

F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
866	*	LAKE	554	337
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
*(L-2[W,R];6,6A & 6 EXT) WRS-1				

EARTHWORK SCHEDULE

ILLINOIS ROUTE 83			STAGE I					STAGE II						
			TOPSOIL EXCAVATION CU YD	UNSUITABLE EXCAVATION CU YD	EARTH EXCAVATION CU YD	EMBANKMENT CU YD	POROUS GRANULAR EMBANKMENT SUBGRADE CU YD	STORM SEWER EXCAVATION CU YD	TOPSOIL EXCAVATION CU YD	UNSUITABLE EXCAVATION CU YD	EARTH EXCAVATION CU YD	EMBANKMENT CU YD	POROUS GRANULAR EMBANKMENT SUBGRADE CU YD	STORM SEWER EXCAVATION CU YD
STATION	TO	STATION												
191+85		202+00	456.9	0.0	741.5	59.9	0.0	0.0	218.4	0.0	297.3	67.6	0.0	0.0
202+00		214+00	677.3	0.0	1,495.0	13.0	0.0	0.0	702.1	0.0	1,010.5	443.8	0.0	0.0
214+00		226+00	653.0	268.6	1,362.0	180.8	125.6	0.0	804.7	356.3	1,931.7	205.6	181.2	0.0
226+00		238+00	771.2	0.0	1,811.1	648.1	0.0	0.0	714.4	0.0	998.5	838.4	0.0	17.4
238+00		250+00	542.7	0.0	815.1	468.2	0.0	174.4	328.3	80.9	655.0	222.1	34.4	59.5
250+00		262+00	530.6	704.5	561.0	338.6	302.0	0.0	384.7	693.4	134.0	294.7	261.1	392.6
262+00		274+00	803.5	437.4	1,729.5	795.3	134.4	0.0	489.9	329.9	237.7	1,099.3	118.7	117.7
274+00		286+00	791.3	1,055.0	663.2	128.0	472.4	37.0	558.9	709.8	103.7	904.9	331.4	143.0
286+00		298+00	627.5	51.1	456.6	636.0	21.9	187.4	802.6	40.2	853.4	893.5	18.5	44.4
298+00		310+00	647.0	275.0	503.6	312.1	96.0	475.9	689.3	224.7	982.3	374.5	91.4	30.4
310+00		322+00	512.5	138.3	448.9	512.6	52.3	436.6	652.6	213.5	962.1	374.6	70.6	8.4
322+00		334+00	480.1	0.0	527.5	408.1	0.0	288.4	558.6	0.0	847.8	779.1	0.0	241.9
334+00		408+00	449.8	107.5	1,390.2	174.3	25.8	1,135.1	303.0	117.2	1,431.6	76.2	29.1	185.3
408+00		420+00	285.5	18.1	414.3	96.9	4.1	176.0	269.2	20.0	233.2	250.9	5.2	36.2
420+00		431+50	75.8	0.0	114.7	64.2	0.0	1,617.7	45.6	0.0	88.5	31.6	0.0	23.6
431+50		444+00	348.7	252.2	178.9	115.1	97.6	835.5	266.5	162.7	163.8	155.9	63.8	316.0
444+00		456+00	265.3	0.0	306.2	125.0	0.0	59.4	234.0	0.0	234.0	150.1	0.0	0.0
456+00		468+00	305.1	215.6	458.0	126.2	84.9	924.4	361.5	410.1	529.9	107.6	161.8	0.0
468+00		480+00	475.2	0.0	664.6	271.5	0.0	30.8	537.2	0.0	1,105.0	131.0	0.0	20.8
480+00		493+17	417.1	0.0	582.7	370.9	0.0	13.4	643.0	0.0	1,423.4	194.0	0.0	33.2
		TOTALS	10,116.1	3,523.3	15,224.6	5,844.8	1,417.0	6,392.0	9,564.5	3,358.7	14,223.4	7,595.4	1,367.2	1,670.4


EARTHWORK SUMMARY

	STAGE I	STAGE II	TOTAL
EARTH EXCAVATION	16,878.9	15,723.7	32,602.6
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	15,954.2	15,557.6	31,511.8
EMBANKMENT	6,398.1	8,240.3	14,638.4
POROUS GRANULAR EMBANKMENT, SUBGRADE	1,938.8	2,028.9	3,967.7
SUITABLE SEWER EXCAVATION	6,534.3	3,325.5	9,859.8
SEDIMENTATION BASIN EXCAVATION	1,436.0		1,436.0

THE PAY ITEM REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS INCLUDES TOPSOIL EXCAVATION AND UNSUITABLE EXCAVATION. TOPSOIL REMOVAL QUANTITY IS BASED UPON AN AVERAGE 6 INCH THICKNESS.

EARTH EXCAVATION SHRINKAGE FACTOR IS 15%

ILLINOIS ROUTE 173			STAGE I					STAGE II						
			TOPSOIL EXCAVATION CU YD	UNSUITABLE EXCAVATION CU YD	EARTH EXCAVATION CU YD	EMBANKMENT CU YD	POROUS GRANULAR EMBANKMENT SUBGRADE CU YD	STORM SEWER EXCAVATION CU YD	TOPSOIL EXCAVATION CU YD	UNSUITABLE EXCAVATION CU YD	EARTH EXCAVATION CU YD	EMBANKMENT CU YD	POROUS GRANULAR EMBANKMENT SUBGRADE CU YD	STORM SEWER EXCAVATION CU YD
25+88	32+50		237.6	0	603.5	41.3	0	0	216.7	0	436.4	64.7	0	884.2
32+50	36+53		130.8	0	163.5	64.4	0	0	53.6	0	118	45.4	0	0
		IL 173 TOTALS	368.4	0	767	105.7	0	0	270.3	0	554.4	110.1	0	884.2
NORTH AVENUE														
35+00	40+00		177.3	266	173.3	83.6	95.1	37.8	182.3	262.2	117.5	58.2	90.1	344.9
40+00	46+00		87	253.7	24.5	26	89.3	0	83.3	75.7	26.2	62.4	29	0
		NORTH AVENUE TOTALS	264.3	519.7	197.8	109.6	184.4	37.8	265.6	337.9	143.7	120.6	119.1	344.9
GRASS LAKE ROAD														
13+06	25+00		329.8	832.6	689.5	338	337.4	104.5	354.5	1426.1	802.2	414.2	542.6	426.0
		GRASS LAKE RD TOTALS	329.8	832.6	689.5	338	337.4	104.5	354.5	1426.1	802.2	414.2	542.6	426.0

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION ILLINOIS ROUTE 83 FROM THE WISCONSIN STATE LINE TO NORTH OF PETITE LAKE ROAD <b>EARTHWORK SCHEDULE</b> SHEET 1 OF 1
NAME	DATE	
DATE: 1/30/09		DRAWN BY: JJH CHECKED BY: MW
		GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS