**FLORIDA-1 78 BEAM - STANDARD DETAILS**

**ALTERNATE REINFORCING STEEL (WWR) DETAILS**

**NOTES:**

a. See Sheet 1 for placement details & Table of Beam Variables in Structures Plans for variables $S_1, S_2, S_3, S_4$ & $V_1$.

b. Place Conventional Reinforcement Bars $A$ & $C$ as shown on Sheet 1. Place additional Bars $Y$ as shown in Section A-A for WWR. Bars $Z$ will not be used with the WWR Option.

b. 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 $D_1, D_2, C_1, C_2, M_1 & M_2$ shall be used. See Index 20010 Skewed Beam End Details and Note 9 for placement details. Shift Pieces $K$ & Bars $Y$ to accommodate skewed end conditions and align with Bars $C$ and $D$. 

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**PLAN VIEW**

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

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

**PLAN VIEW**

**PIECE K-1** 
(Aligned EF) 

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

**PIECE S1, S2, S3 or S4** 
(2 Required - Each Piece)

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

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

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

**SECTION A-A**

FOR WELDED WIRE REINFORCEMENT

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**PARTIAL SECTION AT CENTER BEAM**

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**PARTIAL BEAM END VIEW**

(Conventional Reinforcing Bars $A, C, Y$ and Strands $N$ not Shown for Clarity)