

F.A.P. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8R-1-N-1	COOK	196	133
STA. 84+90.00		TO STA. 92+00.00		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 62617				

**SOUTH SOLDIER PILE RETAINING WALL
SOLDIER PILE SCHEDULE**

PILE NO.	PILE SIZE	APPROX. TOP/PILE ELEV.	APPROX. TIP/PILE ELEV.	APPROX. PILE LENGTH (FT.)	NO. STUD PER PILE	STUD SPACING	PILE NO.	PILE SIZE	APPROX. TOP/PILE ELEV.	APPROX. TIP/PILE ELEV.	APPROX. PILE LENGTH (FT.)	NO. STUD PER PILE	STUD SPACING
1	HP12x53	772.21	754.00	18.21	2 x 7 = 14	6 SPA. @ 4.75 IN = 2'- 4"	46	HP12x53	782.59	761.00	21.59	2 x 14 = 28	13 SPA. @ 4.50 IN = 4'- 10"
2	HP12x53	772.44	754.00	18.44	2 x 8 = 16	7 SPA. @ 4.75 IN = 2'- 9"	47	HP12x53	782.78	761.00	21.78	2 x 14 = 28	13 SPA. @ 4.50 IN = 4'- 10"
3	HP12x53	772.67	754.00	18.67	2 x 9 = 18	8 SPA. @ 4.50 IN = 3'- 0"	48	HP12x53	782.97	761.00	21.97	2 x 14 = 28	13 SPA. @ 4.50 IN = 4'- 10"
4	HP12x53	772.91	754.00	18.91	2 x 9 = 18	8 SPA. @ 4.75 IN = 3'- 2"	49	HP12x53	783.15	761.00	22.15	2 x 14 = 28	13 SPA. @ 4.50 IN = 4'- 10"
5	HP12x53	773.14	754.00	19.14	2 x 10 = 20	9 SPA. @ 4.75 IN = 3'- 6"	50	HP12x53	783.34	761.00	22.34	2 x 14 = 28	13 SPA. @ 4.50 IN = 4'- 10"
6	HP12x53	773.37	754.00	19.37	2 x 11 = 22	10 SPA. @ 4.50 IN = 3'- 9"	51	HP12x53	783.53	761.00	22.53	2 x 14 = 28	13 SPA. @ 4.50 IN = 4'- 10"
7	HP12x53	773.60	754.00	19.60	2 x 11 = 22	10 SPA. @ 4.75 IN = 3'- 11"	52	HP12x53	783.71	761.00	22.71	2 x 14 = 28	13 SPA. @ 4.50 IN = 4'- 10"
8	HP12x53	773.83	754.00	19.83	2 x 12 = 24	11 SPA. @ 4.75 IN = 4'- 4"	53	HP12x53	783.90	761.00	22.90	2 x 14 = 28	13 SPA. @ 4.75 IN = 5'- 1"
9	HP12x53	774.07	754.00	20.07	2 x 13 = 26	12 SPA. @ 4.50 IN = 4'- 6"	54	HP12x53	784.09	761.00	23.09	2 x 14 = 28	13 SPA. @ 4.75 IN = 5'- 1"
10	HP12x53	774.30	754.00	20.30	2 x 13 = 26	12 SPA. @ 4.75 IN = 4'- 9"	55	HP12x53	784.27	761.00	23.27	2 x 14 = 28	13 SPA. @ 4.75 IN = 5'- 1"
11	HP12x53	774.53	754.00	20.53	2 x 14 = 28	13 SPA. @ 4.75 IN = 5'- 1"	56	HP12x53	784.46	761.00	23.46	2 x 14 = 28	13 SPA. @ 4.75 IN = 5'- 1"
12	HP12x53	774.76	754.00	20.76	2 x 14 = 28	13 SPA. @ 4.75 IN = 5'- 1"	57	HP12x53	784.65	761.00	23.65	2 x 14 = 28	13 SPA. @ 4.75 IN = 5'- 1"
13	HP12x53	774.99	754.00	20.99	2 x 14 = 28	13 SPA. @ 5.00 IN = 5'- 5"	58	HP12x53	784.82	761.00	23.82	2 x 14 = 28	13 SPA. @ 4.75 IN = 5'- 1"
14	HP12x53	775.22	754.00	21.22	2 x 14 = 28	13 SPA. @ 5.00 IN = 5'- 5"	59	HP12x53	785.00	761.00	24.00	2 x 14 = 28	13 SPA. @ 4.75 IN = 5'- 1"
15	HP12x53	775.46	754.00	21.46	2 x 14 = 28	13 SPA. @ 5.25 IN = 5'- 8"	60	HP12x53	785.18	761.00	24.18	2 x 14 = 28	13 SPA. @ 4.75 IN = 5'- 1"
16	HP12x53	775.69	754.00	21.69	2 x 14 = 28	13 SPA. @ 5.25 IN = 5'- 8"	61	HP12x53	785.36	761.00	24.36	2 x 14 = 28	13 SPA. @ 4.75 IN = 5'- 1"
17	HP12x53	775.92	754.00	21.92	2 x 14 = 28	13 SPA. @ 5.25 IN = 5'- 8"	62	HP12x53	785.54	761.00	24.54	2 x 14 = 28	13 SPA. @ 5.00 IN = 5'- 5"
18	HP12x53	776.15	754.00	22.15	2 x 14 = 28	13 SPA. @ 5.25 IN = 5'- 8"	63	HP12x53	785.72	765.00	20.72	2 x 14 = 28	13 SPA. @ 5.00 IN = 5'- 5"
19	HP12x53	776.38	754.00	22.38	2 x 14 = 28	13 SPA. @ 5.25 IN = 5'- 8"	64	HP12x53	785.90	765.00	20.90	2 x 14 = 28	13 SPA. @ 5.00 IN = 5'- 5"
20	HP12x53	776.61	754.00	22.61	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"	65	HP12x53	786.08	765.00	21.08	2 x 14 = 28	13 SPA. @ 5.00 IN = 5'- 5"
21	HP12x53	776.84	754.00	22.84	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"	66	HP12x53	786.26	765.00	21.26	2 x 14 = 28	13 SPA. @ 5.00 IN = 5'- 5"
22	HP12x53	777.07	754.00	23.07	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"	67	HP12x53	786.44	765.00	21.44	2 x 14 = 28	13 SPA. @ 5.00 IN = 5'- 5"
23	HP12x53	777.30	754.00	23.30	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"	68	HP12x53	786.62	765.00	21.62	2 x 14 = 28	13 SPA. @ 5.25 IN = 5'- 8"
24	HP12x53	777.53	754.00	23.53	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"	69	HP12x53	786.80	765.00	21.80	2 x 14 = 28	13 SPA. @ 5.25 IN = 5'- 8"
25	HP12x53	777.76	754.00	23.76	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"	70	HP12x53	786.98	765.00	21.98	2 x 14 = 28	13 SPA. @ 5.25 IN = 5'- 8"
26	HP12x53	777.99	754.00	23.99	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"	71	HP12x53	787.16	765.00	22.16	2 x 14 = 28	13 SPA. @ 5.25 IN = 5'- 8"
27	HP12x53	778.23	754.00	24.23	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"	72	HP12x53	787.34	765.00	22.34	2 x 14 = 28	13 SPA. @ 5.25 IN = 5'- 8"
28	HP12x53	778.46	757.00	21.46	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"	73	HP12x53	787.52	765.00	22.52	2 x 14 = 28	13 SPA. @ 5.25 IN = 5'- 8"
29	HP12x53	778.69	757.00	21.69	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"	74	HP12x53	787.70	765.00	22.70	2 x 14 = 28	13 SPA. @ 5.25 IN = 5'- 8"
30	HP12x53	778.92	757.00	21.92	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"	75	HP12x53	787.88	765.00	22.88	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"
31	HP12x53	779.15	757.00	22.15	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"	76	HP12x53	788.06	765.00	23.06	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"
32	HP12x53	779.38	757.00	22.38	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"	77	HP12x53	788.23	765.00	23.23	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"
33	HP12x53	779.61	757.00	22.61	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"	78	HP12x53	788.41	765.00	23.41	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"
34	HP12x53	779.84	757.00	22.84	2 x 14 = 28	13 SPA. @ 5.25 IN = 5'- 8"	79	HP12x53	788.59	765.00	23.59	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"
35	HP12x53	780.07	757.00	23.07	2 x 14 = 28	13 SPA. @ 5.25 IN = 5'- 8"	80	HP12x53	788.78	765.00	23.78	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"
36	HP12x53	780.30	757.00	23.30	2 x 14 = 28	13 SPA. @ 5.25 IN = 5'- 8"	81	HP12x53	788.97	765.00	23.97	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"
37	HP12x53	780.53	757.00	23.53	2 x 14 = 28	13 SPA. @ 5.25 IN = 5'- 8"	82	HP12x53	789.15	765.00	24.15	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"
38	HP12x53	780.77	757.00	23.77	2 x 14 = 28	13 SPA. @ 5.00 IN = 5'- 5"	83	HP12x53	789.34	765.00	24.34	2 x 14 = 28	13 SPA. @ 5.50 IN = 5'- 11"
39	HP12x53	781.00	757.00	24.00	2 x 14 = 28	13 SPA. @ 5.00 IN = 5'- 5"	84	HP12x53	789.53	768.00	21.53	2 x 14 = 28	13 SPA. @ 5.75 IN = 6'- 2"
40	HP12x53	781.23	757.00	24.23	2 x 14 = 28	13 SPA. @ 5.00 IN = 5'- 5"	85	HP12x53	789.72	768.00	21.72	2 x 14 = 28	13 SPA. @ 5.75 IN = 6'- 2"
41	HP12x53	781.46	757.00	24.46	2 x 14 = 28	13 SPA. @ 4.75 IN = 5'- 1"	86	HP12x53	789.91	768.00	21.91	2 x 14 = 28	13 SPA. @ 5.75 IN = 6'- 2"
42	HP12x53	781.69	761.00	20.69	2 x 14 = 28	13 SPA. @ 4.75 IN = 5'- 1"	87	HP12x53	790.09	768.00	22.09	2 x 14 = 28	13 SPA. @ 5.75 IN = 6'- 2"
43	HP12x53	781.92	761.00	20.92	2 x 14 = 28	13 SPA. @ 4.50 IN = 4'- 10"	88	HP12x53	790.28	768.00	22.28	2 x 14 = 28	13 SPA. @ 5.75 IN = 6'- 2"
44	HP12x53	782.15	761.00	21.15	2 x 14 = 28	13 SPA. @ 4.50 IN = 4'- 10"	89	HP12x53	790.46	768.00	22.46	2 x 14 = 28	13 SPA. @ 5.75 IN = 6'- 2"
45	HP12x53	782.38	761.00	21.38	2 x 14 = 28	13 SPA. @ 4.50 IN = 4'- 10"							

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOLDIER PILE SCHEDULE
 U.S. RTE. 20
 AT BLUFF CITY / SHALES PARKWAY
 SOUTH SOLDIER PILE RETAINING WALL
 F.A.P. 345 SECTION: 8R-1-N-1
 COOK COUNTY
 STRUCTURE NO. 016-W968

SCALE: NONE
 DATE: FEBRUARY, 2008
 DRAWN BY: D.L./F.M.
 CHECKED BY: B.N.S./J.C.N.

CHRISTIAN-ROGE & ASSOC., INC.
 CHICAGO ILLINOIS