

PILE LAYOUT

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90		COOK	565	401
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
62301		*(2021-922 PT2 ETC 2324.6-1P) R-10		

Pile	Offset* (ft.)	Top of Wall El.	Top of Pile Elevation	Bot. of Facing Elevation	Section	Pile Tip Elevation	Pile Length (ft.)
P-1	-4.05	14.10	13.10	10.14	W14x61	-9.24	22.33
P-2	-4.05	14.27	13.27	10.27	W14x61	-9.24	22.51
P-3	-4.05	14.45	13.45	10.40	W14x61	-9.24	22.69
P-4	-4.06	14.63	13.63	10.67	W14x61	-8.73	22.36
P-5	-4.06	14.81	13.81	10.81	W14x61	-8.73	22.54
P-6	-4.06	14.99	13.99	10.94	W14x61	-8.73	22.72
P-7	-4.06	15.15	14.15	11.19	W14x61	-8.61	22.77
P-8	-4.06	15.30	14.30	11.30	W14x61	-8.61	22.92
P-9	-4.06	15.45	14.45	11.42	W14x61	-8.61	23.07
P-10	-4.06	15.59	14.59	11.62	W14x61	-8.98	23.58
P-11	-4.06	15.72	14.72	11.72	W14x61	-8.98	23.71
P-12	-4.06	15.85	14.85	11.81	W14x61	-8.98	23.84
P-13	-4.07	15.98	14.98	11.81	W14x61	-9.38	24.36
P-14	-4.07	16.11	15.11	11.71	W14x61	-9.38	24.49
P-15	-4.07	16.24	15.24	11.61	W14x61	-9.38	24.61
P-16	-4.07	16.36	15.36	11.43	W14x61	-9.70	25.07
P-17	-4.07	16.49	15.49	11.35	W14x61	-9.70	25.19
P-18	-4.07	16.62	15.62	11.27	W14x61	-9.70	25.32
P-19	-3.67	16.71	15.71	11.13	W24x68	-9.86	25.57
P-20	-3.67	16.78	15.78	11.06	W24x68	-9.86	25.64
P-21	-3.67	16.85	15.85	11.00	W24x68	-9.86	25.70
P-22	-3.67	16.90	15.90	10.90	W24x68	-10.03	25.93
P-23	-3.67	16.95	15.95	10.86	W24x68	-10.03	25.99
P-24	-3.67	17.01	16.01	10.81	W24x68	-10.03	26.04
P-25	-3.68	17.04	16.04	10.74	W24x68	-10.13	26.17
P-26	-3.68	17.06	16.06	10.72	W24x68	-10.13	26.19
P-27	-3.68	17.07	16.07	10.70	W24x68	-10.13	26.20
P-28	-3.69	17.08	16.08	10.66	W24x68	-10.16	26.24
P-29	-3.69	17.08	16.08	10.66	W24x68	-10.16	26.24
P-30	-3.69	17.09	16.09	10.65	W24x68	-10.16	26.24
P-31	-3.69	17.08	16.08	10.65	W24x68	-11.35	27.43
P-32	-3.69	17.07	16.07	10.67	W24x68	-11.35	27.42
P-33	-3.69	17.06	16.06	10.68	W24x68	-11.35	27.40
P-34	-3.69	17.03	16.03	10.72	W24x68	-11.30	27.33
P-35	-3.69	16.99	15.99	10.75	W24x68	-11.30	27.29
P-36	-3.69	16.96	15.96	10.78	W24x68	-11.30	27.25
P-37	-3.70	16.89	15.89	10.86	W24x68	-11.18	27.07
P-38	-3.70	16.80	15.80	10.91	W24x68	-11.18	26.98
P-39	-3.70	16.71	15.71	10.96	W24x68	-11.18	26.89
P-40	-4.11	16.62	15.62	11.08	W14x61	-9.58	25.20
P-41	-4.11	16.54	15.54	11.15	W14x61	-9.58	25.11
P-42	-4.11	16.45	15.45	11.21	W14x61	-9.58	25.02
P-43	-4.11	16.36	15.36	11.36	W14x61	-9.31	24.67
P-44	-4.11	16.26	15.26	11.45	W14x61	-9.31	24.57
P-45	-4.11	16.16	15.16	11.54	W14x61	-9.31	24.47
P-46	-4.12	16.04	15.04	11.65	W14x61	-8.97	24.01
P-47	-4.12	15.91	14.91	11.67	W14x61	-8.97	23.88
P-48	-4.12	15.77	14.77	11.70	W14x61	-8.97	23.74
P-49	-4.30	15.64	14.64	11.60	W10x33	-4.70	19.34
P-50	-4.30	15.48	14.48	11.48	W10x33	-4.70	19.18
P-51	-4.30	15.32	14.32	11.36	W10x33	-4.70	19.02
P-52	-4.30	15.16	14.16	11.12	W10x33	-4.25	18.42
P-53	-4.30	15.00	14.00	11.00	W10x33	-4.25	18.26
P-54	-4.30	14.84	13.84	10.88	W10x33	-4.25	18.10

*From La Salle St.

NOTES

- All W10 and W14 piles have drilled shaft dia = 2'-0".
- All W24 piles have drilled shaft dia = 3'-0".

BILL OF MATERIAL

Item	Unit	Quantity
Furnishing Soldier Piles (W Sections)	Foot	1,315
Drilling and Setting Soldier Piles (In Soil)	Cu. Ft.	(6,293)

SHEET 5 OF 9

REVISIONS	
NAME	DATE
REVISOR	06/15/06
ADDENDUM 2	8/04/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
 RETAINING WALL N-43N-F
 PILE LAYOUT

SCALE: NTS
 DATE: JUNE 9, 2006

DRAWN BY: MTR
 CHECKED BY: BLU

BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
 www.bbandainc.com

06/20/06