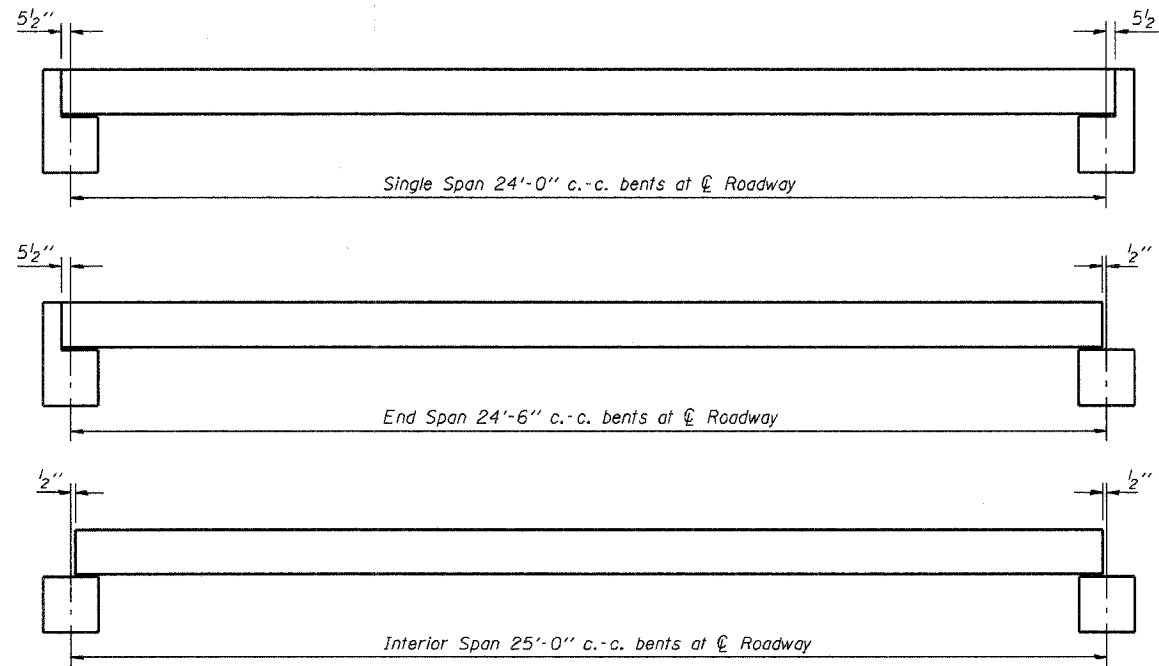
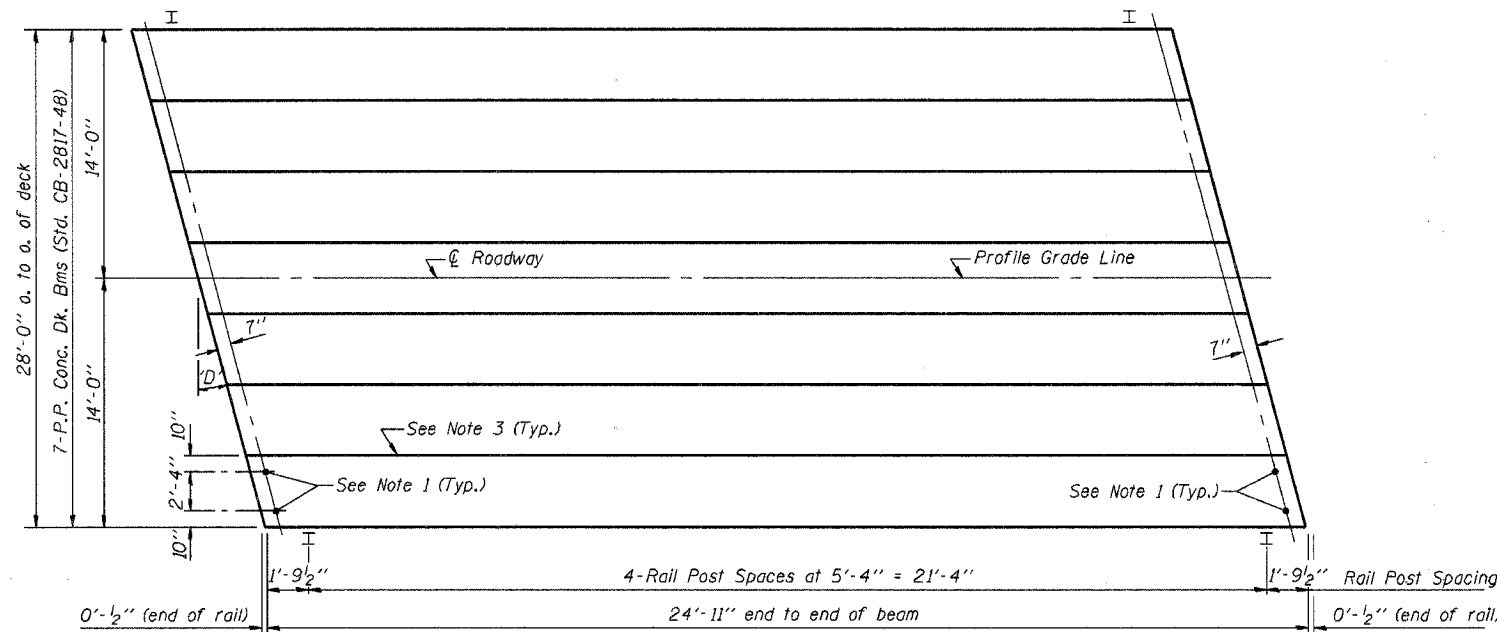


F.A.S. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET
	05-05122-00-BR	LAWRENCE	11	5
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		



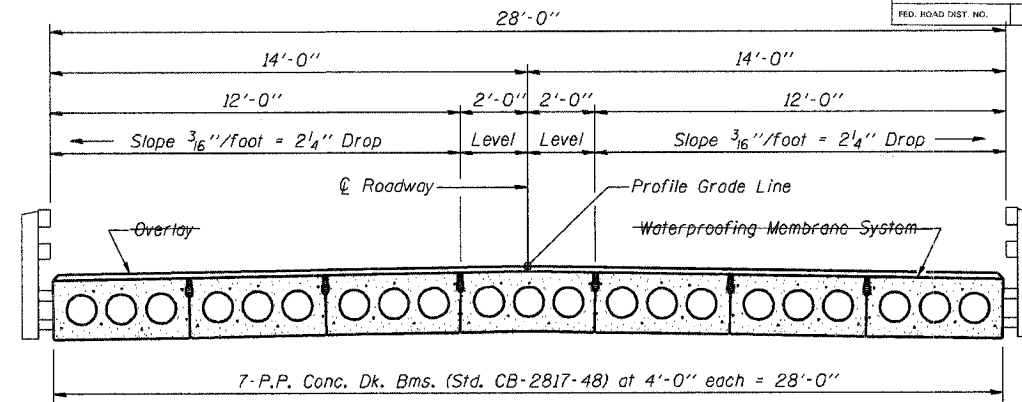
TYPICAL ELEVATIONS



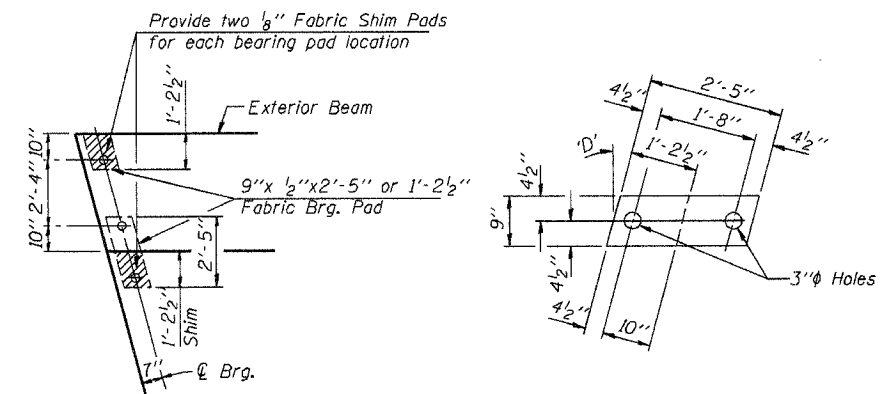
PLAN
(D' = Designated Skew Angle)

NOTES

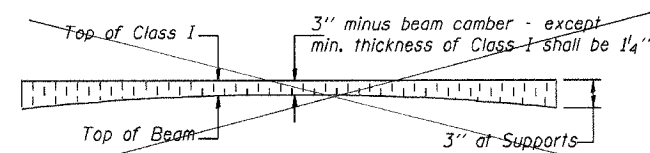
1. After beams have been erected, holes shall be drilled into substructure and anchor dowels placed. Dowel holes shall be filled with non-shrink grout to top of beam and allowed to cure min. 24 hrs. prior to grouting the shear keys.
2. Nominal 1" joint at centerline Pier shall be filled with non-shrink grout.
3. Longitudinal keys shall be grouted with non-shrink grout.



CROSS SECTION



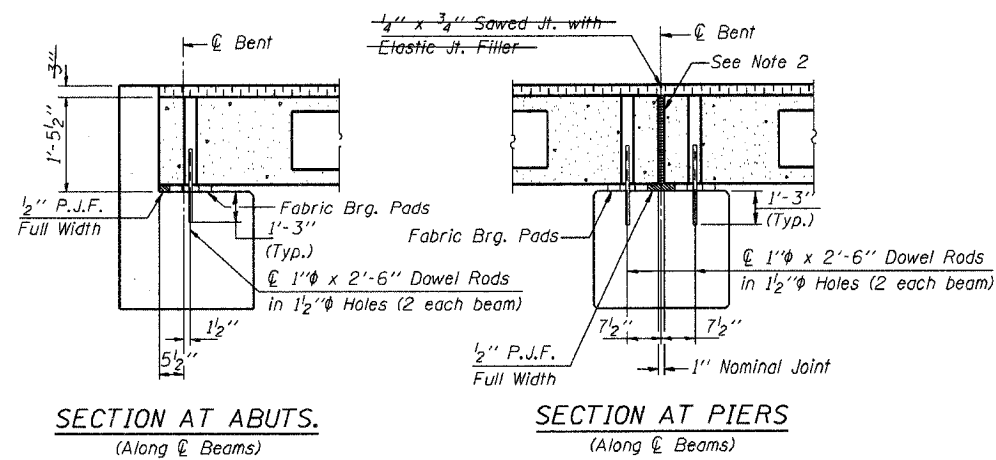
1/2" FABRIC BRG. PAD DETAILS



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"



SECTION AT ABUTS.
(Along centerline Beams)

SECTION AT PIERS
(Along centerline Beams)

QUANTITIES FOR ONE SPAN

P.P. Conc. Dk. Bm. 17" Dp.	700 Sq. Ft.
Steel Railing	50 Ft.
Waterproofing Membrane System	77.8 Sq. Yds.
Portland Cement Mortar	
Fairing Course	150 Ft.

Note: Quantity of overlay for one span = 12.8 Tons

P.P.C. DECK BEAM
SUPERSTRUCTURE

28' RDWY.	17" BMS.	25' SPAN	RIGHT
STANDARD CS-2817-25R			

Illinois Department of Transportation

PASSED APRIL 4, 2005
 Thomas S. Romagosa
 Engineer of Bridge Design

APPROVED APRIL 4, 2005
 Ralph E. Chubb
 Engineer of Bridges and Structures

1861-1-1 03/05/05