



**PILE SUMMARY**

Pile No.	Station	Offset to C/Pile	Pile Designation	Length	Bottom Elevation	Top Elevation	Pile No.	Station	Offset to C/Pile	Pile Designation	Length	Bottom Elevation	Top Elevation	Pile No.	Station	Offset to C/Pile	Pile Designation	Length	Bottom Elevation	Top Elevation
45	3968+36.40	66.95	W18x86	26'-0"	671.34	697.34	57	3969+26.36	69.49	W18x86	26'-0"	672.01	698.01	69	3970+15.61	72.09	W18x86	26'-0"	672.69	698.69
46	3968+43.89	67.17	W18x86	26'-0"	671.40	697.40	58	3969+33.86	69.70	W18x86	26'-0"	672.07	698.07	70	3970+22.94	72.14	W18x86	26'-0"	672.74	698.74
47	3968+51.39	67.38	W18x86	26'-0"	671.45	697.45	59	3969+41.36	69.92	W18x86	26'-0"	672.13	698.13	71	3970+30.27	72.21	W18x86	26'-0"	672.80	698.80
48	3968+58.89	67.59	W18x86	26'-0"	671.51	697.51	60	3969+48.85	70.13	W18x86	26'-0"	672.18	698.18	72	3970+37.60	72.30	W18x86	26'-0"	672.86	698.86
49	3968+66.39	67.80	W18x86	26'-0"	671.57	697.57	61	3969+56.35	70.34	W18x86	26'-0"	672.24	698.24	73	3970+44.99	72.33	W18x86	26'-0"	672.91	698.91
50	3968+73.88	68.01	W18x86	26'-0"	671.62	697.62	62	3969+63.85	70.55	W18x86	26'-0"	672.30	698.30	74	3970+52.33	72.31	W18x86	26'-0"	672.97	698.97
51	3968+81.38	68.22	W18x86	26'-0"	671.68	697.68	63	3969+71.34	70.76	W18x86	26'-0"	672.35	698.35	75	3970+59.66	72.31	W18x86	26'-0"	673.02	699.02
52	3968+88.88	68.43	W18x86	26'-0"	671.73	697.73	64	3969+78.84	70.97	W18x86	26'-0"	672.41	698.41	76	3970+66.99	72.33	W18x86	26'-0"	673.08	699.08
53	3968+96.37	68.65	W18x86	26'-0"	671.79	697.79	65	3969+86.25	71.19	W18x86	26'-0"	672.46	698.46	77	3970+74.34	72.33	W18x86	26'-0"	673.14	699.14
54	3969+03.87	68.86	W18x86	26'-0"	671.85	697.85	66	3969+93.59	71.42	W18x86	26'-0"	672.52	698.52	78	3970+81.67	72.31	W18x86	26'-0"	673.19	699.19
55	3969+11.37	69.07	W18x86	26'-0"	671.90	697.90	67	3970+00.92	71.66	W18x86	26'-0"	672.58	698.58	79	3970+89.00	72.31	W18x86	26'-0"	673.25	699.25
56	3969+18.87	69.28	W18x86	26'-0"	671.96	697.96	68	3970+08.24	71.93	W18x86	26'-0"	672.63	698.63	80	3970+96.33	72.33	W18x86	26'-0"	673.31	699.31

**BILL OF MATERIAL**

Item	Unit	Quantity
Furnishing Soldier Piles (W Section)	Foot	2,400
Drilling and Setting Soldier Piles (In Soil)	Cu. Ft.	14,953
Drilling and Setting Soldier Piles (In Rock)	Cu. Ft.	1,618
Untreated Timber Lagging	Sq Ft	4,368
Stud Shear Connectors	Each	707

Note: All offsets are to the left of centerline of IL Rte 59

**SOLDIER PILE LAYOUT 2  
SN 022-W046**

FILE NAME: I:\6022-W046-084-P1.dwg

**ZROKA** engineering  
Zroka Engineering, P.C.  
4216 North Hermitage  
Chicago, IL 60613

USER NAME - SAW	DESIGNED - LAS	REVISED ADDENDUM A 7/16/12
PLOT SCALE - 3/8"=1'-0"	CHECKED - DAZ	REVISED -
PLOT DATE - 7/8/2012	DRAWN - SAW	REVISED -
	CHECKED - LAS	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SOLDIER PILE LAYOUT 2  
STA. 3965+05.35 TO STA. 3971+00.00 SN 022-W046**  
SHEET NO. SC-4 OF SC-17 SHEETS

F.A.P. RTE. 338	SECTION 2011-036-1	COUNTY DUPAGE	TOTAL SHEETS 234	SHEET NO. 57
CONTRACT NO. 60P42				ILLINOIS FED. AID PROJECT