

QUANTITY SHEET

SUMMARY OF ESTIMATED QUANTITIES														TOTALS			DESCRIPTIONS			DETAILED SUMMARY OF QUANTITIES		
ROADWAY	CHANNEL	SUPER STRUCTURE	ABUT 1	ABUT 2	APPR SLAB 1	APPR SLAB 2	TRAINING	EROSION CONTROL	FULL E&C	BRIDGE QUANTITY	ROUND	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	QUANTITIES	UNIT	ITEMS			
1												1		LS	CLEARING AND GRUBBING (INCL. INDV. TREES & STUMPS)	201.10			COMMON EXCAVATION			
1860												1860		CY	COMMON EXCAVATION	203.15	1273	CY	ROADWAY: MAINLINE			
	450											450		CY	UNCLASSIFIED CHANNEL EXCAVATION	203.27	315	CY	T.H. 5			
35												35		CY	EXCAVATION OF SURFACES AND PAVEMENTS	203.28	264	CY	DRIVES			
4080												4080		CY	EARTH BORROW	203.30	8	CY	ROUNDING			
2160												2160		CY	SAND BORROW	203.31	1860	CY	TOTAL			
660												660		CY	GRANULAR BORROW	203.32			SAND BORROW			
1350												1350		SY	FINE GRADING-SUBGRADE	203.40	1732	CY	ROADWAY: MAINLINE			
220								10				230		CY	TRENCH EXCAVATION OF EARTH	204.20	336	CY	T.H. 5			
10												10		CY	TRENCH EXCAVATION OF ROCK	204.21	81	CY	DRIVES			
40												40		CY	STRUCTURE EXCAVATION	204.25	1	CY	ROUNDING			
170			260	190								620		CY	GRANULAR BACKFILL FOR STRUCTURES	204.30	2160	CY	TOTAL			
			400	300								700		CY	COFFERDAM EXCAVATION, EARTH	208.30			SUBBASE OF DENSE GRADED CRUSHED STONE			
			20	20								40		CY	COFFERDAM EXCAVATION, ROCK	208.35	2231	CY	ROADWAY: MAINLINE			
			1									1		LS	COFFERDAM (ABUTMENT NO. 1)	208.40	372	CY	T.H. 5			
				1								1		LS	COFFERDAM (ABUTMENT NO. 2)	208.40	393	CY	DRIVES			
225												225		SY	COLD PLANING-BIT PAVEMENT	210.10	4	CY	ROUNDING			
3000								10				3010		CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	3000	CY	TOTAL			
150												150		CY	AGGREGATE SURFACE COURSE	401.10			EMULSIFIED ASPHALT			
11		0.5			0.25	0.25						12		CWT	EMULSIFIED ASPHALT	404.65	9.50	CWT	ROADWAY: MAINLINE			
1047		42			13	13						88		TON	BITUMINOUS CONCRETE PAVEMENT (PG 58-28)	406.25	1.00	CWT	T.H. 5			
		94		2								98		CY	CONCRETE, HIGH PERFORMANCE CLASS A	501.33	0.50	CWT	DRIVES			
31			176	162	31	31						431		CY	CONCRETE, HIGH PERFORMANCE CLASS B	501.34	11	CWT	TOTAL			
		59630										59630		LB	STRUCTURAL STEEL (ROLLED BEAM)	506.50	0.50	CWT	SUPERSTRUCTURE			
3230			10840	15820								32780		LB	REINFORCING STEEL	507.15	0.25	CWT	APPROACH SLAB NO.1			
18												18		LF	DRILLING AND GROUTING DOWELS	507.16	0.25	CWT	APPROACH SLAB NO.2			
		31860		290	3800	3710						39660		LB	EPOXY COATED REINFORCING STEEL	507.17			BITUMINOUS CONCRETE PAVEMENT			
		1										1		LS	SHEAR CONNECTORS (1044 - 7/8" X 7")	508.15	830	TON	ROADWAY: MAINLINE			
2		6	3	2								11		GAL	WATER REPELLENT (MOD-SILANE)	514.10	94	TON	T.H. 5			
			36	34								70		LF	BRIDGE EXPANSION JOINT (ASPHALTIC PLUG)	516.10	123	TON	DRIVES			
		250										250		SY	SHEET MEMBRANE WATERPROOFING (MOD. - TORCH APPLIED)	519.20	1047	TON	TOTAL			
		193										193		LF	BRIDGE RAILING - NETC 2 RAIL	525.33	42	TON	SUPERSTRUCTURE			
1												1		LS	MAINTENANCE OF TRAFFIC FOR BRIDGE PROJECTS (MOD.)	527.10	13	TON	APPROACH SLAB NO.1			
280												280		SY	REMOVAL OF BRIDGE PAVEMENT	529.10	13	TON	APPROACH SLAB NO.2			
		1										1		EACH	PARTIAL REMOVAL OF STRUCTURE	529.20			TEMPORARY EROSION CONTROL ITEMS			
		12										12		EACH	BEARING DEVICE ASSEMBLY (FABRIC)	531.10			(INCLUDED UNDER EROSION CONTROL ITEMS)			
262												262		LF	18" CAAP .060 (2-2/3 X 1/2)	601.0215	10	CY	204.20 TRENCH EXCAVATION OF EARTH			
262												262		LF	18" PCCSP .064 (2-2/3 X 1/2)	601.0415	10	CY	301.35 SUBBASE OF DENSE GRADED CRUSHED STONE			
262												262		LF	18" CPEP(SL)	601.2615	10	CY	813.10 STONE FILL, TYPE I			
																			30	CY	813.10 STONE FILL, TYPE I (MOD.-CONSTRUCTION ENTRANCE)	
																			20	CY	813.10 STONE FILL, TYPE I (MOD.-CHECK DAM)	
																			10	CY	813.10 STONE FILL, TYPE I (MOD.-INLET PROTECTION)	
																			450	SY	849.51 GEOTEXTILE FOR SILT FENCE	
																			115	SY	849.61 GEOTEXTILE FOR FILTER CURTAIN	
																			10	KG	851.17 SEED - WINTER RYE	
																			700	SY	854.10 EROSION MATTING	
																					EARTHWORKS SUMMARY	
																			370	CY	COMMON EXCAVATION (1852' 20)	
																			134	CY	UNCLASSIFIED CHANNEL EXCAVATION (448' 0.3)	
																			84	CY	TRENCH EXCAVATION OF EARTH (280' 0.3)	
																			209	CY	COFFERDAM EXCAVATION, EARTH (896' 0.3)	
																			10	CY	STRUCTURE EXCAVATION (33 X .3)	
																			807	CY	TOTAL FILL AVAILABLE	
																			4883	CY	FILL REQUIRED (4246 * 1.15)	
																			807	CY	- FILL AVAILABLE	
																			4076	CY	BORROW	
																			4	CY	ROUNDING	
140												140		LF	18" CPEP(SL)	601.2615			4080	CY	TOTAL EARTH BORROW	

PROJECT NAME: **READING**
PROJECT NUMBER: **BRS 0148(6)S**
FILE NAME: **PW/85e034/Structures/s85e034qs.xls** PLOT DATE: **11/30/2005**
PROJECT MANAGER: **R. WHITCOMB** DRAWN BY: **L. BULLOCK**
DESIGNED BY: **C. CARLSON** CHECKED BY: **C. CARLSON**
QUANTITY SHEET #1 SHEET **4** OF **83**