**FLORIDA-I 45 BEAM - STANDARD DETAILS**

**ELEVATION AT END OF BEAM**

(End View)

- Bars 3C1 & 3C2
- Bars 3D1 & 3D2 for Skewed Ends

**BAR SIZING**

- Bars 3C1 or 3C2 @ 6" sp. (See Note 9)
- Bars 3D1 @ 8" sp. @ 3" (See Note 9)
- Bars SK @ 12" sp.

**END VIEW**

- Interim Design Standard
- New Design Standard
- 2010 Interim Design Standard
- Bars 3C1 or 3C2 for Skewed Ends
- Additional Bars 3D1 or 3D2 for Skewed Ends

**END 1**

- Bars 3C1 or 3D2 (Pairs) @ 6" sp. @ 3" (See Note 9)

**END 2**

- Bars 3C1 or 3D2 (Pairs) @ 6" sp. @ 3" (See Note 9)

**END VIEW**

- Bars 3C1 or 3D2 (Pairs) @ 6" sp. @ 3" (See Note 9)

**BILL OF REINFORCING STEEL**

**CONVENTIONAL REINFORCING BAR BENDING DETAILS**

**BAR BENDING DETAILS**

- Bars 3C1 & 3C2
- Bars 3D1 & 3D2

**NOTES:**

A. Work this Index with Index No. 20010 - Typical Florida-I Beam Details and Notes and the Florida-I Beam - Table of Beam Variables in Structures Plans.

B. For referenced notes, see Index No. 20010.

C. For dimensions A, B, C, D, L, R & V1 and number of spaces S1 thru S4, see Florida-I Beam - Table of Beam Variables in Structures Plans.

**Florida-I Beam Details and Notes**

- For Dimensions A, B, C, D, L, R & V1 and number of spaces S1 thru S4, see Florida-I Beam - Table of Beam Variables in Structures Plans.

- See Table 3'-8" for Dimensions A, B, C, D, L, R & V1 and number of spaces S1 thru S4, see Florida-I Beam - Table of Beam Variables in Structures Plans.
ALTERNATE REINFORCING STEEL (WELDED WIRE REINFORCEMENT) DETAILS

**PLAN VIEW PIECE M-1**  
(2 Required)  

**PLAN VIEW PIECE M-3**  
(2 Required)  

**PLAN VIEW PIECE S-1, S-2, S-3 or S-4**  
(2 Required Each Piece)  

**PIECES K & S**  
END VIEW  

**PIECES M**  
END VIEW  

**PIECES D**  
END VIEW  

**SECTION A-A FOR WELDED WIRE REINFORCEMENT**  

**PARTIAL BEAM END VIEW**  
(Conventional Reinforcing Bars A, C, Y and Strands not Shown for Clarity)

**NOTES:**  

a. See Sheet 1 for placement details & Table of Beam Variables in Structures Plans for variables S1, S2, S3, S4 & V1.  
b. Place Conventional Reinforcement Bars 5A & 3C as shown on Sheet 1. Place additional Bars 5Y as shown in Section A-A for Welded Wire Reinforcement. Bars 5Z will not be used with the WWR Option.  
c. Pieces may be fabricated in multiple length sections.  

**LEGEND:**  

- EF = Each Face  
- BF = Back Face  

**REVISIONS**  

 allegory  

**DATE**  
07/01/10  

**BY**  
SJN  

**DESCRIPTION**  
 Changed interior W6.4 wires to "Optional" for PIECES M.