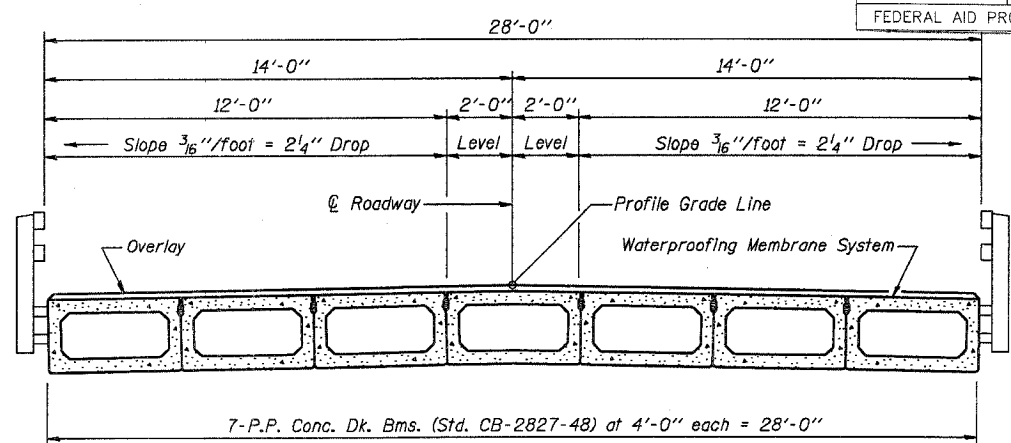
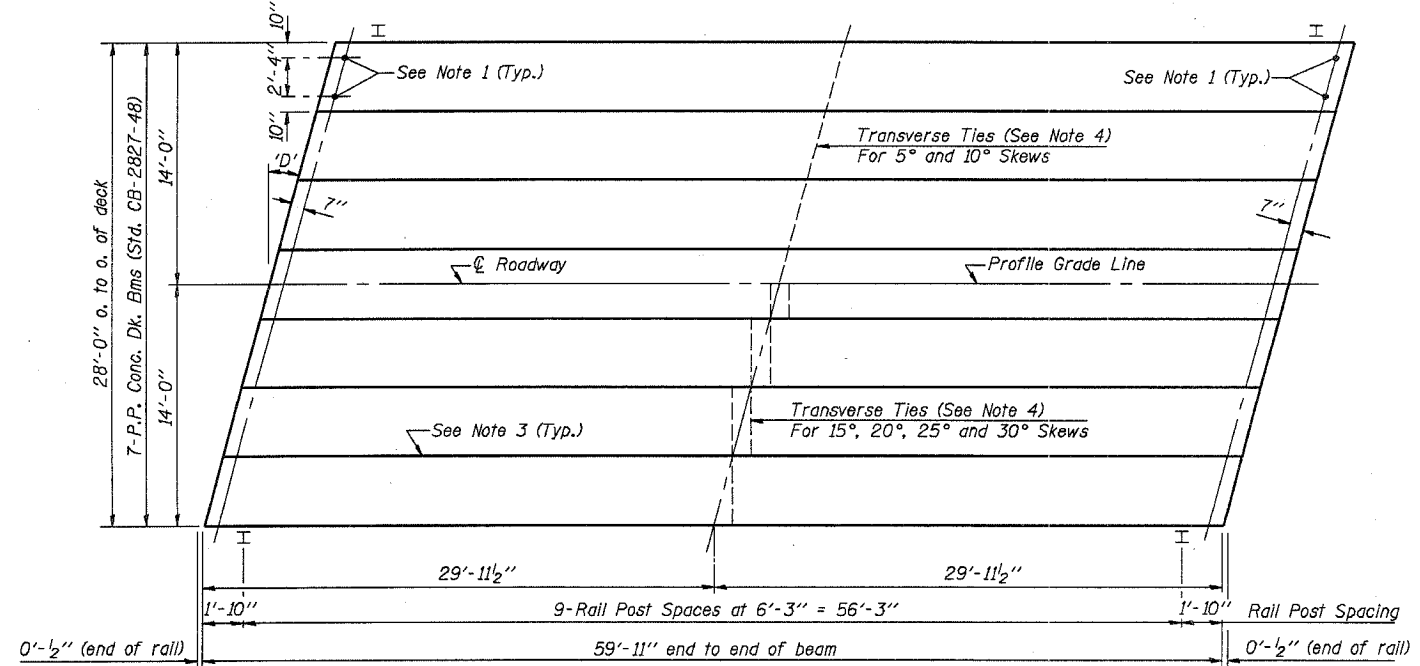


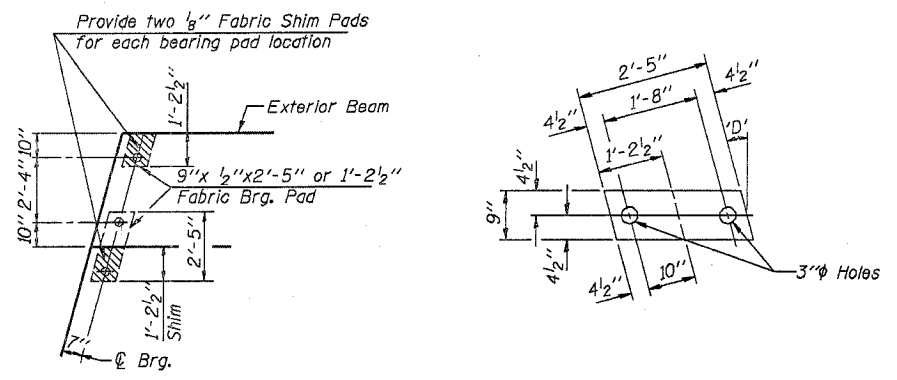
TYPICAL ELEVATIONS



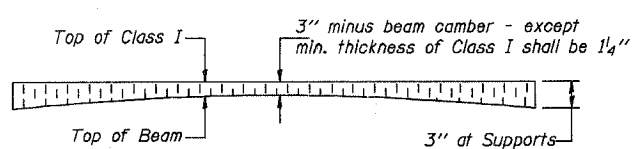
CROSS SECTION



PLAN  
(D' = Designated Skew Angle)



1/2" FABRIC BRG. PAD DETAILS

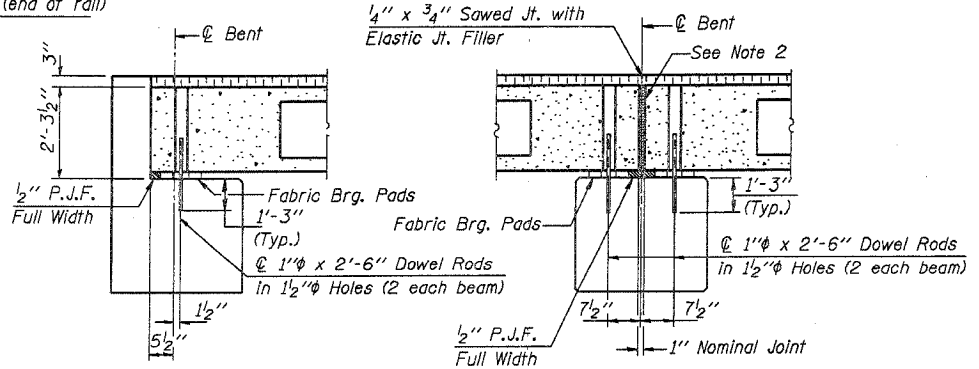


PROFILE OF OVERLAY

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"

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



SECTION AT ABUTS.  
(Along Center Beams)

SECTION AT PIERS  
(Along Center Beams)

QUANTITIES FOR ONE SPAN

P.P. Conc. Dk. Bm. 27" Dp.	1680 Sq. Ft.
Steel Railing	120 Ft.
Waterproofing Membrane System	186.7 Sq. Yds.
Portland Cement Mortar	
Fairing Course	360 Ft.

Note: Quantity of overlay for one span = 21.9 Tons

<b>P.P.C. DECK BEAM SUPERSTRUCTURE</b>			
28' RDWY.	27' BMS.	60' SPAN	LEFT
STANDARD CS-2827-60L			

Illinois Department of Transportation

PASSED APRIL 4, 2005

Thomas S. [Signature]

Engineer of Bridge Design

APPROVED APRIL 4, 2005

Ralph E. [Signature]

Engineer of Bridges and Structures