



PILE SUMMARY

Pile No.	Station	Offset to ϕ Pile	Pile Designation	Length	Bottom Elevation	Top Elevation	Pile No.	Station	Offset to ϕ Pile	Pile Designation	Length	Bottom Elevation	Top Elevation	Pile No.	Station	Offset to ϕ Pile	Pile Designation	Length	Bottom Elevation	Top Elevation
50	4020+93.25	59.82	W18x86	24'-0"	685.75	709.75	61	4021+75.75	59.82	W18x86	24'-0"	685.75	709.75	72	4022+58.25	59.82	W18x86	24'-0"	685.25	709.25
51	4021+00.75	59.82	W18x86	24'-0"	685.75	709.75	62	4021+83.25	59.82	W18x86	24'-0"	685.75	709.75	73	4022+65.75	59.82	W18x86	24'-0"	685.25	709.25
52	4021+08.25	59.82	W18x86	24'-0"	685.75	709.75	63	4021+90.75	59.82	W18x86	24'-0"	685.75	709.75	74	4022+73.25	59.82	W18x86	24'-0"	685.25	709.25
53	4021+15.75	59.82	W18x86	24'-0"	685.75	709.75	64	4021+98.25	59.82	W18x86	24'-0"	685.75	709.75	75	4022+80.75	59.82	W18x86	24'-0"	685.25	709.25
54	4021+23.25	59.82	W18x86	24'-0"	685.75	709.75	65	4022+05.75	59.82	W18x86	24'-0"	685.75	709.75	76	4022+88.25	59.82	W18x86	24'-0"	685.25	709.25
55	4021+30.75	59.82	W18x86	24'-0"	685.75	709.75	66	4022+13.25	59.82	W18x86	24'-0"	685.75	709.75	77	4022+95.75	59.82	W18x86	24'-0"	685.25	709.25
56	4021+38.25	59.82	W18x86	24'-0"	685.75	709.75	67	4022+20.75	59.82	W18x86	24'-0"	685.75	709.75	78	4023+03.20	59.99	W18x86	24'-0"	684.50	708.50
57	4021+45.75	59.82	W18x86	24'-0"	685.75	709.75	68	4022+28.25	59.82	W18x86	24'-0"	685.75	709.75	79	4023+10.36	60.33	W18x86	24'-0"	684.50	708.50
58	4021+53.25	59.82	W18x86	24'-0"	685.75	709.75	69	4022+35.75	59.82	W18x86	24'-0"	685.75	709.75	80	4023+17.52	60.67	W18x86	24'-0"	684.50	708.50
59	4021+60.75	59.82	W18x86	24'-0"	685.75	709.75	70	4022+43.25	59.82	W18x86	24'-0"	685.25	709.25	81	4023+23.46	66.44	W18x86	24'-0"	684.50	708.50
60	4021+68.25	59.82	W18x86	24'-0"	685.75	709.75	71	4022+50.75	59.82	W18x86	24'-0"	685.25	709.25	82	4023+27.53	72.34	W18x86	24'-0"	684.50	708.50

BILL OF MATERIAL

Item	Unit	Quantity
Furnishing Soldier Piles (W Section)	Foot	2,155
Drilling and Setting Soldier Piles (In Soil)	Cu Ft	12,205
Untreated Timber Lagging	Sq Ft	3,221
Stud Shear Connectors	Each	507

Note: All offsets are to the right of ϕ IL Rte. 59

**SOLDIER PILE LAYOUT 2
SN 022-W052**



USER NAME - SAW	DESIGNED - LAS	REVISED -
PLOT SCALE = 30.00' / IN.	CHECKED - DAZ	REVISED -
PLOT DATE = 9/4/2012	DRAWN - SAW	REVISED -
	CHECKED - LAS	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOLDIER PILE LAYOUT 2
STA. 4017 + 22.00 TO STA. 4023 + 28.14 SN 022-W052

SHEET NO. SE-4 OF SE-14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2011-036-1	DUPAGE	234	114
CONTRACT NO. 60P42				

ILLINOIS FED. AID PROJECT