



BAR NO.	SIZE	LENGTH	SHAPE
h9	8	#8	28'-0"
h10	8	#5	28'-0"
n3	58	#6	10'-6"
n4	66	#9	7'-0"
p2	8	#9	34'-9"
p3	16	#9	8'-0"
p4	8	#5	34'-9"
p5	8	#8	28'-0"
p6	16	#6	3'-3"
s3	46	#4	12'-6"
s4	56	#4	7'-0"
s5	132	#3	9'-6"
s6	58	#5	8'-8"
t2	62	#6	6'-6"
u3	12	#5	6'-0"
u4	12	#6	6'-0"
v8	66	#9	25'-3"
w1	14	#7	30'-0"

ALL BAR DIMENSIONS ARE OUT TO OUT. PREFIX ALL BAR MARKS FOR SHIPMENT WITH A NUMBER INDICATING THE PIER WHERE THE BARS WILL BE USED. EXAMPLE: 23-h9 MEANS BARS h9 FOR PIER 23. FOR ANCHOR BOLT PROJECTION SEE SM. 18 POUR STEP MONOLITHICALLY WITH PIER CAP.

ITEM	UNIT	QUANTITY
CLASS B EXCAVATION FOR STRUCTS	CU YD	406.2
CLASS X CONCRETE	CU YD	115.0
REINFORCEMENT BARS	POUND	14,619

MAXIMUM TOE PRESSURES:  
LOADING GROUP I - 5500 P.S.F.  
II - 7300 P.S.F.  
III - 9200 P.S.F.

ILLINOIS DIVISION OF HIGHWAYS  
SOUTHWEST EXPRESSWAY  
LAWDALE AVE. OVER  
DES PLAINES RIVER  
PIERS 4 AND 23  
SCALE: AS NOTED

DE LEW, CATHER & CO. ENGINEERS  
DESIGNED BY V.K. BURKEVICS  
DRAWN BY J.G. HAWROCKI  
CHECKED T.L. BURKEVICS  
IN CHARGE E.S. MARTINS  
APPROVED L.H. RIAN

JOB NO. 1179

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

FILE NAME = 0160483.60J16.051.existplan5.dgn	USER NAME = tjenicke	DESIGNED - FSM	REVISIONS -
		CHECKED - RMM	REVISIONS -
		DRAWN - FSM	REVISIONS -
		CHECKED - RMM	REVISIONS -
			REVISIONS -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING PLAN INFORMATION (5 OF 13)  
STRUCTURE NO. 016-0483  
SHEET NO. SEX5 OF SEX13 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2013-038B-R	COOK	821	535
				CONTRACT NO. 60J16
ILLINOIS FED. AID PROJECT				

X:\100005\10093\Eng\_Docs\_Phase\_11\SN\_016\_0483\_0985\_1st.Ave.cover\_Des.Plaines\_River\Final\0160483\_60J16\_051.existplan5.dgn 2:44:27 PM 6/23/2014