



DATE	2/16	26	15
NO.	26	15	
SHEET NO. 13			
SHEETS			

BEAM	A	B
B1	7'-0"	1'-0"
B2	7'-0"	1'-0"
B3 THRU B14	7'-0"	1'-0"
B15	7'-0"	1'-0"
B16	7'-0"	1'-0"

NOTE:  
 ALL ANCHOR BOLTS TO PROJECT 3/4" ABOVE FINISHED CONCRETE, EXCEPT AS NOTED. SPACE BETWEEN ANCHOR BOLTS IN CAP TO BE 1" MIN. ALL EDGES TO HAVE STD. 1/4" CHAMFER EXCEPT AS NOTED. POUR STEPS MONOLITHICALLY WITH PIER CAP.  
 KEY TO BAR INDICATION:  
 S 2" x 10" ETC. MEANS 3 LINES OF BARS WITH 2 LENGTHS PER LINE.  
 MIN. BAR LAP = 20" DIA.

BAR LIST (2 PIERS)						
BAR	PIER 3	PIER 7	TOTAL	SIZE	LENGTH	SHAPE
S20	1	1	2	10	7'-0"	
S21	1	1	2	10	7'-0"	
S22	1	1	2	10	7'-0"	
S23	1	1	2	10	7'-0"	
S24	1	1	2	10	7'-0"	
S25	1	1	2	10	7'-0"	
S26	1	1	2	10	7'-0"	
S27	1	1	2	10	7'-0"	
S28	1	1	2	10	7'-0"	
S29	1	1	2	10	7'-0"	
S30	1	1	2	10	7'-0"	
S31	1	1	2	10	7'-0"	
S32	1	1	2	10	7'-0"	
S33	1	1	2	10	7'-0"	
S34	1	1	2	10	7'-0"	
U20	1	1	2	10	7'-0"	
U21	1	1	2	10	7'-0"	
M20	1	1	2	10	7'-0"	
M22	1	1	2	10	7'-0"	

PILE DATA		
PILE TYPE	PIER 3	PIER 7
MIN. CAPACITY TONS	31	31
NO. REQUIRED	18	18
EST. LENGTH FEET	70	70
CUT OFF ELEV.	598.50	599.00

BILL OF MATERIAL (2 PIERS)		
ITEM	UNIT	QUANTITY
CLASS X CONCRETE	CU YD	54.7
REINFORCEMENT BARS	POUNDS	11,480
FURNISHING STEEL PILES 8" x 8"	LINEAL FEET	360
TEST PILE STEEL 8" x 8"	LINEAL FEET	360
DRIVING STEEL PILES	LINEAL FEET	360
NAME PLATE	EA	2
CLASS A ELEVATION	EA	2

ILLINOIS DIVISION OF HIGHWAYS  
 SOUTHWEST EXPRESSWAY  
 LAWDALE AVE. OVER FA.I. 55  
 PIERS 3 AND 7  
 SCALE AS NOTED



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

FILE NAME =	USER NAME = ksnider	DESIGNED - KMS	REVISED -
0161510.60W77.048.Existing_Plans.5.dgn		CHECKED - JHG	REVISED -
		DRAWN - KMS	REVISED -
		CHECKED - JHG	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EXISTING PLANS (5 OF 8)  
 STRUCTURE NO. 016-1510  
 SHEET NO. S4X5 OF S4X8 SHEETS

FOR INFORMATION ONLY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	(0707-608&611)HB-B	COOK	177	113
				CONTRACT NO. 60W77
ILLINOIS FED. AID PROJECT				

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