



REINFORCEMENT BAR PLACING TABLE																																																							
UNIT NO.	WALL TYPE	FOOTING				STEM				UNIT NO.	WALL TYPE	FOOTING				STEM																																							
		FTG. MARK	REINF. IN EA. BAND NO. SIZE SPC. MARK	NO. OF BANDS LOCATION	STEM MARK	REINF. IN EA. BAND NO. SIZE SPC. MARK	NO. OF BANDS LOCATION	FTG. MARK	REINF. IN EA. BAND NO. SIZE SPC. MARK			NO. OF BANDS LOCATION	STEM MARK	REINF. IN EA. BAND NO. SIZE SPC. MARK	NO. OF BANDS LOCATION																																								
1	F-1	b1	40	5	12	F901	I-BOT.	V1	7	5	36	V901	I-FF	4	F-4	b1	91	5	12	F906	I-BOT.	V1	9	5	36	V904	I-FF	7	F-7	b1	90	5	12	F908	I-BOT.	V1	9	5	36	V909	I-FF	8	F-8	b1	92	5	12	F908	I-BOT.	V1	9	5	36	V911	I-FF
		b2	41	5	12	F901	I-TOP	V2	21	5	12	V901	I-RF			b2	91	5	12	F901	I-TOP	V2	26	5	12	V904	I-RF			b2	91	5	12	F908	I-TOP	V2	26	5	12	V909	I-RF														
		l1	4	5	18	F902	I-TOP (LAP)	h1	4	5	18	H901	I-FF			l1	5	5	24	F909	I-TOP (LAP)	h1	5	5	18	H903	I-FF			l1	4	5	24	F909	I-TOP (LAP)	h1	4	5	18	H903	I-FF														
		l2	4	5	18	F902	I-TOP (LAP)	h2	8	5	36	H901	I-RF			l2	6	5	18	F909	I-TOP (LAP)	h2	4	5	36	H903	I-RF			l2	4	5	24	F909	I-TOP (LAP)	h2	3	5	36	H903	I-RF														
		d1	14	5	36	F905	I-FF	V1	7	5	36	V901	I-FF			d1	18	5	36	F909	I-FF	V1	9	5	36	V909	I-FF			d1	18	5	36	F909	I-FF	V1	9	5	36	V910	I-FF														
		d2	14	5	36	F905	I-FF	V2	20	5	12	V901	I-RF			d2	18	5	36	F909	I-FF	V2	23	5	12	V909	I-RF			d2	18	5	36	F909	I-FF	V2	23	5	12	V910	I-RF														
	2	F-2	b1	51	5	12	F901	I-BOT.	V1	9	5	36	V902	I-FF	5	F-9	b1	91	5	12	F906	I-BOT.	V1	9	5	36	V904	I-FF	8	F-8	b1	92	5	12	F908	I-BOT.	V1	9	5	36	V911	I-FF													
			b2	51	5	12	F901	I-TOP	V2	26	5	12	V902	I-RF			b2	91	5	12	F906	I-TOP	V2	26	5	12	V904	I-RF			b2	91	5	12	F908	I-TOP	V2	26	5	12	V911	I-RF													
			l1	4	5	18	F909	I-TOP (LAP)	h1	3	5	36	H903	I-FF			l1	5	5	24	F909	I-TOP (LAP)	h1	5	5	18	H903	I-FF			l1	4	5	24	F909	I-TOP (LAP)	h1	4	5	18	H903	I-FF													
			l2	4	5	18	F909	I-TOP (LAP)	h2	3	5	36	H903	I-RF			l2	6	5	18	F909	I-TOP (LAP)	h2	4	5	36	H903	I-RF			l2	4	5	24	F909	I-TOP (LAP)	h2	3	5	36	H903	I-RF													
			d1	18	5	36	F903	I-FF	V1	9	5	36	V902	I-FF			d1	18	5	36	F909	I-FF	V1	9	5	36	V906	I-FF			d1	18	5	36	F909	I-FF	V1	9	5	36	V912	I-FF													
			d2	18	5	36	F903	I-FF	V2	25	5	12	V902	I-RF			d2	18	5	36	F909	I-FF	V2	25	5	12	V906	I-RF			d2	18	5	36	F909	I-FF	V2	25	5	12	V912	I-RF													
3	F-3	b1	51	5	12	F906	I-BOT.	V1	9	5	36	V903	I-FF	6	F-6	b1	92	5	12	F906	I-BOT.	V1	9	5	36	V907	I-FF	8	F-8	b1	92	5	12	F908	I-BOT.	V1	9	5	36	V911	I-FF														
		b2	51	5	12	F906	I-TOP	V2	26	5	12	V903	I-RF			b2	91	5	12	F906	I-TOP	V2	26	5	12	V907	I-RF			b2	91	5	12	F908	I-TOP	V2	26	5	12	V911	I-RF														
		l1	5	5	24	F909	I-TOP (LAP)	h1	3	5	36	H903	I-FF			l1	5	5	24	F909	I-TOP (LAP)	h1	3	5	36	H903	I-FF			l1	4	5	24	F909	I-TOP (LAP)	h1	4	5	18	H903	I-FF														
		l2	5	5	24	F909	I-TOP (LAP)	h2	3	5	36	H903	I-RF			l2	6	5	18	F909	I-TOP (LAP)	h2	4	5	36	H903	I-RF			l2	4	5	24	F909	I-TOP (LAP)	h2	3	5	36	H903	I-RF														
		d1	18	5	36	F907	I-FF	V1	9	5	36	V903	I-FF			d1	18	5	36	F909	I-FF	V1	9	5	36	V906	I-FF			d1	18	5	36	F909	I-FF	V1	9	5	36	V912	I-FF														
		d2	18	5	36	F907	I-FF	V2	25	5	12	V903	I-RF			d2	18	5	36	F909	I-FF	V2	25	5	12	V906	I-RF			d2	18	5	36	F909	I-FF	V2	25	5	12	V912	I-RF														

SOILS DATA	
FOOTING MARK	DESIGN CONDITION
F-1, F-2	ALLOW. SOIL PRESSURE: 3000 PSF
F-3	CONCRETE PILES - PILE LENGTH = 85 FT.
F-4 THRU F-8	CONCRETE PILES - PILE LENGTH = 80 FT.

NOTES:  
 FOR GENERAL NOTES AND STANDARD DETAILS SEE SHEET NO. 81  
 FOR DETAILS, DIMENSIONS ETC. OF WALL TYPES (1) (2) (3) SEE SHEETS NO. 76 & 78  
 (1) EXPANSION JOINT FOR DETAILS SEE SHEET NO. 81  
 (2) CONSTRUCTION JOINT FOR DETAILS SEE SHEET NO. 81  
 (3) R-78 INDICATES TEST BORING  
 (4) INDICATES TEST PILE  
 FOR ADDITIONAL PLAN GEOMETRICS SEE ALIGNMENT / TIES STA. 100+00 TO STA. 104+00 SHEETS 15 & 17  
 FOR DETAILS OF PCMP SEE SHEET NO. 78.

ILLINOIS DIVISION OF HIGHWAYS  
 SOUTH EXPRESSWAY  
**RETAINING WALL**  
**W-2**

SHEET 10 OF 15

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)  
**RETAINING WALL S-47N-R**  
**EXISTING RET. WALL PLAN 1**  
 SCALE: NTS  
 DATE: JUNE 9, 2006  
 DRAWN BY: KMW  
 CHECKED BY: BLU

6/8/2006  
 I:\PROJECTS\94\90\RETAINING WALLS\DWG\94-90-R11.DWG