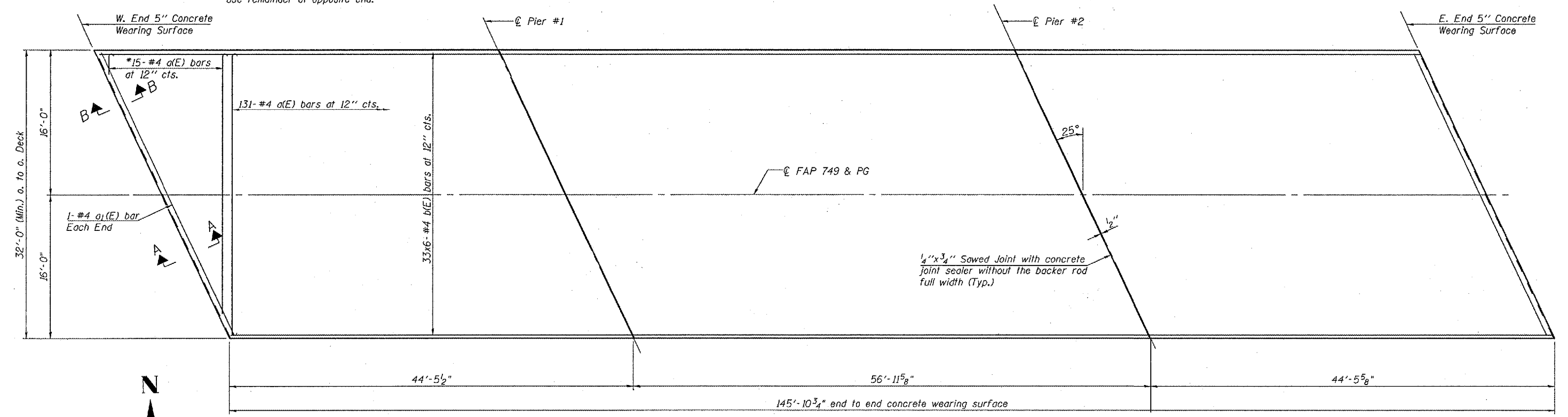
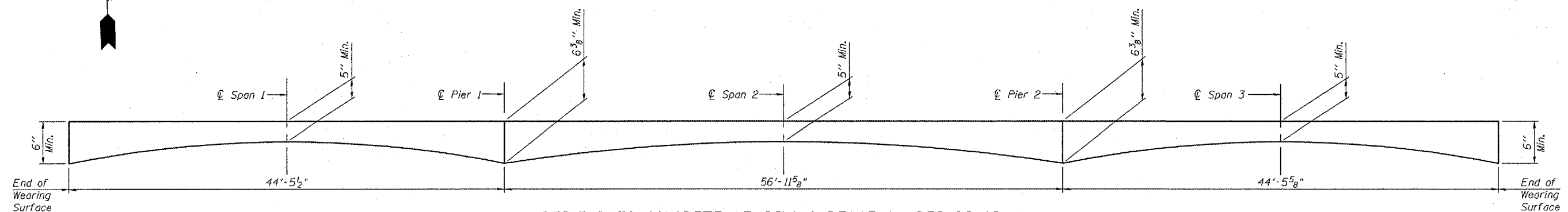


*Cut a(E) bars to fit skew and use remainder at opposite end.



PLAN
Concrete Wearing Surface

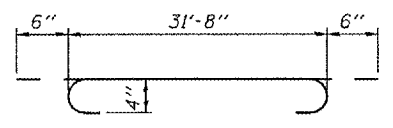


REINFORCED CONCRETE WEARING SURFACE CAMBER DIAGRAM

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

NOTES

Bars indicated thus 33x6- #4 etc. indicates 33 lines of bars with 6 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 2 of 9 for Sections at Abutment and Piers.



a(E) BAR

SUPERSTRUCTURE
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	146	#4	32'-8"	
a1(E)	2	#4	34'-11"	
b(E)	198	#4	25'-4"	
Conc. Wearing Surface			Sq. Yd.	520
Reinforcement Bars, Epoxy Coated			Pound	6580

ILLINOIS DEPARTMENT OF TRANSPORTATION

SHEET TITLE: WEARING SURFACE DETAILS

PROJECT: IL 133 OVER HICKORY GROVE CREEK
FAP 749 SECTION 9BR
EDGAR COUNTY
STATION 159+99.25
STRUCTURE NUMBER 023-0015

PROJECT NO. 03061-11
SCALE
DATE 8/31/07
DRAWN BY IFG
CHECKED BY KPS/BO/MCB
DRAWING NO.

COOMBE-BLOXDORF P.C.
Engineers / Land Surveyors
Springfield, Illinois
Design Firm License No. 184-002703

3
OF 9 SHTS

PLOT DATE = 08/31/2007
 PLOT SCALE = 1/8" = 1'-0"
 PLOT USER = JFC
 USER NAME = JFC