

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	1-1	ROCK ISLAND	239	118
FED. PROJ. DIST. NO. 7		ILLINOIS	FED. AID PROJECT	
Contract No. B4986				

RETAINING WALL "D"

Soldier Pile Schedule									
Pile No.	Pile Size	Station	Offset	Pile Tip Elevation	Approximate Top of Rock Elevation	Top of Pile Elevation	Length (ft)	Approximate Top of Concrete Encasement	No. of Studs Per Pile
1	W18 x 71	76+54.42	45.35	567.50	576.66	580.55	13.1	578.20	2
2	W18 x 71	76+62.51	45.35	567.50	576.96	583.13	15.6	578.30	4
3	W18 x 71	76+70.01	45.35	567.50	577.24	584.13	16.5	578.40	5
4	W18 x 71	76+77.51	45.35	567.50	577.52	585.13	17.6	578.60	5
5	W18 x 71	76+85.01	45.35	567.50	577.80	586.13	18.6	578.70	6
6	W18 x 71	76+92.51	45.35	567.50	578.08	587.13	19.6	578.80	6
7	W18 x 71	77+00.01	45.35	567.50	578.35	588.13	20.6	578.90	7
8	W18 x 71	77+07.51	45.35	567.50	578.63	589.13	21.6	579.00	8
9	W18 x 71	77+15.01	45.35	567.50	578.91	590.13	22.6	579.20	8
10	W27 x 94	77+22.51	45.70	562.80	579.19	590.81	28.0	579.30	9
11	W27 x 94	77+30.01	45.70	562.90	579.47	591.15	28.3	579.40	9
12	W27 x 94	77+37.51	45.70	563.00	579.75	591.49	28.5	579.50	9
13	W27 x 94	77+45.01	45.70	563.10	580.02	591.84	28.7	579.60	9
14	W27 x 94	77+52.56	45.71	563.30	580.30	592.18	28.9	579.80	9
15	W27 x 94	77+60.18	45.73	563.40	580.58	592.53	29.1	579.90	9
16	W27 x 94	77+67.81	45.73	563.50	580.86	592.87	29.4	580.00	9
17	W27 x 94	77+75.43	45.71	563.60	581.14	593.21	29.6	580.10	10
18	W27 x 94	77+83.03	45.71	563.70	581.41	593.56	29.9	580.20	10
19	W27 x 94	77+90.65	45.73	563.90	581.69	593.90	30.0	580.40	10
20	W27 x 94	77+98.27	45.73	564.00	581.97	594.25	30.3	580.50	10
21	W27 x 94	78+05.89	45.71	564.10	582.25	594.59	30.5	580.60	10
22	W27 x 114	78+13.49	45.73	564.45	582.53	594.89	30.4	580.70	10
23	W27 x 114	78+21.11	45.74	564.55	582.80	595.13	30.6	580.80	10
24	W27 x 114	78+28.73	45.75	564.75	583.08	595.38	30.6	581.00	10
25	W27 x 114	78+36.36	45.73	564.85	583.36	595.63	30.8	581.10	11
26	W27 x 114	78+43.95	45.73	564.95	583.71	595.88	30.9	581.20	11
27	W27 x 114	78+51.58	45.75	565.05	584.13	596.12	31.1	581.30	11
28	W27 x 114	78+59.20	45.75	565.25	584.54	596.37	31.1	581.50	11
29	W27 x 114	78+66.82	45.73	565.35	584.96	596.62	31.3	581.60	11
30	W27 x 114	78+74.42	45.73	565.45	585.38	596.87	31.4	581.70	11
31	W27 x 114	78+82.04	45.75	565.55	585.79	597.11	31.6	581.80	11
32	W27 x 114	78+89.66	45.75	565.65	586.21	597.36	31.7	581.90	11
33	W27 x 114	78+97.28	45.73	565.85	586.63	597.61	31.8	582.10	11
34	W27 x 114	79+04.88	45.73	565.95	587.04	597.77	31.8	582.20	11
35	W27 x 114	79+12.50	45.75	566.05	587.46	597.85	31.8	582.30	11
36	W27 x 114	79+20.12	45.75	566.15	587.88	597.92	31.8	582.40	11
37	W27 x 114	79+27.75	45.73	566.25	588.29	598.00	31.8	582.50	11
38	W27 x 114	79+35.34	45.73	566.35	588.50	598.01	31.7	582.60	11
39	W27 x 114	79+42.97	45.75	566.45	588.50	597.96	31.5	582.70	11
40	W27 x 114	79+50.59	45.75	566.55	588.50	597.91	31.4	582.80	11
41	W27 x 114	79+58.21	45.73	566.65	588.50	597.86	31.2	582.90	11
42	W27 x 114	79+65.81	45.73	566.75	588.50	597.64	32.4	583.00	11
43	W27 x 114	79+73.43	45.75	566.85	588.50	597.26	31.9	583.10	10
44	W27 x 114	79+81.05	45.75	566.95	588.50	596.88	31.4	583.20	10
45	W27 x 114	79+88.67	45.73	567.05	588.50	596.50	31.0	583.30	10
46	W27 x 94	79+96.27	45.73	567.15	588.50	596.12	30.5	583.40	9
47	W27 x 94	80+03.89	45.75	567.25	588.50	595.74	30.0	583.50	9
48	W27 x 94	80+11.52	45.75	567.35	588.50	595.36	29.6	583.50	9
49	W27 x 94	80+19.14	45.73	567.45	588.50	594.98	29.1	583.60	8
50	W27 x 94	80+26.74	45.73	567.55	588.50	594.60	28.7	583.70	8

RETAINING WALL "D"

Soldier Pile Schedule									
Pile No.	Pile Size	Station	Offset	Pile Tip Elevation	Approximate Top of Rock Elevation	Top of Pile Elevation	Length (ft)	Approximate Top of Concrete Encasement	No. of Studs Per Pile
51	W27 x 94	80+34.36	45.75	565.95	588.50	594.22	28.3	583.70	8
52	W27 x 94	80+41.98	45.75	566.05	588.50	593.83	27.8	583.80	8
53	W27 x 94	80+49.60	45.73	566.15	588.50	593.45	27.3	583.90	7
54	W18 x 50	80+57.20	45.37	571.00	588.50	593.08	22.1	583.90	7
55	W18 x 50	80+64.82	45.39	571.00	588.50	592.73	21.7	584.00	7
56	W18 x 50	80+72.44	45.39	571.00	588.50	592.37	21.4	584.00	6
57	W18 x 50	80+80.06	45.37	571.00	588.50	592.01	21.0	584.10	6
58	W18 x 50	80+87.66	45.37	571.00	588.12	591.66	20.7	584.10	6
59	W18 x 50	80+95.29	45.39	571.00	587.37	591.30	20.3	584.20	6
60	W18 x 50	81+02.91	45.39	571.00	586.62	590.94	19.9	584.20	5
61	W18 x 50	81+10.53	45.37	571.00	585.87	590.59	19.6	584.20	5
62	W18 x 50	81+18.13	45.37	571.00	585.12	590.23	19.2	584.30	5
63	W18 x 50	81+25.75	45.39	571.00	584.37	589.87	18.9	584.30	5
64	W18 x 50	81+33.37	45.39	571.00	583.62	589.52	18.5	584.40	4
65	W18 x 50	81+40.99	45.37	571.00	582.86	589.16	18.2	584.40	4
66	W18 x 50	81+48.85	45.37	571.00	582.11	588.65	17.7	584.40	4
67	W18 x 50	81+56.98	45.38	571.00	581.36	588.00	17.0	584.50	3
68	W18 x 50	81+65.11	45.37	571.00	580.61	587.34	16.3	584.50	3

DESIGNED	-	NDR
CHECKED	-	DSE
DRAWN	-	RTT
CHECKED	-	DSE
DATE	-	JAN 31, 2006

Illinois Firm Registration No. 04-00533



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SOLDIER PILE SCHEDULE  
RETAINING WALL D ALONG  
IL ROUTE 5  
FA 595 (IL ROUTE 5) SECTION 1-1  
ROCK ISLAND COUNTY  
STA 76+50.00 TO STA 81+70.00  
STRUCTURE NO. 081-W006