F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	32
STA. 432+83.12		TO STA. 470+56.84		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

60B01

IL-60 - TOTAL EARTHWORK QUANTITIES BY STATION

1

STATION TO STATION	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION (SPECIAL) (CU YD)	REM. & DISP. UNSUITABLE MATERIAL (CU YD)	EARTHWORK BALANCE (CU YD)	POROUS GRAN. MAT. SUBGRADE (CU YD)
434+50 TO 441+25	1415.0	730.0	1790.0	7005.0	0.0
441+50 TO 444+50	575.0	1610.0	2100.0	20490.0	0.0
446+50 TO 451+50	855.0	1130.0	4825.0	26445.0	2715.0
452+00 TO 460+00	2670.0	1595.0	4295.0	13815.0	1470.0
460+50 TO 470+50	1580.0	0.0	1635.0	-1900.0*	0.0
TOTAL (ROUNDED)	7095.0	5065.0	14645.0	65855.0*	4185.0

EARTHWORK BALANCE = FURNISHED EXCAVATION (SEE FORMULA BELOW)

IL-60 - EARTH EXCAVATION BY STAGE AND STATION

1

STATION TO STATION	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 (ROUNDED)
434+50 TO 441+25	91.0	524.8	43.7	129.7	375.8	82.5	121.8	41.3	1415.0
441+50 TO 444+50	24.0	384.6	0.0	0.0	162.9	0.0	0.0	0.0	575.0
446+50 TO 451+50	81.7	145.5	81.5	142.8	311.3	12.4	55.7	21.8	855.0
452+00 TO 460+00	107.9	1107.8	0.0	27.3	1084.9	0.0	19.8	321.8	2670.0
460+50 TO 470+50	363.0	0.0	0.0	0.0	1094.7	0.0	0.0	119.1	1580.0
TOTAL (ROUNDED)	670.0	2165.0	130.0	300.0	3030.0	95.0	200.0	505.0	7095.0

IL-60 - EARTH EXCAVATION (SPECIAL) BY STAGE AND STATION

STATION TO STATION	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 (ROUNDED)
434+50 TO 441+25	0.0	386.6	0.0	144.7	198.7	0.0	0.0	0.0	730.0
441+50 TO 444+50	0.0	940.9	0.0	0.0	668.2	0.0	0.0	0.0	1610.0
446+50 TO 451+50	0.0	413.6	0.0	128.3	453.1	0.0	131.7	0.0	1130.0
452+00 TO 460+00	0.0	1155.2	0.0	76.3	324.4	0.0	38.1	0.0	1595.0
460+50 TO 470+50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL (ROUNDED)	0.0	2900.0	0.0	350.0	1645.0	0.0	170.0	0.0	5065.0

IL-60 - REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL BY STAGE AND STATION

1

STATION TO STATION	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 (ROUNDED)
434+50 TO 441+25	0.0	773.8	0.0	187.0	689.1	0.0	135.3	0.0	1790.0
441+50 TO 444+50	0.0	1095.0	0.0	0.0	1003.3	0.0	0.0	0.0	2100.0
446+50 TO 451+50	0.0	3389.6	0.0	192.7	1047.2	0.0	194.6	0.0	4825.0
452+00 TO 460+00	269.3	1574.1	0.0	96.6	2054.8	0.0	73.3	223.5	4295.0
460+50 TO 470+50	680.5	0.0	0.0	0.0	951.6	0.0	0.0	0.0	1635.0
TOTAL (ROUNDED)	950.0	6835.0	0.0	480.0	5750.0	0.0	405.0	225.0	14645.0

IL-60 - REQUIRED EMBANKMENT AND EARTHWORK BALANCE BY STAGE AND STATION

	PRE STAGE		STAGE 1		STAGE 1A		STAGE 2		STAGE 3		STAGE 3A		STAGE 4		STAGE 5		TOTALS BY STATION (ROUNDED)	
STATION TO STATION	EMBANKMENT (CU YD)	EARTHWORK BALANCE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE (CU YD)
434+50 TO 441+25	0.0	-77.4	3132.2	2357.3	0.0	-37.1	927.2	693.9	3560.6	3072.5	0.0	-70.1	582.8	479.3	618.3	583.1	8825.0	7005.0
441+50 TO 444+50	0.0	-20.4	13876.3	12749.7	0.0	0.0	0.0	0.0	8219.1	7512.7	0.0	0.0	0.0	0.0	243.3	243.3	22340.0	20490.0
446+50 TO 451+50	0.0	-69.5	13199.7	12724.5	0.0	-69.3	957.1	726.7	11957.9	11308.6	0.0	-10.5	1575.0	1415.3	434.4	415.9	28125.0	26445.0
452+00 TO 460+00	143.6	51.9	10706.0	8782.5	0.0	0.0	770.6	682.5	4949.5	3751.6	0.0	0.0	610.8	561.6	253.1	-19.1	17435.0	13815.0
460+50 TO 470+50	4.4	-304.2	0.0	-682.4*	0.0	0.0	0.0	-28.6*	164.2	-1056.6*	0.0	-252.3*	0.0	0.0	520.4	419.2	690.0	-1900.0*
TOTAL (ROUNDED)	150.0	-415.0	40915.0	35935.0*	0.0	-105.0	2655.0	2075.0*	28855.0	24590.0*	0.0	-330.0*	2770.0	2460.0	2070.0	1645.0	77415.0	65855.0*

EARTHWORK BALANCE = FURNISHED EXCAVATION = EMBANKMENT - (1 - (SHRINKAGE FACTOR (0.15)) X (EARTH EXCAVATION + EARTH EXCAVATION (SPECIAL))).
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.

* - INCLUDES EARTHWORK BALANCE QUANTITIES ALONG FIELD DRIVE, ALONG SAUNDERS ROAD, AND ALONG THE NORTH SIDE OF IL-60 EAST OF THE FIELD DRIVE/SAUNDERS ROAD INTERSECTION (SEE SCHEDULE OF QUANTITIES - EARTHWORK SHEETS 3, 4, AND 5 OF 5 FOR A DETAILED BREAKDOWN OF THE ADDITIONAL EARTHWORK BALANCE QUANTITIES BY STAGE AND LOCATION).

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REVISIONS	
NAME	DATE
1 ADDENDUM 1	08/31/07

ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS RTE 60 OVER I-94

SCHEDULE OF QUANTITIES
IL RTE. 60 (TOWNLINE RD)
EARTHWORK QUANTITIES - SHEET 1 OF 5

SCALE: NONE DRAWN BY: JDF
DATE: MAY 8, 2007 CHECKED BY: JPM