

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	35
STA. 432+03.12 TO STA. 470+56.84				
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SAUNDERS ROAD - TOTAL EARTHWORK QUANTITIES BY STATION

STA. TO	STA.	EARTH EXC. (CU YD)	UNSUIT. (CU YD)	EMBANKM. (CU YD)	EARTHWORK BALANCE (CU YD)
3+50	4+00	5	60	3	-1
4+00	4+21	5	23	0	-4
4+21	4+50	9	30	1	-6
4+50	5+00	18	52	1	-13
5+00	5+50	11	55	1	-7
5+50	6+00	2	52	1	-1
6+00	6+10	0	10	0	0
6+10	6+41	7	31	1	-4
6+41	6+50	4	9	0	-3
6+50	7+00	40	59	1	-29
7+00	7+50	84	71	1	-62
7+50	8+00	135	81	1	-100
8+00	8+50	177	102	1	-132
8+50	9+00	175	103	1	-130
TOTAL		672	738	13	-492

SAUNDERS ROAD - EARTH EXCAVATION BY STAGE AND STATION

STA. TO	STA.	PRE STAGE (CU YD)	STAGE 1 (CU YD)	STAGE 1A (CU YD)	STAGE 2 (CU YD)	STAGE 3 (CU YD)	STAGE 3A (CU YD)	STAGE 4 (CU YD)	STAGE 5 (CU YD)	TOTALS BY STATION (CU YD)
3+50	4+00	0	0	0	0	2.5	2.5	0	0	5
4+00	4+21	0	0	0	0	2.5	2.5	0	0	5
4+21	4+50	0	0	0	0	4.5	4.5	0	0	9
4+50	5+00	0	0	0	0	9	9	0	0	18
5+00	5+50	0	0	0	0	5.5	5.5	0	0	11
5+50	6+00	0	0	0	0	1	1	0	0	2
6+00	6+10	0	0	0	0	0	0	0	0	0
6+10	6+41	0	0	0	1.5	3.5	2	0	0	7
6+41	6+50	0	0	0	3.2	0.8	0	0	0	4
6+50	7+00	0	0	0	4.4	20	15.6	0	0	40
7+00	7+50	0	0	0	7	42	35	0	0	84
7+50	8+00	0	0	0	8.4	67.5	59.1	0	0	135
8+00	8+50	0	0	0	8.7	88.5	79.8	0	0	177
8+50	9+00	0	0	0	0	87.5	87.5	0	0	175
TOTAL (ROUNDED)		0	0	0	33	335	304	0	0	672

SAUNDERS ROAD - REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL BY STAGE AND STATION

STA. TO	STA.	PRE STAGE (CU YD)	STAGE 1 (CU YD)	STAGE 1A (CU YD)	STAGE 2 (CU YD)	STAGE 3 (CU YD)	STAGE 3A (CU YD)	STAGE 4 (CU YD)	STAGE 5 (CU YD)	TOTALS BY STATION (CU YD)
3+50	4+00	0	0	0	0	30	30	0	0	60
4+00	4+21	0	0	0	0	11.5	11.5	0	0	23
4+21	4+50	0	0	0	0	15	15	0	0	30
4+50	5+00	0	0	0	0	26	26	0	0	52
5+00	5+50	0	0	0	0	27.5	27.5	0	0	55
5+50	6+00	0	0	0	0	26	26	0	0	52
6+00	6+10	0	0	0	7.4	2.6	0	0	0	10
6+10	6+41	0	0	0	6.5	15.5	9	0	0	31
6+41	6+50	0	0	0	7.2	1.8	0	0	0	9
6+50	7+00	0	0	0	6.5	29.5	23	0	0	59
7+00	7+50	0	0	0	5.9	35.5	29.6	0	0	71
7+50	8+00	0	0	0	5.0	40.5	35.5	0	0	81
8+00	8+50	0	0	0	5.0	51	46	0	0	102
8+50	9+00	0	0	0	0	51.5	51.5	0	0	103
TOTAL (ROUNDED)		0	0	0	43	364	331	0	0	738

SAUNDERS ROAD - REQUIRED EMBANKMENT AND EARTHWORK BALANCE BY STAGE AND STATION

STA. TO	STA.	PRE STAGE (CU YD)		STAGE 1 (CU YD)		STAGE 1A (CU YD)		STAGE 2 (CU YD)		STAGE 3 (CU YD)		STAGE 3A (CU YD)		STAGE 4 (CU YD)		STAGE 5 (CU YD)		TOTALS BY STATION (CU YD)	
		EMBANKMENT	EARTHWORK BALANCE	EMBANKMENT	EARTHWORK BALANCE	EMBANKMENT	EARTHWORK BALANCE	EMBANKMENT	EARTHWORK BALANCE	EMBANKMENT	EARTHWORK BALANCE	EMBANKMENT	EARTHWORK BALANCE	EMBANKMENT	EARTHWORK BALANCE	EMBANKMENT	EARTHWORK BALANCE	EMBANKMENT	EARTHWORK BALANCE
3+50	4+00	0	0	0	0	0	0	0	0	-1.9	3	1.1	0	0	0	0	0	3	-1
4+00	4+21	0	0	0	0	0	0	0	0	-1.9	0	-1.9	0	0	0	0	0	0	-4
4+21	4+50	0	0	0	0	0	0	0	0	-3.4	1	-2.4	0	0	0	0	0	1	-6
4+50	5+00	0	0	0	0	0	0	0	0	-6.8	1	-5.8	0	0	0	0	0	1	-13
5+00	5+50	0	0	0	0	0	0	0	0	-4.1	1	-3.1	0	0	0	0	0	1	-7
5+50	6+00	0	0	0	0	0	0	0	0	-0.8	1	-0.2	0	0	0	0	0	1	-1
6+00	6+10	0	0	0	0	0	0	0	0	0	0	0.0	0	0	0	0	0	0	0
6+10	6+41	0	0	0	0	0	0	0	-1.1	0	-2.6	1	-0.5	0	0	0	0	1	-4
6+41	6+50	0	0	0	0	0	0	0	-2.4	0	-0.6	0	0.0	0	0	0	0	0	-3
6+50	7+00	0	0	0	0	0	0	0	-3.3	0	-15.0	1	-10.7	0	0	0	0	1	-29
7+00	7+50	0	0	0	0	0	0	0	-5.3	0	-31.5	1	-25.3	0	0	0	0	1	-62
7+50	8+00	0	0	0	0	0	0	0	-6.3	0	-50.6	1	-43.3	0	0	0	0	1	-100
8+00	8+50	0	0	0	0	0	0	0	-6.5	0	-66.4	1	-58.9	0	0	0	0	1	-132
8+50	9+00	0	0	0	0	0	0	0	0	-65.6	1	-64.6	0	0	0	0	0	1	-130
TOTAL (ROUNDED)		0	0	0	0	0	0	0	-25	0	-251	13	-216	0	0	0	0	13	-492

EARTHWORK BALANCE = FURNISHED EXCAVATION - EMBANKMENT - (1-(SHRINKAGE FACTOR (0.25)) * EARTH EXCAVATION)
 A POSITIVE QUANTITY IMPLIES THAT FURNISHED EXCAVATION WILL BE REQUIRED. A NEGATIVE QUANTITY IMPLIES THAT THERE IS EXCESS EXCAVATED MATERIAL THAT CAN BE USED ELSEWHERE WITHIN THE PROJECT LIMITS

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 ILLINOIS RTE 60 OVER I-94
 SAUNDERS ROAD
 SCHEDULE OF QUANTITIES - EARTHWORK
 SHEET 4 OF 5

SCALE: N.T.S. DRAWN BY: GT
 DATE: MAY 8, 2007 CHECKED BY: MCW

60B01

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