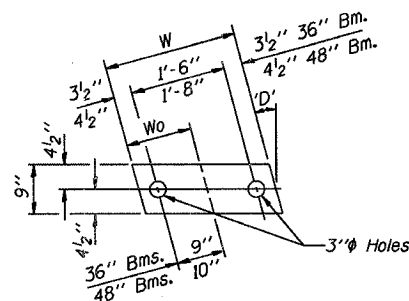
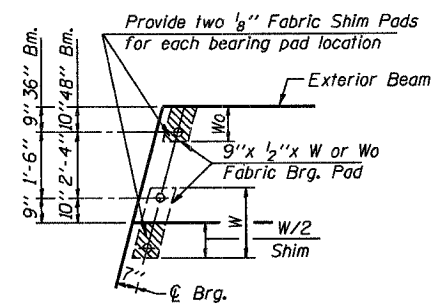
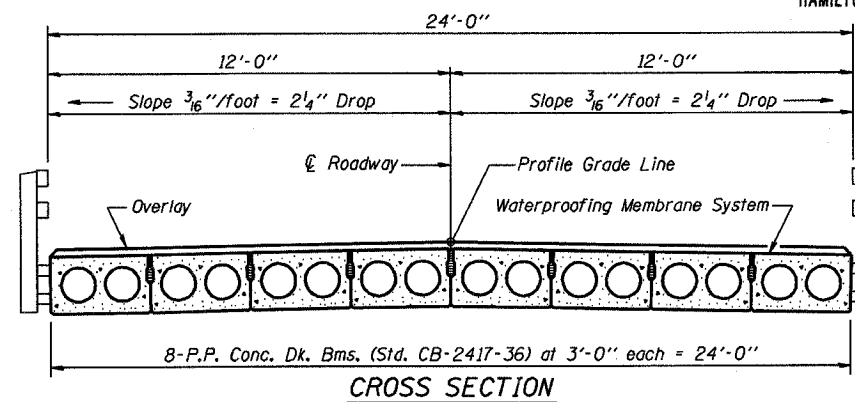


TYPICAL ELEVATIONS

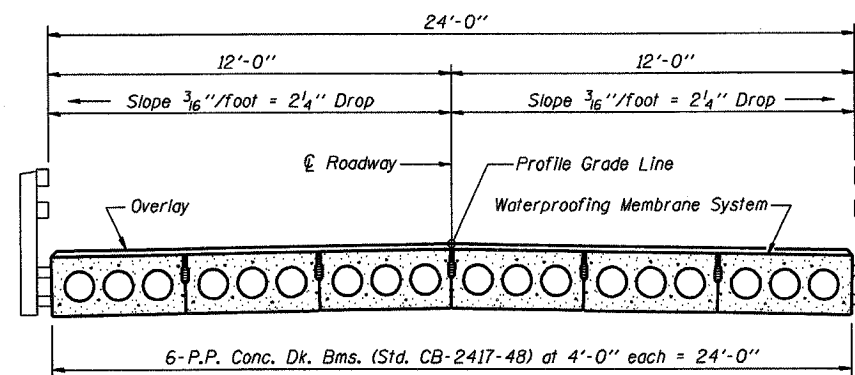


Beam	W	Wo
36"	2'-1"	1'-0 1/2"
48"	2'-5"	1'-2 1/2"

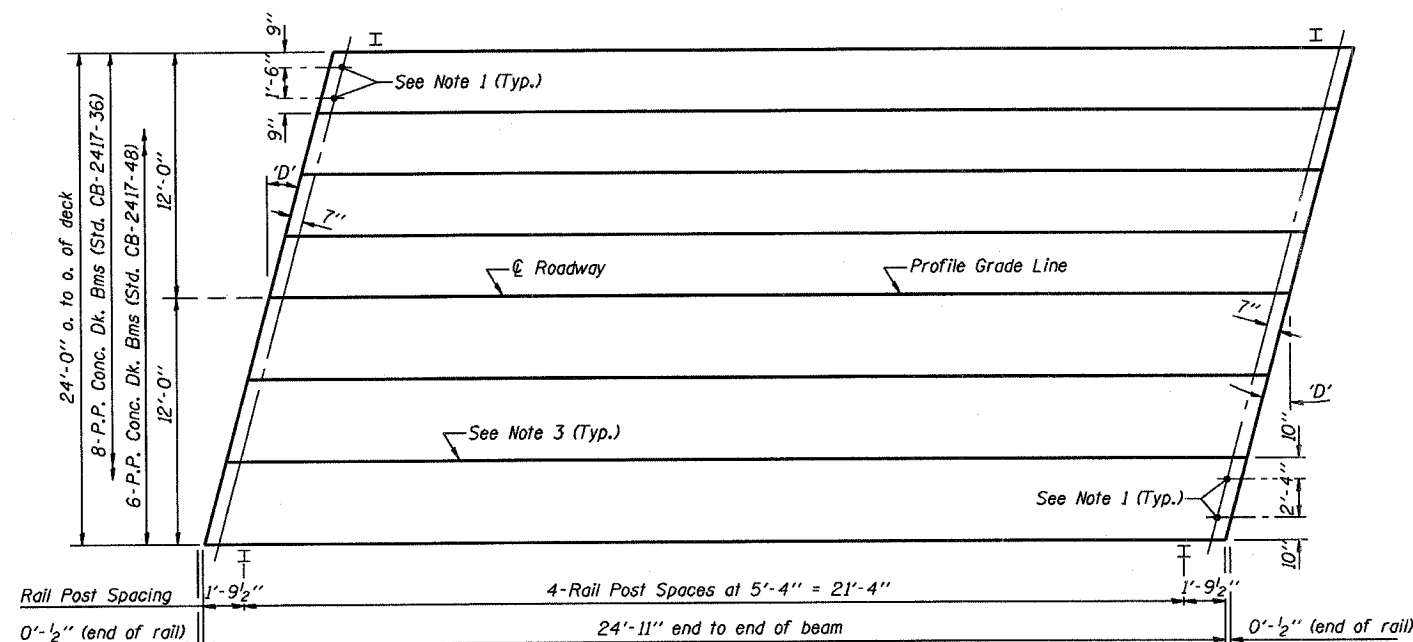
1/2" FABRIC BRG. PAD DETAILS



CROSS SECTION

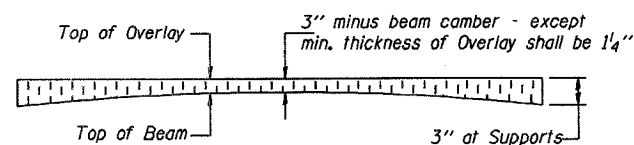


CROSS SECTION



PLAN

('D' = Designated Skew Angle)



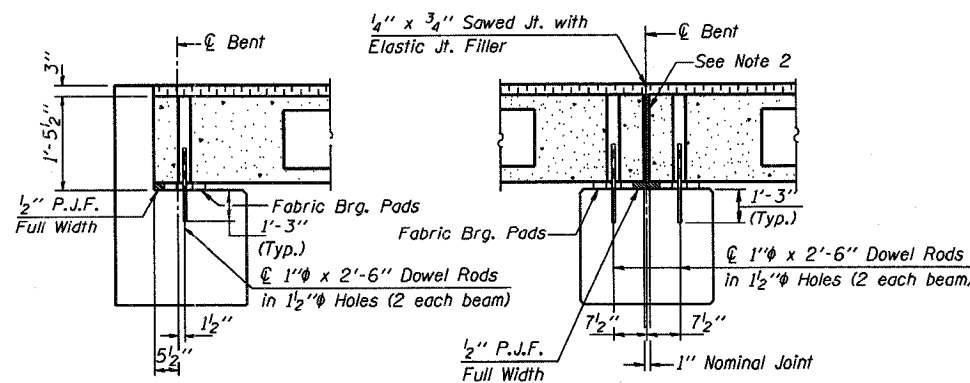
PROFILE OF OVERLAY

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 5/8"	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 centerline pier shall be filled with non-shrink grout.
- Longitudinal keys shall be grouted.



SECTION AT ABUTS.
(Along centerline Beams)

SECTION AT PIERS
(Along centerline Beams)

QUANTITIES FOR ONE SPAN

P.P. Conc. Dk. Bm. 17" Dp.	600 Sq. Ft.
Steel Railing	50 Ft.
Waterproofing Membrane System	66.7 Sq. Yds.
Portland Cement Mortar	175 Ft. 36"
Fairing Course	125 Ft. 48"

Note: Quantity of overlay for one span = 10.5 Tons

P.P.C. DECK BEAM
SUPERSTRUCTURE

24' RDWY.	17" BMS.	25' SPAN	LEFT
STANDARD CS-2417-25L			

Illinois Department of Transportation
PASSED APRIL 4, 2005
Theresa J. [Signature]
Engineer of Bridge Design
APPROVED APRIL 4, 2005
Ralph E. [Signature]
Engineer of Bridges and Structures