

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	220	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

EARTHWORK

LOCATION STATION TO STATION	PREGRADING *	EARTH EXCAVATION **	UNSUITABLE MATERIAL (HAUL-OFF)	SUITABLE EXCAVATION ***	AVERAGE SHRINKAGE FACTOR	EMBANKMENT ***	EXCESS MATERIAL	NEEDED MATERIAL	BORROW EXCAVATION ****
	CU YD	CU YD	CU YD	CU YD		CU YD			CU YD
ILL 13 - RELOCATION									
STA 949+03.45 TO STA 1024+73.38	20,436	89,668	3,400	106,704	0.75	137,154		57,126	
STA 1074+20.71 TO STA 1093+66.24		10,823		10,823	0.75	33,744		25,627	
OLD IL 13									
STA 77+00 TO STA 109+48.50		7,648		7,648	0.75	11,996		6,260	
STA 204+70.49 TO STA 211+50.08		1,529		1,529	0.75	7,975		6,828	
DITCH GRADING									
STA 502+50 TO STA 505+00		5,331		5,331	0.75	0	3998	0	
PROJECT TOTALS	20,436	114,999							108,374

NOTES:

- * PREGRADING IS PAID AS A EARTH EXCAVATION
- ** INCLUDES AGGREGATE REMOVAL
- *** INCLUDES PREGRADING
- **** BORROW EXPANDED BY 18%

EROSION CONTROL

LOCATION - STATION TO STATION	PERIMETER EROSION BARRIER*	TEMPORARY DITCH CHECK	INLET AND PIPE PROTECTION
	FOOT	EACH	EACH
IL 13 RELOCATION			
949+03.45 TO 962+00.00	3023	5	2
962+00.00 TO 966+00.00	810		
966+00.00 TO 978+09.70	2446	8	2
978+09.70 TO 1020+73.00	8565	30	32
1020+73.00 TO 1024+73.38	973	2	7
1074+20.71 TO 1075+25.47	215		2
1075+25.47 TO 1081+97.89	1172	8	5
1081+97.89 TO 1093+66.24	2557	10	1
OLD IL 13			
77+00.00 TO 82+00.00	1067		2
82+00.00 TO 85+85.00			10
85+85.00 TO 109+50.00	2639		3
TOTALS	23,467	63	66

* QUANTITY ASSUMES BARRIER PROVIDED AROUND ENTIRE PROJECT PERIMETER.

SEEDING

LOCATION	SEEDING CLASS 2	EROSION CONTROL BLANKET	SEEDING CLASS 7*	TEMPORARY EROSION CONTROL SEEDING	MULCH METHOD 2	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	AGRICULTURAL GROUND LIMESTONE
	ACRE	SQ. YD.	ACRE	POUND	ACRE	POUND	POUND	POUND	TON
IL 13 RELOCATION									
949+03.45 TO 962+00.00	2.95	1600	5.55	1665	8.5	576	354	354	5.9
962+00.00 TO 966+00.00	1.10	8599	2.51	753	3.7	232	132	132	2.2
966+00.00 TO 978+09.70	4.20	56992	6.62	1986	10.9	769	504	504	8.4
978+09.70 TO 1020+73.00	15.31	63950	24.17	7251	39.5	2804	1837	1837	30.6
1020+73.00 TO 1024+73.38	0.96	7608	1.70	510	2.7	183	115	115	1.9
1074+20.71 TO 1075+25.47	0.16	1557	0.33	99	0.5	32	19	19	0.3
1075+25.47 TO 1081+97.89	1.62	12777	2.32	695	4.0	287	194	194	3.2
1081+97.89 TO 1093+66.24	3.36	12541	5.21	1564	8.6	612	403	403	6.7
OLD IL 13									
77+00.00 TO 82+00.00	0.44	2000							
82+00.00 TO 85+85.00	0.44		0.96	288	1.4	91	53	53	0.9
85+85.00 TO 109+50.00	5.79	13200	8.75	2625	14.6	1045	695	695	11.6
204+70.00 TO 211+50.08	0.89		1.58	473	2.5	170	107	107	1.8
MINE PROPERTY **									
970+00.00 RT TO 994+00.00 RT	8.00				8.0	960	960	960	16.0
TOTALS	45.2	180824.0	59.7	17909.0	104.9	7761.5	5373.6	5373.6	89.6

* PAVEMENT AREAS ADDED TO SEEDING CLASS 7

** DISK AND SEED RIGHT OF THE SLOPE INTERCEPT TO THE WEST TRIBUTARY DITCH PER THE DIRECTION OF THE ENGINEER
SEE WETLAND MITIGATION DETAILS FOR ADDITIONAL QUANTITIES.

4' FENCE

LOCATION - STATION TO STATION	FENCE
	FOOT
PROPOSED IL 13	
929+59 LT TO 954+58 LT	2610
965+00 LT TO 1014+60 LT	5080
972+21 RT TO 993+82 RT	2115
993+88 273' RT TO 996+50 255' RT	250
997+64 RT TO 1010+01 RT	1273
1011+75 RT TO 1021+47 RT	960
1016+30 LT TO 1024+00 LT	860
OLD IL 13	
TOTALS	13,148

CHECKED BY: BKW PLOT DATE: 2/4/2009
DRAWN BY: DMS PLOT SCALE: 1/8"=1'-0"

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Active File:
SCH004-152616.dgn