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

133	K	COOK	149	112	SHEET NO. 12 / 25 SHEETS

K-0102-683 HBK

Hatched area to be poured after superstructure forms have been removed.

Space reinforcement in cap to miss anchor bolts.
Pour steps monolithically with cap.

WING WALL ELEVATION

ELEVATION

WING WALL ELEVATION
Reinforcement

SEC B-B

BAR ¼

BAR s-B-SL

BAR n

BAR u-u1

BAR hg

SEC. A-A

SEC. C-C

ELEVATION OF BEARING SEATS

TOP VIEW

PILE DATA
Type Concrete
Capacity 36 Tons
Est. Length 25'-0"
No. Required 11

PLAN-PILE CAP

ONE ABUTMENT
BILL OF MATERIAL

Bar	No	Size	Length	Shape
h	6	#6	20'-9"	
h1	8	#5	20'-9"	
h2	20	#5	3'-0"	L
h3	4	#4	8'-3"	
h4	4	#4	8'-0"	
h5	42	#4	13'-3"	
hg	6	#5	29'-0"	
h1	8	#4	3'-3"	
hn	4	#6	9'-9"	
n	28	#3	9'-9"	L
p	8	#7	42'-2"	
s	12	#7	13'-6"	
s	44	#4	13'-1"	
t	28	#3	3'-3"	
u	9	#6	9'-11"	
u1	37	#4	11'-0"	
v	82	#4	7'-6"	
w	20	#4	9'-0"	
x	20	#4	3'-4"	
y1	20	#3	7'-8"	
y	41	#4	4'-9"	
Class X Concrete		Cu. Yds.	38.9	
Reinforcement Bars		Lbs.	4430	
Concrete Piles		Lin. Ft.	275	

NORTH ABUTMENT
EAST BRIDGE
F.A. RT 133 SEC. 0102-683 HBK
COOK COUNTY
STA. 104+82.77

A-9 2-1-66

Sept 28 1967

benesch
engineers · scientists · planners
Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10093

FOR INFORMATION ONLY

FILE NAME = 0161000.60J16_048_existplan.dgn	USER NAME = tjanicke	DESIGNED - FSM	REVISED -
		CHECKED - RMM	REVISED -
	PLOT SCALE =	DRAWN - FSM	REVISED -
	PLOT DATE = 12/20/2012	CHECKED - RMM	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN INFORMATION (8 OF 25)
STRUCTURE NO. 016-1000/1001
SHEET NO. SAX08 OF SAX25 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2013-038B-R	COOK	821	296
		CONTRACT NO. 60J16		
	ILLINOIS FED. AID PROJECT			

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