



BEAM	A	B
B1	5 1/2"	4 3/4"
B2	5 1/2"	4 3/4"
B3 THRU B6	5 1/2"	4 1/4"

NOTE:
 FOR ANCHOR BOLT PROJECTION SEE SH. 25.
 SPACE REINFORCEMENT IN CAP TO MISS ANCHOR BOLTS.
 ALL EDGES TO HAVE STD. 3/4 CHAMFER EXCEPT AS NOTED.
 POUR STEPS MONOLITHICALLY WITH PIER CAP.
KEY TO BAR INDICATION:
 2x2-#5 ETC. MEANS 2 LINES OF BARS WITH 2 LENGTHS PER LINE.
 MIN. BAR LAP = 20 DIA.

BAR LIST			
BAR NO.	SIZE	LENGTH	SHAPE
h26	8	5	25'-0"
h27	9	10	54'-11"
h28	6	5	54'-11"
n5	28	9	6'-11"
n6	12	8	6'-5"
P4	6	10	32'-9"
P3	8	10	11'-6"
P8	8	5	7'-5"
P16	6	10	15'-5"
P17	5	10	54'-9"
S2	26	4	11'-9"
S3	8	4	11'-5"
S4	30	4	6'-11"
S5	40	4	5'-4"
S6	40	4	5'-10"
S7	40	4	6'-8"
S8	40	4	6'-7"
S9	20	4	6'-6"
S10	20	4	6'-0"
S14	36	6	8'-10"
S15	36	6	7'-10"
t2	58	6	6'-6"
U3	6	6	6'-1"
U4	8	5	5'-1"
V8	12	8	12'-5"
V15	28	9	12'-9"
W5	14	8	19'-6"

PILE DATA	
PILE TYPE	8BP36
MIN. CAPACITY TONS	79
NO. REQUIRED	20
EST. LENGTH FEET	24
CUT OFF ELEV.	601.50

*INCLUDES 1 TEST PILE

BILL OF MATERIAL	
ITEM	UNIT QUANTITY
CLASS A EXCAVATION	CU YD 84
CLASS X CONCRETE	CU YD 57.0
REINFORCEMENT BARS	POUND 9180
FURNISHING STEEL PILES 8BP36	LIN FT 456
TEST PILE STEEL 8BP36	EACH 1
DRIVING STEEL PILES	LIN FT 456
NAME PLATE	EACH 2

ILLINOIS DIVISION OF HIGHWAYS
 SOUTHWEST EXPRESSWAY
LAWDALE AVE. OVER RAMP E
 PIER 10
 SCALE: AS NOTED DATE

DE LEW, CATHER & CO. ENGINEERS
 DESIGNED BY Y.M. HUI
 DRAWN BY F.ROBINAS
 CHECKED BY [Signature]
 IN CHARGE E.S. MARTINS
 APPROVED L.M. RIAN

JOB NO. 1179