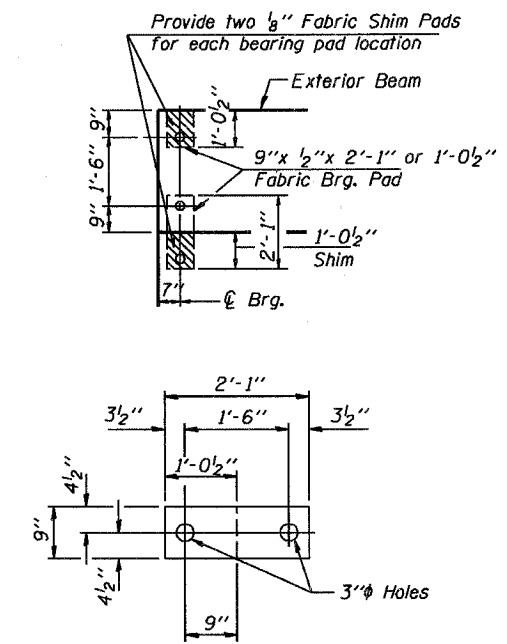
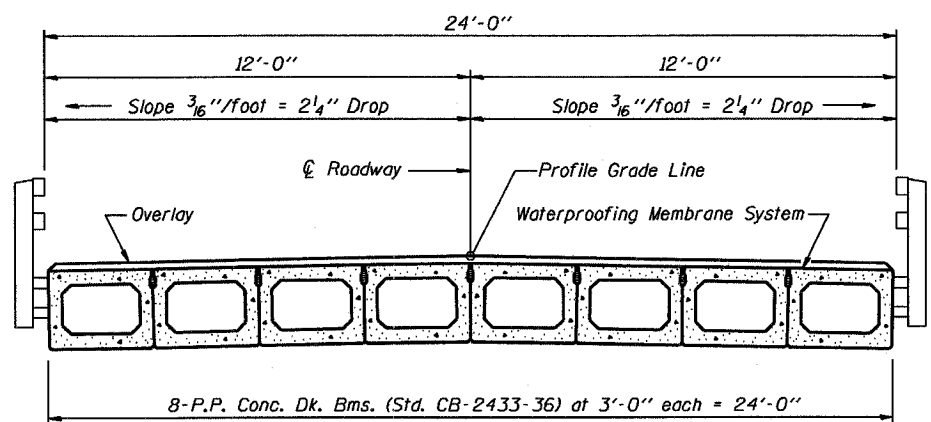


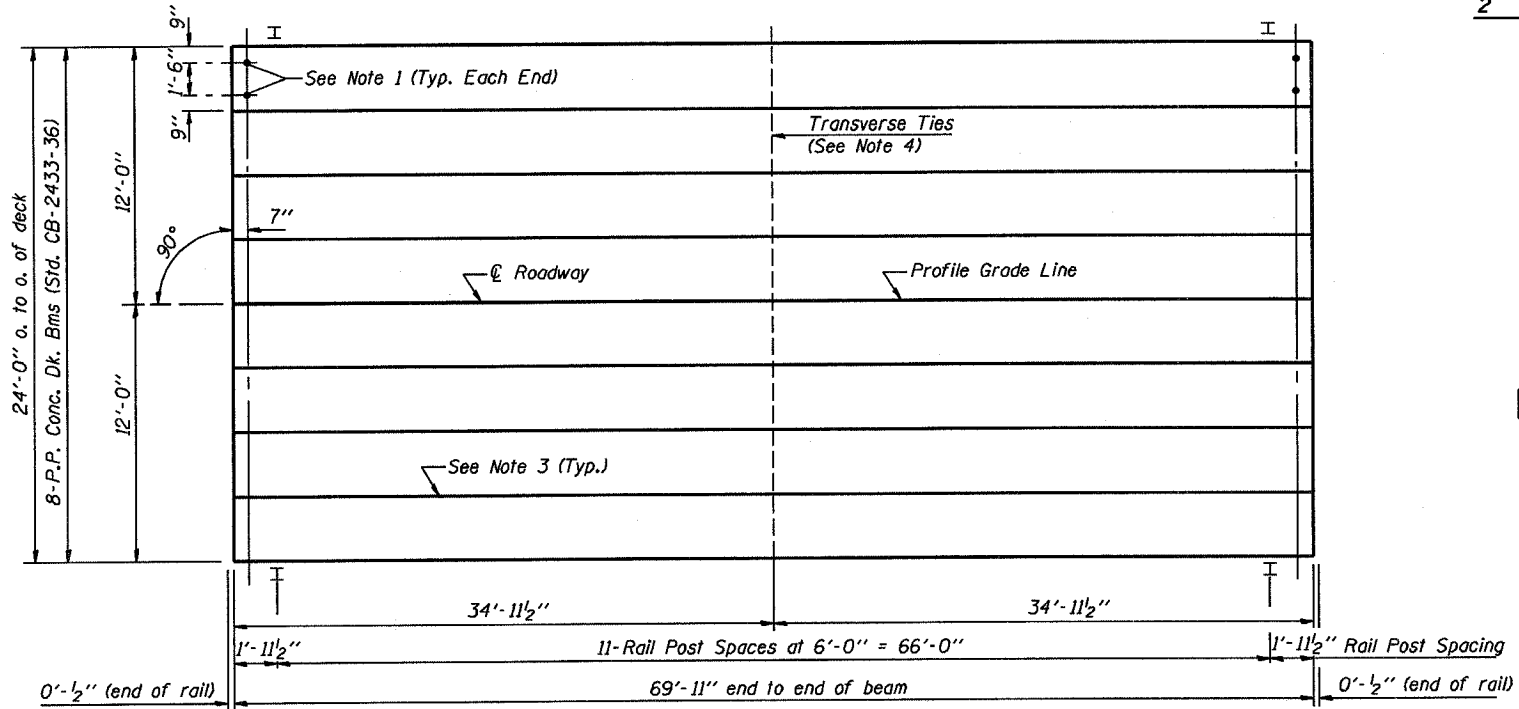
TYPICAL ELEVATIONS



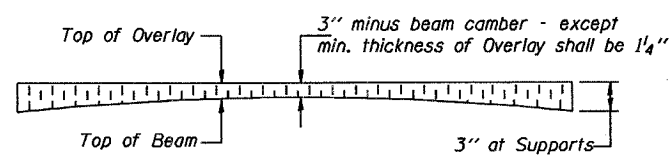
1/2" FABRIC BRG. PAD DETAILS



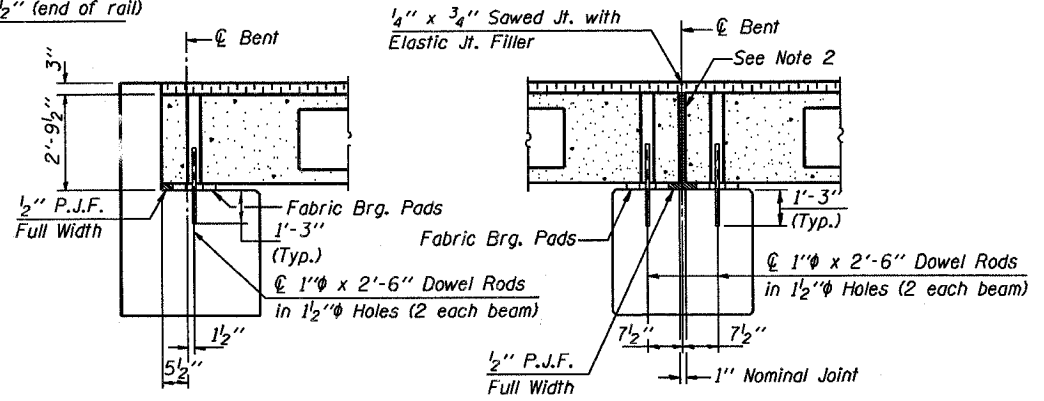
CROSS SECTION



PLAN



PROFILE OF OVERLAY



SECTION AT ABUTS.
(Along centerline of Beams)

SECTION AT PIERS
(Along centerline of 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 centerline of Pier shall be filled with non-shrink grout.
3. Longitudinal keys shall be grouted.
4. The 1" rods in the transverse tie assembly shall be tightened to a snug fit and the threads set. Pockets that receive transverse tie bar outside shall be filled with grout after transverse tie assembly is in place.

QUANTITIES FOR ONE SPAN

P.P. Conc. Dk. Bm. 33" Dp.	1680 Sq. Ft.
Steel Railing	140 Ft.
Waterproofing Membrane System	186.7 Sq. Yds.
Portland Cement Mortar	
Fairing Course	490 Ft.

Note: Quantity of overlay for one span = 21.3 Tons

P.P.C. DECK BEAM SUPERSTRUCTURE			
24' RDWY.	33" BMS.	70' SPAN	0° SKEW
STANDARD CS-2433-70			

Illinois Department of Transportation
 PASSED APRIL 4, 2005
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 APPROVED APRIL 4, 2005
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 Engineer of Bridges and Structures