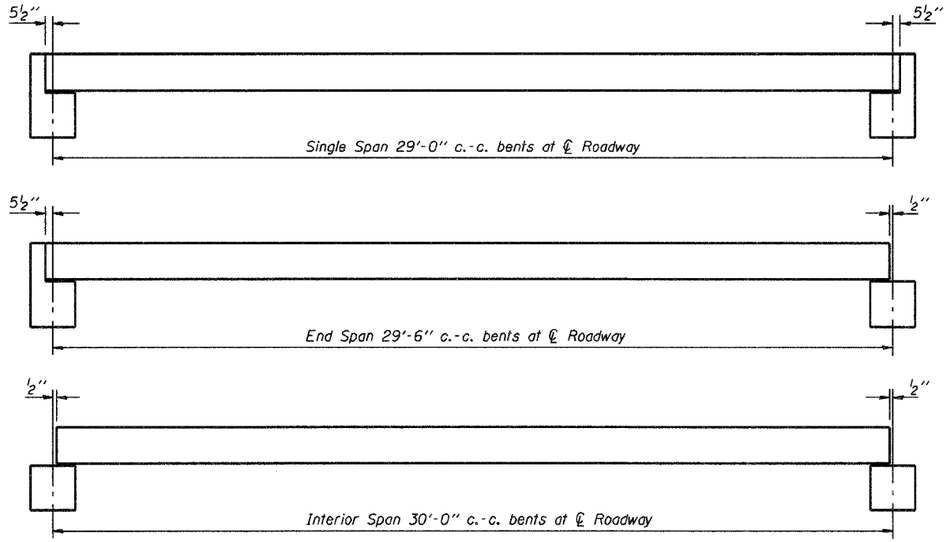
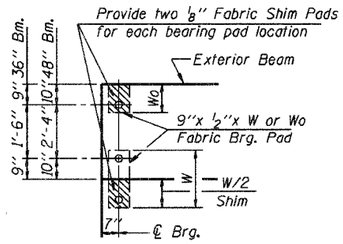
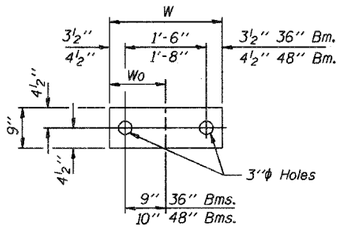


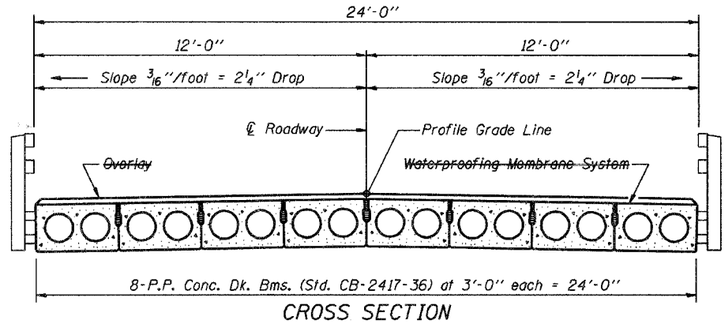
TYPICAL ELEVATIONS



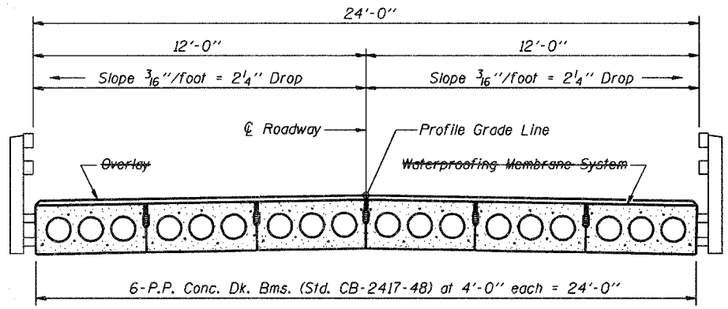


Beam	W	Wo
36"	2'-1"	1'-0½"
48"	2'-5"	1'-2½"

½" FABRIC BRG. PAD DETAILS



CROSS SECTION



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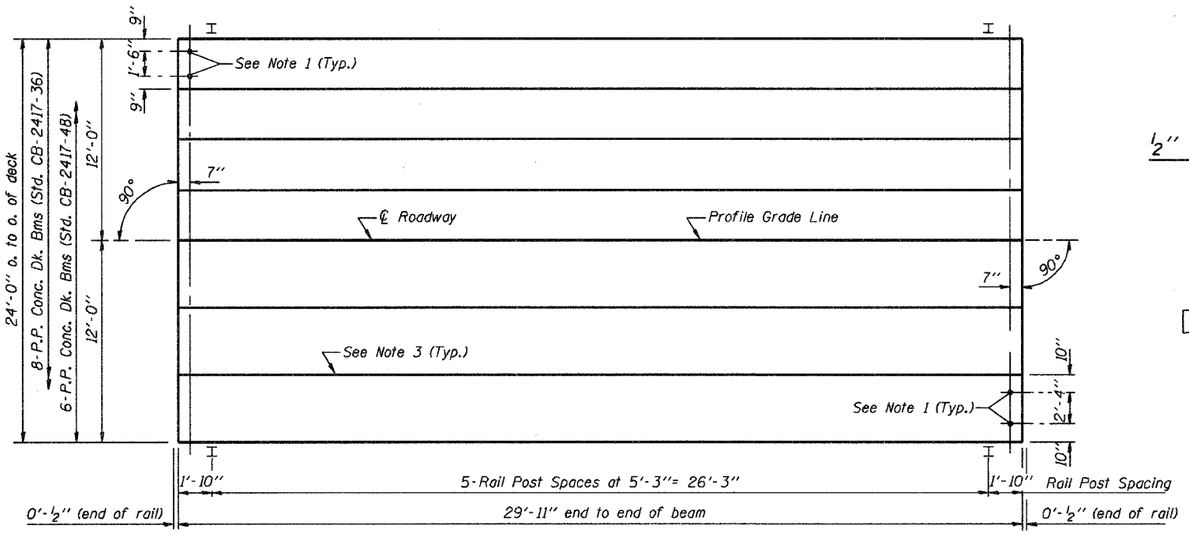
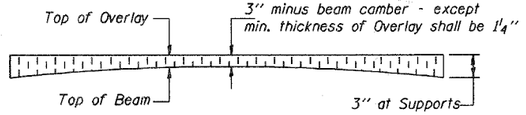
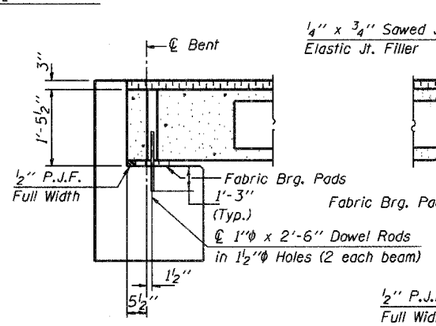


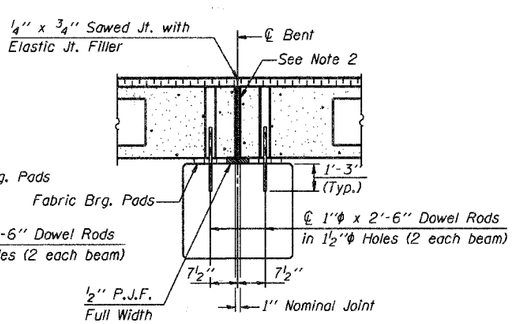
PLAN



PROFILE OF OVERLAY



SECTION AT ABUTS.
(Along ℄ Beams)



SECTION AT PIERS
(Along ℄ Beams)

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 ℄ Pier shall be filled with non-shrink grout.
3. Longitudinal keys shall be grouted.

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.~~	36"
~~Fairing Course~~	~~156 Ft.~~	48"

Note: Quantity of overlay for one span = 12.0 Tons

Illinois Department of Transportation

PASSED APRIL 4, 2005
Thomas J. Domagalski
Engineer of Bridge Design
APPROVED APRIL 4, 2005
Ralph E. Anderson
Engineer of Bridges and Structures

ISSUED 1-1-1981

P.P.C. DECK BEAM SUPERSTRUCTURE

24' RDWY.	17" BMS.	30' SPAN	0° SKEW

STANDARD CS-2417-30