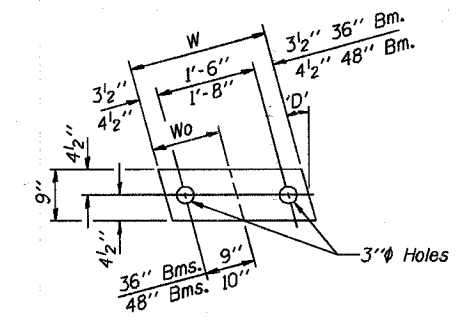
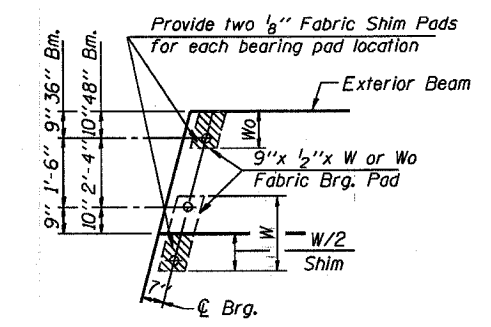
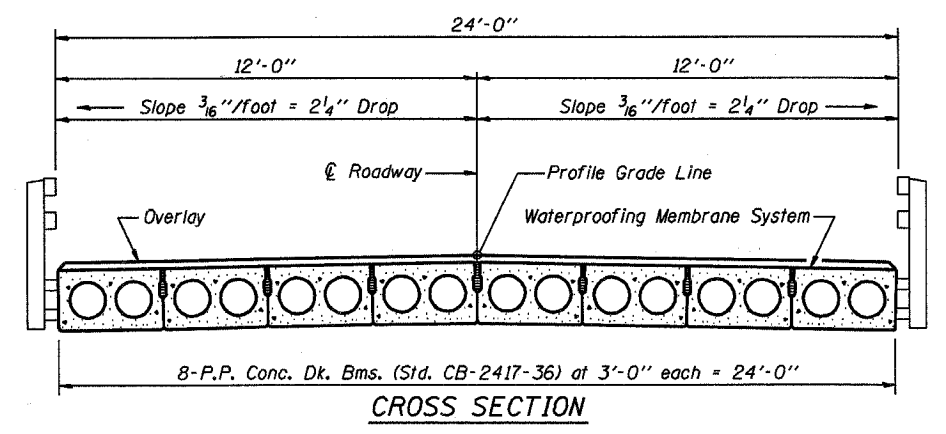


TYPICAL ELEVATIONS

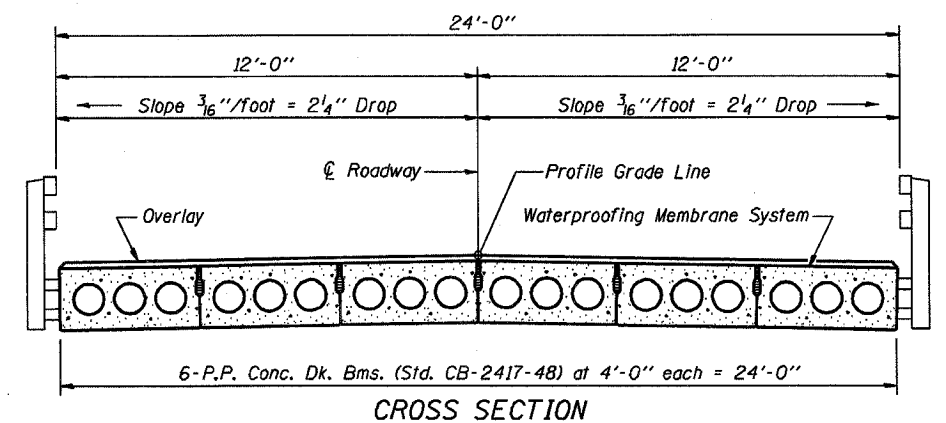


Beam	W	Wo
36"	2'-1"	1'-0 1/2"
48"	2'-5"	1'-2 1/2"

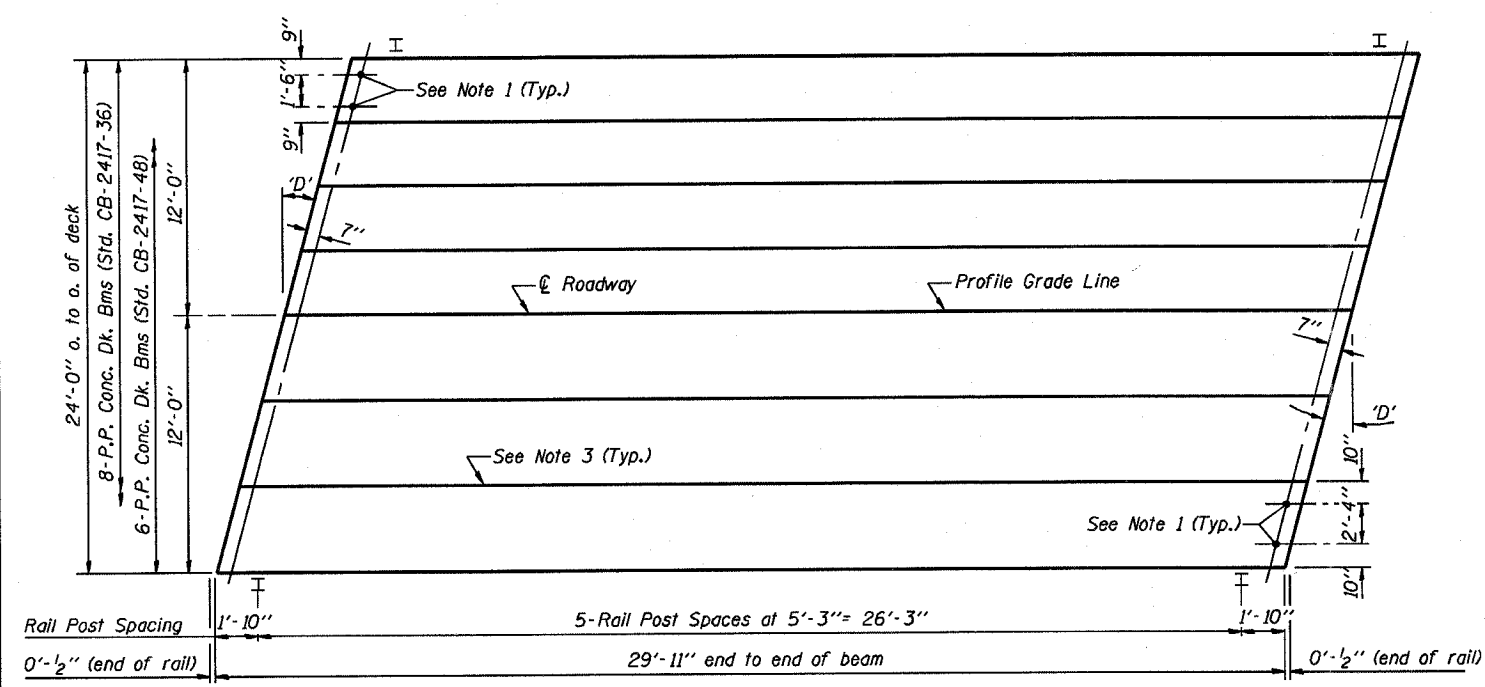
1/2" FABRIC BRG. PAD DETAILS



CROSS SECTION

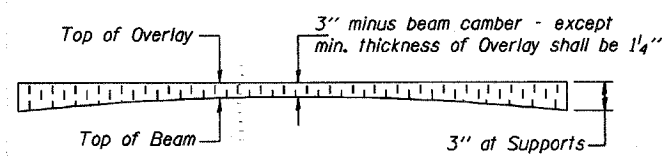


CROSS SECTION



PLAN

('D' = Designated Skew Angle)

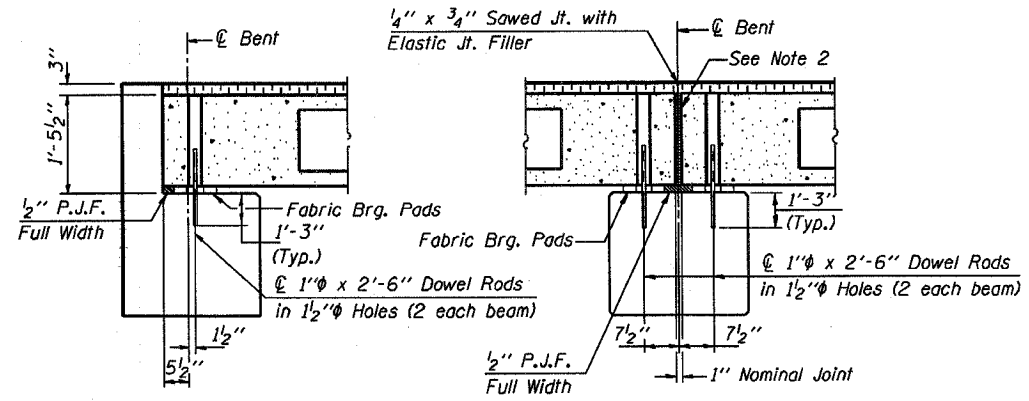


PROFILE OF OVERLAY

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.	720 Sq. Ft.
Steel Railing	60 Ft.
Waterproofing Membrane System	80.0 Sq. Yds.
Portland Cement Mortar	210 Ft.
Fairing Course	150 Ft.

Note: Quantity of overlay for one span = 12.0 Tons

P.P.C. DECK BEAM SUPERSTRUCTURE			
24' RDWY.	17" BMS.	30' SPAN	LEFT
STANDARD CS-2417-30L			

Illinois Department of Transportation  
 PASSED APRIL 4, 2005  
 Approved by: *Thomas J. ...*  
 Engineer of Bridge Design  
 APPROVED APRIL 4, 2005  
 Approved by: *Ralph E. ...*  
 Engineer of Bridges and Structures