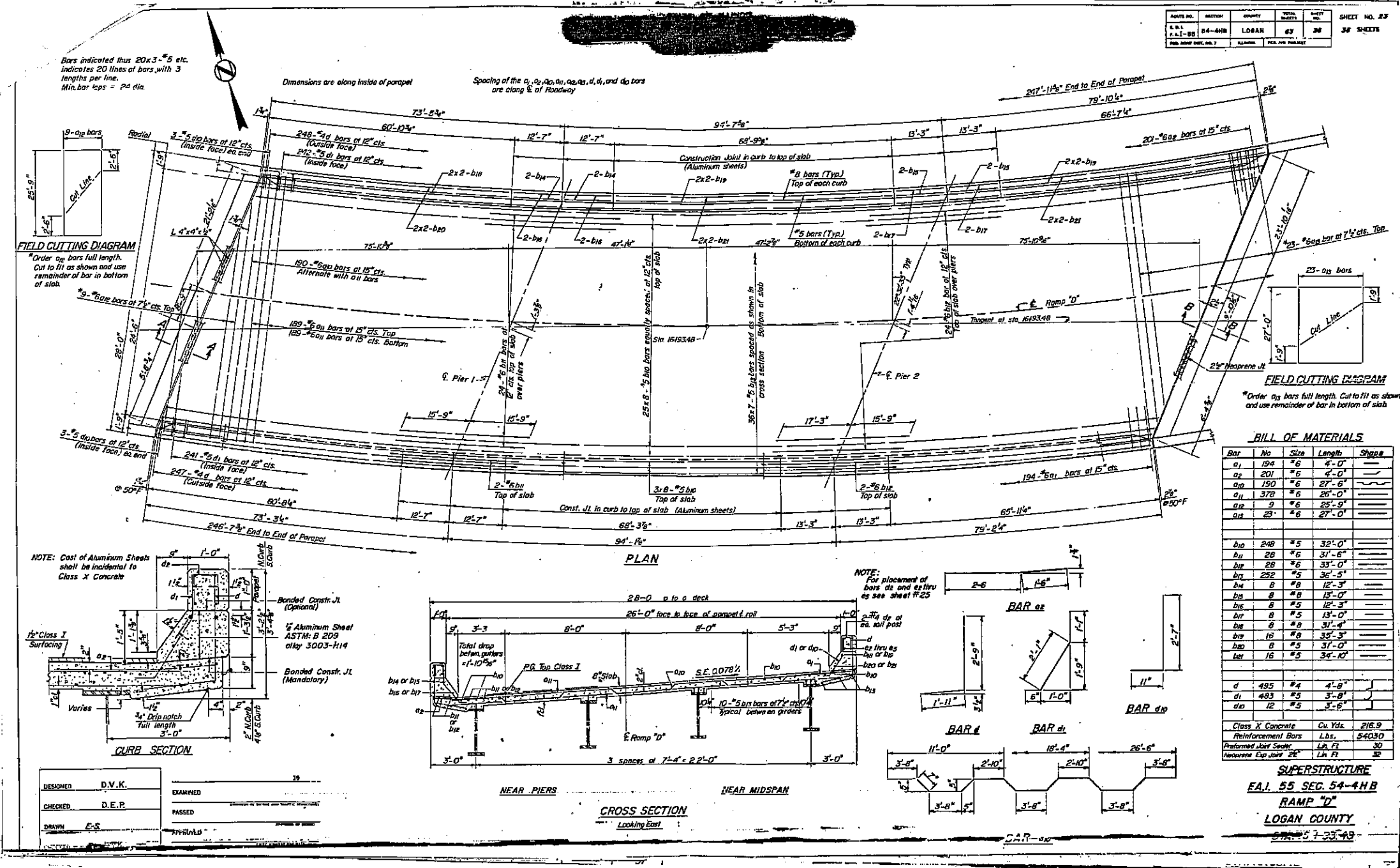


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SHEET 9 OF 11  
CONTRACT 72A29

DATE	BY	CHKD	TITLE	SHEET NO.	TOTAL SHEETS
11-1-55	W.A. LOGAN	W.A. LOGAN	LOGAN	28	38 SHEETS



Bars indicated thus 20x3-#5 etc. indicates 20 lines of bars with 3 lengths per line. Min. bar tops = 2d dia.

**FIELD CUTTING DIAGRAM**  
Order  $a_1$  bars full length. Cut to fit as shown and use remainder of bar in bottom of slab.

**FIELD CUTTING DIAGRAM**  
Order  $a_3$  bars full length. Cut to fit as shown and use remainder of bar in bottom of slab.

NOTE: Cost of Aluminum Sheets shall be incidental to Class X Concrete

NOTE: For placement of bars  $d_2$  and  $e_2$  see sheet #25

DESIGNED	D.V.K.	EXAMINED	
CHECKED	D.E.P.	PASSED	
DRAWN	E.S.	APPROVED	

**BILL OF MATERIALS**

Bar	No	Size	Length	Shape
$a_1$	184	#6	4'-0"	
$a_2$	201	#6	4'-0"	
$a_3$	150	#6	27'-6"	
$a_4$	372	#6	26'-0"	
$a_5$	9	#6	25'-9"	
$a_6$	23	#6	27'-0"	
$b_{10}$	248	#5	32'-0"	
$b_{11}$	28	#6	31'-6"	
$b_{12}$	28	#6	33'-0"	
$b_{13}$	252	#5	36'-5"	
$b_{14}$	8	#8	12'-3"	
$b_{15}$	8	#8	15'-0"	
$b_{16}$	8	#5	12'-3"	
$b_{17}$	8	#5	13'-0"	
$b_{18}$	8	#8	31'-4"	
$b_{19}$	16	#8	35'-3"	
$b_{20}$	8	#5	31'-0"	
$b_{21}$	16	#5	34'-10"	
$d$	495	#4	4'-8"	
$d_1$	483	#5	3'-8"	
$d_2$	12	#5	3'-6"	

Class X Concrete	Cu. Yds.	216.9
Reinforcement Bars	Lbs.	54030
Performed Slab Scaff.	Lb. Ft.	30
Neoprene Exp. Joints	Lb. Ft.	32

**SUPERSTRUCTURE**  
F.A.I. 55 SEC. 54-4HB  
RAMP "D"  
LOGAN COUNTY  
STA. 5+33.43

SN 054-0051  
EXISTING BRIDGE PLANS  
FOR INFORMATION ONLY  
(NOT TO SCALE)