



UNIT NO.	WALL TYPE	REINFORCEMENT BAR PLACING TABLE															
		FOOTING				STEM				FOOTING				STEM			
		FTG. MARK	REIN. IN EA. BAND	NO. OF BANDS	STEM MARK	REIN. IN EA. BAND	NO. OF BANDS	STEM MARK	FTG. MARK	REIN. IN EA. BAND	NO. OF BANDS	STEM MARK	REIN. IN EA. BAND	NO. OF BANDS	STEM MARK		
1	F-1	1	5	12	F501	1	TOP	V1	13	5	36	V501	1	R-F			
1	F-1	2	5	12	F501	1	TOP	V2	14	5	36	V501	1	R-F			
1	F-1	3	5	12	F502	1	TOP	V3	15	5	36	V501	1	R-F			
1	F-1	4	5	12	F502	1	TOP	V4	16	5	36	V501	1	R-F			
1	F-1	5	5	12	F503	1	R-F	V5	17	5	36	V501	1	R-F			
1	F-1	6	5	12	F504	1	R-F	V6	18	5	36	V502	1	R-F			
1	F-1	7	5	12	F505	1	R-F	V7	19	5	36	V502	1	R-F			
1	F-1	8	5	12	F506	1	R-F	V8	20	5	36	V502	1	R-F			
1	F-1	9	5	12	F507	1	R-F	V9	21	5	36	V502	1	R-F			
1	F-1	10	5	12	F508	1	R-F	V10	22	5	36	V502	1	R-F			
1	F-1	11	5	12	F509	1	R-F	V11	23	5	36	V502	1	R-F			
1	F-1	12	5	12	F510	1	R-F	V12	24	5	36	V502	1	R-F			
2	F-2	1	5	12	F501	1	TOP	V1	13	5	36	V501	1	R-F			
2	F-2	2	5	12	F502	1	TOP	V2	14	5	36	V501	1	R-F			
2	F-2	3	5	12	F503	1	R-F	V3	15	5	36	V501	1	R-F			
2	F-2	4	5	12	F504	1	R-F	V4	16	5	36	V501	1	R-F			
2	F-2	5	5	12	F505	1	R-F	V5	17	5	36	V501	1	R-F			
2	F-2	6	5	12	F506	1	R-F	V6	18	5	36	V502	1	R-F			
2	F-2	7	5	12	F507	1	R-F	V7	19	5	36	V502	1	R-F			
2	F-2	8	5	12	F508	1	R-F	V8	20	5	36	V502	1	R-F			
2	F-2	9	5	12	F509	1	R-F	V9	21	5	36	V502	1	R-F			
2	F-2	10	5	12	F510	1	R-F	V10	22	5	36	V502	1	R-F			
3	F-3	1	5	12	F501	1	TOP	V1	13	5	36	V501	1	R-F			
3	F-3	2	5	12	F502	1	TOP	V2	14	5	36	V501	1	R-F			
3	F-3	3	5	12	F503	1	R-F	V3	15	5	36	V501	1	R-F			
3	F-3	4	5	12	F504	1	R-F	V4	16	5	36	V501	1	R-F			
3	F-3	5	5	12	F505	1	R-F	V5	17	5	36	V501	1	R-F			
3	F-3	6	5	12	F506	1	R-F	V6	18	5	36	V502	1	R-F			
3	F-3	7	5	12	F507	1	R-F	V7	19	5	36	V502	1	R-F			
3	F-3	8	5	12	F508	1	R-F	V8	20	5	36	V502	1	R-F			
3	F-3	9	5	12	F509	1	R-F	V9	21	5	36	V502	1	R-F			
3	F-3	10	5	12	F510	1	R-F	V10	22	5	36	V502	1	R-F			

NOTES:  
 1. SEE GENERAL NOTES AND STANDARD DETAILS SEE SHT. NO. 51 FOR DETAILS, DIMENSIONS ETC. OF WALL TYPES 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.  
 2. SEE SHEETS NO. 94-99 FOR BAR LIST, DETAIL, TYPICAL WALL SECTIONS AND ELEVATIONS SEE SHEET NO. 93.  
 3. EXPANSION JOINT FOR DETAILS SEE SHT. NO. 81.  
 4. CONSTRUCTION JOINT FOR DETAILS SEE SHT. NO. 81.  
 5. B-78 INDICATES TEST BORING.  
 6. INDICATES TEST PILE.  
 7. FOR ADDITIONAL PLAN GEOMETRICS SEE ALIGNMENT & TIES STA. 1500 TO STA. 174+00 SHEET NO. 27.  
 8. FOR DETAILS OF R.C.M.P. SEE SHEET NO. 75.

SOILS DATA	
FOOTING MARK	DESIGN CONDITION
F-1, F-2 AND F-3	ALLOWABLE SOIL PRESSURE = 3000 PSF
F-1, F-2, F-3, F-4, F-5, F-6, F-7 AND F-8	CONCRETE PILE EST. LENGTH = 25 FT.

ILLINOIS DIVISION OF HIGHWAYS  
 SOUTH EXPRESSWAY  
**RETAINING WALL**  
**W-3**

SHEET 18 OF 24

FOR INFORMATION ONLY

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 GARFIELD BLVD TO 31ST STREET (SB LOCAL LANES)  
 COOK COUNTY  
 STA. 3532+90.57 TO STA. 3543+57.42  
 RETAINING WALL S-45S-F  
 EXISTING RET. WALL PLAN 1  
 S.N. 016-W978

SCALE: NTS  
 DATE: JUNE 9, 2006

DRAWN BY:  
 CHECKED BY: BLU

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