" NPS Schedule 80 PVC pipe with a sealed cap, cast-in-place as shown.

- 4. TRAFFIC RAILING CONNECTIONS: Align the barrier and Traffic Railing faces and connect with the ¾" Doweled Joint.
- 5. GUARDRAIL CONNECTIONS: Connect Guardrail using the Transition Connections to Rigid Barrier per Index 536-001 in conjunction with the 16'-0" End Segment for Guardrail shown herein.
- 6. CRASH CUSHION CONNECTIONS: Connect Crash Cushions per Index 544-001 in conjunction with the 3'-0" End Transition for Guardrail as shown herein.
- 7. FREE ENDS: When the barrier end does not terminate with a Traffic Railing Connection, Guardrail Connection, or Crash Cushion Connection as called for in the Plans, terminate in accordance with the Free End Reinforcing Note on Sheet 13.

SHOULDER BARRIER

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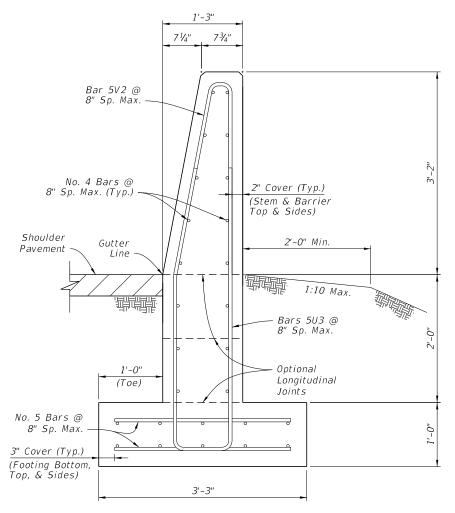
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CONCRETE BARRIER

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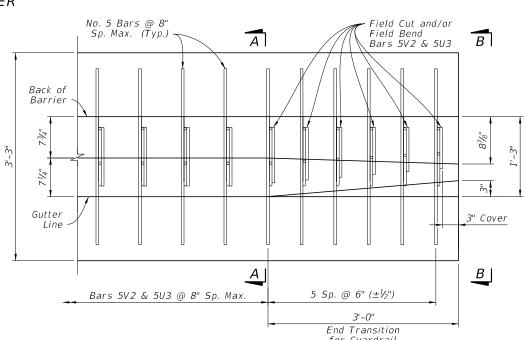


SECTION A-A 38" HEIGHT SHOULDER BARRIER

Concrete Qty. = 0.32 CY/FT Steel Qty. = 50.9 LB/FT

NOTES:

- 1. GENERAL: Work with the Plan and Elevation Views on Sheet 12. The Section Option footings shown on Sheet 14 may be substituted where called for in the Plans.
- 2. FREE END REINFORCING: Where shown in the Plans, terminate the 38" Height Barrier section with a transverse vertical end face. Reduce the spacing of Bars 5V2 and 5U3 to 6" for 5 Spaces, placed with 3" cover from the barrier's end face.
- 3. BAR BENDING DIAGRAMS: For additional details for bars 5V2 and 5U3, see the Bar Bending Diagrams on Sheet 22.



VIEW B-B REDUCED SECTION OF **END TRANSITION** FOR GUARDRAIL (End of Barrier)

3'-3"

6½"

Bars 5V2 @ 6" Sp. (Field Bend Top & Cut Bottom to Lap

Shoulder

Pavement

No. 5 Bars @ 6" Sp.

3" Cover (Typ.)

(Footing Bottom,

Top, & Sides)

with Bars 5U3)

Cover Varies | |

21/2" Cover

2" Cover (Min.)

1'-0"

(Toe)

87/8"

No. 4 Bars Tapered Down with Barrier Height

No. 4 Bars

2'-0" Min.

Optional Property

Joints.

Longitudinal

@ 8" Sp. Max. (Typ.)

1:10 Max.

Bars 5U3 @ 6" Sp. (Field Bend Bottom

to Align with Bars 5V2)

2" Cover

PLAN VIEW - END SEGMENT FOR GUARDRAIL CONNECTION (Longitudinal Steel Not Shown for Clarity)

SHOULDER BARRIER - REINFORCING DETAILS

LAST **REVISION** 11/01/17

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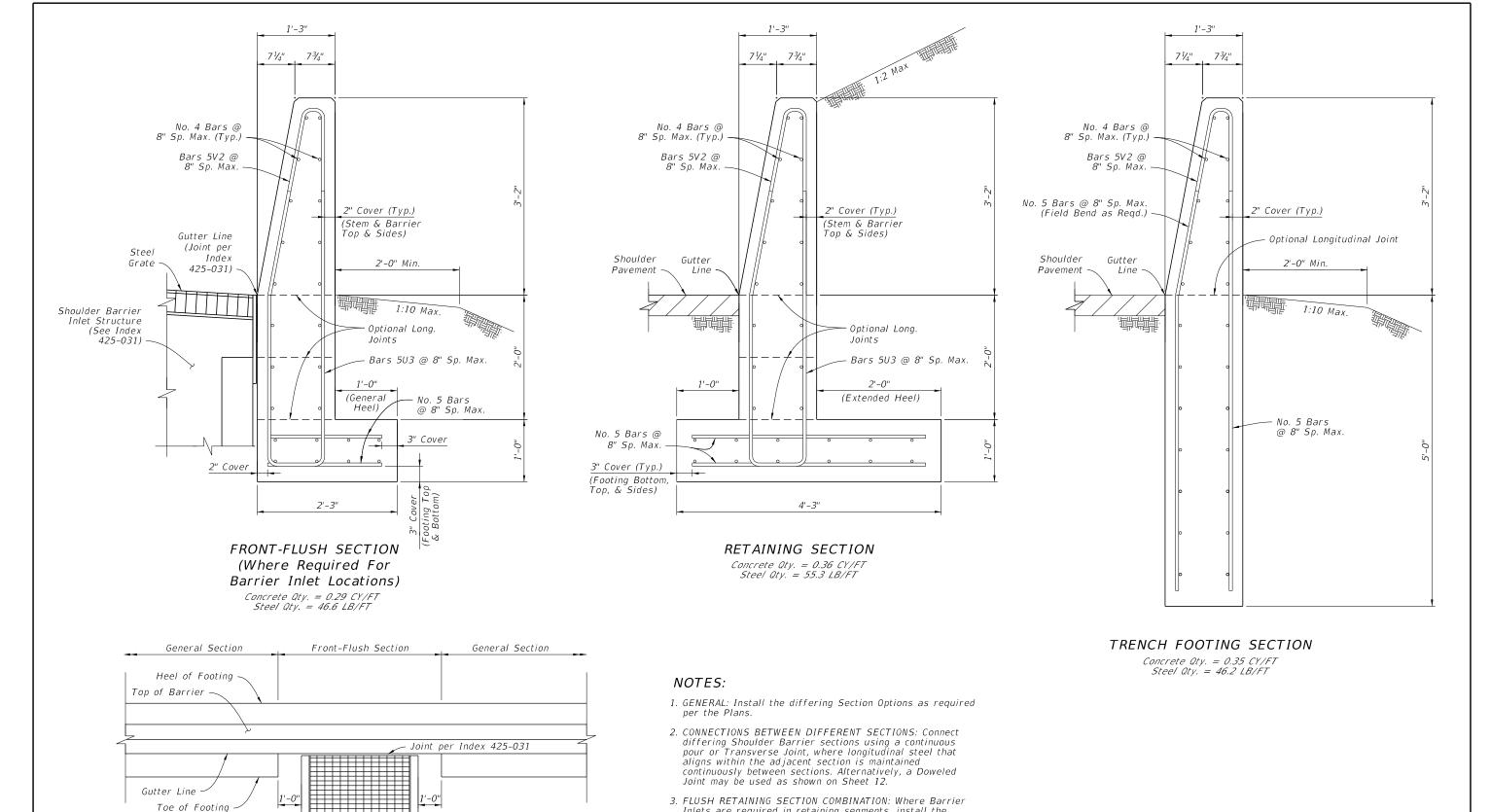
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CONCRETE BARRIER

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FRONT-FLUSH SECTION - PLAN VIEW (Not Applicable for Trench Footing Sections)

Flush Section, except replace the 1'-0" General Heel with the 2'-0" Extended Heel as shown in the Retaining Section.

Inlets are required in retaining segments, install the Use longer lateral reinforcing bars of 2'-10" length to maintain the cover shown.

SHOULDER BARRIER - SECTION OPTIONS

LAST **REVISION** 11/01/17

DESCRIPTION:

FDOT

Shoulder Barrier

per Index 425-031

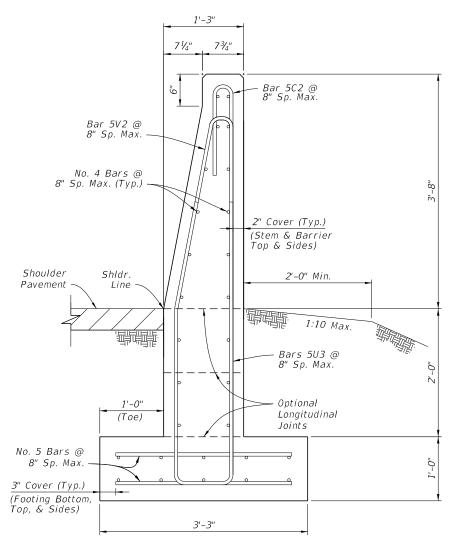
Inlet Structure

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CONCRETE BARRIER

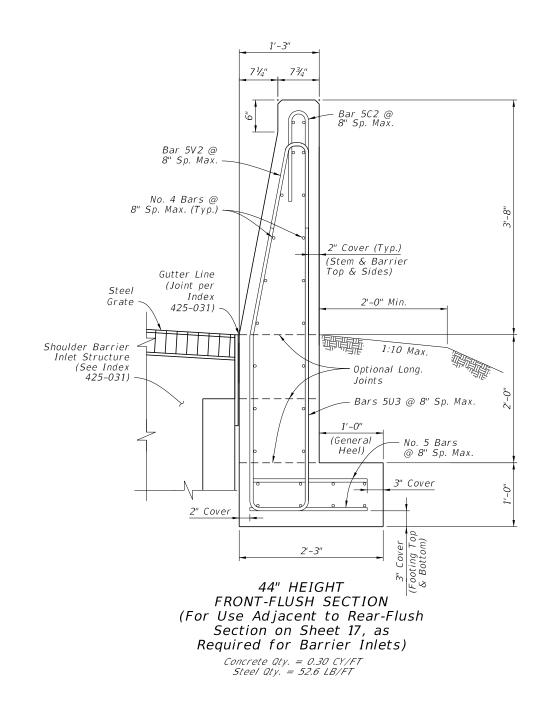


44" HEIGHT SECTION (For Use Adjacent to Rear-Flush Section on Sheet 17)

Concrete Qty. = 0.34 CY/FT Steel Qty. = 56.8 LB/FT

NOTE:

1. GENERAL: See the applicable Notes on Sheet 14.



SHOULDER BARRIER - SECTION OPTIONS (CONTINUED)

LAST **REVISION** 11/01/17

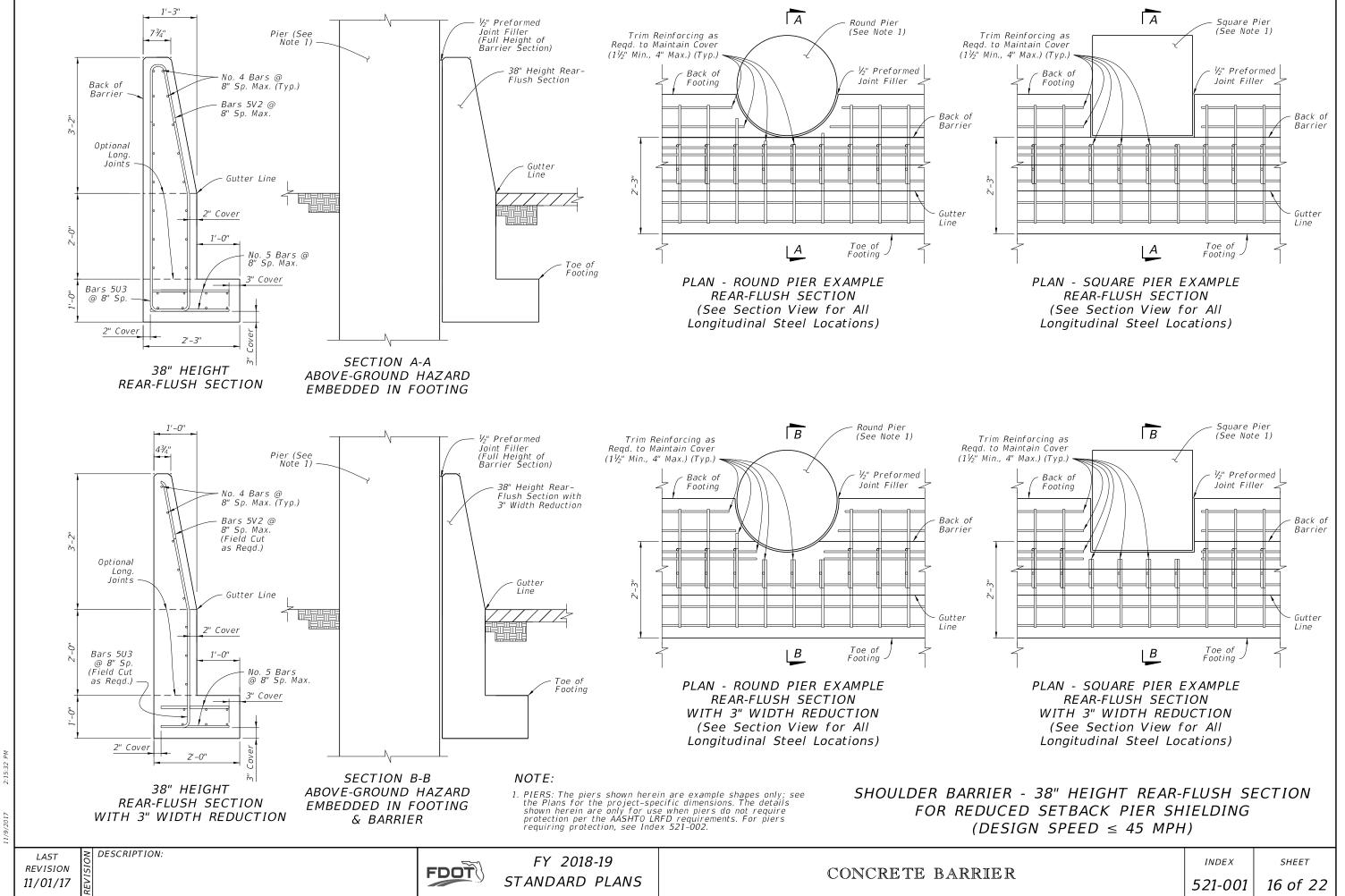
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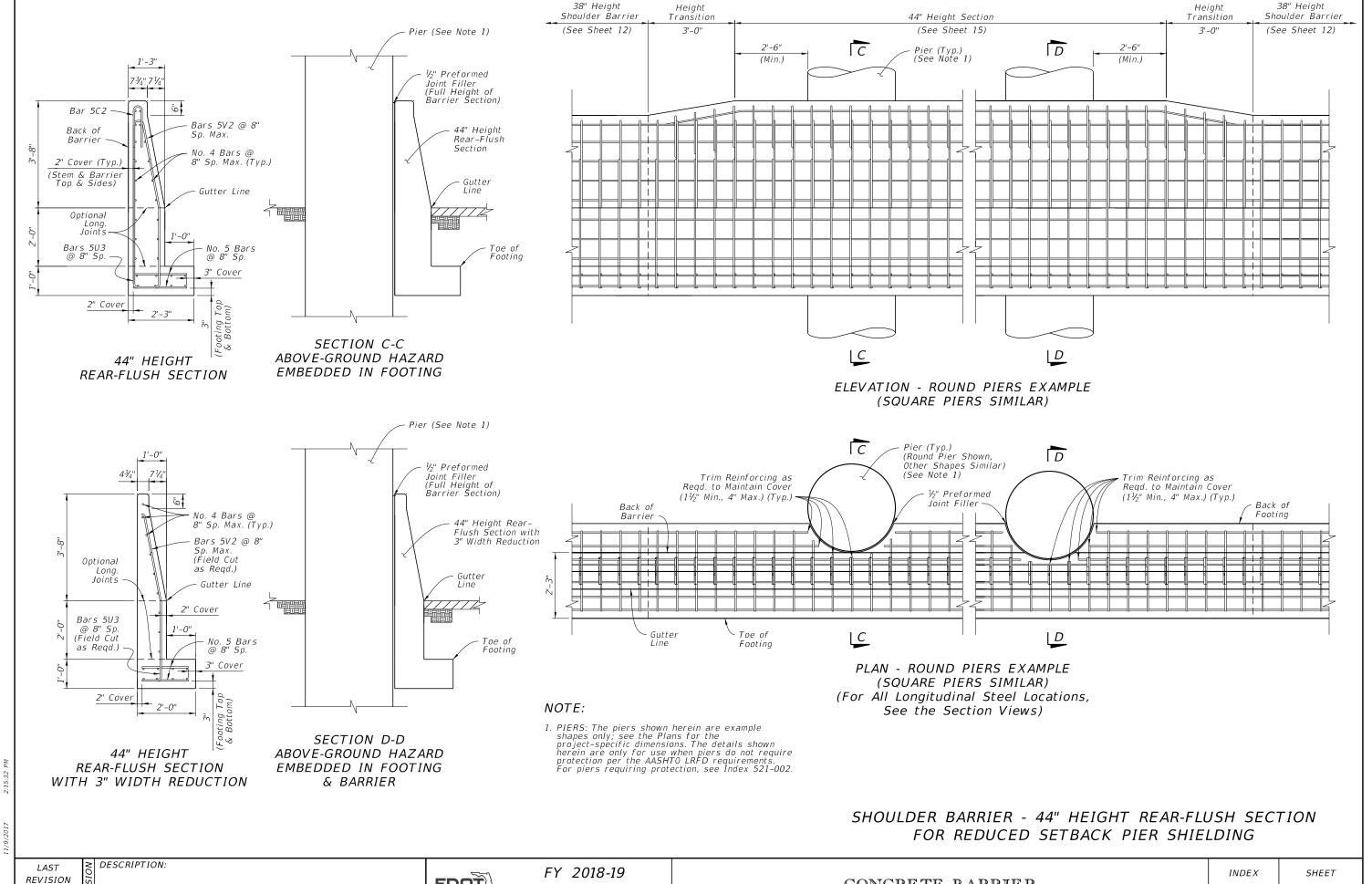
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CONCRETE BARRIER

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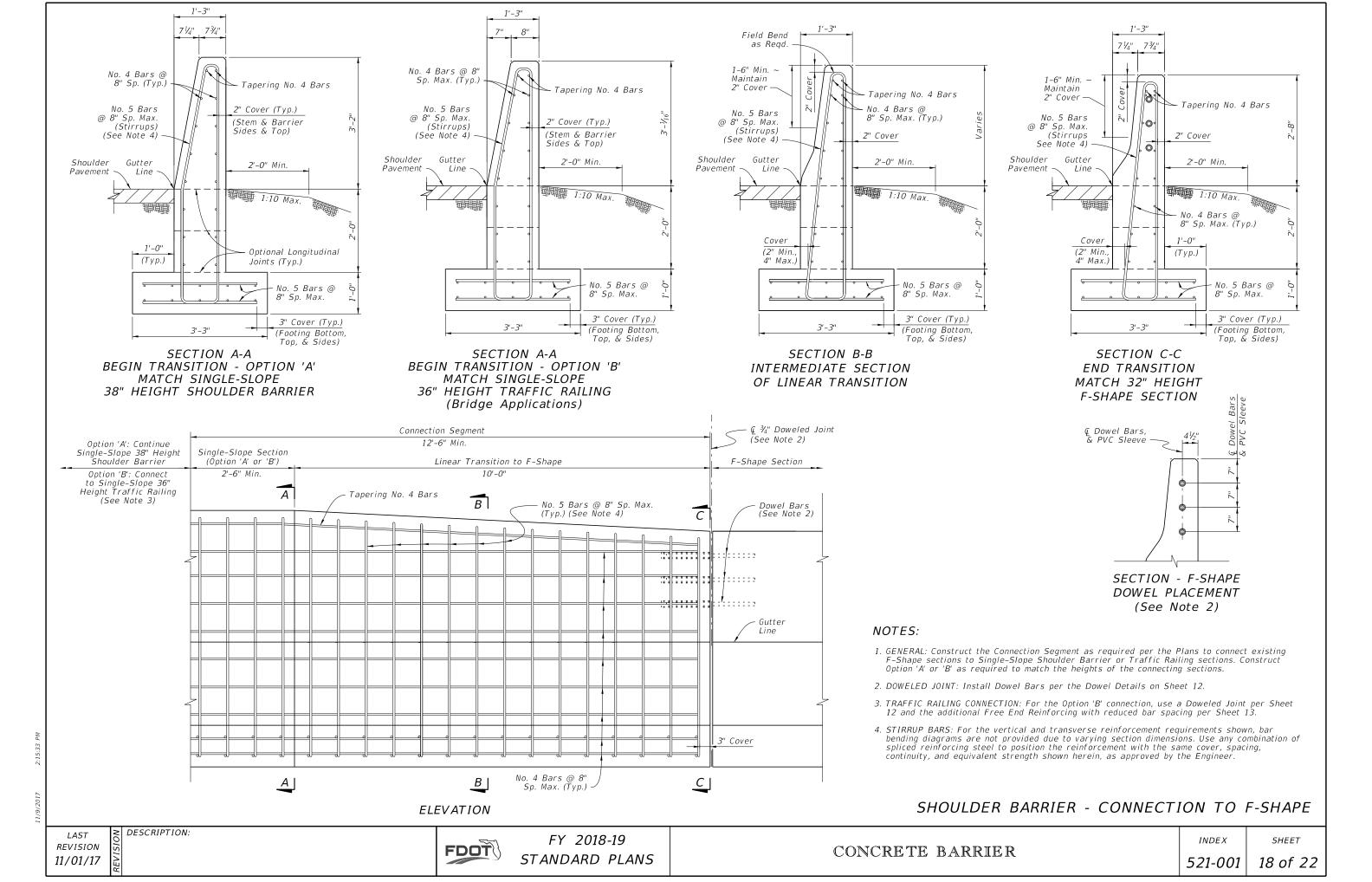


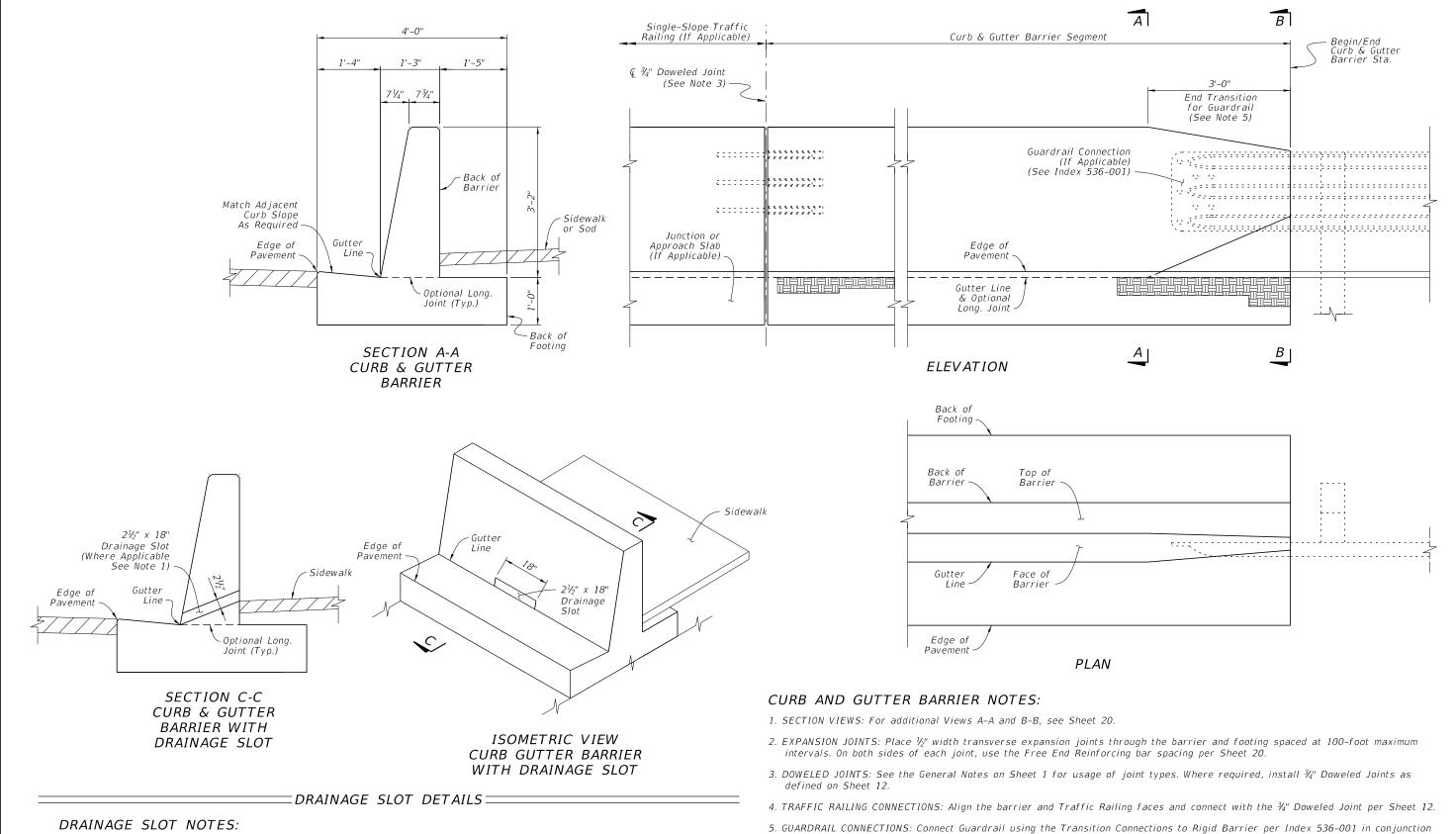
38" Height

11/01/17

FDOT

38" Height





- 1. GENERAL: Place $2\frac{1}{2}$ " x 18" Drainage Slots at locations and/or spacing called for in the Plans.
- 2. STEEL REINFORCEMENT CONFLICT: When the Drainage Slot encounters a conflict with reinforcing steel, shift or cut the reinforcing steel to provide $2\frac{1}{2}$ "(± $\frac{1}{2}$ ") of concrete cover for the reinforcing around the Drainage Slot. If cutting the vertical bars, maintain 8" bar spacing. If shifting the vertical bars, move the bars from the standard 8" spacing location to the closest end of the drainage slot (distributing additional vertical reinforcement evenly on each side of the Drainage Slot).
- with 3'-0" End Transition for Guardrail as shown herein.
- 6. FREE ENDS: When the barrier end does not terminate with a Traffic Railing connection or Guardrail connection as called for in the Plans, terminate the barrier in accordance with the Free End Reinforcing Note on Sheet 20.

CURB AND GUTTER BARRIER

REVISION 11/01/17

DESCRIPTION:

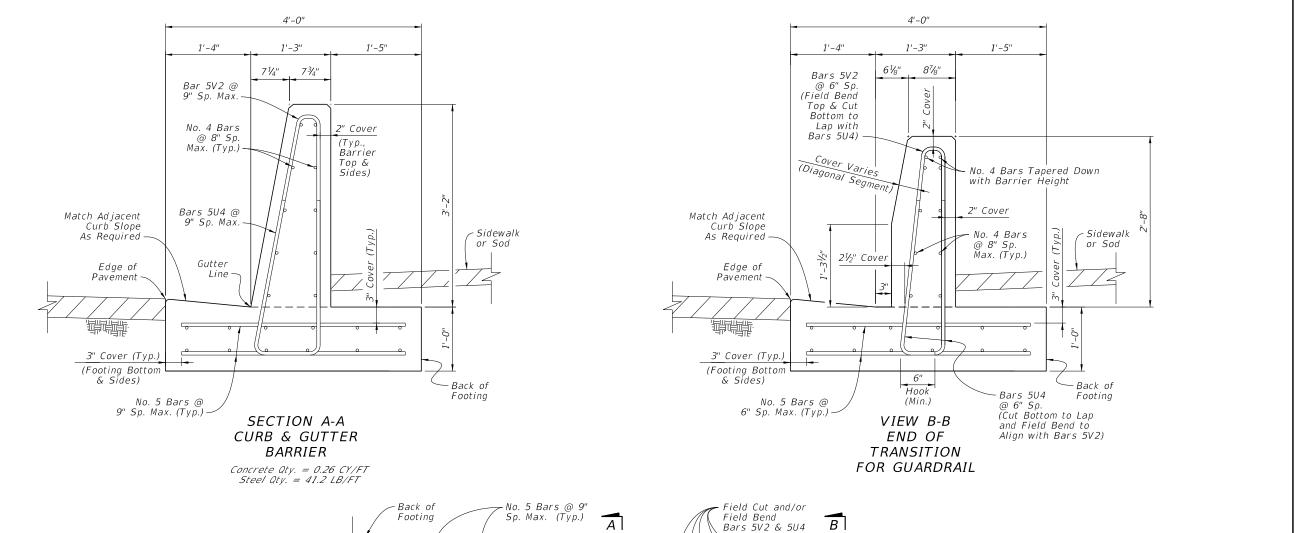
FDOT

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CONCRETE BARRIER

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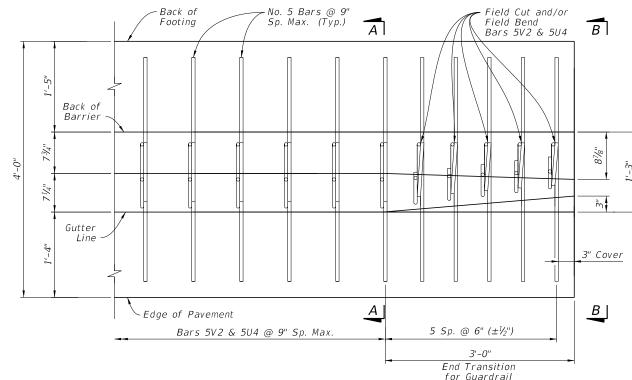
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DESCRIPTION:

- 1. GENERAL: Work with the Plan and Elevation Views on Sheet 19.
- 2. FREE END REINFORCING: Where shown in the Plans, terminate the 38" Curb & Gutter Barrier section with a transverse vertical end face. Reduce the spacing of Bars 5V2 and 5U4 to 6" for 5 Spaces, placed with 3" cover from the barrier's
- 3. BAR BENDING DIAGRAMS: For additional details for bars 5V2 and 5U4, see the Bar Bending Diagrams on Sheet 22.



PLAN VIEW - END SEGMENT FOR GUARDRAIL CONNECTION (Longitudinal Steel Not Shown for Clarity)

CURB AND GUTTER BARRIER -REINFORCING DETAILS

11/01/17

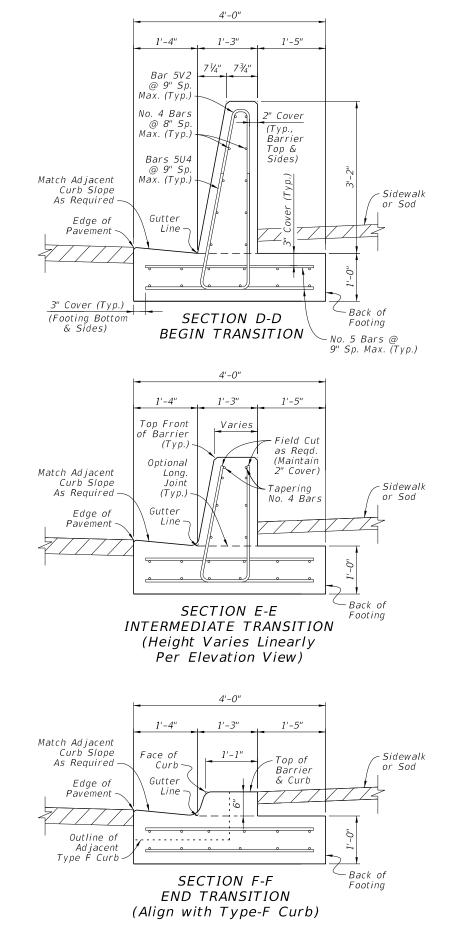
FDOT

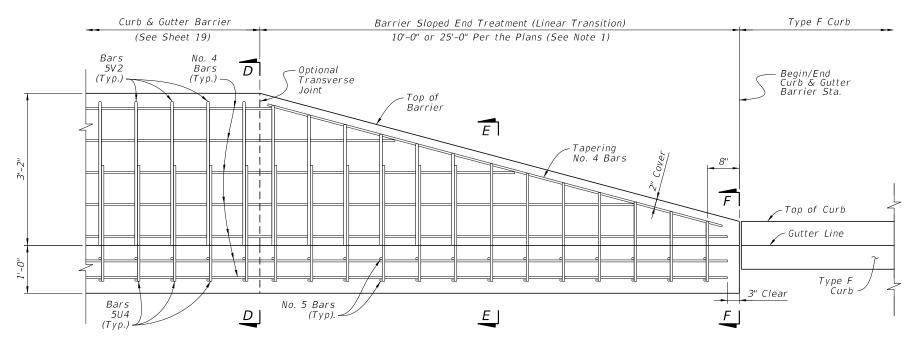
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CONCRETE BARRIER

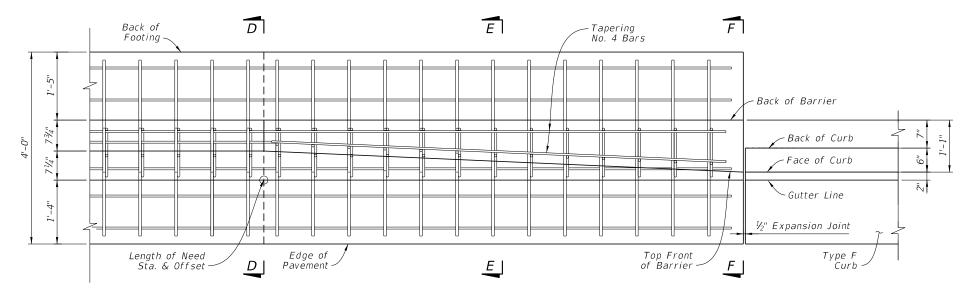
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ELEVATION - CURB AND GUTTER BARRIER SHOWING SLOPED END TREATMENT (Approach and Trailing End Similar by Opposite Hand)



PLAN - CURB AND GUTTER BARRIER SHOWING SLOPED END TREATMENT (Approach and Trailing End Similar by Opposite Hand; See Sections for All Longitudinal Steel Locations)

NOTES:

- 1. GENERAL: Install a Sloped End Treatment only where called for in the Plans, using either a 10'-0" length or 25'-0" length treatment as specified in the Plans. The 10'-O" length option is shown herein, while the 25'-O" length option requires additional trimmed Bars 5U4 & 5V2 at the same 9" longitudinal spacing.
- 2. BAR BENDING DIAGRAMS: For additional details on Bars 5V2 & 5U4, see the Bar Bending Diagrams on Sheet 22.

CURB AND GUTTER BARRIER -SLOPED END TREATMENT

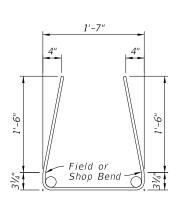
REVISION 11/01/17

DESCRIPTION:

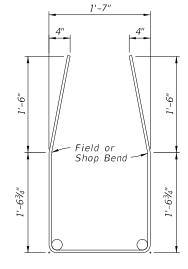
FDOT

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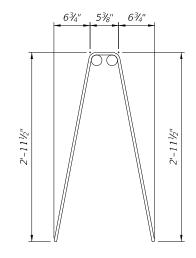
BILL OF REINFORCING STEEL			
MARK	SIZE	LENGTH	
C1	4	3'-8"	
C2	5	3'-0"	
U1	4	5'-1"	
U2	4	7'-8"	
U3	5	9'-7"	
U4	5	5'-9"	
V1	4	6'-4"	
V2	5	6'-3"	



BARS 4U1

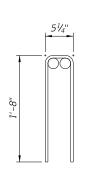


BAR 4U2



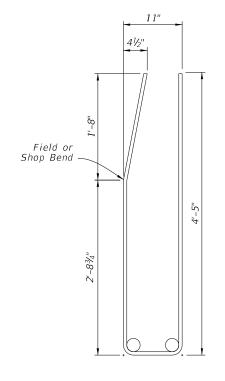
BAR 4V1

BAR 4C1

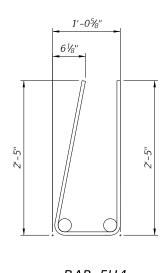


NOTES:

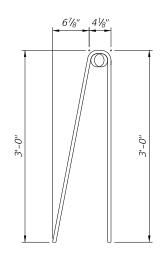
- 1. Work with the Standard Bar Bending Details per Index 415-001.
- 2. All bar dimensions in the bending diagrams are out to out.



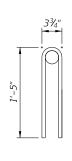
BAR 5U3



BAR 5U4



BAR 5V2



BAR 5C2

REINFORCING BAR BENDING DIAGRAMS

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FDOT

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CONCRETE BARRIER

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DESCRIPTION: