F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
343	*	COOK	283	15
STA. 9+713.000		TO STA. 10+151.000		
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
* 70D-Y-B-R & 70HB-R-1				62897

RAMP D EARTHWORK STAGE 2A

Station	Area Cut	Area Fill	Area Unsuitable	Earth Excavation	Embankment	Unsuitable Materials
	SQ M	SQ M	SQ M	CU M	CU M	CU M
0+070	2.7	0.2	1.5			
0+080	3.3	1.5	1.3	30.0	8.5	14.0
0+090	7.9	1.5	1.6	56.0	15.0	14.5
0+100	11.1	1.3	1.7	95.0	14.0	16.5
0+110	16.1	1.8	1.8	136.0	15.5	17.5
0+120	21.2	2.0	1.8	186.5	19.0	18.0
0+130	18.6	2.2	1.8	199.0	21.0	18.0
0+140	13.9	4.0	2.3	162.5	31.0	20.5
0+150	9.2	3.8	2.6	115.5	39.0	24.5
0+160	4.8	2.3	1.8	70.0	30.5	22.0
0+170	3.6	2.0	2.0	42.0	21.5	19.0
0+180	2.5	0.3	2.2	30.5	11.5	21.0
0+190	5.5	0.0	2.3	40.0	1.5	22.5
0+200	5.1	0.0	1.9	53.0	0.0	21.0
0+210	5.6	0.0	1.8	53.5	0.0	18.5
0+220	6.9	0.3	2.5	62.5	1.5	21.5
0+230	3.6	0.1	1.0	52.5	2.0	17.5
0+240	2.4	0.2	0.5	30.0	1.5	7.5
0+250	2.5	0.3	0.5	24.5	2.5	5.0
0+260	2.5	0.1	0.3	25.0	2.0	4.0
0+270	2.5	0.1	0.7	25.0	1.0	5.0
0+280	2.5	0.3	0.6	25.0	2.0	6.5
0+290	2.4	0.2	0.5	24.5	2.5	5.5
0+300	1.9	0.2	0.5	21.5	2.5	5.0
			Total	1560	246	345

RAMP D EARTHWORK STAGE 2B

Station	Area Cut	Area Fill	Area Unsuitable	Earth Excavation	Embankment	Unsuitable Materials
	SQ M	SQ M		CU M	CU M	CU M
0+030	1.3	1.6	2.1			
0+040	1.3	2.2	1.8	13.0	19.0	19.5
			Total	13	19	20

RAMP D EARTHWORK STAGE 3A

Station	Area Cut	Area Fill	Area Unsuitable	Earth Excavation	Embankment	Unsuitable Materials
	SQ M	SQ M	SQ M	CU M	CU M	CU M
0+030	0.0	2.4	0.0			
0+040	0.0	2.5	0.0	0.0	24.5	0.0
0+050	0.7	0.7	0.3	16.0	1.5	1.5
0+060	8.7	0.3	1.6	47.0	5.0	9.5
			Total	51	46	11

RAMP D EARTHWORK STAGE 3B

Station	Area Cut	Area Fill	Area Unsuitable	Earth Excavation	Embankment	Unsuitable Materials
	SQ M	SQ M	SQ M	CU M	CU M	CU M
0+050	2.2	0.0	0.5			
0+060	3.7	0.0	0.5	29.5	0.0	5.0
0+070	6.6	0.0	0.3	51.5	0.0	4.0
0+080	7.8	0.0	0.1	72.0	0.0	2.0
0+090	0.0	1.0	0.0	39.0	5.0	0.5
0+100	0.0	0.0	0.0	0.0	5.0	0.0
0+110	0.0	0.0	0.0	0.0	0.0	0.0
0+120	0.0	0.0	0.0	0.0	0.0	0.0
0+130	0.0	0.0	0.0	0.0	0.0	0.0
0+140	0.0	0.0	0.0	0.0	0.0	0.0
0+150	0.0	0.0	0.0	0.0	0.0	0.0
0+160	5.3	0.3	0.5	26.5	1.5	2.5
0+170	2.4	0.3	0.4	38.5	3.0	4.5
0+180	0.9	0.7	0.0	16.5	5.0	2.0
0+190	1.6	0.0	0.0	12.5	3.5	0.0
0+200	1.3	0.0	0.0	14.5	0.0	0.0
0+210	0.7	0.0	0.0	10.0	0.0	0.0
0+220	0.5	0.0	0.0	6.0	0.0	0.0
0+230	0.0	0.0	0.0	2.5	0.0	0.0
0+240	0.0	0.0	0.0	0.0	0.0	0.0
0+250	0.0	0.0	0.0	0.0	0.0	0.0
0+260	0.0	0.0	0.0	0.0	0.0	0.0
0+270	0.0	0.0	0.0	0.0	0.0	0.0
			Total	319	23	21

EARTHWORK SUMMARY

ROADWAY	EARTH EXCAVATION	EARTH EXCAVATION, SPECIAL	EXCAVATION TO BE USED IN EMBANKMENT AND ADJUSTED FOR SHRINKAGE	EMBANKMENT	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EARTHWORK BALANCE WASTE (+) OR BORROW (-)
STAGE 1A	CU M	CU M	CU M	CU M	CU M	CU M
IL ROUTE 68	482	0	409	713	33	-304
RAMP A	0	0	0	0	172	0
RAMP B	0	0	0	0	0	0
RAMP C	45	0	38	121	55	-83
RAMP D	0	0	0	0	0	0
TOTAL	527	0	448	834	260	-386
STAGE 1B						
IL ROUTE 68	452	0	384	795	150	-410
RAMP A	0	0	0	0	0	0
RAMP B	305	1,085	1,182	5,070	683	-3,889
RAMP C	434	0	368	613	191	-245
RAMP D	0	0	0	0	0	0
TOTAL	1,191	1,085	1,012	6,478	1,024	-4,543
STAGE 2A						
IL ROUTE 68	2	0	2	386	10	-384
RAMP A	97	461	474	1,183	172	-708
RAMP B	0	0	0	0	0	0
RAMP C	0	0	0	0	0	0
RAMP D	1,560	0	1,326	246	345	1,081
TOTAL	1,659	0	1,410	1,814	527	-12
STAGE 2B						
IL ROUTE 68	655	0	556	495	247	61
RAMP A	146	0	124	258	59	-134
RAMP B	0	0	0	0	0	0
RAMP C	0	0	0	0	0	0
RAMP D	13	0	11	19	20	-8
TOTAL	813	0	691	772	325	-81
STAGE 3A						
IL ROUTE 68	197	0	168	146	70	22
RAMP A	0	0	0	0	0	0
RAMP B	0	0	0	0	0	0
RAMP C	0	0	0	0	0	0
RAMP D	51	0	43	46	11	-3
TOTAL	248	0	211	192	81	19
STAGE 3B						
IL ROUTE 68	297	0	252	85	0	168
RAMP A	0	0	0	0	0	0
RAMP B	0	0	0	0	0	0
RAMP C	0	0	0	0	0	0
RAMP D	319	0	271	23	21	248
TOTAL	616	0	524	108	21	416

SHRINKAGE FACTOR FOR EARTH EXCAVATION: 15%

EARTH EXCAVATION	5,055	CU M
FURNISHED EXCAVATION	4,590	CU M
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	2,240	CU M
EARTH EXCAVATION, SPECIAL	1,085	CU M

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 68

SCHEDULE OF QUANTITIES
EARTHWORK - 2

SCALE NTS DRAWN BY RDT
DATE OCTOBER, 2006 CHECKED BY PK

...\Drawings\45sch01.dgn 10/13/2006 2:54:52 PM