

EARTHWORK

LOCATION STA TO STA	EARTH EXCAVATION CU M	FOR INFORMATION ONLY					BORROW SWELL FACTOR **	BORROW EXCAVATION CU M	ROCK FILL M TON	SUB-BASE GRANULAR MATERIAL, TYPE A M TON
		UNSTABLE SOILS *	AVERAGE SHRINKAGE FACTOR %	EARTH EXCAVATION (ADJUSTED) CU M	EMBANKMENT CU M	EARTHWORK BALANCE WASTE (+) SHORTAGE (-) CU M				
		CU M	%	CU M	CU M	CU M				
IL 146										
STA 2+539.4 TO STA 2+700.	96		20.7%	76	952	-876				
STA 2+700. TO STA 3+050.	6,543	4,128	24.7%	4,927	987	3,940		8,578	3,232	
STA 3+050. TO STA 3+350.	251		15.5%	212	11,846	-11,634				
STA 3+350. TO STA 3+975.	9,113	4,648	22.3%	7,081	3,269	3,812		15,827	5,871	
STA 3+975. TO STA 4+290.	580		15.3%	491	14,586	-14,095				
STA 4+290. TO STA 4+375.	2,423	1,015	20.0%	1,938	654	1,284		2,552	940	
STA 4+375. TO STA 6+050.	6,806		15.9%	5,724	52,500	-46,776				
LT STA 5+921.3 TO STA 6+006.08	68		25.7%	51	257	-206				
STA 0+000. TO STA 0+130. RT TURN RAMP	116		18.6%	94	1,442	-1,348				
RT STA 15+702. TO STA 15+932. WETLAND	10,792		24.8%	8,116	1,211	6,905				
IL 146 PROJECT TOTAL	36,788	9,791		28,710	87,704	-58,994	25.0%	78,659	26,957	10,043

* UNSTABLE SOIL QUANTITIES ARE INCLUDED IN THE EARTH EXCAVATION QUANTITY SEE SPECIAL PROVISION
 ** BORROW PIT SHRINKAGE = 25% BORROW SWELL FACTOR = 1/(1-25%) = 1.33

TREE REMOVAL

LOCATION STA TO STA	OFFSET FROM ORIGINAL ALIGNMENT CENTERLINE	TREE REMOVAL (6 TO 15 UNITS)	TREE REMOVAL (OVER 15 UNITS)	TREE REMOVAL, HECTARES	REMARKS
	METER	UNIT	UNIT	HA	
IL 146					
RT STA 2+864	38.1	11.0			
RT STA 2+864	38.7	10.0			
RT STA 2+867	34.7	12.0			
RT STA 2+867	34.1		17.0		
RT STA 5+378. TO STA 5+516.				0.4	REMOVE TO CONSTRUCTION LIMITS
IL 146 PROJECT TOTAL		33.0	17.0	0.4	

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION SCHEDULE SCALE: VERT. HORIZ. DATE	DRAWN BY JCK CHECKED BY
NAME	DATE		

PLOT DATE = 11/25/2008
 FILE NAME = c:\pva\work\pva\pvi\DOT\VRANZ\IC\mra43642\02259\sch.m32
 PLOT SCALE = 50.0000 / IN.
 USER NAME = KranzJP