

EARTHWORK SUMMARY BY STAGE

ROADWAY	EARTH EXCAVATION	TOPSOIL / UNSUITABLE EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE*	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
PRE-STAGE					
TEMPORARY I-57	533	1,838	454	3,264	-2,810
STAGE I					
TEMPORARY RAMP E	942	462	800	2,947	-2,147
TEMPORARY RAMP F	117	419	100	5,429	-5,329
TEMPORARY RAMP G	410	615	349	2,014	-1,665
TEMPORARY RAMP H	32	281	26	917	-891
I-57	11,800	4,997	10,032	4,422	5,610
RAMP E	1,431	1,567	1,218	17,944	-16,726
RAMP F	6,023	2,071	5,120	13,699	-8,579
RAMP G	12,637	2,625	10,741	1,267	9,474
RAMP H	1,336	1,005	1,136	1,272	-136
STAGE 1 SUBTOTAL	34,728	14,042	29,522	49,911	-20,389
STAGE 2					
I-57	26,260	7,320	22,321	25,235	-2,914
RAMP E	21,231	2,908	18,046	187	17,859
RAMP F	0	0	0	0	0
RAMP G	0	0	0	0	0
RAMP H	3,027	1,241	2,573	2,174	399
STAGE 2 SUBTOTAL	50,518	11,469	42,940	27,596	15,344
STAGE 3					
I-57	40,863	8,599	34,740	27,575	7,165
RAMP E	38,609	1,938	32,819	3	32,816
RAMP F	6,765	1,287	5,749	6,285	-536
RAMP G	34,658	4,205	29,459	1,300	28,159
RAMP H	769	14	655	160	495
STAGE 3 SUBTOTAL	121,664	16,043	103,422	35,323	68,099
STAGE 4					
I-57	3,133	2,869	2,663	5,398	-2,735
RAMP E	14,236	851	12,101	645	11,456
RAMP F	1,370	0	1,164	32	1,132
RAMP G	2,126	108	1,809	143	1,666
RAMP H	0	0	0	0	0
STAGE 4 SUBTOTAL	20,865	3,828	17,737	6,218	11,519
STAGE A					
TEMPORARY IL 50	238	1,529	202	4,048	-3,846
STAGE B					
TEMPORARY IL 50	1,305	0	1,107	119	988
STAGE C					
IL 50	7,056	2,292	6,001	3,449	2,552
STAGE D					
IL 50	9,880	2,467	8,400	6,432	1,968
STAGE E					
IL 50	1,772	0	1,512	0	1,512
TOTAL	248,559	53,508	211,297	136,360	74,937

* ASSUME 15% FOR SHRINKAGE

EARTHWORK SUMMARY

DESCRIPTION	QUANTITY	UNIT
EARTH EXCAVATION	248,559	CU YD
FURNISHED EXCAVATION	27,045	CU YD
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	26,978	CU YD
TOPSOIL EXCAVATION AND PLACEMENT	26,530	CU YD

NOTES:

1. TOPSOIL/UNSUITABLE EXCAVATION QUANTITIES CONSIST OF "TOPSOIL EXCAVATION AND PLACEMENT" AND "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL." TOPSOIL REQUIRED TO COMPLETE FINAL LANDSCAPING SHALL BE PAID FOR AS "TOPSOIL EXCAVATION AND PLACEMENT." EXCESS MATERIAL SHALL BE PAID FOR AS "REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL."
2. FOR QUANTITY CALCULATIONS THE AVERAGE EXISTING TOPSOIL THICKNESS IS ASSUMED TO BE 6".
3. "FURNISHED EXCAVATION" QUANTITY CONSISTS OF THE MATERIAL NEEDED FOR PRE-STAGE, STAGE I, AND STAGE A.

FILE NAME = I:\Dgn\Sheets\sc001.dgn	USER NAME = EricG	DESIGNED - JWM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - JWM	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	57	(46-2) I, HBR, VBR	KANKAKEE	558 23
		CHECKED - EJM	REVISED -						CONTRACT NO. 66409					
		DATE - 12/17/10	REVISED -		FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT									