

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
399	36R-1.37R-2	TAZEWELL	449	20
STA 7+663.000		TO STA 9+899.166		
FED. ROAD DIST. NO. 4		ILLINOIS FED. AID PROJECT		

EARTHWORK SCHEDULE - IL 8 SEGMENT 2

STATION	M2020010 EARTH EXCAVATION (CU M)	M2021200* REMOVAL & DISPOSAL OF UNUSABLE MATERIAL (CU M)	EXCAVATION ADJUSTED FOR 25% SHRINKAGE (CU M)	EMBANKMENT (CU M)	EARTHWORK BALANCE WASTE (+) SHORTAGE (-) (CU M)
7+700	2,633	0	1,975	45	+1,930
7+750	6,320	0	4,740	34	+4,706
7+800	4,409	0	3,307	99	+3,208
7+850	2,841	0	2,131	104	+2,027
7+900	910	0	683	172	+511
7+950	450	0	338	137	+201
8+000	287	0	215	167	+48
8+050	213	0	160	242	-82
8+100	90	0	68	336	-268
8+150	124	0	93	275	-182
8+200	224	0	168	299	-131
8+250	150	0	113	162	-49
8+300	156	0	117	316	-199
8+350	102	0	77	218	-141
8+400	109	0	82	223	-141
8+450	372	0	279	61	+218
8+500	340	0	255	87	+168
8+550	203	0	152	108	+44
8+600	252	0	189	54	+135
8+650	237	0	178	107	+71
8+700	204	0	153	121	+32
8+750	225	0	169	220	-51
8+800	230	0	173	326	-153
8+850	103	0	77	384	-307
8+900	61	15	46	441	-395
8+950	80	88	60	407	-347
9+000	89	143	67	347	-280
9+050	488	151	366	362	+4
9+100	317	153	238	347	-109
9+150	372	143	279	397	-118
9+200	401	145	301	300	+1
9+250	309	136	232	234	-2
9+300	296	112	222	236	-14
9+350	322	0	242	399	-157
9+400	401	0	301	695	-394
9+450	103	0	77	876	-799
9+500	40	0	30	821	-791
9+550	130	0	98	372	-274
9+600	155	0	116	244	-128
9+650	168	0	126	229	-103
9+700	267	0	200	327	-127
9+750	258	0	194	124	+70
9+800	250	0	188	130	+58
9+850	227	0	170	107	+63
9+900	169	0	127	204	-77
EMBER LANE	16	0	12	8	+4
SUNRISE AVE	385	0	289	187	+102
TOTAL	26,288	1,086			+7,782

* See sidestreets earthwork calculation table, this sheet
 The above calculations were performed by STV to reflect the earthwork balance based on the final cross-sections. Section-by-section end-area volume calculations for the mainline, sidestreets, and unsuitables follow. This earthwork table was not included in the final engineering plans.

MZ034730 MODULAR RETAINING WALL SYSTEM

LOCATION	AREA (SQ. M)
8+167.524 TO 8+179.528 LT.	16.74
8+195.222 TO 8+225.000 LT.	38.47
9+372.816 TO 9+383.033 LT.	13.94
TOTAL QUANTITY (SQ M)	69.00

ROUTE 8 SIDESTREETS EARTHWORK CALC TABLE

Roadway	Station	Area Cut (SQ M)	Area Fill (SQ M)	Distance (METER)	Cut-Sum End Areas (SQ M)	Fill-Sum End Areas (SQ M)	Earth Excavation (CU M)	Embankment (CU M)
Ember Lane	2+019.000	0.0	0.0	1,000	0.10	5.92	0.10	5.92
	2+020.000	0.20	11.83	10,000	0.13	7.91	1.30	79.05
	2+030.000	0.06	3.98	10,000	0.16	2.59	1.55	25.90
	2+040.000	0.25	1.2	10,000	0.69	0.69	6.90	6.85
	2+050.000	1.13	0.17	10,000	0.57	0.09	5.65	0.85
	2+060.000	0.0	0.0					
Subtotal							15.5	7.7
Sunrise Ave	2+009.000	0.0	0.0	11,000	4.94	0.0	54.29	0.0
	2+020.000	9.87	0.0	10,000	9.59	1.21	95.85	12.05
	2+030.000	9.30	2.41	10,000	8.21	3.79	82.05	37.85
	2+040.000	7.11	5.16	10,000	6.53	4.93	65.30	49.25
	2+050.000	5.95	4.69	10,000	4.71	4.41	47.05	44.90
	2+060.000	1.69	1.80	10,000	2.58	3.05	25.75	30.45
2+070.000	1.2	4.2	10,000	1.15	1.09	11.50	10.85	
2+080.000	0.61	0.37	10,000	0.31	0.19	3.05	1.85	
2+090.000	0.0	0.0						
Subtotal							384.8	187.2

66700205 PERMANENT SURVEY MARKERS, TYPE 1

LOCATION	EACH
7+692.397 CL PI	1
7+960.403 CL PT	1
8+154.063 CL PC	1
8+239.297 CL PI	1
8+324.227 CL PT	1
8+500.000 CL	1
8+655.000 CL PC	1
8+760.349 CL PI	1
8+865.139 CL PT	1
9+007.016 LANDFILL RD	1
9+146.548 HARMONY ST	1
9+267.019 HOWARD ST	1
9+343.108 CL PC	1
9+582.559 CL PT	1
9+686.891 SUNRISE AVE	1
9+850.000 CL	1
TOTAL QUANTITY (EACH)	16

60403400 GRATES, TYPE A

LOCATION	GRATES (EACH)
7+680.000 RT	1
7+756.200 LT	2
TOTAL QUANTITY	3

M4021200 AGGREGATE FOR TEMPORARY ACCESS

STAGE 1	LOCATION	MTON
7+932.106 RT.	54	
8+014.528 RT.	126	
8+385.395 LT.	20	
8+403.024 LT.	20	
8+423.078 LT.	76	
8+461.597 LT.	23	
8+490.276 LT.	58	
8+538.792 LT.	66	
8+561.999 LT.	34	
8+603.203 LT.	12	
8+633.287 LT.	36	
8+659.643 LT.	20	
8+820.497 RT.	105	
9+007.016 RT.	61	
9+087.955 RT.	13	
9+267.020 RT.	18	
9+481.509 LT.	22	
9+508.596 LT.	68	
9+538.794 LT.	25	
9+644.591 LT.	27	
9+843.467 RT.	16	
SUBTOTAL	900	

STAGE 2	LOCATION	MTON
8+184.957 LT.	15	
8+269.194 LT.	15	
8+310.078 LT.	14	
8+329.719 LT.	14	
8+367.598 LT.	14	
8+757.693 LT.	63	
8+792.395 LT.	40	
8+834.333 LT.	40	
8+856.987 LT.	25	
8+876.721 LT.	25	
9+047.903 LT.	25	
9+081.241 LT.	26	
9+099.420 LT.	26	
9+116.791 LT.	25	
9+146.548 LT.	48	
9+204.667 LT.	96	
9+267.019 LT.	96	
9+296.327 LT.	11	
9+323.764 LT.	25	
9+346.019 LT.	40	
9+388.892 LT.	45	
9+414.672 LT.	40	
9+431.874 LT.	40	
9+448.561 LT.	40	
SUBTOTAL	848	

* REUSE TEMPORARY AGGREGATE FROM STAGE TO STAGE

M4205200 PROTECTIVE COAT

SURFACE TYPE	AREA (SQ. M)
PCC PAVEMENT 250MM	42,833
TOTAL QUANTITY (SQ M)	42,833

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS ROUTE 8 - SEGMENT 2
 SCHEDULE OF QUANTITIES - 6

SCALE: NTS
 DATE: DECEMBER, 2003
 DRAWN BY: RDT
 CHECKED BY: PK