STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

SHEET NO 9
26 SHEETS

WING WALL ELEVATION
Dimensions

For Guard Rail Connection See Sheet 11A

TABLE OF "K" DIMENSIONS

N. Abut.	E	1'-5⅝"
S.B. Lanes	H	1'-5½"
S. Abut.	E	1'-4⅞"
N.B. Lanes	H	1'-6⅛"

ELEVATION

WING WALL ELEVATION
Reinforcement

SEC. B-B

TOP VIEW

PLAN - PILE CAP

SEC. A-A

SEC. THRU ABUT.

STEP DIAGRAM-N.B. LANES

STEP DIAGRAM-S.B. LANES

PILE DATA
Type Concrete
Capacity 41 Tons
Est. Length 42'S.Ab. 45'N.Ab.
* No. Reqd. 24
* (Includes) 2 Conc. Test Piles

2 ABUTMENTS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h	36	#5	22'-3"	
h_1	20	#5	5'-0"	L
h_2	20	#5	5'-6"	
h_3	8	#4	31'-5"	
h_{4a}	8	#5	7'-5"	
h_4	24	#4	12'-1"	
h_5	24	#4	12'-9"	
h_7	8	#4	9'-0"	
n	36	#4	7'-7"	U
p	16	#7	65'-0"	
p_1	12	#7	9'-8"	
p_2	12	#7	10'-6"	
s_2	90	#4	15'-9"	
s_3	36	#4	9'-5"	
u	8	#6	9'-3"	
u_1	8	#6	8'-4"	
v	176	#4	5'-3"	
v_1	32	#4	7'-6"	
v_2	32	#4	6'-8"	
v_3	40	#4	6'-0"	
v_4	88	#4	3'-6"	
Class X Concrete			Cu. Yds.	93.5
Reinforcement Bars			Lbs.	5,280
Concrete Piles			Lin. Ft.	1,064
Test Piles (Conc.)			Ea.	2

BAR s_2 & s_3

BAR v_4

BAR u & n

BAR u_1

BAR h_2

BAR h_1

N. ABUT. S. BOUND LANES
S. ABUT. N. BOUND LANES
F.A.I. RTE. 57 SEC. 27.1VB
FORD COUNTY
STA. 289+70.53

A-B-R (15°-33°) 7-18-62 Rev 11-27-62

Rev 5 1965

FILE NAME = c:\pw_work\PWIDOT\BRABOYPC\dms64344\D3666862-SHT-PLNPRF.dgn	USER NAME = braboypo	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = Aug 26, 2009 - 03:04:31 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
FOR INFORMATION ONLY

SCALE: _____ SHEET NO. __ OF ___ SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(27-1)VBR & VBR-1)DM	FORD	28	19

CONTRACT NO. 66862
ILLINOIS FED. AID PROJECT