



ELEVATION

PILE SUMMARY

Pile No.	Station	Offset to \bar{C} of Pile	Pile Designation	Length	Bottom Elevation	Top Elevation	Pile No.	Station	Offset to \bar{C} of Pile	Pile Designation	Length	Bottom Elevation	Top Elevation	Pile No.	Station	Offset to \bar{C} of Pile	Pile Designation	Length	Bottom Elevation	Top Elevation
1	4020+78.00	56.75	W36x282	35'-0"	675.25	710.25	13	4019+70.00	57.37	W21x122	30'-0"	680.25	710.25	25	4018+98.00	57.37	W21x122	26'-0"	684.25	710.25
2	4020+68.79	56.75	W36x282	35'-0"	675.25	710.25	14	4019+64.00	57.37	W21x122	30'-0"	680.25	710.25	26	4018+92.00	57.37	W21x122	26'-0"	684.25	710.25
3	4020+59.58	56.75	W36x282	35'-0"	675.25	710.25	15	4019+58.00	57.37	W21x122	30'-0"	680.25	710.25	27	4018+86.00	57.37	W21x122	26'-0"	684.25	710.25
4	4020+52.58	56.75	W36x282	35'-0"	675.25	710.25	16	4019+52.00	57.37	W21x122	30'-0"	680.25	710.25	28	4018+80.00	57.37	W21x122	26'-0"	684.25	710.25
5	4020+36.08	56.75	W36x282	35'-0"	675.25	710.25	17	4019+46.00	57.37	W21x122	30'-0"	680.25	710.25	29	4018+74.00	57.37	W21x122	26'-0"	684.25	710.25
6	4020+29.08	56.75	W36x282	35'-0"	675.25	710.25	18	4019+40.00	57.37	W21x122	30'-0"	680.25	710.25	30	4018+68.00	57.37	W21x122	26'-0"	684.25	710.25
7	4020+20.96	56.75	W36x282	35'-0"	675.25	710.25	19	4019+34.00	57.37	W21x122	30'-0"	680.25	710.25	31	4018+62.00	57.37	W21x122	26'-0"	684.25	710.25
8	4020+12.83	56.75	W36x282	35'-0"	675.25	710.25	20	4019+28.00	57.37	W21x122	30'-0"	680.25	710.25	32	4018+55.97	57.49	W21x122	26'-0"	684.25	710.25
9	4020+05.83	56.75	W36x282	35'-0"	675.25	710.25	21	4019+22.00	57.37	W21x122	30'-0"	680.25	710.25	33	4018+49.97	57.65	W21x122	26'-0"	684.25	710.25
10	4019+92.83	56.75	W36x282	35'-0"	675.25	710.25	22	4019+16.00	57.37	W21x122	26'-0"	684.25	710.25	34	4018+43.97	57.82	W21x122	26'-0"	684.25	710.25
11	4019+83.00	56.75	W36x282	35'-0"	675.25	710.25	23	4019+10.00	57.37	W21x122	26'-0"	684.25	710.25	35	4018+37.97	57.97	W21x122	26'-0"	684.25	710.25
12	4019+76.00	57.37	W21x122	30'-0"	680.25	710.25	24	4019+04.00	57.37	W21x122	26'-0"	684.25	710.25	36	4018+31.97	58.14	W21x122	26'-0"	684.25	710.25

BILL OF MATERIAL

Item	Unit	Quantity
Furnishing Soldier Piles (W Section)	Foot	1,075
Drilling and Setting Soldier Piles (In Soil)	Cu Ft	7,996
Untreated Timber Lagging	Sq Ft	1,196
Stud Shear Connectors	Each	216

Note: All offsets are to the left of \bar{C} of Proposed IL Rte 59

FILE NAME = ...60R31-W051-003-F1.plt.dwg



DESIGNED - JLA
CHECKED - LAS
SCALE - NONE
DATE - 12/14/2012

REVISIED -
REVISIED -
REVISIED -
REVISIED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOLDIER PILE LAYOUT
STA. 4018 + 30.06 TO STA. 4020 + 80.00 S.N. 022-W051

SHEET NO. SC-3 OF SC-12 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-6	DUPAGE	734	511
CONTRACT NO. 60R31				
ILLINOIS FED. AID PROJECT				