**DESCRIPTION:**

**ALTERNATE REINFORCING STEEL (WWR) DETAILS**

**PLAN VIEW**

**PIECE K-1** (Aligned EF)
- (4 Required ~ 2 Pairs)
- Piece D-1 lies to Piece K-1

**PIECE K-2** (FF Shown Solid, BF Shown Dashed)
- (4 Required)

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

**PLAN VIEW**

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

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

**PLAN VIEW**

**PIECE D-1** (4 Required ~ 2 Pairs)

**PIECE D-2** (4 Required ~ 2 Pairs)

**PIECE D-3** (4 Required ~ 2 Pairs)

**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 A, C, Y and Strands not shown for clarity.
- 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 450-010 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.

**REFERENCES:**

- FY 2020-21 STANDARD PLANS
- FLORIDA-I 72 BEAM - STANDARD DETAILS
- 450-072