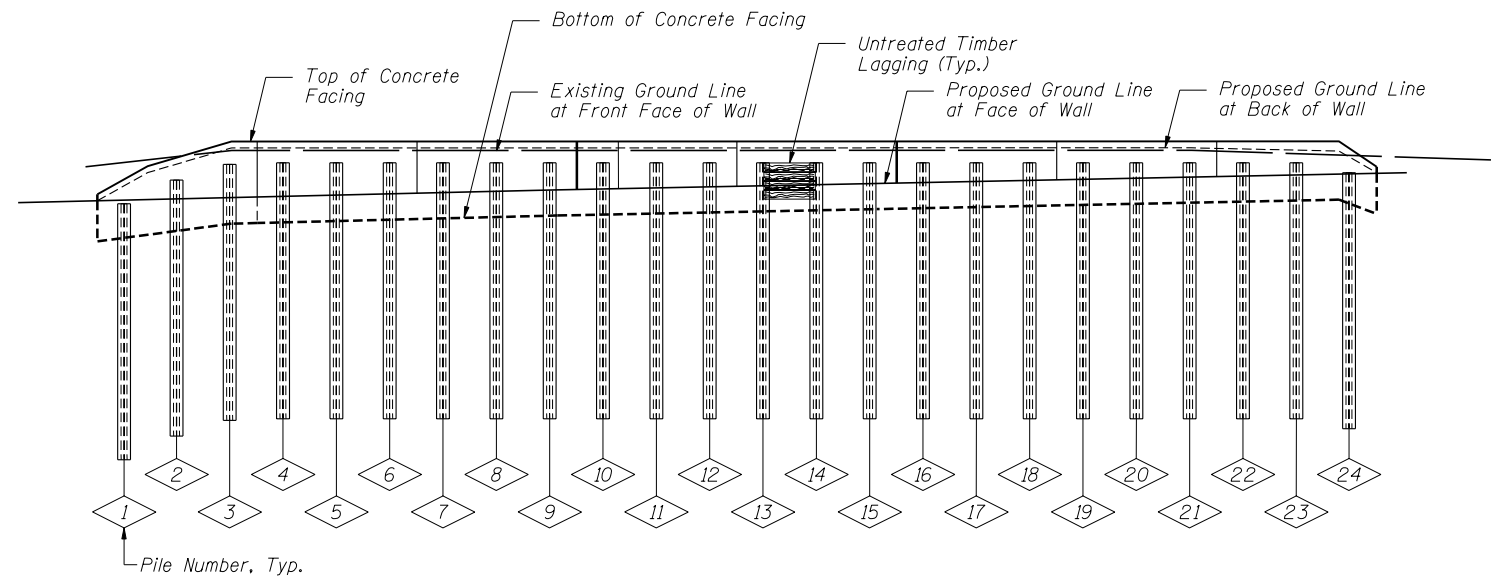


PLAN



ELEVATION

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
1	3911+34.41	76.94	W18x40	20'-0"	675.87	695.87	13	3912+34.17	72.32	W18x40	20'-0"	678.83	698.83
2	3911+42.72	76.44	W18x40	20'-0"	677.59	697.59	14	3912+42.50	72.32	W18x40	20'-0"	678.83	698.83
3	3911+51.04	75.95	W18x40	20'-0"	678.82	698.82	15	3912+50.83	72.32	W18x40	20'-0"	678.83	698.83
4	3911+59.36	75.45	W18x40	20'-0"	678.83	698.83	16	3912+59.17	72.32	W18x40	20'-0"	678.83	698.83
5	3911+67.68	74.95	W18x40	20'-0"	678.83	698.83	17	3912+67.50	72.32	W18x40	20'-0"	678.83	698.83
6	3911+76.00	74.45	W18x40	20'-0"	678.83	698.83	18	3912+75.83	72.32	W18x40	20'-0"	678.83	698.83
7	3911+84.32	73.95	W18x40	20'-0"	678.83	698.83	19	3912+84.17	72.32	W18x40	20'-0"	678.83	698.83
8	3911+92.63	73.45	W18x40	20'-0"	678.83	698.83	20	3912+92.50	72.32	W18x40	20'-0"	678.83	698.83
9	3912+00.95	72.95	W18x40	20'-0"	678.83	698.83	21	3913+00.83	72.32	W18x40	20'-0"	678.83	698.83
10	3912+09.27	72.45	W18x40	20'-0"	678.83	698.83	22	3913+09.17	72.32	W18x40	20'-0"	678.83	698.83
11	3912+17.50	72.32	W18x40	20'-0"	678.83	698.83	23	3913+17.50	72.32	W18x40	20'-0"	678.83	698.83
12	3912+25.83	72.32	W18x40	20'-0"	678.83	698.83	24	3913+25.83	72.32	W18x40	20'-0"	678.25	698.25

BILL OF MATERIAL

Item	Unit	Quantity
Furnishing Soldier Piles (W Section)	Foot	480
Drilling and Setting Soldier Piles (In Soil)	Cu Ft	1,605
Untreated Timber Lagging	Sq Ft	743
Stud Shear Connectors	Each	114

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

**SOLDIER PILE LAYOUT
SN 022-W042**

FILE NAME = ...EGP42-W042-002-F1.dwg



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

USER NAME = SAW	DESIGNED - LAS	REVISED -
PLOT SCALE = 38.00' / IN.	CHECKED - DAZ	REVISED -
PLOT DATE = 5/9/2012	DRAWN - SAW	REVISED -
	CHECKED - LAS	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOLDIER PILE LAYOUT
STA. 3911 + 30.14 TO STA. 3913 + 30.00 SN 022-W042**

SHEET NO. SD-2 OF SD-8 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2011-036-1	DUPAGE	234	89
CONTRACT NO. 60P42				
ILLINOIS FED. AID PROJECT				