



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	
1	926+13.96	144.89	W27x146	25'-0"	686.33	711.33	16	926+77.47	78.07	W27x146	34'-0"	685.78	719.78	31	927+69.14	79.75	W27x146	34'-0"	681.34	715.34	
2	926+15.33	136.78	W27x146	25'-0"	687.54	712.54	17	926+82.80	77.74	W27x146	34'-0"	685.48	719.48	32	927+75.91	79.91	W27x146	34'-0"	681.04	715.04	
3	926+18.77	129.00	W27x146	25'-0"	688.42	713.42	18	926+88.14	77.51	W27x146	34'-0"	685.18	719.18	33	927+82.55	80.06	W27x146	34'-0"	680.75	714.75	
4	926+22.95	122.96	W27x146	25'-0"	689.30	714.30	19	926+93.48	77.38	W27x146	34'-0"	684.88	718.88	34	927+89.32	80.19	W27x146	34'-0"	680.45	714.45	
5	926+27.23	117.01	W27x146	25'-0"	690.18	715.18	20	926+98.82	77.36	W27x146	34'-0"	684.59	718.59	35	927+96.10	80.30	W27x146	34'-0"	680.15	714.15	
6	926+31.63	111.12	W27x146	25'-0"	691.05	716.05	21	927+03.78	77.44	W27x146	34'-0"	684.31	718.31	36	928+02.87	80.40	W27x146	34'-0"	679.86	713.86	
7	926+36.15	105.32	W27x146	25'-0"	691.93	716.93	22	927+09.12	77.62	W27x146	34'-0"	684.01	718.01	37	928+09.64	80.49	W27x146	34'-0"	679.56	713.56	
8	926+40.79	99.60	W27x146	25'-0"	692.81	717.81	23	927+15.01	77.90	W27x146	34'-0"	683.72	717.72	38	928+16.42	80.55	W27x146	34'-0"	679.26	713.26	
9	926+44.20	95.54	W27x146	34'-0"	684.44	718.44	24	927+21.77	78.19	W27x146	34'-0"	683.42	717.42	39	928+23.19	80.61	W27x146	34'-0"	678.97	712.97	
10	926+48.02	91.13	W27x146	34'-0"	685.14	719.14	25	927+28.53	78.46	W27x146	34'-0"	683.12	717.12	40	928+29.97	80.64	W27x146	34'-0"	678.67	712.67	
11	926+51.93	86.78	W27x146	34'-0"	685.83	719.83	26	927+35.30	78.71	W27x146	34'-0"	682.82	716.82	41	928+36.74	80.66	W27x146	34'-0"	678.37	712.37	
12	926+55.91	82.49	W27x146	34'-0"	686.53	720.53	27	927+42.07	78.95	W27x146	34'-0"	682.53	716.53	42	928+43.52	80.67	W27x146	34'-0"	678.07	712.07	
13	926+61.54	79.71	W27x146	34'-0"	686.67	720.67	28	927+48.83	79.18	W27x146	34'-0"	682.23	716.23	43	928+50.29	80.66	W27x146	34'-0"	677.78	711.78	
14	926+66.84	79.06	W27x146	34'-0"	686.37	720.37	29	927+55.60	79.38	W27x146	34'-0"	681.93	715.93	44	928+57.07	80.63	W27x146	34'-0"	677.48	711.48	
15	926+72.14	78.52	W27x146	34'-0"	686.07	720.07	30	927+62.37	79.58	W27x146	34'-0"	681.64	715.64								

BILL OF MATERIAL

Item	Unit	Quantity
Furnishing Soldier Piles (W Section)	Foot	1,424
Drilling and Setting Soldier Piles (In Soil)	Cu Ft	8,522
Untreated Timber Lagging	Sq Ft	1,828
Stud Shear Connectors	Each	345

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

**SOLDIER PILE LAYOUT
SN 022-W066**



USER NAME = SAW	DESIGNED - LAS	REVISED -
	CHECKED - DAZ	REVISED -
PLOT SCALE = 26.667' / IN.	DRAWN - SAW	REVISED -
PLOT DATE = 10/10/2012	CHECKED - JLA	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOLDIER PILE LAYOUT
STRUCTURE NUMBER 022-W066**

SHEET NO. SE-3 OF SE-11 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	(112 & 113) WRS-5	DUPAGE	963	675
CONTRACT NO. 60131			ILLINOIS FED. AID PROJECT	

FILE NAME = ...E0131-W066-003-P1-PL.dwg