

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	2 Y-N	DUPAGE	40	6
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

EARTHWORK

1 IL. ROUTE 38 AT GARY'S MILL ROAD	2		3		4		5		6		7	
	EARTH EXCAVATION (CU YD)		UNSUITABLE MATERIAL (CU YD)		EMBANKMENT (CU YD)		ADJUSTMENT FOR SHRINKAGE (CU YD)		EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)		TOP SOIL FURNISH AND PLACE (SQ YD)	
	STAGE I	STAGE II	STAGE I	STAGE II	STAGE I	STAGE II	STAGE I	STAGE II	STAGE I	STAGE II	STAGE I	STAGE II
IL ROUTE 38 (STA. 92+33.28 TO STA. 93+00)	14	31	12	32	1	9	11.9	26.4	10.9	17.4		
IL ROUTE 38 (STA. 93+00 TO STA. 94+00)	47	77	42	54	4	21	40	65.5	36	44.5		
IL ROUTE 38 (STA. 94+00 TO STA. 95+00)	79	64	49	56	2	14	67.2	54.4	65.2	40.4		
IL ROUTE 38 (STA. 95+00 TO STA. 95+30.82)	18	33	8	17	0	1	15.3	28.1	15.3	27.1		
IL ROUTE 38 (STA. 95+30.82 TO STA. 95+56.63)	7	29	3	7	0	0	6.0	24.7	6.0	24.7		
IL ROUTE 38 (STA. 95+56.63 TO STA. 96+00)	14	22	8	13	1	6	11.9	18.7	10.9	12.7		
IL ROUTE 38 (STA. 96+00 TO STA. 96+22.69)	7	11	10	12	1	4	6.0	9.4	5.0	5.4		
IL ROUTE 38 (STA. 96+22.69 TO STA. 97+00)	56	32	48	38	0	6	47.6	27.2	47.6	21.2		
IL ROUTE 38 (STA. 97+00 TO STA. 98+00)	73	36	45	49	4	42	62.1	30.6	58.1	-11.4		
IL ROUTE 38 (STA. 98+00 TO STA. 99+00)	17	24	18	45	4	46	14.5	20.4	10.5	-25.6		
IL ROUTE 38 (STA. 99+00 TO STA. 99+53)	0	12	0	11	0	7	0	10.2	0	3.2		
IL ROUTE 38 (STA. 99+53 TO STA. 100+00)	11	22	7	12	0	4	9.4	18.7	9.4	14.7		
IL ROUTE 38 (STA. 100+00 TO STA. 101+00)	31	36	14	26	4	6	26.4	30.6	22.4	24.6		
IL ROUTE 38 (STA. 101+00 TO STA. 101+25.04)	4	0	0	0	2	0	3.4	0	1.4	0		
IL ROUTE 38 (STA. 101+25.04 TO STA. 102+00)	22	11	14	11	4	0	18.7	9.4	14.7	9.4		
IL ROUTE 38 (STA. 102+00 TO STA. 103+00)	42	28	38	35	5	2	35.7	23.8	30.7	21.8		
IL ROUTE 38 (STA. 103+00 TO STA. 104+00)	43	28	39	36	6	3	36.6	23.8	30.6	20.8		
IL ROUTE 38 (STA. 104+00 TO STA. 105+00)	33	51	20	41	6	5	28.1	43.4	22.1	38.4		
IL ROUTE 38 (STA. 105+00 TO STA. 105+04.71)	1	3	0	2	0	0	0.9	2.6	0.9	2.6		
IL ROUTE 38 (STA. 105+04.71 TO STA. 105+85.25)	24	32	12	21	6	12	20.4	27.2	14.4	15.2		
IL ROUTE 38 (STA. 105+85.25 TO STA. 106+00)	5	1	6	0	4	3	4.3	0.9	0.3	-2.1		
IL ROUTE 38 (STA. 106+00 TO STA. 106+25)	10	9	11	6	12	3	8.5	7.7	-3.5	4.7		
IL ROUTE 38 (STA. 106+25 TO STA. 106+85)	23	31	32	28	63	3	19.6	26.4	-43.4	23.4		
IL ROUTE 38 (STA. 106+85 TO STA. 107+00)	4	5	9	6	28	2	3.4	4.3	-24.6	2.3		
IL ROUTE 38 (STA. 107+00 TO STA. 107+56.38)	7	8	34	12	107	13	6.0	6.8	-101.0	-6.2		
IL ROUTE 38 (STA. 107+56.38 TO STA. 108+00)	3	2	21	6	45	9	2.6	1.7	-42.4	-7.3		
IL ROUTE 38 (STA. 108+00 TO STA. 108+26.61)	0	2	5	7	9	2	0	1.7	-9.0	-0.3		
TOTAL	595	640	456	583	318	223	506.5	520.8	188.5	321.6	1548	2083

COLUMN 1: LOCATION FROM PLANS
 COLUMN 2: CUT QUANTITIES FROM CROSS SECTIONS, WHICH DOES NOT INCLUDE UNSUITABLE MATERIAL
 COLUMN 3: CUT MATERIAL THAT IS DETERMINED TO BE EITHER UNSTABLE OR UNSUITABLE FOR USE IN EMBANKMENT, ASSUME 6" OF UNSUITABLE MATERIAL
 COLUMN 4: QUANTITIES FROM CROSS SECTIONS (FILL)

COLUMN 5: EARTH EXCAVATION THAT IS TO BE USED AS FILL MATERIAL IN THE EMBANKMENT, SHRINKAGE FACTOR WAS DETERMINED TO BE 15%
 COLUMN 6: COLUMN 5 - COLUMN 4, POSITIVE QUANTITY= EXTRA EXCAVATION, NEGATIVE QUANTITY= FURNISHED EXCAVATION NEEDED
 COLUMN 7: TOPSOIL FURNISH AND PLACE= AREA OF SEEDING AND

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
IL ROUTE 38 AT GARY'S MILL ROAD
SCHEDULE OF QUANTITIES

SCALE: VERT. DATE
 HORIZ. DATE
 DRAWN BY
 CHECKED BY