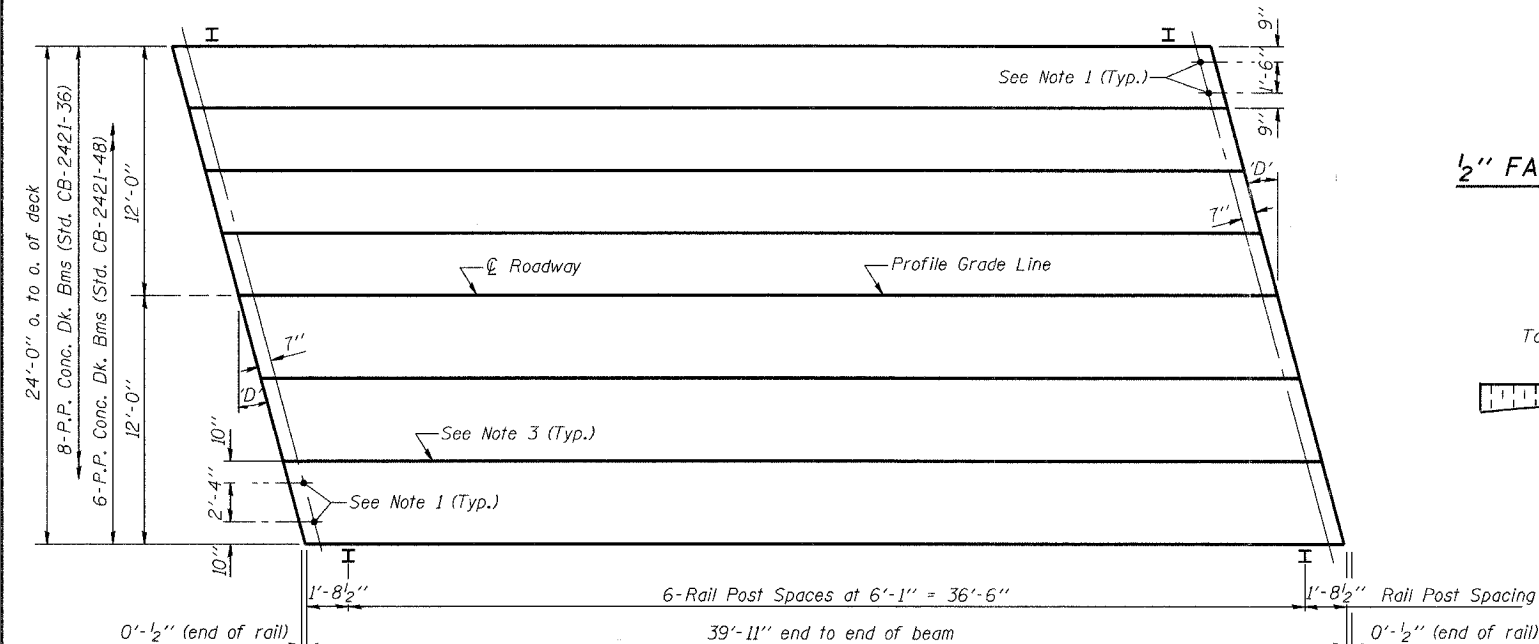


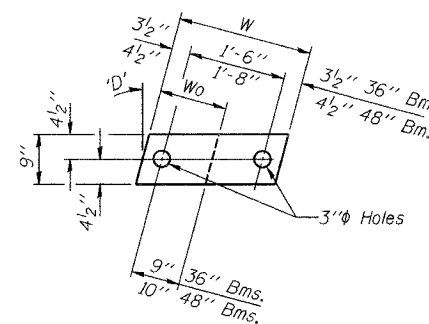
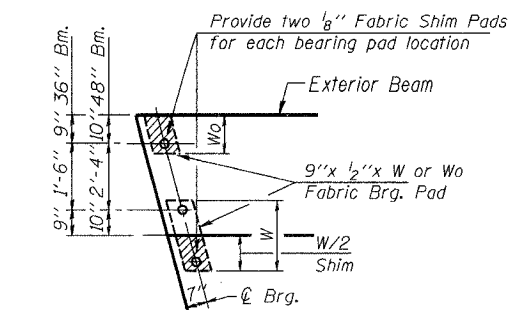
TYPICAL ELEVATIONS



PLAN  
('D' = Designated Skew Angle)

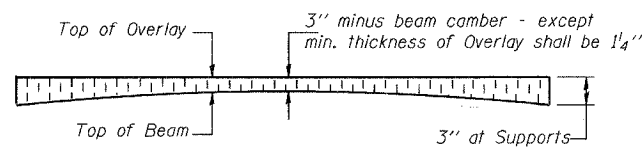
NOTES

1. 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.
2. Nominal 1" joint at centerline pier shall be filled with non-shrink grout.
3. Longitudinal keys shall be grouted.

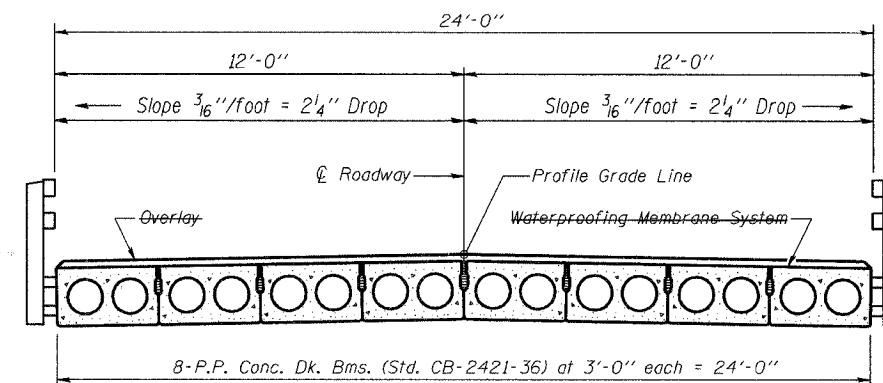


Beam	W	Wo
36"	2'-1"	1'-0 1/2"
48"	2'-5"	1'-2 1/2"

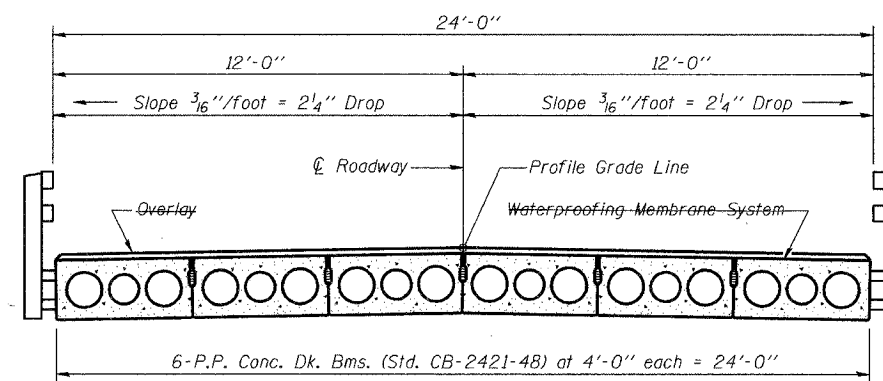
1/2" FABRIC BRG. PAD DETAILS



PROFILE OF OVERLAY



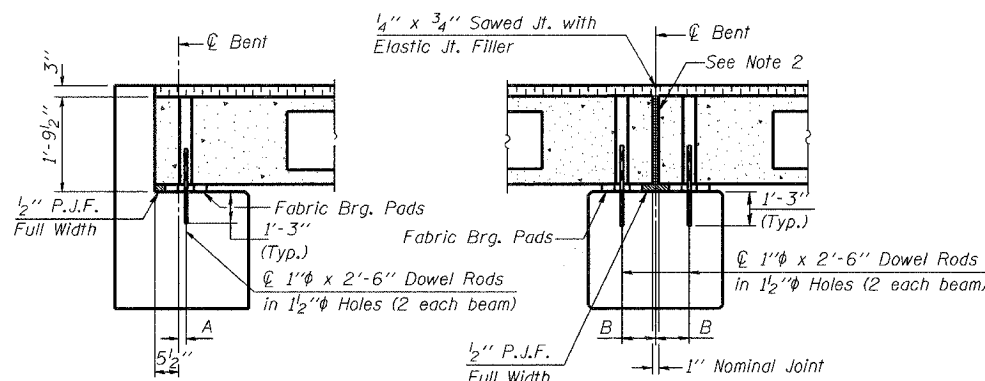
CROSS SECTION



CROSS SECTION

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"



SECTION AT ABUTS.  
(Along centerline Beams)

SECTION AT PIERS  
(Along centerline Beams)

QUANTITIES FOR ONE SPAN

P.P. Conc. Dk. Bm. 21" 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 = 15.3 Tons

P.P.C. DECK BEAM  
SUPERSTRUCTURE

24' RDWY.	21" BMS.	40' SPAN	RIGHT
STANDARD CS-2421-40R			

Illinois Department of Transportation

PASSED APRIL 4, 2005  
 Thomas J. Demagala  
 Engineer of Bridge Design

APPROVED APRIL 4, 2005  
 Ralph E. Beckman  
 Engineer of Bridges and Structures

ISSUED 1-1-98