

EARTHWORK SCHEDULE

LOCATION STA TO STA	EARTH EXCAVATION CU YD	FOR INFORMATION ONLY					BORROW SWELL FACTOR ••	BORROW EXCAVATION CU YD
		AVERAGE SHRINKAGE FACTOR %	EARTH EXCAVATION (ADJUSTED) CU YD	EMBANKMENT CU YD	EARTHWORK BALANCE			
					WASTE (+)	SHORTAGE (-)		
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