## PRESTRESSED BEAM STABILITY AND TEMPORARY BRACING NOTES:

- 1. Ensure beam stability and design temporary beam bracing, including connections, in accordance with the Specifications and the FDOT Structures Manual.
- 2. Construction:
  - a. Evaluate the beam stability and bracing requirements against the design assumptions including:
    - i. Loadings given in the plans.
    - ii. Beam Camber (less than 6 inches) and Beam Sweep (in compliance with Specification 450 requirements).
    - iii. Bearings given in the plans.
  - b. Securely connect bracing to each beam. Do not allow the bracing to exert any vertical force on the outer edge of the top flange. Preform all bolt holes in beams and fill after use in accordance with the Specifications.

TABLE (	OF PRESTR	ESSED I-BEAM T	EMPORARY	BRACING MINIMUM	1 REQUIREMENTS	AND LOADS	Table Date 8-05-1:
SPAN NO.	BEAM NO.	STAGE 1	STAGE 2			STAGE 3	
		BRACE ENDS PRIOR TO CRANE RELEASE? <sup>1</sup> (YES/NO)	TOTAL LINES OF BRACING <sup>2,3,7</sup>	MINIMUM NUMBER OF ADJACENT BEAMS ERECTED	HORIZONTAL LOAD AT EACH BRACE <sup>4</sup> (KIP)	TOTAL LINES OF BRACING <sup>3,5,7</sup>	OVERTURNING MOMENT AT EACH BRACE <sup>6</sup> (KIP-FT)

- 1. Anchor Bracing loads to be determined by the Contractor.
- 2. Total lines of Stage 2 bracing, including end bracing, are required to be installed within 24 hours after initial beam placement.
- 3. Equally space bracing along the length of the beams allowing for variations due connection conflicts and skew.
- 4. LRFD Strength III loads applied to beam at brace point (see SDG 11.6).
- 5. Total lines of Stage 3 bracing, including end bracing, are required to be installed prior to deck placement.
- 6. LRFD Strength I overturning moment applied to beam at brace point (see SDG 11.6).
- 7. Submit shop drawings for temporary bracing plan including locations of preformed beam holes/inserts.