FLORIDA-I 36 BEAM - STANDARD DETAILS

CONVENTIONAL REINFORCING BAR BENDING DETAILS

BILL OF REINFORCING STEEL

NOTES:
A. Work this Index with Index 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 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.

SECTION A-A FOR CONVENTIONAL REINFORCING (Showing Bars 5K, 5Y & 5Z Only)

END VIEW

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

ELEVATION

Dim. L = Beam Casting Length
(Overall Length of Beam along Beam including length increase as required for Beam placed on grade and Dim. R to compensate for elastic and time dependent shortening effects)
**ALTERNATE REINFORCING STEEL (WWR) DETAILS**

**PIECES M END VIEW**
- Piece M-1 ties to Piece K-2
- S = D31's @ 1'-2" sp.
- Piece M-2 ties to Piece K-2

**PIECES K & S END VIEW**
- Pieces K-1, S-1, S-2, S-3 or S-4
  - (2 Required Each Piece)
- D11's @ 1'-0" sp.
- S1 = D25's @ 1'-0" sp.
- S2 = D25's @ 1'-0" sp.
- S3 = D25's @ 1'-0" sp.
- S4 = D25's @ 1'-0" sp.

**PIECES D END VIEW**
- Piece D-1 ties to Piece K-1
- S = D11's @ 1'-2" sp.
- Piece D-2 ties to Piece K-1
- S = D11's @ 1'-2" sp.

**NOTES:**
- See Sheet 1 for placement details & Table of Beam Variables in Structures Plans for variables S1, S2, S3, S4 & V1.
- Place Conventional Reinforcement Bars 5A & 3C as shown on Sheet 1. Place additional Bars 5Y as shown in Section A-A for WWR. Bars 5Z will not be used with the WWR Option.
- Pieces may be fabricated in multiple length sections.
- For beams with skewed end conditions, Pieces D-1, D-2 & M-1 shall not be used; Conventional Reinforcement Bars D1, D2, C1, C2, M1 & M2 shall be used. See Index 20010 Skewed Beam End Details and Note 9 for placement details. Shift Pieces K & Bars 5Y to accommodate skewed end conditions and align with Bars C and D.