

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	588	440
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
62303		*I2021-922 PT2 ETC 2324.6-1P1 R-11		

**PILE LAYOUT**

Pile	Offset*	Top of Wall El.	Top of Pile Elevation	Bott. of Facing Elevation	Section	Pile Tip Elevation	Pile Length
P-1	-133.59	15.67	14.67	11.66	W10x33	-4.53	19.13
P-2	-133.59	15.66	14.66	11.66	W10x33	-4.53	19.12
P-3	-133.59	15.65	14.65	11.65	W10x33	-4.53	19.11
P-4	-133.59	15.64	14.64	11.64	W10x33	-4.53	19.09
P-5	-133.59	15.63	14.63	11.63	W10x33	-4.55	19.12
P-6	-133.59	15.63	14.63	11.62	W10x33	-4.55	19.11
P-7	-133.59	15.62	14.62	11.62	W10x33	-4.55	19.10
P-8	-133.59	15.61	14.61	11.62	W10x33	-4.55	19.10
P-9	-133.59	15.61	14.61	11.61	W10x33	-5.02	19.63
P-10	-133.59	15.62	14.62	11.61	W10x33	-5.02	19.63
P-11	-133.59	15.62	14.62	11.62	W10x33	-5.02	19.63
P-12	-133.59	15.62	14.62	11.62	W10x33	-5.02	19.64
P-13	-133.59	15.62	14.62	11.61	W10x33	-5.59	20.20
P-14	-133.59	15.60	14.60	11.60	W10x33	-5.59	20.19
P-15	-133.59	15.59	14.59	11.59	W10x33	-5.59	20.17
P-16	-133.59	15.57	14.57	11.58	W10x33	-5.59	20.16
P-17	-133.59	15.56	14.56	11.56	W10x33	-6.05	20.62
P-18	-133.59	15.56	14.56	11.56	W10x33	-6.05	20.62
P-19	-133.59	15.56	14.56	11.56	W10x33	-6.05	20.61
P-20	-133.59	15.56	14.56	11.56	W10x33	-6.05	20.61
P-21	-133.65	15.56	14.56	11.55	W12x40	-7.36	21.92
P-22	-133.65	15.55	14.55	11.55	W12x40	-7.36	21.91
P-23	-133.65	15.55	14.55	11.55	W12x40	-7.36	21.91
P-24	-133.65	15.55	14.55	11.55	W12x40	-7.36	21.91
P-25	-133.65	15.55	14.55	11.54	W12x40	-7.61	22.16
P-26	-133.65	15.55	14.55	11.53	W12x40	-7.61	22.15
P-27	-133.65	15.55	14.55	11.52	W12x40	-7.61	22.15
P-28	-133.65	15.54	14.54	11.52	W12x40	-7.61	22.15
P-29	-133.65	15.54	14.54	11.48	W12x40	-7.74	22.28
P-30	-133.65	15.53	14.53	11.46	W12x40	-7.74	22.27
P-31	-133.65	15.52	14.52	11.43	W12x40	-7.74	22.26
P-32	-133.65	15.51	14.51	11.41	W12x40	-7.74	22.25
P-33	-133.65	15.51	14.51	11.37	W12x40	-7.76	22.27
P-34	-133.65	15.51	14.51	11.37	W12x40	-7.76	22.27
P-35	-133.65	15.51	14.51	11.36	W12x40	-7.76	22.27
P-36	-133.65	15.51	14.51	11.36	W12x40	-7.76	22.26
P-37	-133.61	15.51	14.51	11.37	W12x40	-7.15	21.65
P-38	-133.61	15.51	14.51	11.39	W12x40	-7.15	21.65
P-39	-133.61	15.51	14.51	11.40	W12x40	-7.15	21.65
P-40	-133.61	15.51	14.51	11.42	W12x40	-7.15	21.65
P-41	-133.61	15.50	14.50	11.45	W12x40	-7.05	21.56
P-42	-133.61	15.50	14.50	11.46	W12x40	-7.05	21.55
P-43	-133.61	15.50	14.50	11.47	W12x40	-7.05	21.55
P-44	-133.61	15.49	14.49	11.48	W12x40	-7.05	21.55
P-45	-133.61	15.49	14.49	11.49	W12x40	-6.85	21.34
P-46	-133.61	15.49	14.49	11.48	W12x40	-6.85	21.33
P-47	-133.61	15.48	14.48	11.48	W12x40	-6.85	21.33
P-48	-133.61	15.48	14.48	11.48	W12x40	-6.85	21.33
P-49	-133.61	15.47	14.47	11.47	W12x40	-6.53	21.00
P-50	-133.61	15.47	14.47	11.47	W12x40	-6.53	21.00
P-51	-133.61	15.47	14.47	11.46	W12x40	-6.53	20.99
P-52	-133.61	15.46	14.46	11.46	W12x40	-6.53	20.99
P-53	-133.61	15.46	14.46	11.45	W12x40	-6.10	20.56
P-54	-133.61	15.45	14.45	11.44	W12x40	-6.10	20.55
P-55	-133.61	15.43	14.43	11.43	W12x40	-6.10	20.53
P-56	-133.61	15.42	14.42	11.42	W12x40	-6.10	20.52
P-57	-133.61	15.41	14.41	11.40	W12x40	-5.56	19.97
P-58	-133.61	15.39	14.39	11.39	W12x40	-5.56	19.95
P-59	-133.61	15.37	14.37	11.38	W12x40	-5.56	19.93
P-60	-133.61	15.35	14.35	11.37	W12x40	-5.56	19.91

\*Offset from @ South Bound Local Lanes

**NOTES**

1. All piles have drilled shaft dia = 2'-0".

**BILL OF MATERIAL**

Item	Unit	Quantity
Furnishing Soldier Piles (W Sections)	Foot	1,254
Drill/Set Soldier Piles (In Soil)	Cu. Ft.	4,139

SHEET 5 OF 9

REVISIONS	
NAME	DATE
REVISED	06/15/06

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 GARFIELD BLVD TO 31ST STREET (SB LOCAL LANES)  
 RETAINING WALL S-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



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