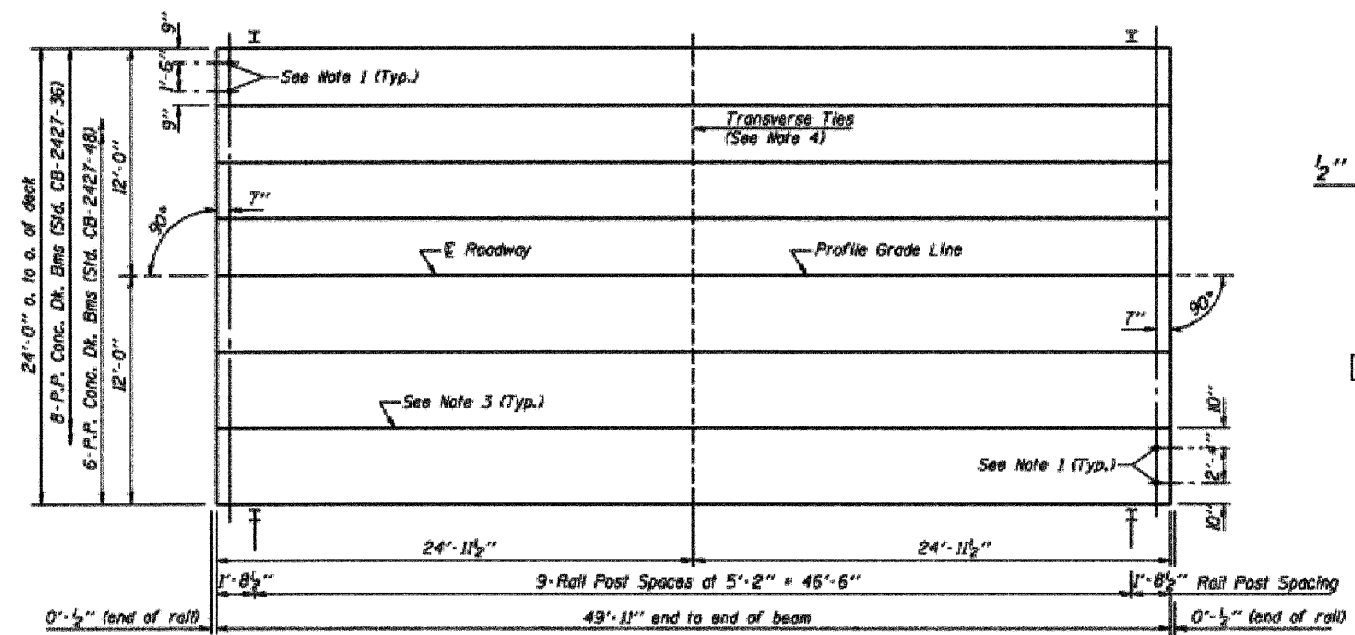
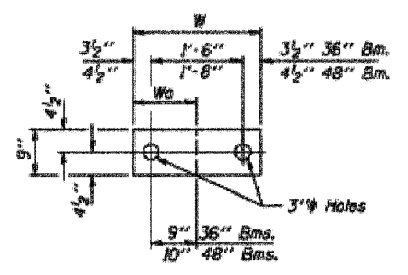
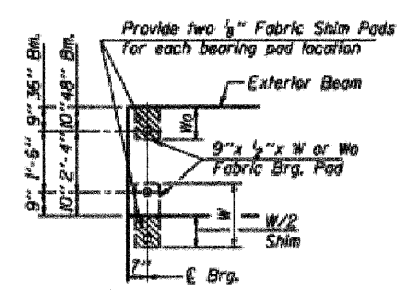


TYPICAL ELEVATIONS

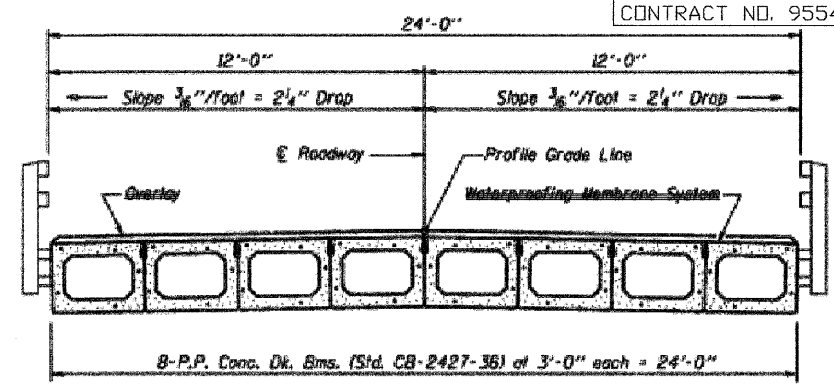


PLAN

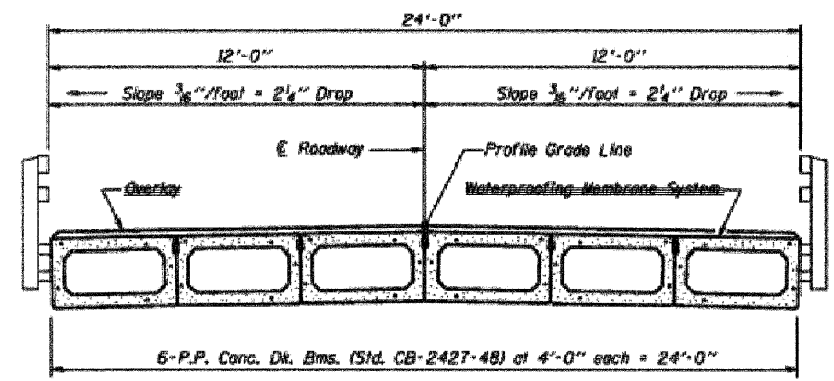


Beam	W	Wo
36"	2'-1"	1'-0 1/2"
48"	2'-5"	1'-2 1/2"

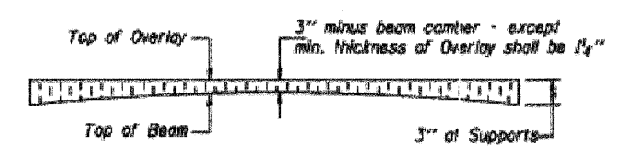
1/2" FABRIC BRG. PAD DETAILS



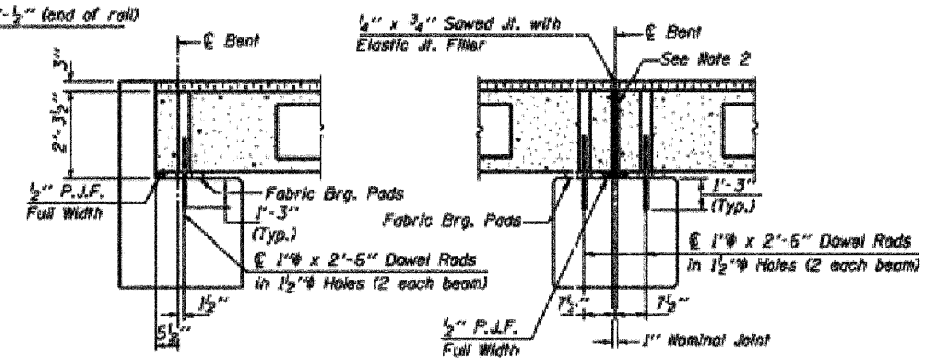
CROSS SECTION



CROSS SECTION



PROFILE OF OVERLAY



SECTION AT ABUTS.  
(Along E Beams)

SECTION AT PIERS  
(Along E 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 E Pier shall be filled with non-shrink grout.
3. Longitudinal keys shall be grouted.
4. 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.

QUANTITIES FOR ONE SPAN

P.P. Conc. Dk. Bm. 27" Dp.	1200 Sq. Ft.
Steel Purling	100 Ft.
Waterproofing Membrane System	133.7 Sq. Yds.
Portland Cement Mortar	350 Ft. 36"
Falring Course	250 Ft. 48"

Note: Quantity of overlay for one span = 18.2 Tons.

P.P.C. DECK BEAM  
SUPERSTRUCTURE

24' RDWY.	27" BMS.	50' SPAN	0° SKEW
STANDARD CS-2427-50			

Illinois Department of Transportation  
PASSED APRIL 4, 2005  
THOMAS S. NEASE, JR.  
Engineer of Bridge Design  
APPROVED APRIL 4, 2005  
RALPH F. CARLSON  
Engineer of Bridges and Structures