

EARTHWORK SCHEDULE

LOCATION STA TO STA	EARTH EXCAVATION CU YD	FOR INFORMATION ONLY					BORROW EXCAVATION CU YD	
		AVERAGE SHRINKAGE FACTOR %	EARTH EXCAVATION (ADJUSTED) CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE			BORROW SWELL FACTOR ••
					WASTE (+)	SHORTAGE (-)		
					CU YD			
EB IL 13								
STA 857+50. TO STA 859+41.5	52	27.1%	38	156		-118		
SOUTHWEST QUAD OF RUSSELL ST. / EB IL 13	75	26.9%	55	95		-40		
SOUTHEAST QUAD OF RUSSELL ST. / EB IL 13	170	30.0%	119	95		24		
STA 861+86.7 TO STA 871+58.	1,071	30.7%	743	554		189		
STA 872+00. TO STA 876+68.	393	29.4%	277	283		-6		
STA 876+93. TO STA 880+01.	439	36.8%	277	6		271		
STA 880+40. TO STA 883+50.	351	22.5%	272	528		-256		
WB IL 13								
NORTHWEST QUAD OF RUSSELL ST. / WB IL 13	120	35.3%	78	37		41		
WEST SIDE OF NORTH RUSSELL ST.	107	36.8%	68	0		68		
EAST SIDE OF NORTH RUSSELL ST.	144	36.5%	91	2		89		
NORTHEAST QUAD OF RUSSELL ST. / WB IL 13	381	36.8%	241	6		235		
STA 861+24.1 TO STA 871+61.	992	25.4%	740	954		-214		
STA 872+00. TO STA 876+63.	290	19.6%	233	1,542		-1,309		
STA 877+05. TO STA 883+50.	850	36.8%	537	0		537		
STA 883+79. TO STA 886+79.	1,050	36.8%	1,050	0		1,050		
PROJECT TOTAL	6,485					561	25.0%	0

* BORROW PIT SHRINKAGE = 25%

BORROW SWELL FACTOR = 1/(1-25%) = 1.33