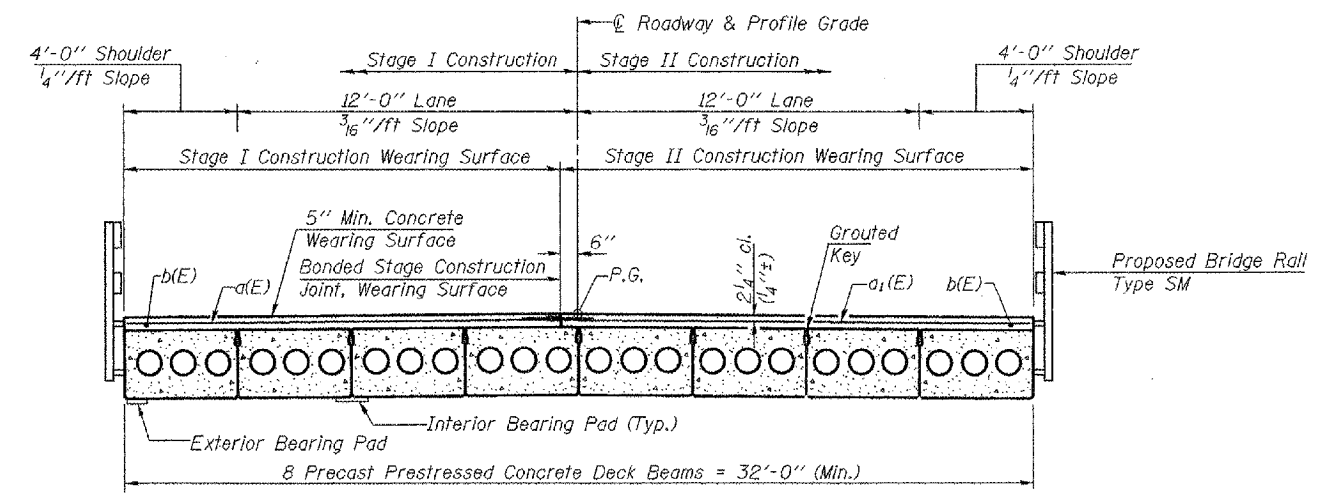
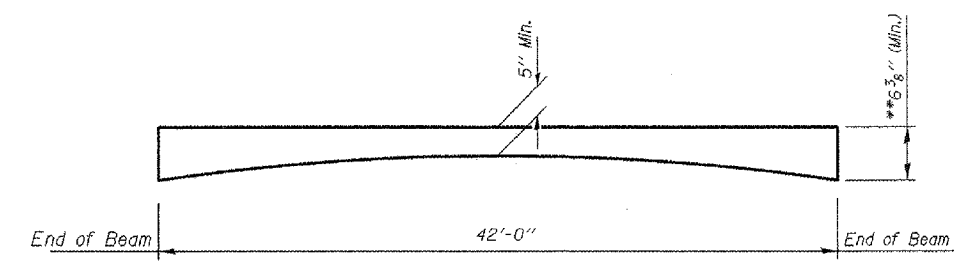


**PLAN**  
Concrete Wearing Surface

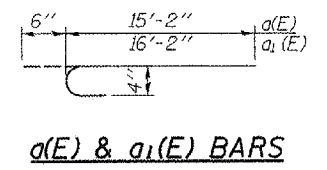
**MIN. BAR LAP**  
#4 bar = 1'-4"



**CROSS SECTION**  
(Looking East)



**REINFORCED CONCRETE WEARING SURFACE CAMBER DIAGRAM**

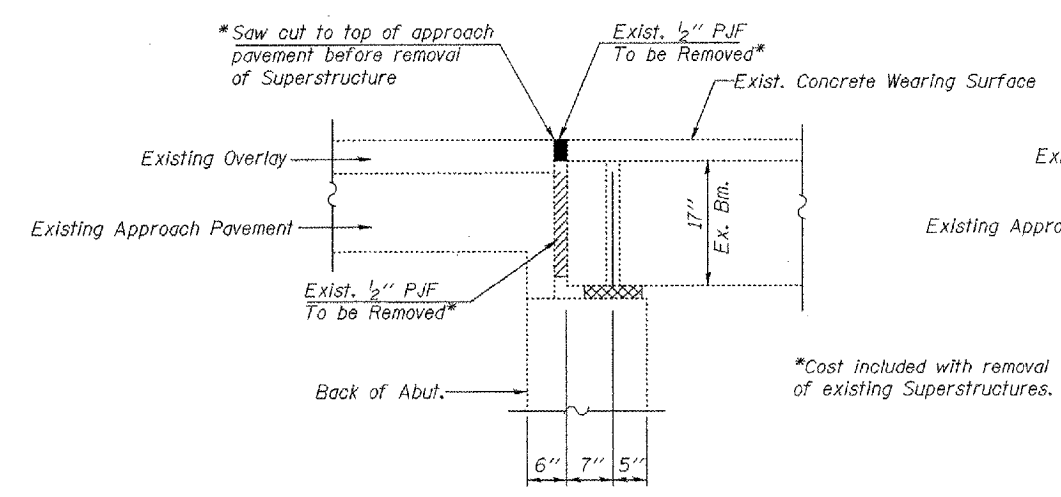


**a(1) & a1(1) BARS**

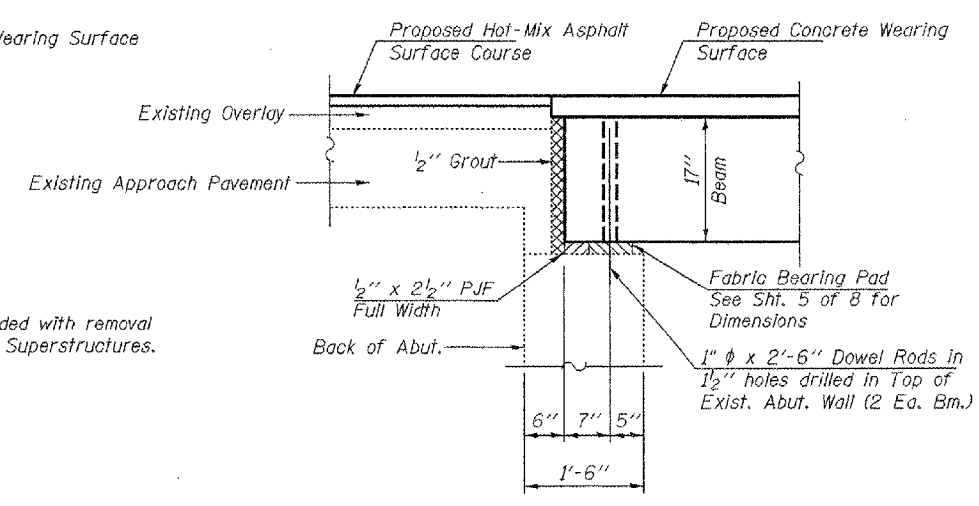
\*\*Based on 1 3/8" Camber

**SUPERSTRUCTURE  
BILL OF MATERIAL**

BAR	NO.	SIZE	LENGTH	SHAPE
a(1)	42	#4	15'-8"	C
a1(1)	42	#4	16'-8"	C
b(1)	66	#4	21'-8"	—
Conc. Wearing Surface, 5"			Sq. Yd.	150
Reinforcement Bars (Epoxy Coated)			Pound	1860
Bar Splicers			Each	42



**EXISTING SECTION AT ABUTMENT**



**SECTION A-A**

**NOTES**

Bars indicated thus 33x2-#4 etc. indicates 33 lines of bars with 2 lengths per line.  
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 minimum 24 hours prior to grouting shear keys.  
See sheet 8 of 8 for Bar Splicer details.  
See sheet 2 and 6 of 8 for rail details.

\*Cost included with removal of existing Superstructures.

ILLINOIS DEPARTMENT OF TRANSPORTATION	
SHEET TITLE SUPERSTRUCTURE	
PROJECT US ROUTE 136 OVER LONE TREE CREEK FAP ROUTE 709 SECTION 104BR-1 CHAMPAIGN COUNTY STATION 1458+06.74 STRUCTURE NUMBER 010-0058	PROJECT NO. 03061-8 SCALE DATE 12/04/06 DRAWN BY TFC CHECKED BY BD/REG/MCB DRAWING NO.
<b>COOMBE-BLOXDORF P.C.</b> Engineers / Land Surveyors Springfield, Illinois Design Firm License No. 184-002703	4 OF 8 SHTS

PLOT DATE = 12/04/2006  
 PLOT SCALE = 5/8" = 1'-0"  
 USER NAME = TFC