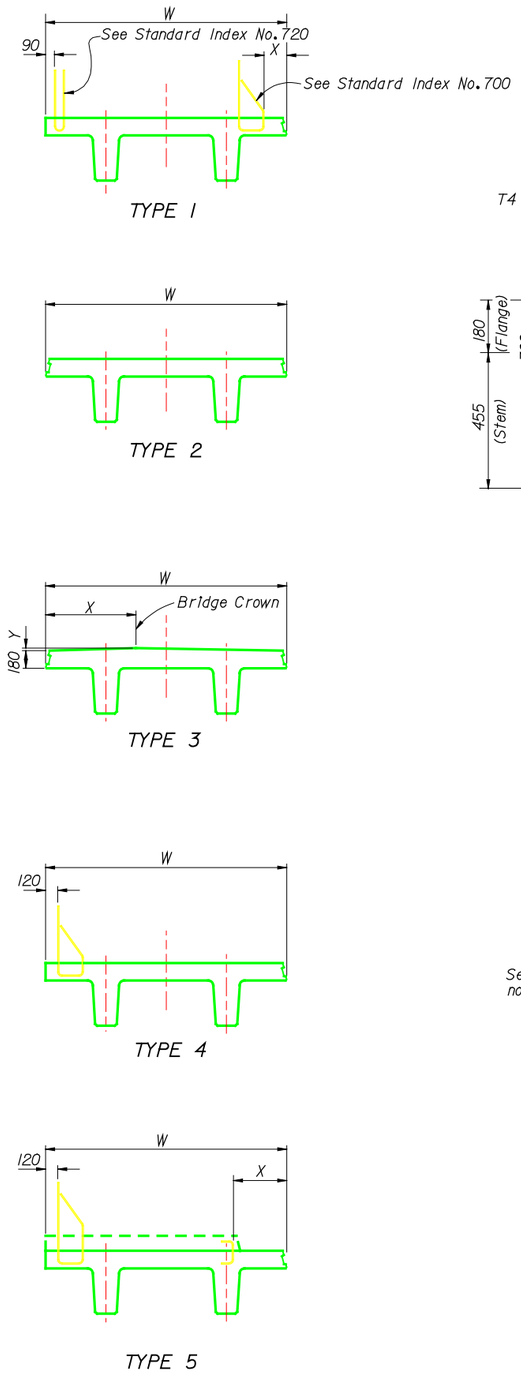
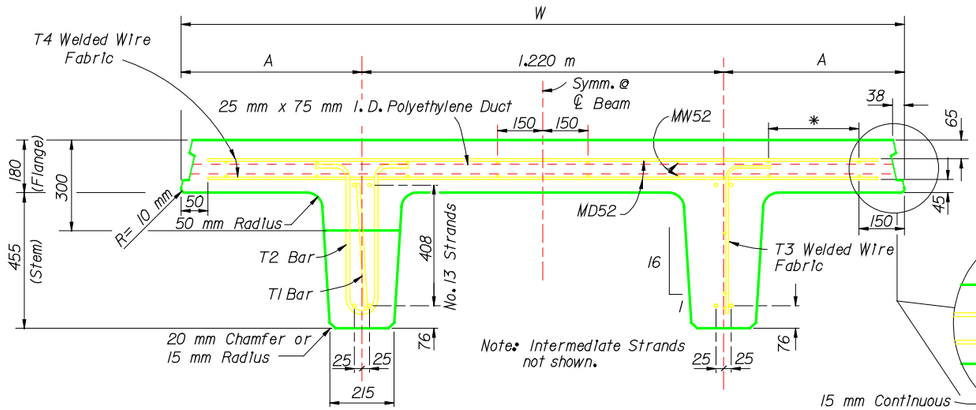
FED. ROAD DIV. NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.
3	FLA.			

NOTE: Reinforcement for Barrier Transition shall be provided in accordance with NOTE 'A' of Standard Index No.700.

NOTE: For Dimensions "A", "L", "W", "X" & "Y", and Strand Pattern, see FDT18 Table of Variables & Strand Patterns Sheet.

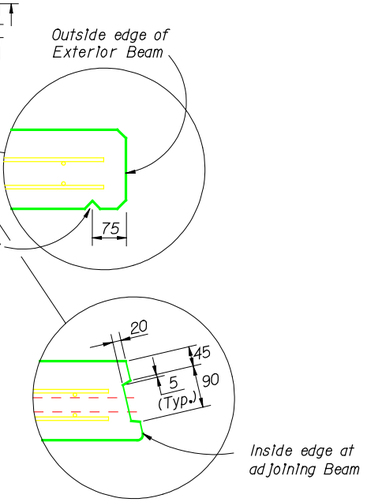
* Adjust outermost spacing to suit "W", i.e.: Spacing = ½(W−1.800).



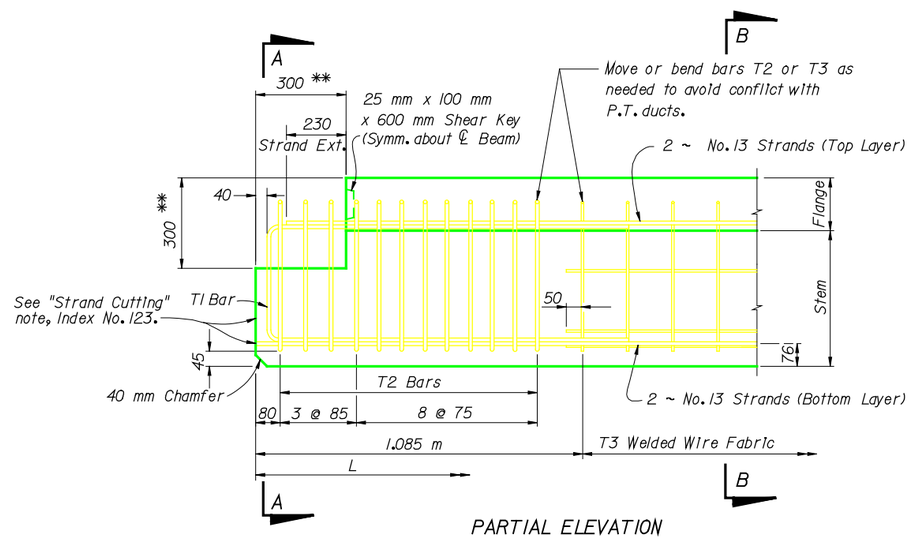


HALF SECTION A–A

HALF SECTION B–B



** Blockout concrete to accept C.I.P. Diaphragm.
See Index 127 for orientation of the horizontal 300 mm dimension.



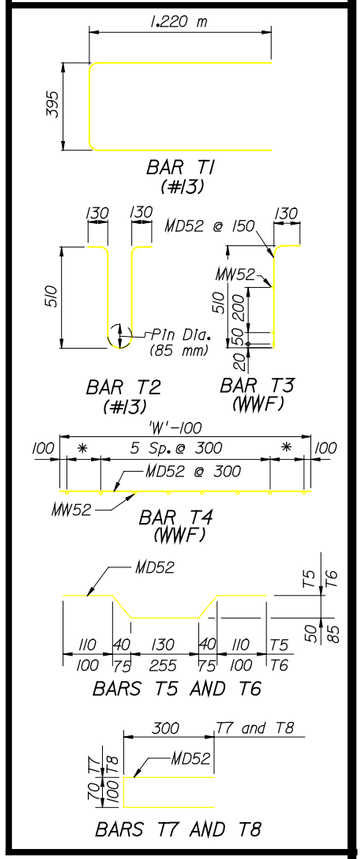
PARTIAL ELEVATION

(Flange Reinforcing and P.T. Ducts not shown)

(Intermediate Strands not shown)

NOTE: All dimensions are in millimeters (mm), except as noted.

BENDING DIAGRAM



NOTES:

All bar bends shall be made with a 50 mm diameter pin unless otherwise noted.

The Welded Wire Fabric (T4) shall consist of eight (8) longitudinal MW52 wires welded to transverse MD52 wires spaced at 300 mm. The MW52 wires shall be spaced as shown above and their length, in the finished beam, shall be equal to the length of the precast flange plus 300 mm. Sufficient material to include splices shall be provided. Splices, if needed, shall be 360 mm minimum.

The longitudinal MW52 wires for the welded wire fabric (T3) do not require splicing.

MW52 wires shall comform to ASTM A185.
MD52 wires shall conform to ASTM A497.

Six (6) Bars 'T6' and two (2) Bars 'T8' are required at each P/T anchorage location.

Three (3) Bars 'T5' and two (2) Bars 'T7' are required at each P/T duct location where the tendon's path deviates from a straight course.

Four (4) Bars 'T1' are required per Beam.
Forty-eight (48) Bars 'T2' are required per Beam.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
			97R		

	NAMES	DATES
DRAWN BY	DCP	6-90
CHECKED BY	AJG	6-90
DESIGNED BY	TJB	6-90
CHECKED BY	AJG	6-90
APPROVED BY	AJG	

ENGINEER OF RECORD:
STRUCTURES DESIGN OFFICE
CENTRAL OFFICE
605 Suwannee Street, MS 33
Tallahassee, Florida 32399-0450

LOGO:

SEAL:

FLORIDA DEPARTMENT OF TRANSPORTATION
STRUCTURES DESIGN OFFICE

ROAD NO.	COUNTY	PROJECT NO.

SHEET TITLE: FDT 18 TYPICAL SECTION

PROJECT NAME:

DRAWING NO. 1 of 1

INDEX NO. 124

DATE "" TIME

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