



BAR DETAILS d ₂					
BAR	A	B	C	D	F
F904	2'-9"	1'-7"	2'-9"	0	1'-0"
F910	F92	F92	2'-9"	0	0'
F602	F62	F62	1'-9"	0	0'
F603	F62	1'-02	2'-9"	0	0'
F604	F62	F62	2'-9"	0	0'
F609	F62	F62	2'-9"	0	0'

BILL OF MATERIAL		
ITEM	UNIT	QUANTITY
POROUS GRANULAR BACKFILL	CU. YD.	250
CLASS A EXCAVATION FOR STRUCTURES	CU. YD.	570
CLASS X CONCRETE	CU. YD.	2382
REINFORCEMENT BARS	POUND	20381
DRIVING CONCRETE PILES	LIN. FT.	1606
FURNISHING CONCRETE PILES	LIN. FT.	1606
TEST PILE CONCRETE	EACH	1
THREE STRAND CABLE ROAD GUARD	LIN. FT.	171
PERF. CORR. MET. PIPE - 6"	LIN. FT.	957
PEDESTRIAN BARRIER - TYPE III	LIN. FT.	210

BAR LIST					
BAR	NO.	SIZE	LENGTH	SHAPE	WEIGHT
F401	44	4	1'-4"		33
F402	18	4	1'-7"		19
F403	18	4	1'-10"		22
F404	14	4	2'-7"		24
F501	185	5	4'-7"		575
F502	15	5	23'-8"		542
F503	104	5	5'-0"		529
F504	92	5	8'-0"	J	575
F505	120	5	25'-0"		3254
F506	209	5	7'-5"		1559
F507	86	5	2'-6"		94
F508	204	5	9'-5"		1205
F509	16	5	25'-5"		488
F510	102	5	9'-1"	J	941
F601	204	5	7'-5"		2099
F602	91	5	4'-4"	J	382
F603	91	5	4'-10"	J	370
F604	91	5	5'-2"	J	285
F609	91	5	5'-3"	J	409
V501	99	5	5'-2"		235
V502	69	5	6'-5"		480
V503	69	5	7'-9"		534
V504	70	5	8'-4"		608
V505	94	5	7'-11"		251
V506	94	5	7'-8"		266
V507	59	5	7'-2"		258
V508	94	5	6'-7"		225
V509	95	5	9'-7"		198
V510	24	5	4'-5"		197
V511	59	5	4'-5"		199
V512	54	5	5'-5"		174
H501	7	5	21'-2"		199
H502	7	5	15'-9"		144
H503	51	5	25'-2"		1559
H504	51	5	24'-5"		1979

NOTES:
 FOR GENERAL NOTES & STANDARD DETAILS, SEE SHEET No. 81
 FOR DETAILS, DIMENSIONS, ETC. OF WALL TYPES ① ② ③ SEE SHEETS 0270 & 78
 (A) = EXPANSION JOINT FOR DETAILS SEE SHEET NO. 81
 (B) = CONSTRUCTION JOINT FOR DETAILS SEE SHEET NO. 81

ILLINOIS DIVISION OF HIGHWAYS
 SOUTH EXPRESSWAY
RETAINING WALL
 W-2

SHEET 11 OF 24

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 2

SCALE: NTS
 DATE: JUNE 9, 2006

DRAWN BY: MTR
 CHECKED BY: BLU

FOR INFORMATION ONLY

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

ILLINOIS DIVISION OF HIGHWAYS
 WALL 660-15-02-02-91
 6/18/2006