

EARTHWORK SUMMARY

SUMMARY BY COLUMNS

SUMMARY OF BALANCES										SUMMARY OF BALANCES										EXCAVATION			EMBANKMENT		
STATION TO STATION		TOTAL EXCAV. EARTH & ROCK CUBIC YARDS	ROCK EXCAV. CUBIC YARDS	EMBANKMENT CUBIC YARDS	EXCESSES		ACCUMULATIVE EXCESSES				STATION TO STATION		TOTAL EXCAV. EARTH & ROCK CUBIC YARDS	ROCK EXCAV. CUBIC YARDS	EMBANKMENT CUBIC YARDS	EXCESSES		ACCUMULATIVE EXCESSES				TOTAL CU. YDS.	ROCK CU. YDS.	CUBIC YARDS	
STATION TO STATION	TOTAL EXCAV. EARTH & ROCK CUBIC YARDS	ROCK EXCAV. CUBIC YARDS	EMBANKMENT CUBIC YARDS	CUT	FILL	CUT	FILL	CUT	FILL	STATION TO STATION	TOTAL EXCAV. EARTH & ROCK CUBIC YARDS	ROCK EXCAV. CUBIC YARDS	EMBANKMENT CUBIC YARDS	CUT	FILL	CUT	FILL	CUT	FILL	TOTAL CU. YDS.	ROCK CU. YDS.	CUBIC YARDS			
EB 891+00	895+00	27,468	0	27,468						MAIN LINE TOTALS	1,152,943		934,630							78,116					
EB 895+00	900+00	64,749	0	64,749						RAMP H	4,711		378	4,276						82,392					
EB 900+00	905+00	115,693	0	115,693						RAMP Y	1,927		1,297	435						82,827					
EB 905+00	910+00	126,742	0	126,742						DORR DRIVE	1,774		1,279	303						83,130					
EB 910+00	915+00	99,406	0	99,406						EXCAVATION FROM SAND UNDERCUT AREA	20,035			20,035						103,165					
EB 915+00	920+00	39,823	0	39,823						WETLAND MITIGATION AREA	57,153			57,153						160,318					
EB 920+00	925+00	291	14,948		16,899					U TURNS	0		1,020		1,173										
EB 925+00	930+00	0	41,544		47,776					TOTALS	1,238,543		938,604												
EB 930+00	935+00	0	34,011		39,113																				
EB 935+00	940+00	0	46,287		53,230																				
EB 940+00	945+00	0	26,778		30,795																				
EB 945+00	950+00	3,288	16,951		16,206																				
EB 950+00	955+00	1,252	13,962		14,804																				
EB 955+00	960+00	0	16,718		19,226																				
EB 960+00	965+00	0	11,895		13,679																				
EB 965+00	970+00	0	17,711		20,368																				
EB 970+00	975+00	84	14,997		17,163																				
EB 975+00	980+00	0	28,643		32,939																				
EB 980+00	985+00	0	68,571		78,857																				
EB 985+00	990+00	0	96,447		110,914																				
EB 990+00	995+00	313	18,168		20,580																				
EB 995+00	996+79.50	1,819	0	1,819																					
WB 891+00	895+00	49,065	0	49,065																					
WB 895+00	900+00	113,460	0	113,460																					
WB 900+00	905+00	164,231	0	164,231																					
WB 905+00	910+00	176,516	0	176,516																					
WB 910+00	915+00	119,825	0	119,825																					
WB 915+00	920+00	45,251	0	45,251																					
WB 920+00	925+00	1068	18,315		19,994																				
WB 925+00	930+00	0	54,988		63,236																				
WB 930+00	935+00	0	44,751		51,464																				
WB 935+00	940+00	0	68,919		79,257																				
WB 940+00	945+00	0	29,138		33,509																				
WB 945+00	950+00	0	15,391		17,700																				
WB 950+00	955+00	0	15,668		18,018																				
WB 955+00	960+00	0	14,295		16,439																				
WB 960+00	965+00	0	11,131		12,801																				
WB 965+00	970+00	0	13,744		15,806																				
WB 970+00	975+00	56	13,686		15,683																				
WB 975+00	980+00	0	19,786		22,754																				
WB 980+00	985+00	0	58,166		66,891																				
WB 985+00	890+00	0	69,196		79,575																				
WB 990+00	995+00	743	19,813		22,042																				
WB 995+00	996+54.13	1,800	12	1,786																					
MAIN LINE TOTALS		1,152,943	934,630																						
COLUMN FOOTINGS																									
CARRIED FORWARD																									

REMARKS	
EARTH AND ROCK EXCAVATION	1,238,543
SOLID ROCK EXCAVATION	
EARTH EXCAVATION	1,238,543
PLANIMETERED FILL	938,604
FACTOR 1.3	140,791
PLANIMETERED FILL INCLUDING FACTOR	1,079,395
MATERIALS AVAILABLE FOR FILLS	
EARTH EXCAVATION	1,238,543
CHANNEL EXCAVATION	550
UNDERDRAIN EXCAVATION AT 75%	5,950
STRUCTURE EXCAVATION	2,000
MUCK EXCAVATION AT 50%	12,500
TOTAL MATERIAL AVAILABLE FOR FILLS	1,259,983
TOTAL FILL INCLUDING FACTOR	1,079,395
EXCESS CUT	180,588
DESIGNED GRANULAR BORROW (BRIDGE AREA)	55,193
ROCK BORROW (105,000 * 1.3)	136,500
TOTAL EXCESS MATERIAL	372,281