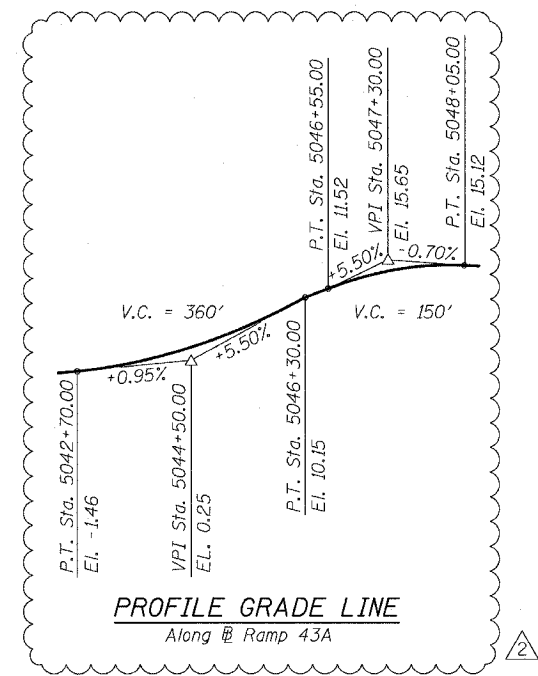


F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	588	440
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
62303		*(2021-922 PT2 ETC 2324.6-1P) R-11		

**PILE LAYOUT**

Pile	Offset* (Ft.)	Top of Wall El.	Top of Pile Elevation	Bott. of Facing Elevation	Section	Pile Tip Elevation	Pile Length (Ft.)
P-1	3.98	15.67	14.67	11.66	W12x40	-4.53	19.13
P-2	3.98	15.66	14.66	11.66	W12x40	-4.53	19.12
P-3	3.98	15.65	14.65	11.65	W12x40	-4.53	19.11
P-4	3.98	15.64	14.64	11.64	W12x40	-4.53	19.09
P-5	3.99	15.63	14.63	11.63	W12x40	-4.55	19.12
P-6	3.99	15.63	14.63	11.62	W12x40	-4.55	19.11
P-7	3.99	15.62	14.62	11.62	W12x40	-4.55	19.10
P-8	3.99	15.61	14.61	11.62	W12x40	-4.55	19.10
P-9	3.99	15.61	14.61	11.61	W12x40	-5.02	19.63
P-10	3.99	15.62	14.62	11.61	W12x40	-5.02	19.63
P-11	3.99	15.62	14.62	11.62	W12x40	-5.02	19.63
P-12	3.99	15.62	14.62	11.62	W12x40	-5.02	19.64
P-13	3.99	15.62	14.62	11.61	W12x40	-5.59	20.20
P-14	3.99	15.60	14.60	11.60	W12x40	-5.59	20.19
P-15	3.99	15.59	14.59	11.59	W12x40	-5.59	20.17
P-16	3.99	15.57	14.57	11.58	W12x40	-5.59	20.16
P-17	4.00	15.56	14.56	11.56	W12x40	-6.05	20.62
P-18	4.00	15.56	14.56	11.56	W12x40	-6.05	20.62
P-19	4.00	15.56	14.56	11.56	W12x40	-6.05	20.61
P-20	4.00	15.56	14.56	11.56	W12x40	-6.05	20.61
P-21	4.00	15.56	14.56	11.55	W12x40	-7.36	21.92
P-22	4.00	15.55	14.55	11.55	W12x40	-7.36	21.91
P-23	4.00	15.55	14.55	11.55	W12x40	-7.36	21.91
P-24	4.00	15.55	14.55	11.55	W12x40	-7.36	21.91
P-25	4.00	15.55	14.55	11.54	W12x40	-7.61	22.16
P-26	4.00	15.55	14.55	11.53	W12x40	-7.61	22.15
P-27	4.00	15.55	14.55	11.52	W12x40	-7.61	22.15
P-28	4.00	15.54	14.54	11.52	W12x40	-7.61	22.15
P-29	4.01	15.54	14.54	11.48	W12x40	-7.74	22.28
P-30	4.01	15.53	14.53	11.46	W12x40	-7.74	22.27
P-31	4.01	15.52	14.52	11.43	W12x40	-7.74	22.26
P-32	4.01	15.51	14.51	11.41	W12x40	-7.74	22.25
P-33	4.01	15.51	14.51	11.37	W12x40	-7.76	22.27
P-34	4.01	15.51	14.51	11.37	W12x40	-7.76	22.27
P-35	4.01	15.51	14.51	11.36	W12x40	-7.76	22.27
P-36	4.01	15.51	14.51	11.36	W12x40	-7.76	22.26
P-37	4.01	15.51	14.51	11.37	W12x40	-7.15	21.65
P-38	4.01	15.51	14.51	11.39	W12x40	-7.15	21.65
P-39	4.01	15.51	14.51	11.40	W12x40	-7.15	21.65
P-40	4.01	15.51	14.51	11.42	W12x40	-7.15	21.65
P-41	4.02	15.50	14.50	11.45	W12x40	-7.05	21.56
P-42	4.02	15.50	14.50	11.46	W12x40	-7.05	21.55
P-43	4.02	15.50	14.50	11.47	W12x40	-7.05	21.55
P-44	4.02	15.49	14.49	11.48	W12x40	-7.05	21.55
P-45	4.02	15.49	14.49	11.49	W12x40	-6.85	21.34
P-46	4.02	15.49	14.49	11.48	W12x40	-6.85	21.33
P-47	4.02	15.48	14.48	11.48	W12x40	-6.85	21.33
P-48	4.02	15.48	14.48	11.48	W12x40	-6.85	21.33
P-49	4.02	15.47	14.47	11.47	W12x40	-6.53	21.00
P-50	4.02	15.47	14.47	11.47	W12x40	-6.53	21.00
P-51	4.02	15.47	14.47	11.46	W12x40	-6.53	20.99
P-52	4.02	15.46	14.46	11.46	W12x40	-6.53	20.99
P-53	4.03	15.46	14.46	11.45	W12x40	-6.10	20.56
P-54	4.03	15.45	14.45	11.44	W12x40	-6.10	20.55
P-55	4.03	15.43	14.43	11.43	W12x40	-6.10	20.53
P-56	4.03	15.42	14.42	11.42	W12x40	-6.10	20.52
P-57	4.03	15.41	14.41	11.40	W12x40	-5.56	19.97
P-58	4.03	15.39	14.39	11.39	W12x40	-5.56	19.95
P-59	4.03	15.37	14.37	11.38	W12x40	-5.56	19.93
P-60	4.03	15.35	14.35	11.37	W12x40	-5.56	19.91

\*Offset from @ Wentworth Ave.



**NOTES**

- 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.	(3,951)

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 (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.bbainc.com

8/3/2006 8:46:35 AM  
 W:\66024\CONTRACT\RET WALL\66024\588\543N-F.dwg