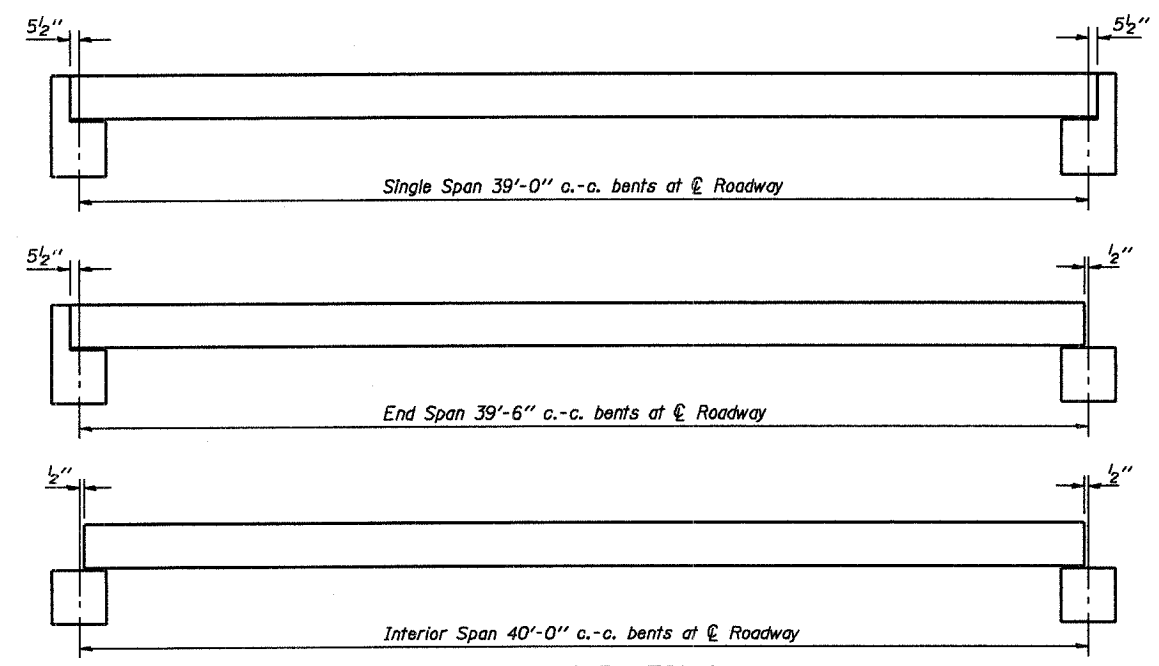
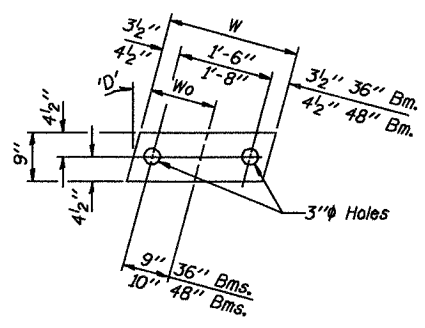
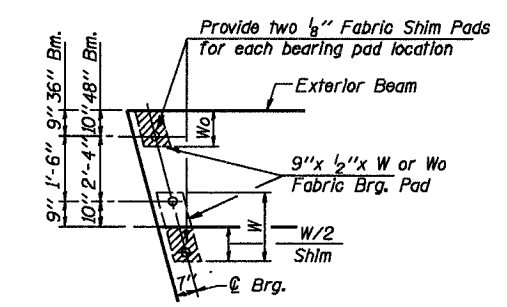


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 2792	00-0014-00-BR	MARION	14	6
FED. ROAD DIST. NO.	ILLINOIS		PROJECT	
			95461	

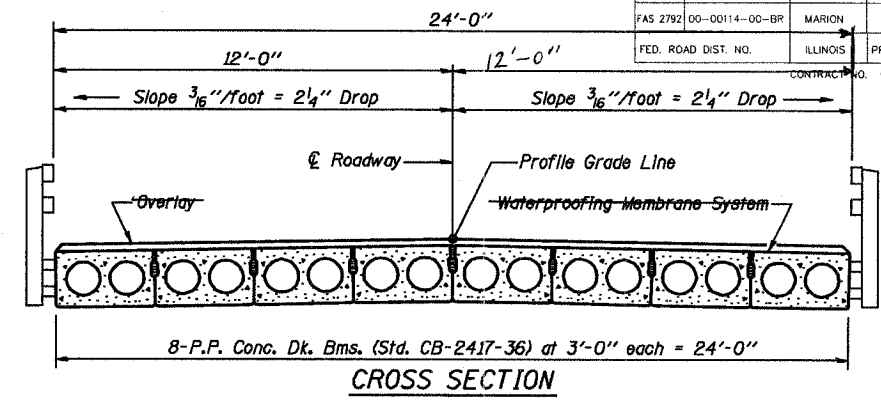


TYPICAL ELEVATIONS

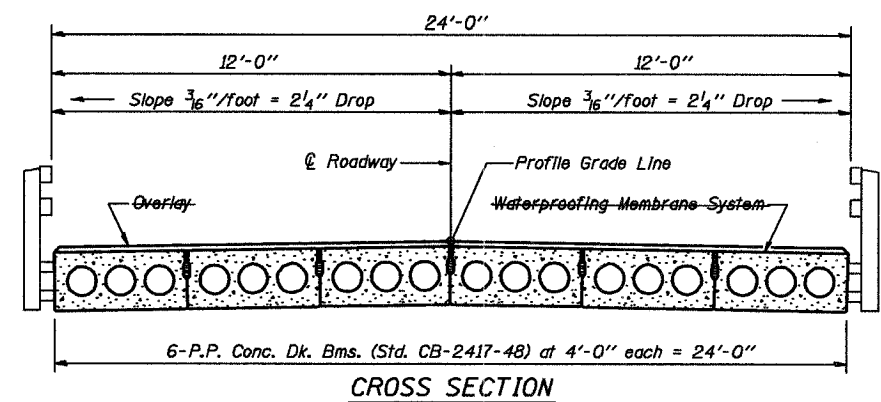


Beam	W	Wo
36"	2'-1"	1'-0 1/2"
48"	2'-5"	1'-2 1/2"

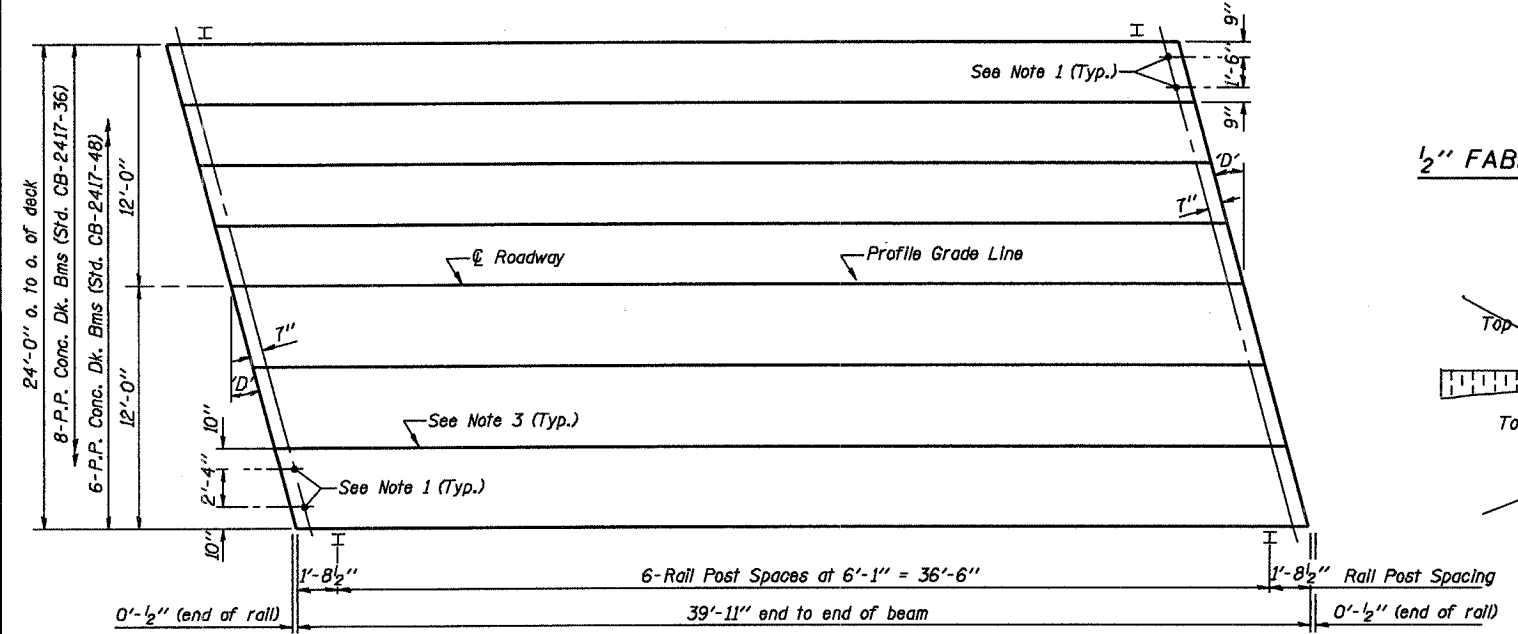
1/2" FABRIC BRG. PAD DETAILS



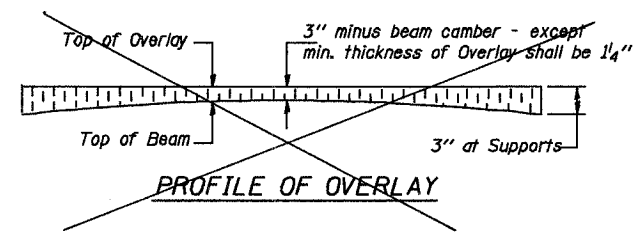
CROSS SECTION



CROSS SECTION



PLAN
(D' = Designated Skew Angle)

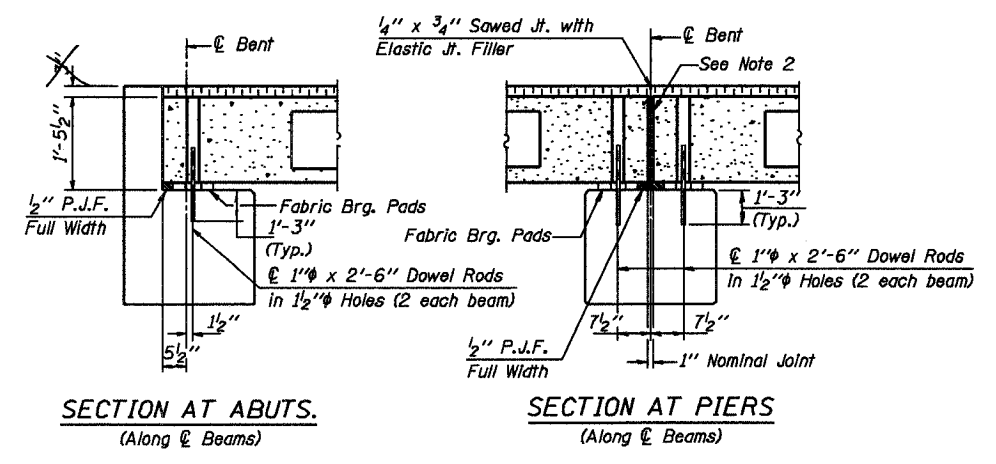


PROFILE OF OVERLAY

DIMENSIONS 'A' AND 'B'

'D'	5°	10°	15°	20°	25°	30°
A	1 1/2"	1 5/8"	1 3/4"	1 7/8"	2 1/4"	2 5/8"
B	7 1/2"	7 3/8"	7 3/4"	8"	8 1/4"	8 5/8"

- NOTES**
- After beams have been erected, holes shall be drilled into substructure and anchor dowels placed. Dowel holes shall be filled with non-shrink grout to top of beam and allowed to cure min. 24 hrs. prior to grouting the shear keys.
 - Nominal 1" joint at C Pier shall be filled with non-shrink grout.
 - Longitudinal keys shall be grouted.



SECTION AT ABUTS.
(Along C Beams)

SECTION AT PIERS
(Along C Beams)

QUANTITIES FOR ONE SPAN

P.P. Conc. Dk. Bm. 17" Dp.	960 Sq. Ft.
Steel Railing	80 Ft.
Waterproofing Membrane System	106.7 Sq. Yds.
Portland Cement Mortar	280 Ft. 36"
Fairing Course	200 Ft. 48"

Note: Quantity of overlay for one span = 13.2 Tons

P.P.C. DECK BEAM SUPERSTRUCTURE			
24' RDWY.	17" BMS.	40' SPAN	RIGHT
STANDARD CS-2417-40R			

Illinois Department of Transportation

PASSED APRIL 4, 2005
 (Signature)
 Engineer of Bridge Design

APPROVED APRIL 4, 2005
 (Signature)
 Engineer of Bridges and Structures