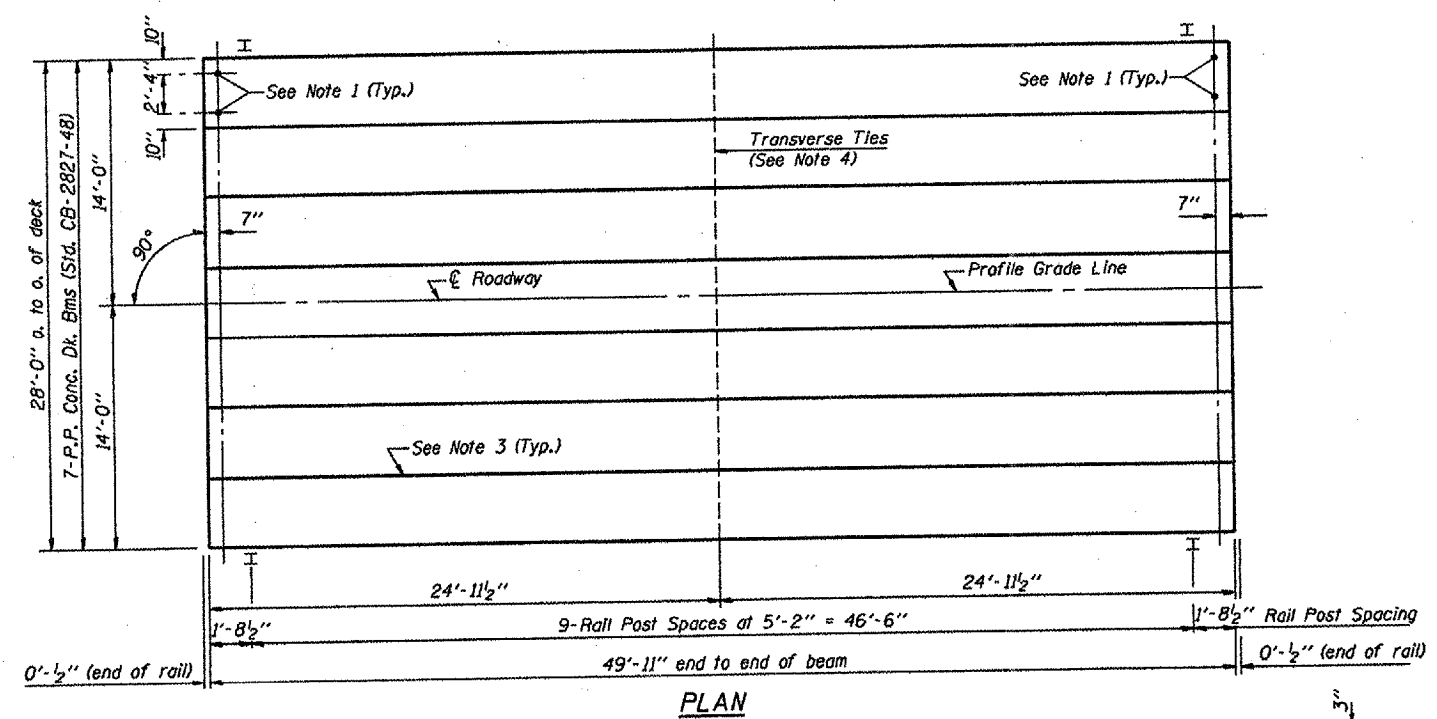
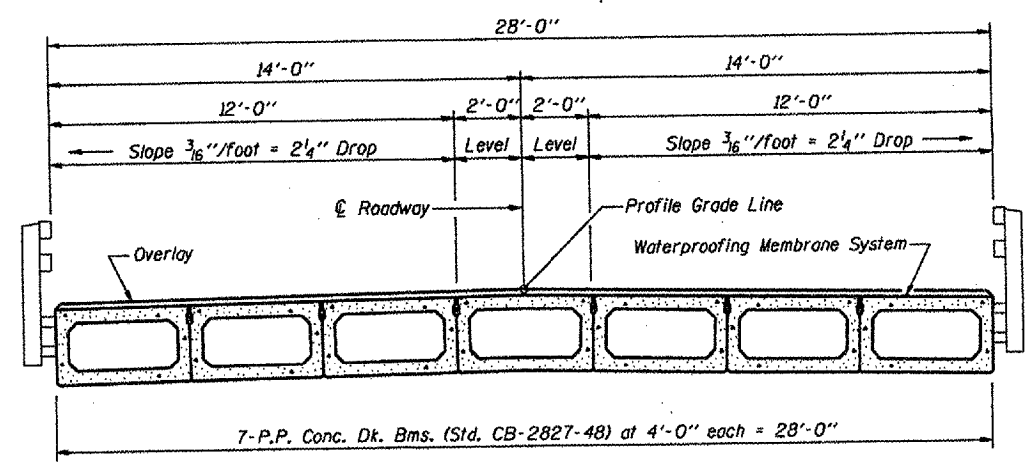


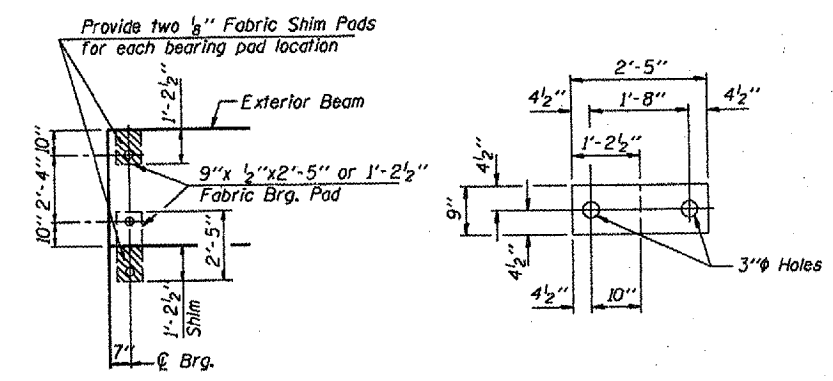
TYPICAL ELEVATIONS



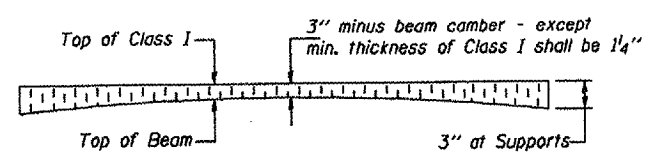
PLAN



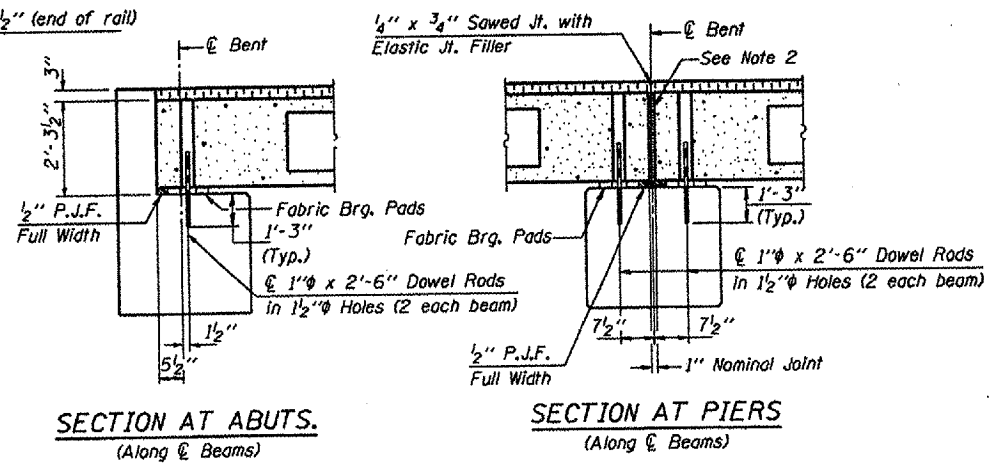
CROSS SECTION



1/2" FABRIC BRG. PAD DETAILS



PROFILE OF OVERLAY



SECTION AT ABUTS.  
(Along <math>\text{\textcircled{C}}</math> Beams)

SECTION AT PIERS  
(Along <math>\text{\textcircled{C}}</math> 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 <math>\text{\textcircled{C}}</math> Pier shall be filled with non-shrink grout.
3. Longitudinal keys shall be grouted.
4. The 1"  $\phi$  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. 17" Dp.	1400 Sq. Ft.
Steel Railing	100 Ft.
Waterproofing Membrane System	155.6 Sq. Yds.
Portland Cement Mortar Fairing Course	300 Ft.

Note: Quantity of overlay for one span = 21.9 Tons

Illinois Department of Transportation  
 PASSED APRIL 4, 2005  
 Thomas J. Nemaska  
 Engineer of Bridge Design  
 APPROVED APRIL 4, 2005  
 Ralph E. Anderson  
 Engineer of Bridges and Structures

P.P.C. DECK BEAM  
 SUPERSTRUCTURE  
 28' RDWY. 27" BMS. 50' SPAN 0° SKEW  
 STANDARD CS-2827-50