

EARTHWORK SCHEDULE

LOCATION			EARTH EXCAVATION	SHRINKAGE FACTOR	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EXCESS EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION REQUIRED TO COMPLETE	BORROW EXCAVATION	REMARKS
STATION	TO	STATION	CU YD		CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	
IL 13											
479+50.00	-	592+90.74	35,515	32.45%	23,989	34,168	0		10,179	12,020	
RAMP A											
10+50.00	-	21+44.46	14,905	20.94%	11,784	5,301	6,483		0	0	
10+50.00	-	21+44.46	16,625	20.47%	13,221	9,830	3,391		0	0	RAMP A INFIELD AREA
RAMP B											
16+59.87	-	28+00.00	5,580	27.82%	4,027	21,671	0		17,644	7,158	20,820 CU YD BORROW EXC. - 13,662 CU YD (SUM OF EXCESS EXCAVATION) = 7158 CU YD
16+59.87	-	28+00.00	4,275	30.47%	2,973	18,154	0		15,181	17,920	RAMP B INFIELD AREA
RAMP C											
11+00.00	-	21+49.29	1,165	45.86%	631	37,231	0		36,600	43,190	
11+00.00	-	21+49.29	1,525	42.23%	881	35,137	0		34,256	40,430	RAMP C INFIELD AREA
RAMP D											
11+00.00	-	28+50.00	185	66.18%	63	38,951	0		38,888	45,890	
11+00.00	-	28+50.00	1,020	53.92%	470	35,363	0		34,893	41,180	RAMP D INFIELD AREA
WOLF CREEK ROAD											
83+02.00	-	116+00.00	13,415	29.62%	9,441	131,425	0		121,984	143,950	
HAWKEYE COURT											
10+50.00	-	11+35.00	220	34.71%	144	0	144		0	0	
NORTH FRONTAGE ROAD											
22+55.43	-	128+21.17	47,615	28.60%	33,995	33,604	391		0	0	
22+50.00	-	26+50.00	1,145	33.50%	761	1,256	0		495	590	NORTH FRONTAGE ROAD AT MAIN STREET NORTH PARCEL REGRADING.
COUNTRY AIRE DRIVE											
8+50.00	-	11+80.00	1,000	32.83%	672	17	655		0	0	
DRIVEWAY 79+00 RT											
1+50.00	-	2+27.24	165	37.12%	104	94	10		0	0	
FLEMING ROAD											
30+50.00	-	33+50.00	1,735	26.35%	1,278	37	1,241		0	0	
DONNA DRIVE / CLARK STREET											
85+21.41	-	144+00.00	23,595	29.76%	16,574	32,990	0	465	16,416	19,380	
DONNA DRIVE DRIVEWAY 90+00											
10+40.00	-	11+50.14	685	25.76%	509	5	504		0	0	
SARA LANE											
8+20.00	-	9+50.00	45	59.15%	18	28	0		10	20	
SARA LANE STORM SEWER OUTLET											
5+83.89	-	10+50.00	420	48.61%	216	0	216		0	0	
MAIN STREET SOUTH											
1+00.00	-	3+55.00	275	46.25%	148	380	0		232	280	
3+55.00	-	7+50.00	57	29.50%	40	175				180	
MAIN STREET NORTH											
0+00	-	15+00.00	2,105	42.71%	1,206	5,390	0		4,184	4,940	
SHEET TOTALS			173,272					465		377,128	

• A SWELL FACTOR OF 1.18 WAS USED TO CALCULATE BORROW EXCAVATION

FILE NAME =	USER NAME = USER*	DESIGNED - KN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EARTHWORK SCHEDULE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\lavenderba\d0363618\078221-sht-SCH-05.dgn		DRAWN - AS	REVISED -			331	(1-3)R-2, N-4, T5-4, HBK-1	WILLIAMSON	733	47	
PLOT SCALE = 2.0000' / in.		CHECKED -	REVISED -			DRAWING NO. SCH-05		CONTRACT NO. 78221			
PLOT DATE = 1/31/2014		DATE -	REVISED -			SCALE:	SHEET NO. 5 OF 56 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	