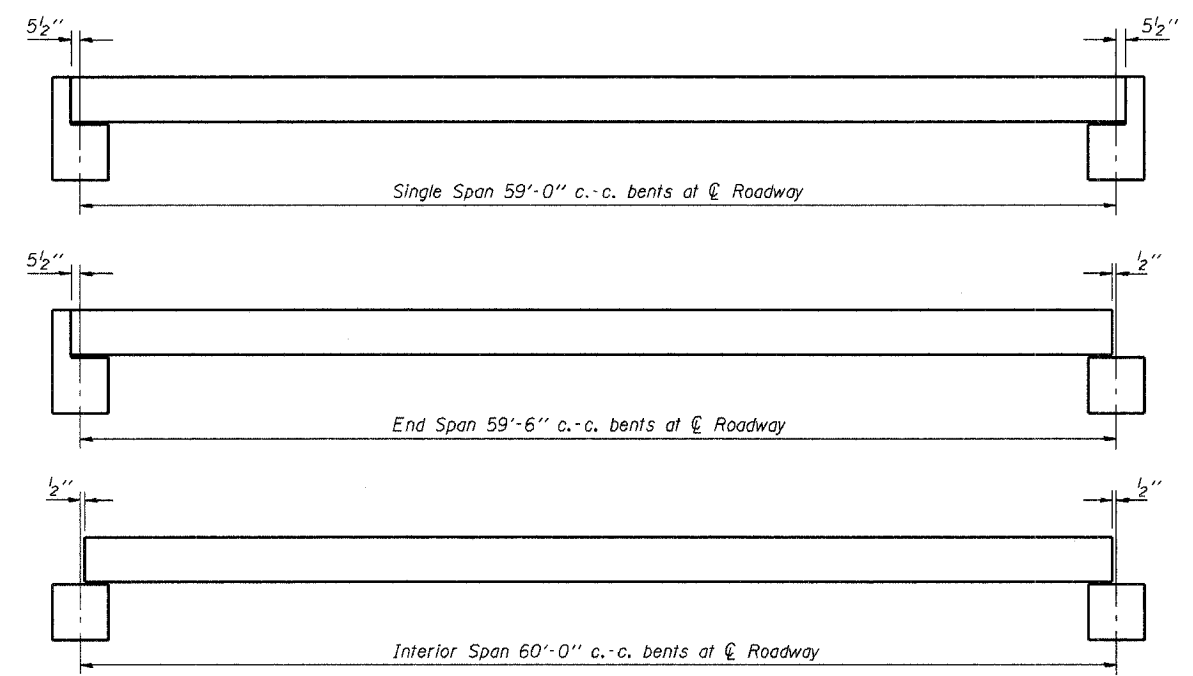
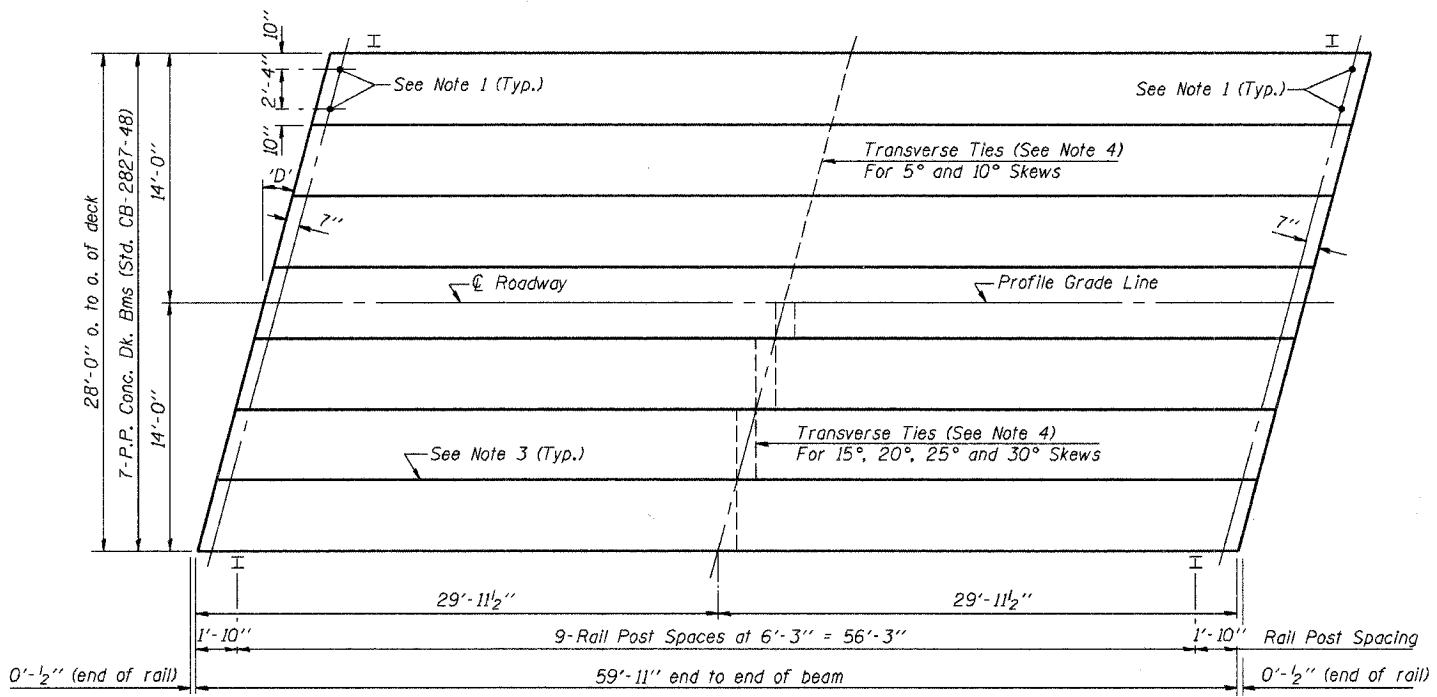


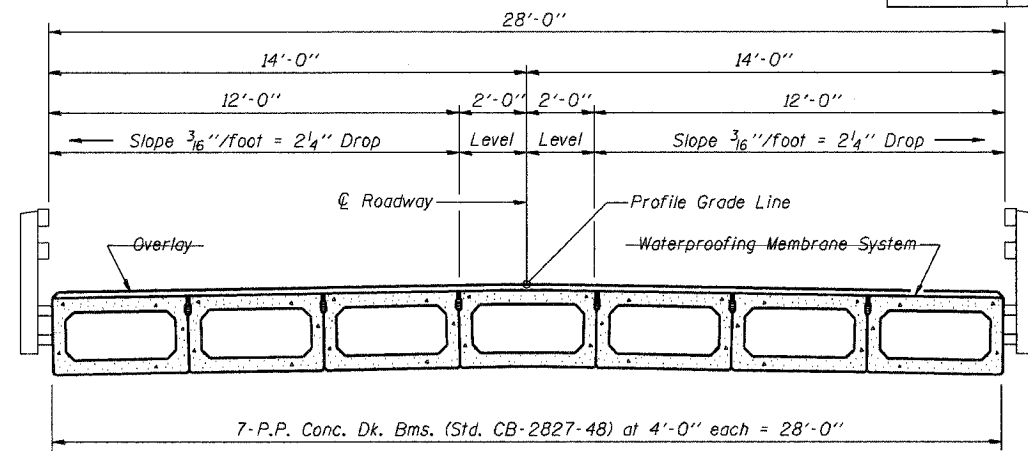
F.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
05-09122-00-88	CRAWFORD	9	2	2
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		



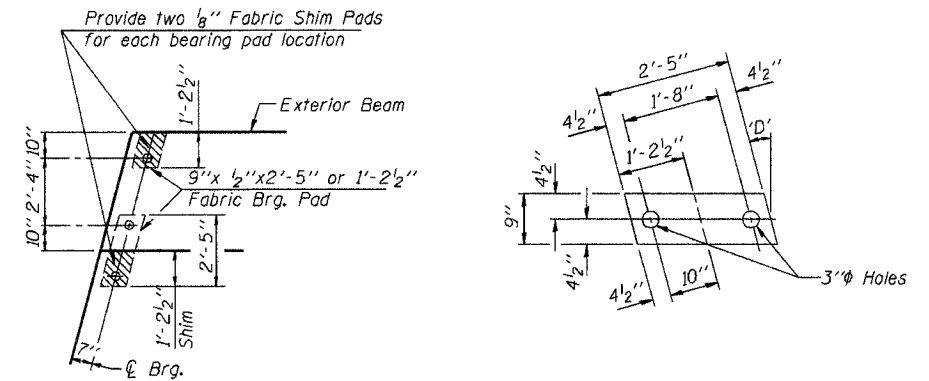
TYPICAL ELEVATIONS



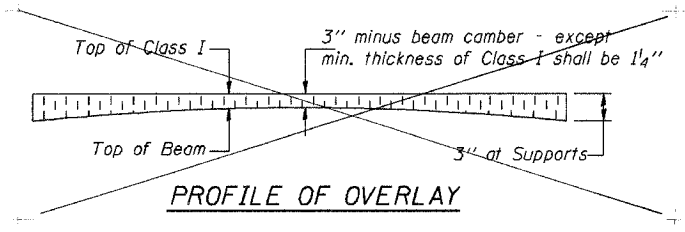
PLAN
(D' = Designated Skew Angle)



CROSS SECTION



1/2" FABRIC BRG. PAD DETAILS

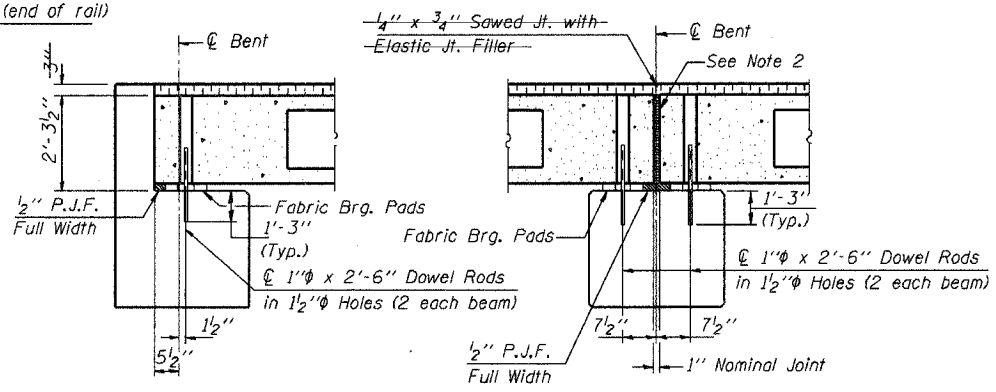


PROFILE OF OVERLAY

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 \bar{C} Pier shall be filled with non-shrink grout.
 - Longitudinal keys shall be grouted, WITH NON-SHRINK GROUT
 - The 1" ϕ 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 \bar{C} Beams)

SECTION AT PIERS
(Along \bar{C} 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	360 Ft.
Fairing Course	

Note: Quantity of overlay for one span = 21.9 Tons

P.P.C. DECK BEAM SUPERSTRUCTURE			
28' RDWY.	27" BMS.	60' SPAN	LEFT
STANDARD CS-2827-60L			

Illinois Department of Transportation

PASSED APRIL 4, 2005

Thomas S. Nimgalek
Engineer of Bridge Design

APPROVED APRIL 4, 2005

Ralph E. Anderson
Engineer of Bridges and Structures