**ALTERNATE REINFORCING STEEL (WWR) DETAILS**

**PLAN VIEW**

**PIECE M-1**
- 2 Required
- Piece M-1 ties to Piece K-2
- Match spacing of adjacent Pieces S-1, S-2, S-3 or S-4

**PIECE M-3**
- 2 Required
- Piece M-1 ties to Piece K-2
- Match spacing of adjacent Pieces S-1, S-2, S-3 or S-4

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

**END VIEW**

**PIECES M**
- END VIEW

**PIECES K & S**
- END VIEW

**PIECES D**
- END VIEW

**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 WWR. Bars 5Z will not be used with the WWR Option.
- c. Pieces may be fabricated in multiple length sections.
- d. 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.

**INDEX**

450-036

**SHEET**

2 of 2

**LAST REV**

11/01/16

**DESCRIPTION:**

FLORIDA-1 36 BEAM - STANDARD DETAILS