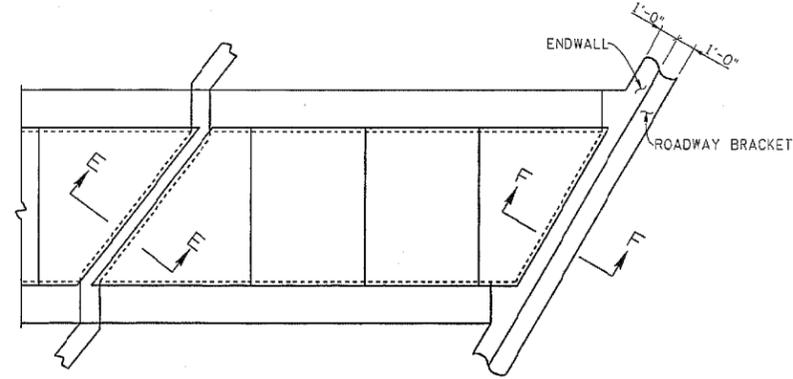


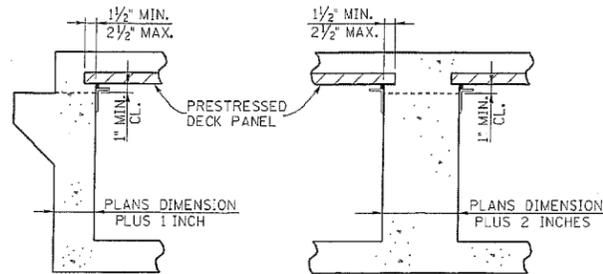
SKewed END PANEL
(SHOWING PRESTRESSING STRANDS ONLY)



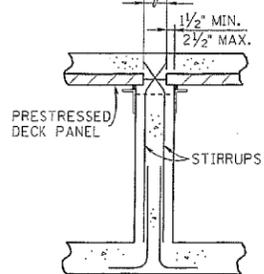
PART PLAN OF SUPPORT DIAPHRAGM & ENDWALL
(REINFORCING STEEL & PRESTRESSING STRANDS NOT SHOWN)

PROJECT NO.	YEAR	SHEET NO.	
	1992		
REVISIONS			
NO.	DATE	BY	BRIEF DESCRIPTION
1	10-26-92	M.A.H.	REARRANGED DETAILS AND NOTES ON STD-4-SERIES. REVISED SECTION D-D AND NOTES.
2	2-18-93	M.A.H.	REVISED AND ADDED NOTES
3	11-7-94	M.A.H.	ADDED SUPPORT BRACKET
4	6-10-96	M.A.H.	DELETED REFERENCE TO S ³ 604' REVISED SUPPORT BRACKET, NOTE AND ADDED ALTERNATES & DETAIL.
5	3-02-02	C.M.H.	REMOVED BOX CULVERT DETAILS

NOTE: A MINIMUM OF 3/2 INCHES CLEAR DISTANCE BETWEEN PANEL ENDS MUST BE MAINTAINED. INCREASE WEB THICKNESS AS REQUIRED TO MAINTAIN CLEARANCE.



SECTION A - A

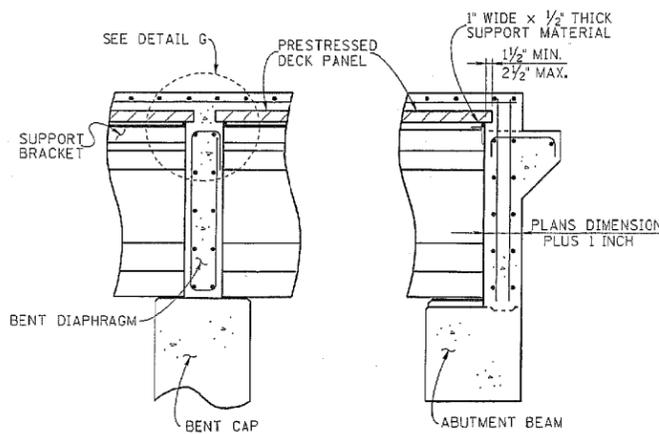


SECTION B - B

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

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

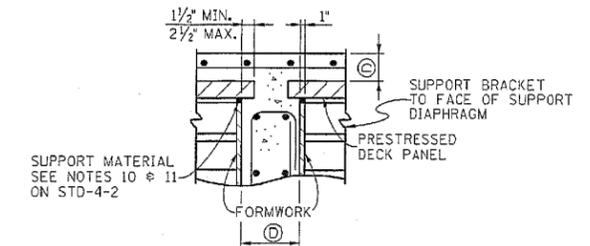
⚠⚠⚠ (SHOWING PRECAST I-BEAM; SIMILAR FOR OTHER PREFABRICATED BEAMS)

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.

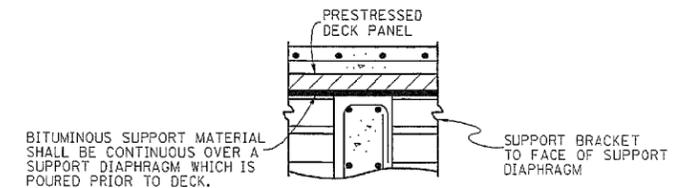
PRECAST CONCRETE BEAM



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 1 INCH OF BACKWALL SUCH THAT THE PANELS DO NOT INTERFERE WITH THE VERTICAL BACKWALL REINFORCING AS SHOWN IN SECTION F-F.



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.

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



CORRECT *Edward P. Wasserman*
 ENGINEER OF STRUCTURES

MINOR REVISION - FHWA
 APPROVAL NOT REQUIRED
 STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION
 STANDARD
 PRECAST PRESTRESSED
 BRIDGE DECK PANELS
 GENERAL DETAILS
 1992