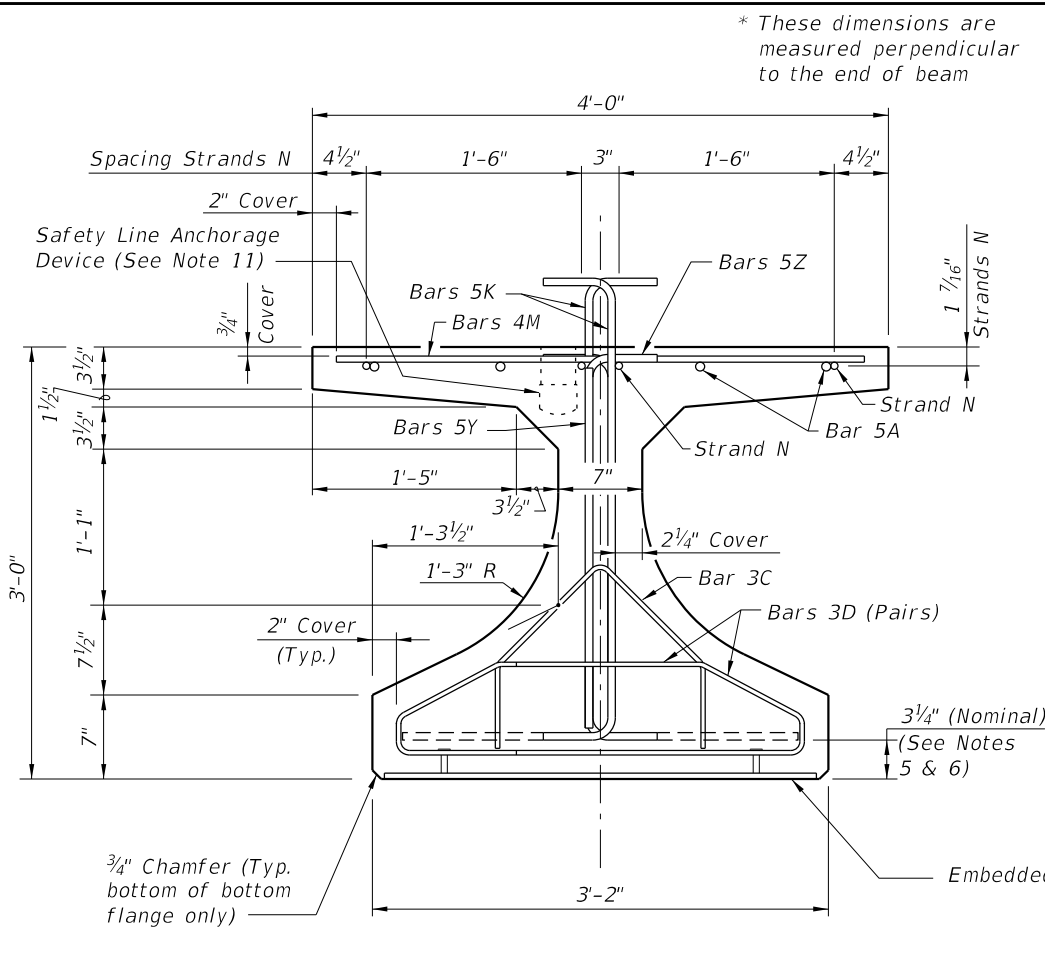
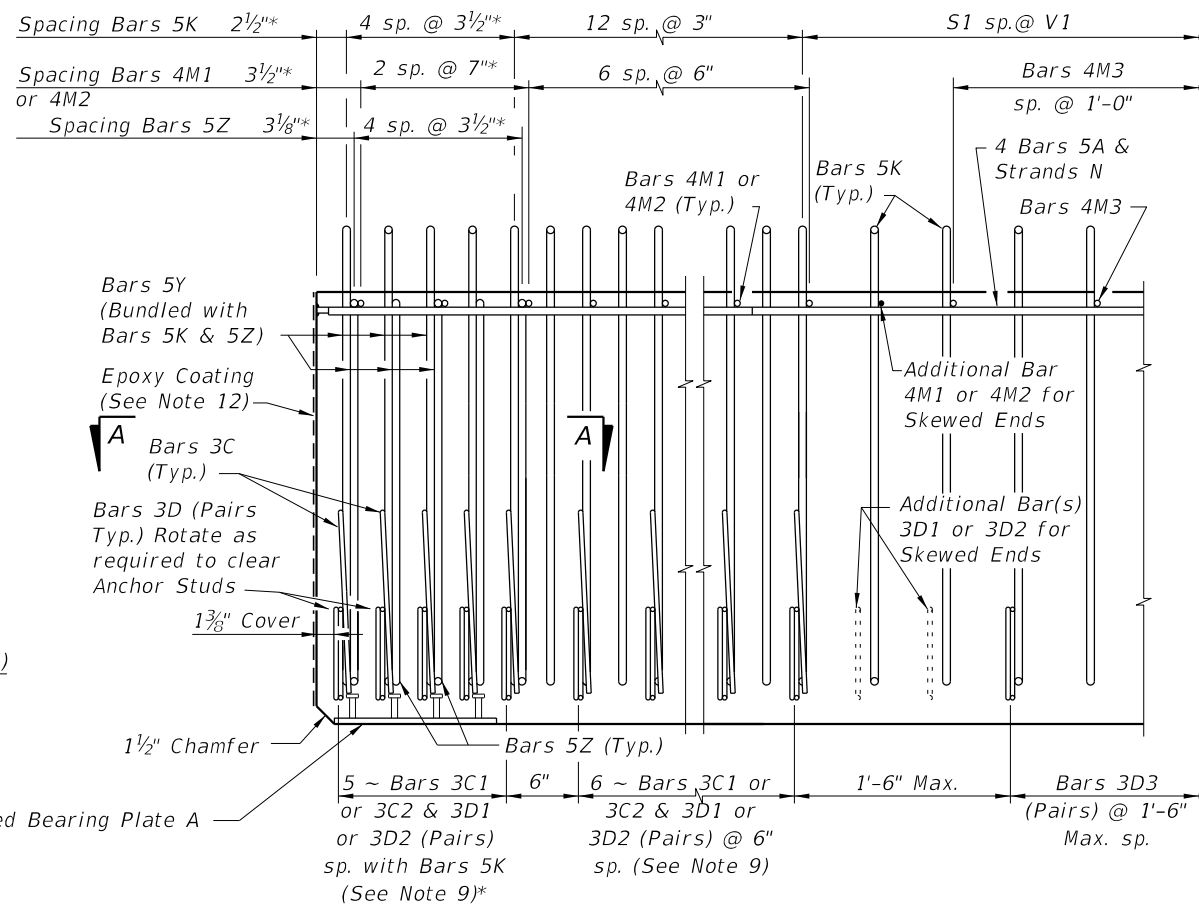


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END VIEW



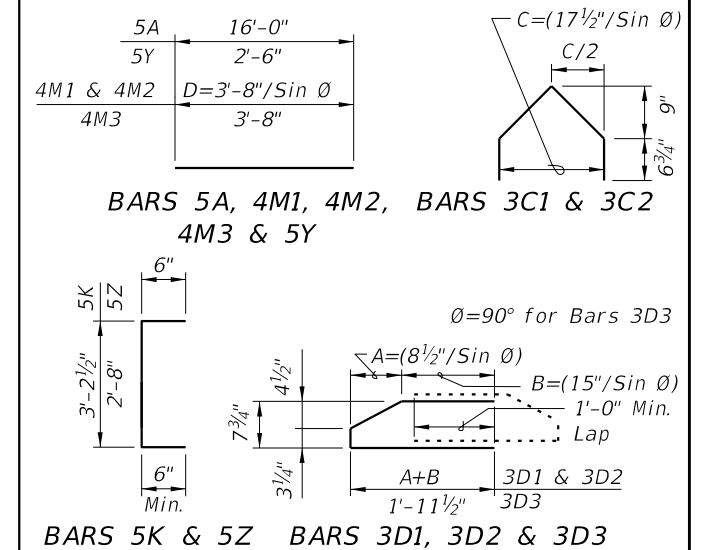
ELEVATION AT END OF BEAM
(Flanges Not Shown For Clarity)
(End 1 Shown, End 2 Similar)

CONVENTIONAL REINFORCING
BAR BENDING DETAILS

BILL OF REINFORCING STEEL

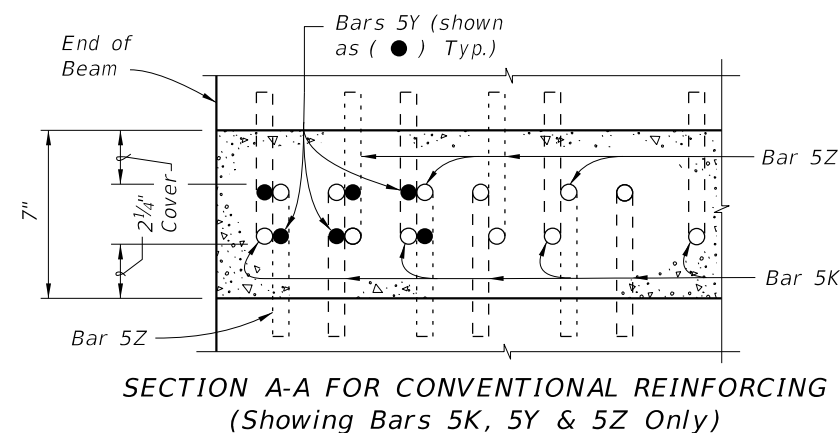
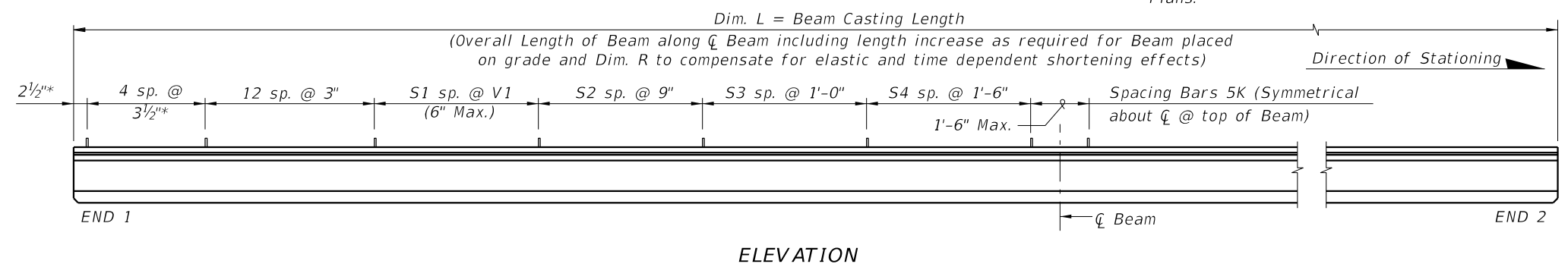
MARK	NOTE NUMBERS	SIZE	NUMBER REQUIRED	LENGTH (NOTE 2)
A	—	5	8	16'-0"
C1	7, 8 & 9	3	11 (End 1)	Varies
C2	7, 8 & 9	3	11 (End 2)	Varies
D1	7, 8, 9 & 10	3	22 (End 1)	Varies
D2	7, 8, 9 & 10	3	22 (End 2)	Varies
D3	9 & 10	3	See Table	4'-3"
K	5, 6, 8, 9 & 10	5	See Table	4'-2"
M1	7 & 9	4	9 (End 1)	Varies
M2	7 & 9	4	9 (End 2)	Varies
M3	9	4	See Table	3'-8"
N	4 & 12	3/8" Ø Strand	4	Dim. L
Y	8 & 9	5	12	2'-6"
Z	5, 6, 8, 9 & 10	5	10	3'-8"

BENDING DIAGRAMS (See Note 2)



NOTES:

- A. Work this Index with Index 450-010 - 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 450-010.
- 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.



LAST
REVISION
11/01/19

DESCRIPTION:



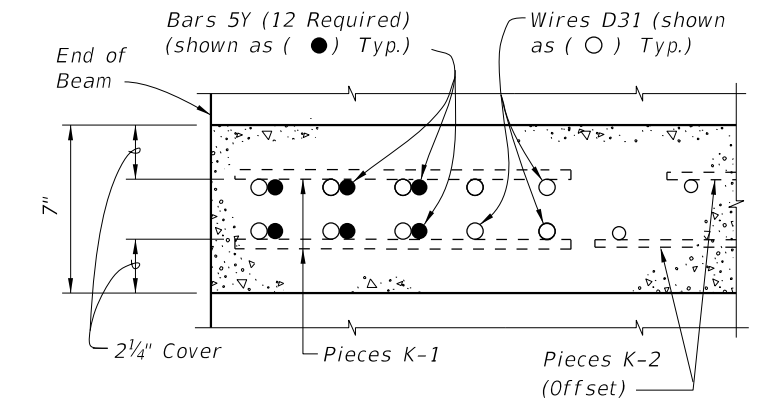
FY 2027-28
STANDARD PLANS

FLORIDA-I 36 BEAM - STANDARD DETAILS

INDEX
450-036

SHEET
1 of 2

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Pieces S (Single Mat) Tied to Strands at C Beam

Pieces M-3

$\frac{3}{4}"$

2" Cover (Typ.)

$3\frac{3}{4}" \pm$

$2\frac{5}{8}"$ Cover

$5\frac{3}{4}"$

Diagram illustrating the cross-section of a reinforced concrete beam, showing the placement of reinforcement bars and cross wires.

Labels and Dimensions:

- Pieces M-1**: Top horizontal reinforcement bars.
- Pieces K (Pairs)**: Vertical reinforcement bars.
- Pieces D (Pairs)**: Bottom horizontal reinforcement bars.
- Cross Wires (W12.4 or W10)**: Vertical cross wires.
- 3/4"**: Dimension for the top horizontal reinforcement bar.
- 2" Cover (Typ.)**: Dimension for the top horizontal reinforcement bar.
- 2 1/4" Cover (2" Min.)**: Dimension for the vertical reinforcement bar.
- 2" Cover**: Dimension for the bottom horizontal reinforcement bar.
- 5 3/4"**: Dimension for the vertical reinforcement bar.
- 4" Piece K & S**: Dimension for the vertical reinforcement bar.

NOTES:

- LEGEND:
EF = Each Face
FF = Front Face
BF = Back Face