

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	STATES	SHEET NO.	SHEET NO. 4 13 SHEETS
595	1-1	ROCK ISLAND	239	149	
FED. ROAD DIST. NO.		ILLINOIS	FED. ROAD PROJECT		
Contract No. 64986					

RETAINING WALL "F"

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 35	80+89.61	66.64	581.15	587.00	593.62	12.5	591.40	2
2	W18 x 35	80+97.29	66.66	580.65	587.00	593.33	12.7	590.90	2
3	W18 x 35	81+04.97	66.65	580.25	587.00	593.03	12.8	590.50	3
4	W18 x 35	81+12.64	66.62	579.75	587.00	592.74	13.0	590.00	3
5	W18 x 35	81+20.11	66.97	579.35	587.00	592.44	13.1	589.60	3
6	W18 x 35	81+27.76	67.71	578.85	587.00	592.14	13.3	589.10	3
7	W18 x 35	81+35.40	68.42	578.45	587.00	591.85	13.4	588.70	3
8	W36 x 135	81+42.98	69.88	574.75	587.00	591.55	16.8	588.20	3
9	W36 x 135	81+50.41	70.81	574.75	587.00	591.48	16.7	587.80	3
10	W18 x 35	81+58.13	71.28	578.42	587.00	591.65	13.2	587.30	4
11	W18 x 35	81+65.72	72.47	578.42	587.00	591.81	13.4	586.90	4
12	W18 x 35	81+73.33	73.65	578.42	587.00	591.98	13.6	586.40	5
13	W21 x 50	81+80.90	74.95	578.42	587.00	592.15	13.7	586.00	5
14	W21 x 50	81+88.52	76.11	578.42	587.00	592.31	13.9	585.50	5
15	W21 x 50	81+96.13	77.25	578.42	587.00	592.48	14.1	585.10	6
16	W21 x 50	82+03.76	78.37	578.42	587.00	592.64	14.2	584.60	6
17	W21 x 50	10+72.98	16.86	578.42	587.00	593.13	14.7	584.80	6
18	W21 x 50	10+77.76	15.27	578.42	587.00	593.95	15.5	585.60	6
19	W21 x 50	10+83.25	14.88	578.42	587.00	594.77	16.4	586.40	6
20	W21 x 50	10+90.75	14.88	578.42	587.00	595.58	17.2	587.30	6
21	W21 x 50	10+98.25	14.88	578.42	587.25	596.52	18.1	588.20	6
22	W21 x 50	11+05.75	14.88	578.42	587.75	597.57	19.2	589.30	6
23	W21 x 50	11+13.25	14.88	578.42	588.25	598.63	20.2	590.50	6
24	W21 x 50	11+20.75	14.88	578.42	588.75	599.68	21.3	591.60	6
25	W21 x 50	11+28.25	14.88	578.42	589.00	600.64	22.2	592.70	6
26	W21 x 50	11+35.75	14.88	578.42	589.00	601.50	23.1	593.80	6
27	W21 x 50	11+43.25	14.88	578.42	589.00	602.36	23.9	595.00	6
28	W21 x 50	11+50.75	14.88	578.42	589.00	603.23	24.8	596.10	6
29	W24 x 76	11+58.25	14.99	578.42	589.00	604.09	25.7	597.20	5
30	W24 x 76	11+65.75	14.99	578.80	589.00	604.95	26.2	598.30	5
31	W24 x 76	11+73.25	14.99	579.90	589.00	605.81	25.9	599.40	5
32	W24 x 76	11+80.75	14.99	581.10	589.00	606.67	25.6	600.60	5
33	W24 x 76	11+88.25	14.99	582.20	589.00	607.53	25.3	601.70	5
34	W24 x 76	11+95.75	14.99	583.30	589.00	608.39	25.1	602.80	5
35	W24 x 76	12+03.25	14.99	584.40	589.00	609.25	24.9	603.90	4
36	W24 x 76	12+10.75	14.99	585.50	589.00	610.11	24.6	605.00	4
37	W24 x 76	12+18.25	14.99	586.70	589.00	611.16	24.5	606.20	4
38	W24 x 76	12+25.75	14.99	587.80	589.00	612.41	24.6	607.30	4
39	W24 x 76	12+33.25	14.99	588.90	589.00	613.65	24.8	608.40	4
40	W24 x 76	12+40.75	14.99	590.00	589.00	614.89	24.9	609.50	4
41	W24 x 76	12+48.24	14.99	591.92	589.00	616.14	24.2	610.60	5
42	W24 x 76	12+55.74	15.00	591.92	589.00	617.38	25.5	611.80	5
43	W24 x 76	12+63.25	15.02	591.92	589.00	618.62	26.7	612.90	5
44	W24 x 76	12+70.74	15.03	591.92	589.00	619.87	28.0	614.00	5
45	W24 x 76	12+78.87	15.54	591.92	588.56	621.11	29.2	615.10	5
46	W24 x 76	12+87.75	16.21	591.92	587.89	622.35	30.4	616.20	5
47	W24 x 76	12+96.70	16.21	591.92	586.81	623.60	31.7	617.40	5
48	W24 x 76	13+05.59	15.54	593.50	585.94	624.84	31.3	618.50	5
49	W21 x 50	13+13.54	15.43	594.80	585.50	625.88	31.1	619.80	5
50	W21 x 50	13+22.41	16.09	596.20	585.50	626.70	30.5	621.20	5

RETAINING WALL "F"

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	W21 x 50	13+31.35	16.09	597.60	585.50	627.53	29.9	622.60	1
52	W21 x 50	13+40.22	15.43	599.00	585.50	628.35	29.4	624.00	4
53	W21 x 50	13+48.27	15.33	600.50	585.50	629.06	28.6	625.50	3
54	W21 x 50	13+55.36	15.74	601.60	585.50	629.53	27.9	626.60	3
55	W21 x 50	13+62.48	15.73	602.80	585.50	630.01	27.2	627.80	2
56	W21 x 50	13+69.57	15.29	603.90	585.50	630.48	26.6	628.90	2

DESIGNED	NLV
CHECKED	DSE
DRAWN	RTT
CHECKED	DSE
DATE	JAN 31, 2006

Illinois Firm Registration No. 184-00633



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SOLDIER PILE SCHEDULE
RETAINING WALL F ALONG
INDIAN HILL ROAD
FA 595 (IL ROUTE 5) SECTION 1-1
ROCK ISLAND COUNTY
STA 80+86.37 TO STA 13+73.25