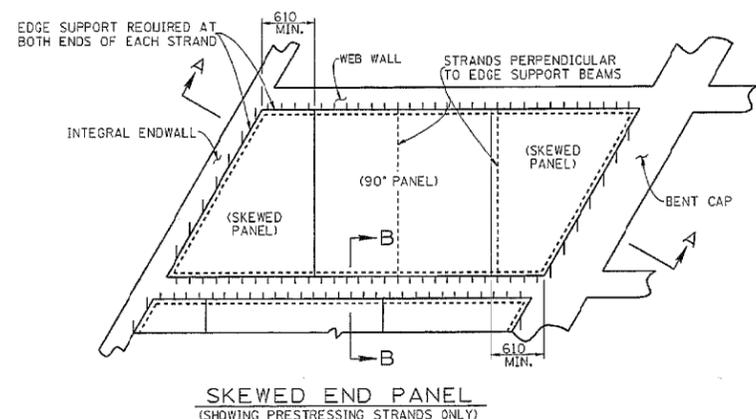
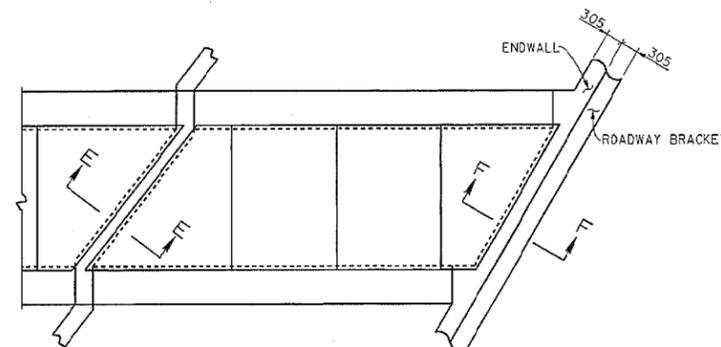


PROJECT NO.	YEAR	SHEET NO.
	1996	

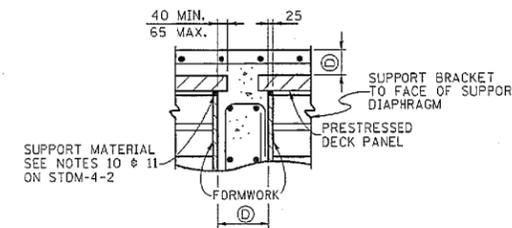
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
1	6-10-86	BRB	NEW METRIC STANDARD
2	3-02-02	C.M.H.	REMOVED BOX CULVERT DETAILS



SKEWED END PANEL
(SHOWING PRESTRESSING STRANDS ONLY)

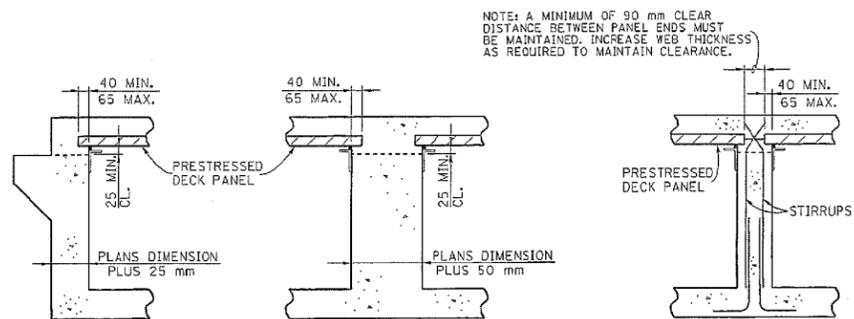


PART PLAN OF SUPPORT DIAPHRAGM & ENDWALL
(REINFORCING STEEL & PRESTRESSING STRANDS NOT SHOWN)



DETAIL G

NOTE: SUPPORT DIAPHRAGM SHALL BE POURED CONCURRENTLY WITH DECK, EXCEPT AS ALLOWED FOR ALTERNATE DIAPHRAGMS IN ACCORDANCE WITH THE SPECIFICATIONS. SEE ALTERNATE DETAIL G FOR DIAPHRAGMS CAST BEFORE THE SLAB IS POURED. ALSO SEE NOTE BELOW.
NOTE: IF THE ABUTMENT BACKWALL IS TO BE POURED CONCURRENTLY WITH THE BRIDGE DECK, USE A DETAIL SIMILAR TO DETAIL G, EXCEPT THAT FORMWORK SUPPORT MUST BE LOCATED TO PROVIDE AN ADDITIONAL 25 mm OF BACKWALL SUCH THAT THE PANELS DO NOT INTERFERE WITH THE VERTICAL BACKWALL REINFORCING AS SHOWN IN SECTION F-F.



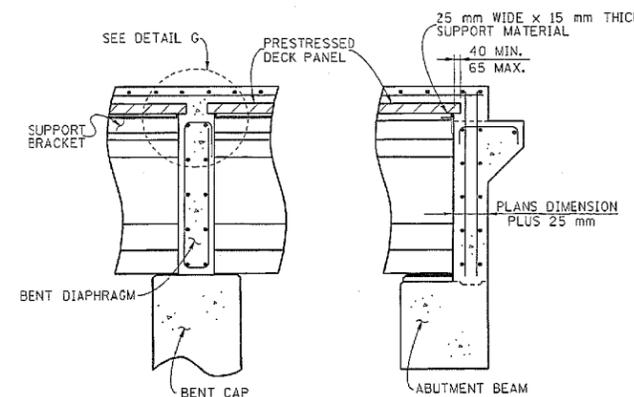
SECTION A - A

SUPPORT BRACKET REQUIRED ONLY UNDER SKEWED PANEL ENDS. FOR 90° SKEW, STOP PANELS AT FACE OF ENDWALL AND BENT CAP.

SECTION B - B

CAST IN PLACE CONCRETE BEAM

NOTE: ADDITIONAL CONCRETE NECESSARY IN THE ENDWALL, BENT CAP OR WEB WALL TO ACCOMMODATE PANEL CLEARANCE FROM VERTICAL REINFORCING SHALL BE AT THE CONTRACTOR'S EXPENSE.

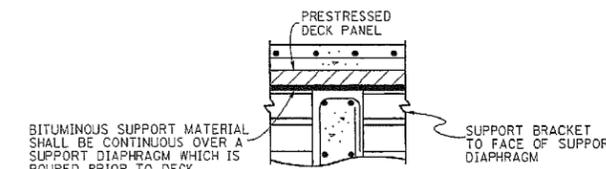


SECTION E - E SECTION F - F

(SHOWING PRECAST I-BEAM; SIMILAR FOR OTHER PREFABRICATED BEAMS)

NOTE: SECTION E-E SHOWS PRESTRESSED DECK PANELS AT BENT DIAPHRAGM WHEN POURED CONCURRENTLY WITH THE BRIDGE DECK.
NOTE: SECTION F-F SHOWS PRESTRESSED DECK PANELS AT AN INTEGRAL ABUTMENT WHEN ENDWALL AND SUPPORT BRACKET ARE POURED PRIOR TO POURING THE BRIDGE DECK.
NOTE: BRACKET AND SUPPORT MATERIAL ON FORMWORK (DETAIL G) ARE ONLY REQUIRED UNDER SKEWED PANEL ENDS. FOR 90° SKEW, STOP PANELS AT FACE OF ENDWALL OR DIAPHRAGM; BRACKET OR SUPPORT ON FORMWORK IS NOT REQUIRED.

PRECAST CONCRETE BEAM



ALTERNATE DETAIL G

NOTE: WHEN CAST PRIOR TO POURING DECK IN ACCORDANCE WITH THE SPECIFICATIONS, THE SUPPORT DIAPHRAGM SHALL BE POURED TO THE TOP OF THE SUPPORT BRACKET. THE TOP OF THE SUPPORT DIAPHRAGM SHALL NOT BE IN CONTACT WITH THE BOTTOM OF THE DECK PANEL AT ANY POINT.

ALL UNITS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

MINOR REVISION - FHWA APPROVAL NOT REQUIRED

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION

STANDARD PRECAST PRESTRESSED BRIDGE DECK PANELS GENERAL DETAILS 1996

DESIGNED BY M.A.H. DATE 10-92
DRAWN BY A.D.F. DATE 10-92
SUPERVISED BY M.A.H. DATE 10-92
CHECKED BY DATE

CORRECT Edward A. Wasserman ENGINEER OF STRUCTURES

