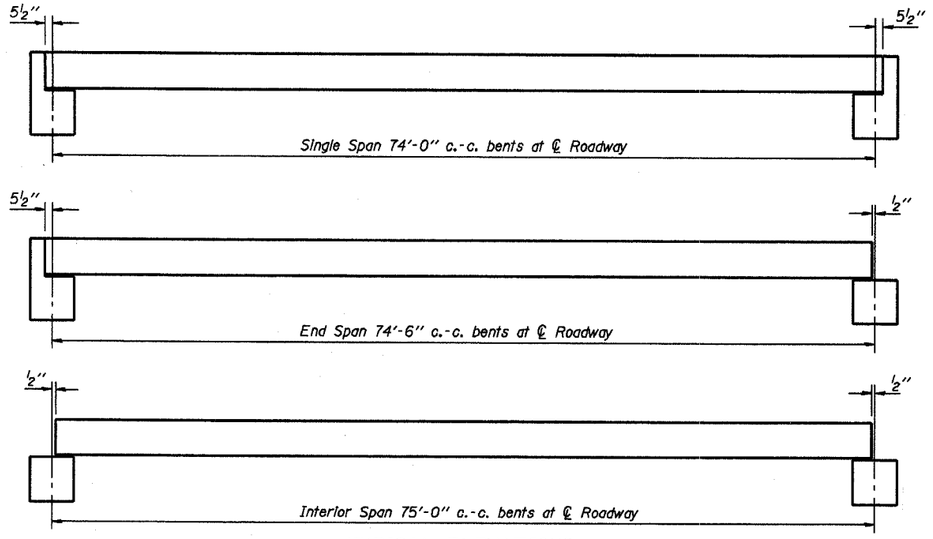
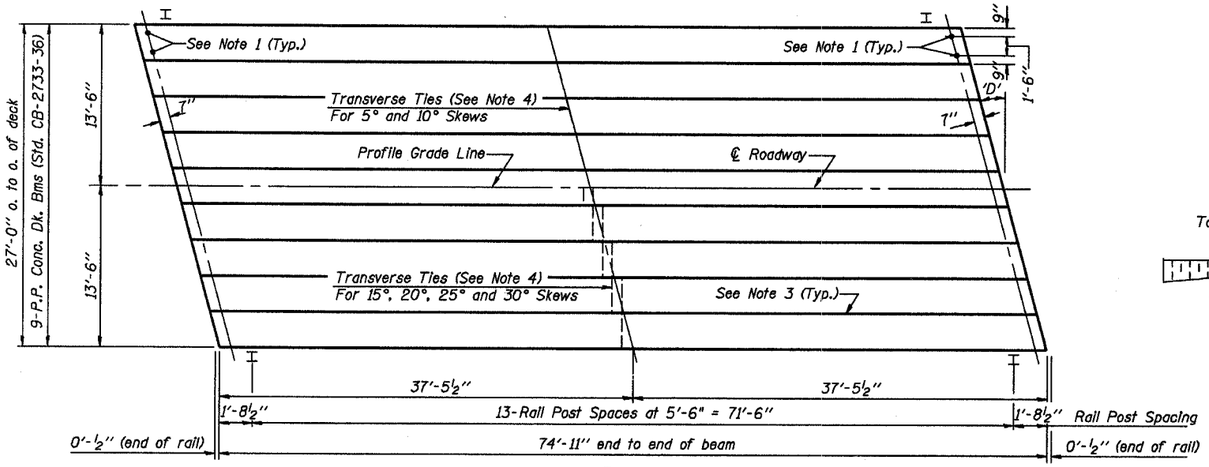
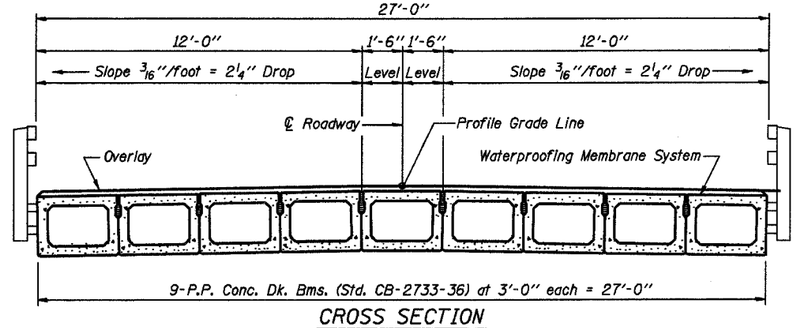


TYPICAL ELEVATIONS

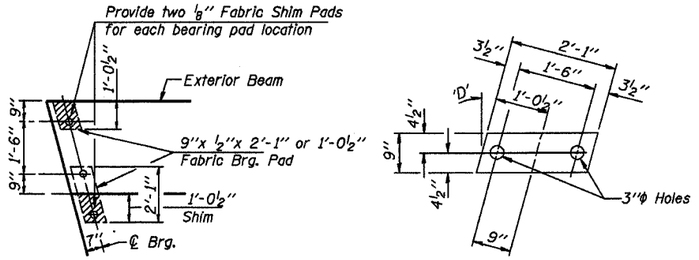


PLAN

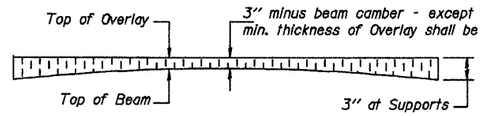
('D' = Designated Skew Angle)



CROSS SECTION



½" FABRIC BRG. PAD DETAILS



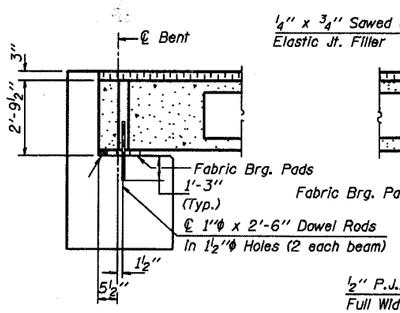
PROFILE OF OVERLAY

DIMENSIONS 'A' AND 'B'

'D'	5°	10°	15°	20°	25°	30°
A	1½"	1⅝"	1¾"	1⅞"	2¼"	2⅝"
B	7½"	7⅝"	7¾"	8"	8¼"	8⅝"

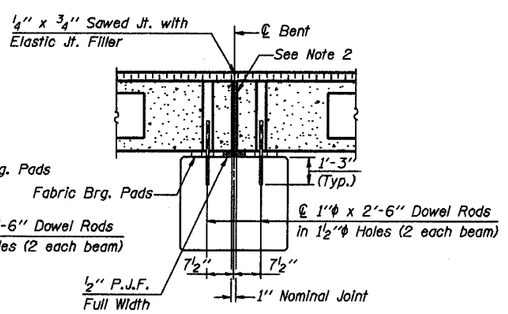
NOTES

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.
4. 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 ℄ Beams)



SECTION AT PIERS

(Along ℄ Beams)

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 Fairing Course~~	~~600 Ft.~~

Note: Quantity of overlay for one span = 26.4 Tons

Illinois Department of Transportation

PASSED APRIL 4, 2005
Thomas J. 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

27' RDWY.	33" BMS.	75' SPAN	RIGHT

STANDARD CS-2733-75R