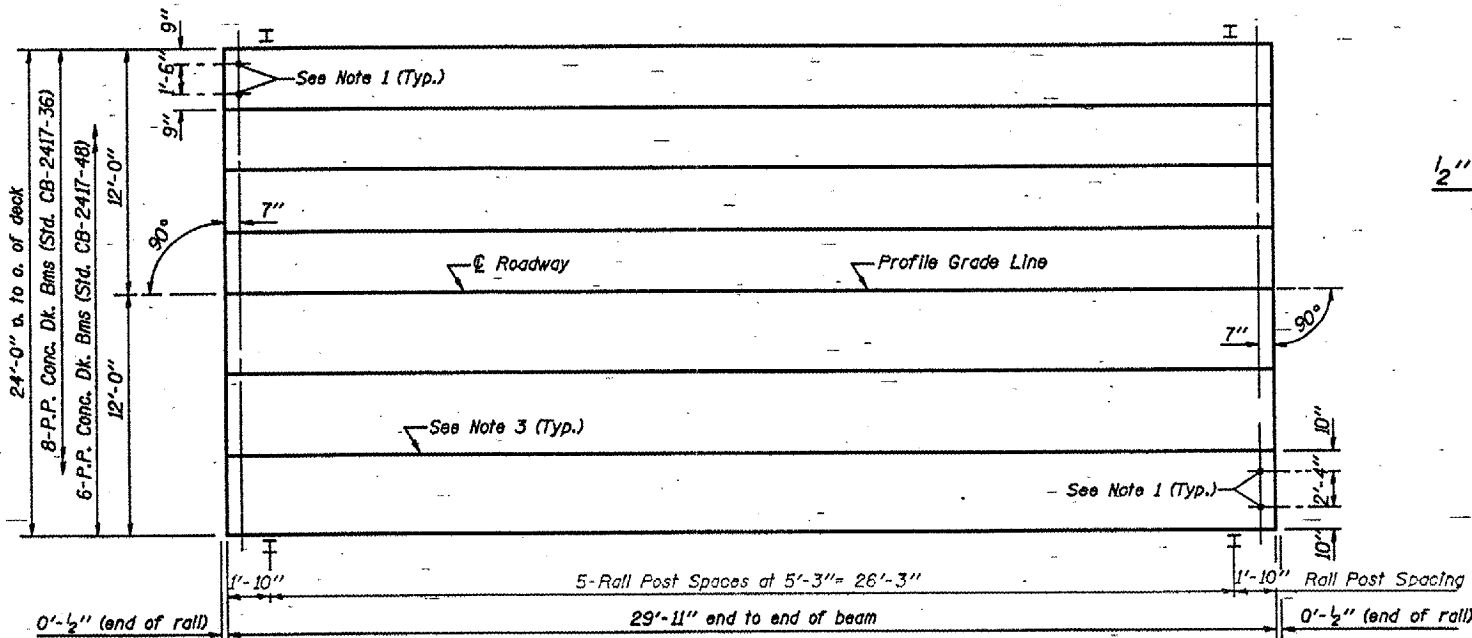
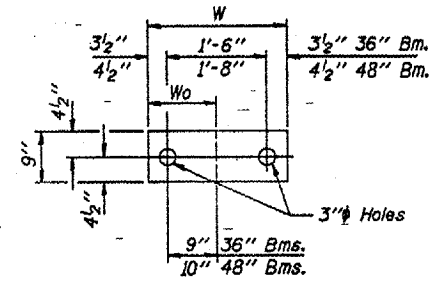
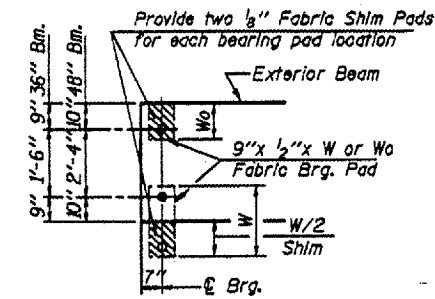


TYPICAL ELEVATIONS

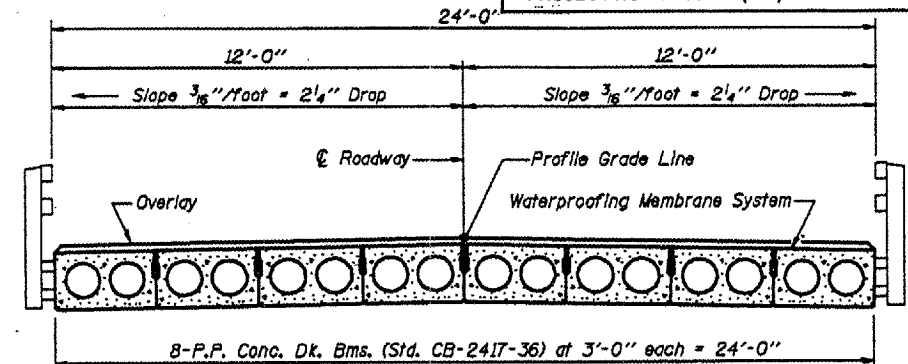


PLAN

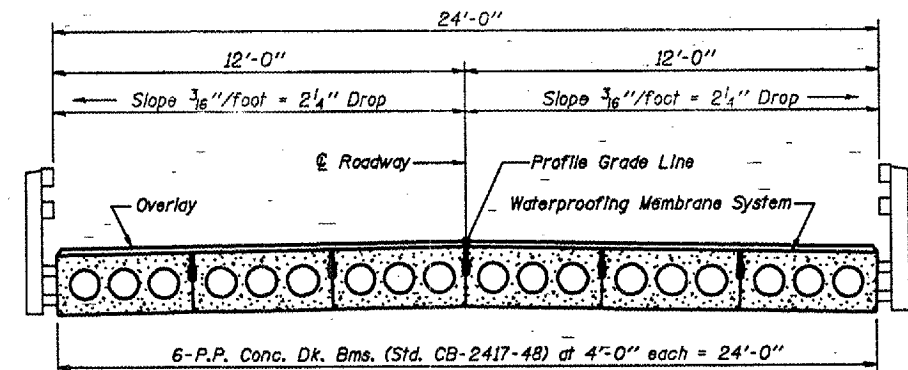


Beam	W	Wo
36"	2'-1"	1'-0 1/2"
48"	2'-5"	1'-2 1/2"

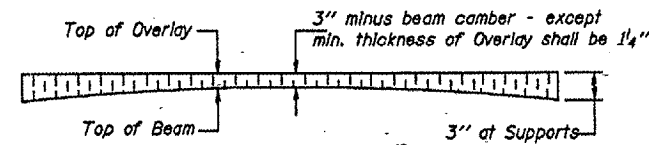
1/2" FABRIC BRG. PAD DETAILS



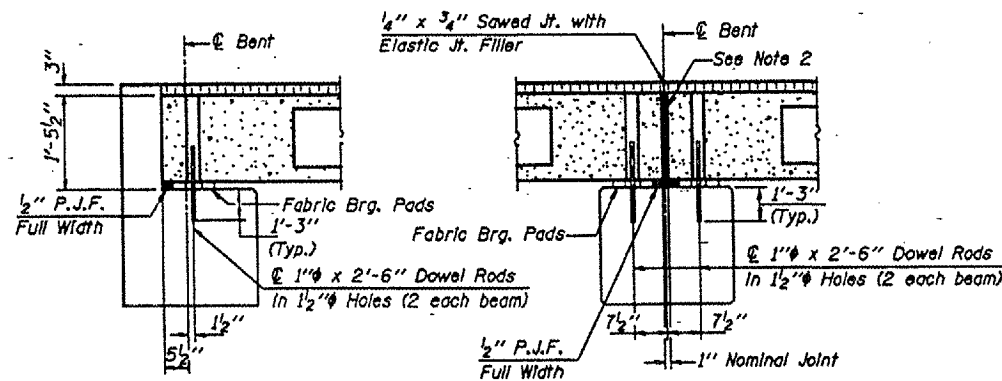
CROSS SECTION



CROSS SECTION



PROFILE OF OVERLAY



SECTION AT ABUTS.  
(Along centerline Beams)

SECTION AT PIERS  
(Along centerline Beams)

- 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.

**QUANTITIES FOR ONE SPAN**

P.P. Conc. Dk. Bm. 17" Dp.	720 Sq. Ft.	
Steel Rolling	60 Ft.	
Waterproofing Membrane System	80.0 Sq. Yds.	
Portland Cement Mortar	210 Ft.	36"
Fairing Course	150 Ft.	48"

Note: Quantity of overlay for one span = 12.0 Tons

**P.P.C. DECK BEAM  
SUPERSTRUCTURE**

24' RDWY.	17" BMS.	30' SPAN	0° SKEW
STANDARD CS-2417-30			

Illinois Department of Transportation

PASSED APRIL 4, 2005

Thomas J. Nemanick  
Engineer of Bridge Design

APPROVED APRIL 4, 2005

Ralph E. Anderson  
Engineer of Bridges and Structures