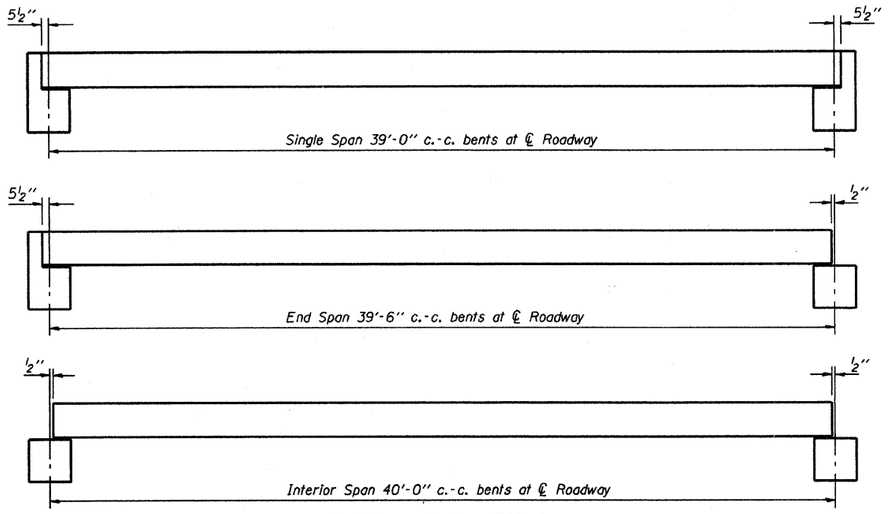
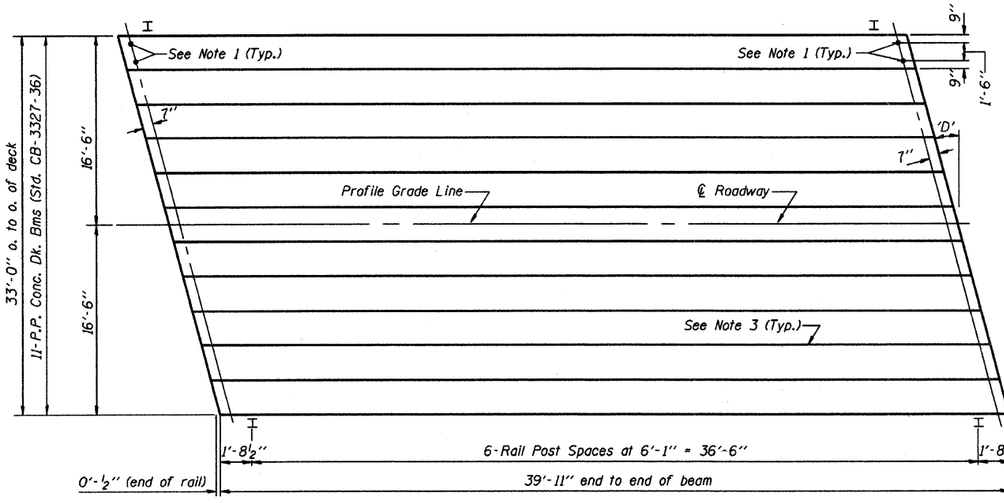
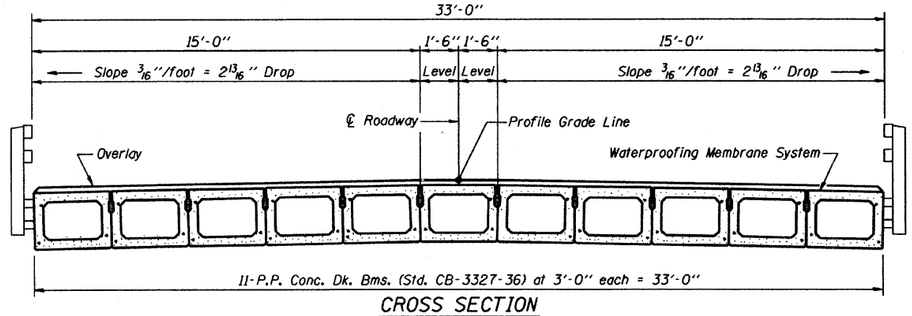


TYPICAL ELEVATIONS

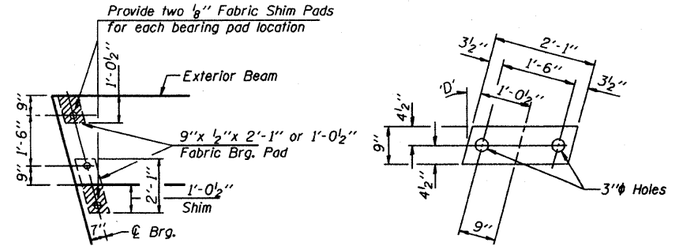


PLAN

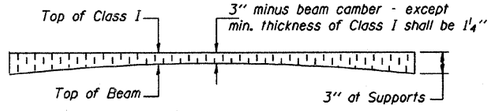
('D' = Designated Skew Angle)



CROSS SECTION



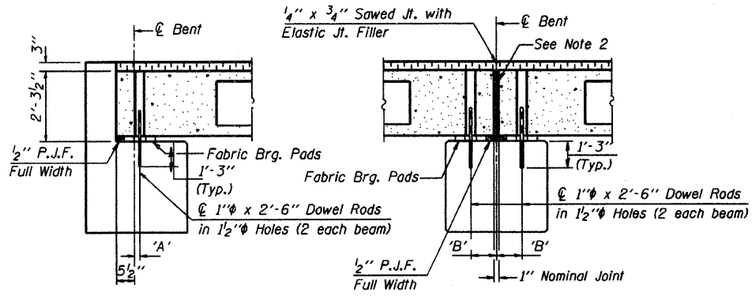
½" FABRIC BRG. PAD DETAILS



PROFILE OF OVERLAY

DIMENSIONS 'A' AND 'B'

'D'	5°	10°	15°	20°	25°	30°
A	1½"	1 5/8"	1 3/4"	1⅞"	2¼"	2 5/8"
B	7½"	7 5/8"	7¾"	8"	8¼"	8 3/8"



SECTION AT ABUTS.

(Along ℄ Beams)

SECTION AT PIERS

(Along ℄ 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 ℄ Pier shall be filled with non-shrink grout.
3. Longitudinal keys shall be grouted.

QUANTITIES FOR ONE SPAN

P.P. Conc. Dk. Bm. 27" Dp.	1320 Sq. Ft.
Steel Railing	80 Ft.
Waterproofing Membrane System	146.7 Sq. Yds.
Portland Cement Mortar Fairing Course	400 Ft.

Note: Quantity of overlay for one span = 23.1 Tons

Illinois Department of Transportation

PASSED APRIL 4, 2005
Thomas S. Domagalski
Engineer of Bridge Design
APPROVED APRIL 4, 2005
Ralph E. Anderson
Engineer of Bridges and Structures
ISSUED 4-4-2005

P.P.C. DECK BEAM SUPERSTRUCTURE

33' RDWY.	27" BMS.	40' SPAN	RIGHT

STANDARD CS-3327-40R