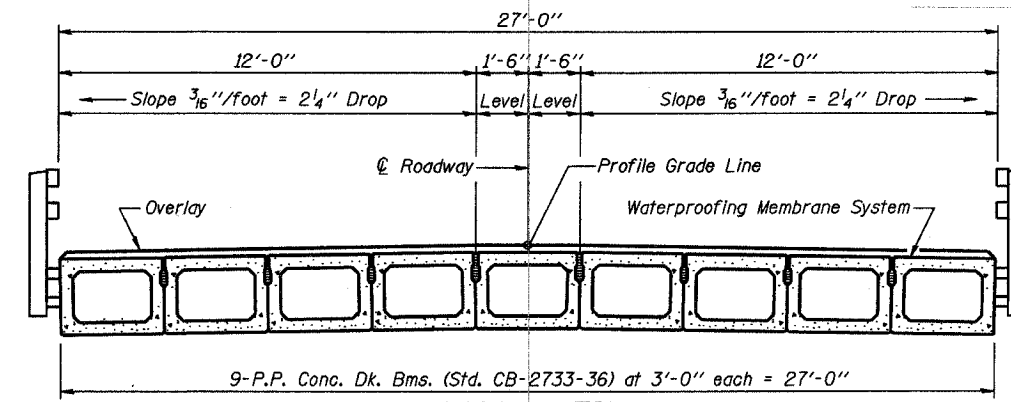
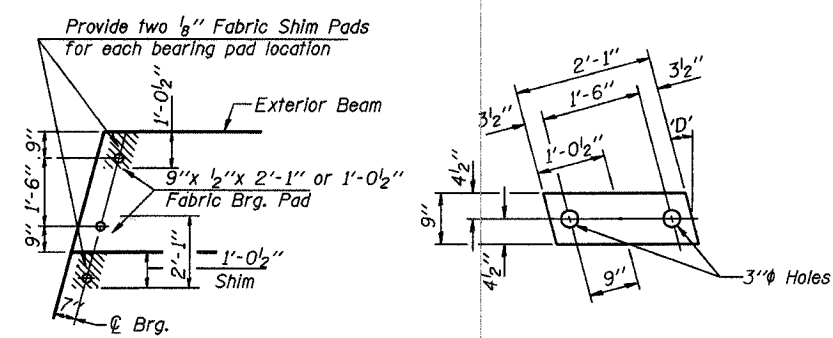


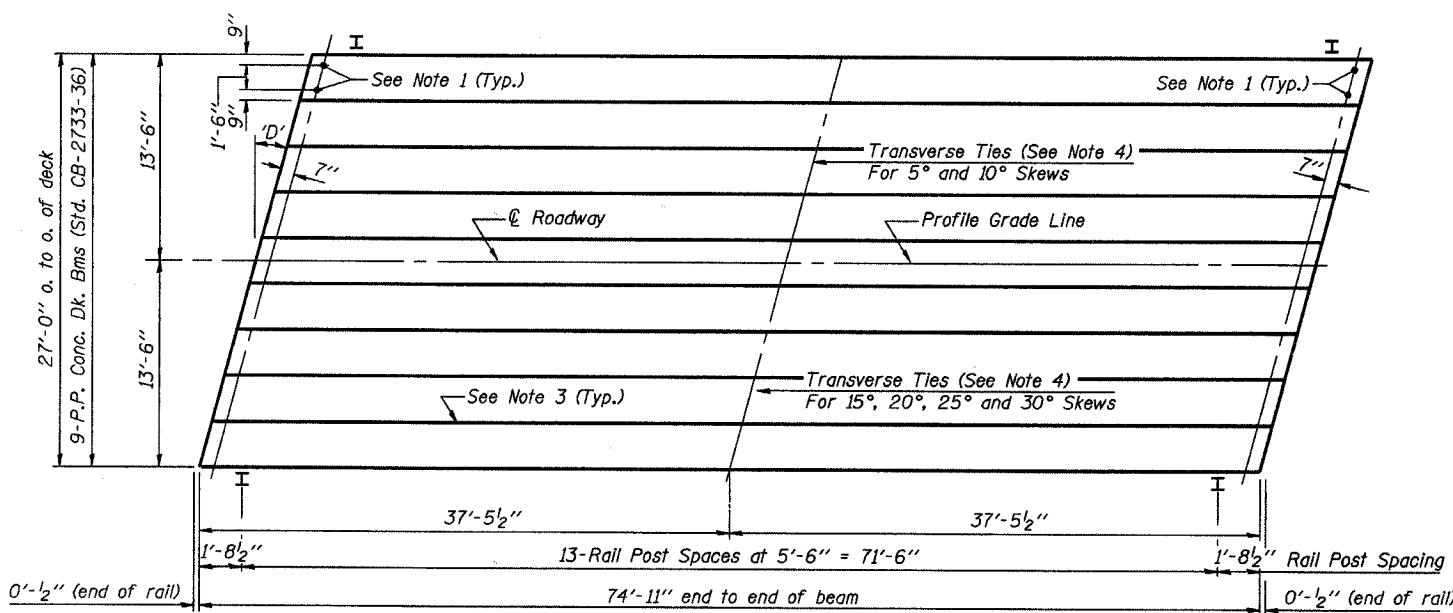
TYPICAL ELEVATIONS



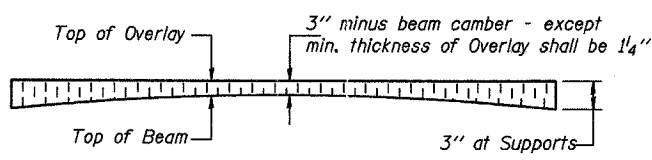
CROSS SECTION



1/2" FABRIC BRG. PAD DETAILS



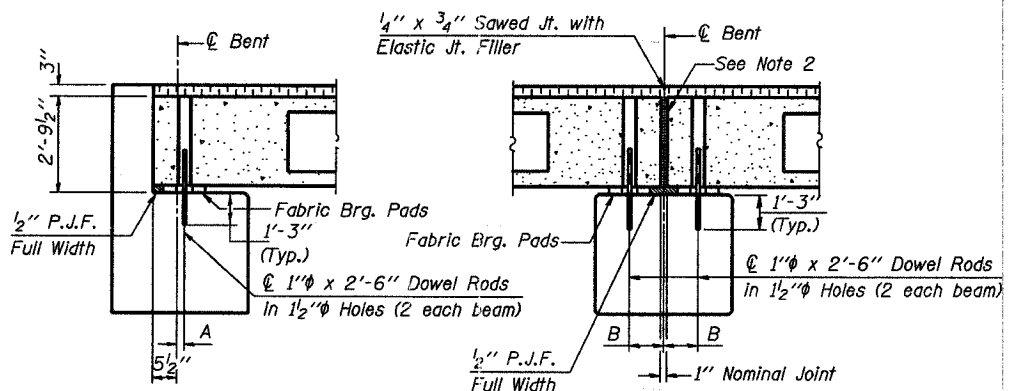
PLAN  
(D' = Designated Skew Angle)



PROFILE OF OVERLAY

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 <math>\text{C}</math> Beams)

SECTION AT PIERS  
(Along <math>\text{C}</math> 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 <math>\text{C}</math> Pier shall be filled with non-shrink grout.
  - Longitudinal keys shall be grouted.
  - 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. 33" Dp.	2025 Sq. Ft.
Steel Railing	150 Ft.
Waterproofing Membrane System	225.0 Sq. Yds.
Portland Cement Mortar Fining Course	600 Ft.

Note: Quantity of overlay for one span = 26.4 Tons

<b>P.P.C. DECK BEAM SUPERSTRUCTURE</b>			
27' RDWY.	33' BMS.	75' SPAN	LEFT
STANDARD CS-2733-75L			

Illinois Department of Transportation

PASSED APRIL 4, 2005  
 (Signature)  
 Engineer of Bridge Design

APPROVED APRIL 4, 2005  
 (Signature)  
 Engineer of Bridges and Structures