

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 337 (IL 22)	19R-1	LAKE	800	562
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT-		

PILE SCHEDULE									
Soldier Pile No.	Size	Station (¢ Pile)	Offset RT. (¢ Pile)	Top Pile Elevation	Bottom Pile Elevation	Pile Length (m)	Anchor Elev.	No. Studs Per Pile	Shaft Excavation Diameter
1	W530x71	8+753.618	13.824	258.860	254.859	4.001	---	2	0.762
2	W530x71	8+755.868	13.824	259.218	254.859	4.359	---	4	0.762
3	W530x71	8+758.118	13.824	259.482	254.859	4.623	---	4	0.762
4	W530x71	8+760.368	13.824	259.735	254.859	4.876	---	6	0.762
5	W610x113	8+762.618	13.866	259.934	252.983	6.951	---	6	0.914
6	W610x113	8+764.868	13.866	260.134	252.983	7.151	---	8	0.914
7	W610x113	8+767.118	13.866	260.303	252.983	7.320	---	8	0.914
8	W610x113	8+769.368	13.866	260.472	252.983	7.489	---	8	0.914
9	2-W310X86	8+771.552	13.725	261.025	254.076	6.949	260.518	10	1.219
10	2-W310X86	8+773.672	13.743	261.946	254.076	7.870	260.520	14	1.219
11	2-W310X86	8+775.792	13.760	262.868	254.076	8.792	261.874	18	1.219
12	2-W310X86	8+777.912	13.777	263.739	253.100	10.639	263.070	22	1.219
13	2-W360X110	8+790.317	13.730	264.150	252.490	11.660	263.733	22	1.219
14	2-W360X110	8+792.405	13.747	263.900	254.554	9.346	262.770	22	1.219
15	2-W360X110	8+794.429	13.776	263.800	254.864	8.936	262.558	22	1.219
16	2-W360X110	8+796.453	13.819	263.500	255.165	8.335	262.346	20	1.219
17	2-W310X86	8+798.564	13.816	263.500	255.272	8.228	262.186	20	1.219
18	2-W310X86	8+800.712	13.767	263.500	255.272	8.228	262.186	20	1.219
19	2-W310X86	8+802.860	13.735	263.500	255.272	8.228	262.186	20	1.219
20	2-W310X86	8+805.008	13.719	263.500	255.272	8.228	262.186	20	1.219
21	W760X350	8+807.157	13.962	263.470	247.956	15.514	---	20	1.067
22	W760X350	8+809.304	13.978	263.470	247.956	15.514	---	18	1.067
23	W760X350	8+811.450	14.010	263.470	247.956	15.514	---	18	1.067
24	W760X350	8+813.596	14.059	263.470	247.956	15.514	---	18	1.067
25	W760X314	8+815.781	14.053	263.450	248.620	14.830	---	18	1.067
26	W760X314	8+817.927	14.004	263.450	248.620	14.830	---	18	1.067
27	W760X314	8+820.073	13.792	263.450	248.620	14.830	---	18	1.067
28	W760X314	8+822.220	13.956	263.450	248.620	14.830	---	18	1.067
29	W760X314	8+824.365	13.956	263.400	249.230	14.170	---	18	1.067
30	W760X314	8+826.512	13.972	263.400	249.230	14.170	---	18	1.067
31	W760X314	8+828.658	14.004	263.400	249.230	14.170	---	18	1.067
32	W760X314	8+830.804	14.053	263.400	249.230	14.170	---	18	1.067
33	W610X307	8+832.987	13.987	263.350	249.834	13.516	---	16	0.914
34	W610X307	8+835.133	13.938	263.350	249.834	13.516	---	16	0.914
35	W610X307	8+837.281	13.906	263.350	249.834	13.516	---	16	0.914
36	W610X307	8+839.428	13.890	263.350	249.834	13.516	---	16	0.914
37	W610X341	8+841.573	13.894	263.350	249.478	13.872	---	16	0.914
38	W610X341	8+843.720	13.910	263.350	249.478	13.872	---	16	0.914
39	W610X341	8+845.867	13.942	263.350	249.478	13.872	---	16	0.914
40	W610X341	8+848.014	13.991	263.350	249.478	13.872	---	16	0.914
41	W610X307	8+850.195	13.987	263.300	250.234	13.066	---	16	0.914
42	W610X307	8+852.342	13.938	263.300	250.234	13.066	---	16	0.914
43	W610X307	8+854.489	13.906	263.300	250.234	13.066	---	14	0.914
44	W610X307	8+856.636	13.890	263.300	250.234	13.066	---	14	0.914
45	W610x217	8+858.782	13.878	263.300	251.982	11.318	---	14	0.914
46	W610x217	8+860.939	13.894	263.300	251.982	11.318	---	14	0.914
47	W610x217	8+863.077	13.926	263.300	251.982	11.318	---	14	0.914
48	W610x217	8+865.223	13.975	263.300	251.982	11.318	---	14	0.914
49	W610x195	8+867.403	13.972	262.900	252.775	10.125	---	12	0.914
50	W610x195	8+869.549	13.923	262.900	252.775	10.125	---	12	0.914
51	W610x195	8+871.697	13.891	262.450	252.883	9.567	---	10	0.914
52	W610x195	8+873.844	13.875	262.450	252.883	9.567	---	10	0.914
53	W530x101	8+875.990	13.832	262.400	255.257	7.143	---	10	0.762
54	W530x101	8+878.138	13.848	262.400	255.257	7.143	---	10	0.762
55	W530x101	8+880.285	13.880	262.400	255.257	7.143	---	8	0.762
56	W530x101	8+882.432	13.929	262.400	255.257	7.143	---	8	0.762

PILE SCHEDULE									
Soldier Pile No.	Size	Station (¢ Pile)	Offset RT. (¢ Pile)	Top Pile Elevation	Bottom Pile Elevation	Pile Length (m)	Anchor Elev.	No. Studs Per Pile	Shaft Excavation Diameter
57	W530x92	8+884.610	13.928	262.400	255.911	6.489	---	8	0.762
58	W530x92	8+886.756	13.879	262.400	255.911	6.489	---	8	0.762
59	W530x92	8+888.904	13.847	262.400	255.911	6.489	---	8	0.762
60	W530x92	8+891.052	13.831	262.400	255.911	6.489	---	8	0.762
61	W530x71	8+893.200	13.826	262.350	256.541	5.809	---	8	0.762
62	W530x71	8+895.348	13.842	262.350	256.541	5.809	---	8	0.762
63	W530x71	8+897.495	13.874	262.350	256.541	5.809	---	6	0.762
64	W530x71	8+899.642	13.923	262.350	256.541	5.809	---	6	0.762
65	W530x71	8+901.819	13.923	262.300	257.143	5.157	---	6	0.762
66	W530x71	8+903.966	13.874	262.300	257.143	5.157	---	6	0.762
67	W530x71	8+906.114	13.842	262.300	257.143	5.157	---	6	0.762
68	W530x71	8+908.262	13.826	262.300	257.143	5.157	---	6	0.762
69	W310x60	8+910.410	13.714	262.050	257.762	4.288	---	4	0.610
70	W310x60	8+912.559	13.728	262.050	257.762	4.288	---	4	0.610
71	W310x60	8+914.707	13.759	261.800	257.870	3.930	---	4	0.610
72	W310x60	8+916.855	13.806	261.800	257.870	3.930	---	2	0.610
73	W310x60	8+919.026	13.812	261.800	259.026	2.774	---	2	0.610
74	W310x60	8+921.174	13.763	261.800	259.026	2.774	---	2	0.610
75	W310x60	8+923.322	13.731	261.800	259.026	2.774	---	2	0.610
76	W310x60	8+925.471	13.715	261.800	259.026	2.774	---	2	0.610

WORK POINTS AND WALL ELEVATIONS

WP No.	IL Rte. 22 Station	Offset Rt. (m)	Top of Concrete Facing Elev.	Bottom of Concrete Facing Elev.
1	8+752.493	13.270	259.493	258.390
2	8+761.493	13.270	260.321	258.416
3	8+770.493	13.270	261.149	258.463
4	8+778.679	13.348	265.098	258.532
5	8+778.979	13.350	265.098	258.535
6	8+789.258	13.270	265.092	258.632
7	8+790.258	13.278	265.092	258.634
8	8+797.478	13.400	263.989	258.636
9	8+806.083	13.270	263.962	258.766
10	8+814.689	13.400	263.935	258.916
11	8+823.291	13.270	263.908	259.055
12	8+831.897	13.400	263.881	259.195
13	8+840.499	13.270	263.854	259.354
14	8+849.105	13.400	263.827	259.534
15	8+857.708	13.270	263.800	259.734
16	8+866.313	13.400	263.773	259.949
17	8+874.916	13.270	262.908	260.165
18	8+883.521	13.400	262.881	260.381
19	8+892.126	13.270	262.854	260.598
20	8+900.731	13.400	262.827	260.814
21	8+909.336	13.270	262.800	261.030
22	8+917.941	13.400	262.277	261.246
23	8+926.546	13.270	262.250	261.462

PILE SCHEDULE AND WORK POINT TABLE

Date	Designed	TDN	F.A.P. RTE. 337 (IL. RTE. 22) SECTION 19R-1 WEST OF U.S. 12 TO EAST OF BEUSCHING ROAD LAKE COUNTY STATION 8+752.493 TO 8+883.521 STRUCTURE NO. 049-W029	Sheet No.
Revisions	Drawn	BKN		3
	Checked	KWB		of 23
	Approved	KWB		URS Job No. 2100001385.01