F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0085	00-00246-02-FP	MCHENRY	292	028
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

CONTRACT NO: 63522

SCHEDULE OF QUANTITIES

WALKUP ROAD		EARTH EXCAVATION				REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL (TOPSOIL & UNDERCUT)				EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE)				EMBANKMENT				EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)				POROUS GRANULAR EMBANKMENT SUBGRADE			
STATION	TO STATION	PRESTAGE CYD	STAGE I CYD	STAGE II CYD	STAGE III CYD	PRESTAGE CYD	STAGE I CYD	STAGE II CYD	STAGE III CYD	PRESTAGE CYD	STAGE I CYD	STAGE II CYD	STAGE III CYD	PRESTAGE CYD	STAGE I CYD	STAGE II CYD	STAGE III CYD	PRESTAGE CYD	STAGE I CYD	STAGE II CYD	STAGE III CYD	PRESTAGE CYD	STAGE I CYD	STAGE II CYD	STAGE III CYD
291+00.00	292+00.00	0.0	36.2	70.0	0.0	0.0	28.8	33.5	0.0	0.0	30.8	59.5	0.0	0.0	39.6	6.3	0.0	0.0	-8.8	53.3	0.0	0.0	0.0	0.0	0.0
292+00.00	293+00.00	0.0	33.6	38.7	0.0	0.0	30.4	30.0	0.0	0.0	28.6	32.9	0.0	0.0	47.1	8.6	0.0	0.0	-18.6	24.3	0.0	0.0	0.0	0.0	0.0
293+00.00	294+00.00	0.0	35.7	47.8	0.0	0.0	35.1	38.1	0.0	0.0	30.3	40.6	0.0	0.0	61.4	15.9	0.0	0.0	-31.0	24.7	0.0	0.0	0.0	0.0	0.0
294+00.00	295+00.00	0.0	28.5	52.3	0.0	0.0	35.0	39.7	0.0	0.0	24.2	44.4	0.0	0.0	66.4	22.9	0.0	0.0	-42.2	21.6	0.0	0.0	0.0	0.0	0.0
295+00.00	296+00.00	0.0	29.6	44.4	0.0	0.0	34.9	35.5	0.0	0.0	25.2	37.7	0.0	0.0	56.6	19.9	0.0	0.0	-31.4	17.8	0.0	0.0	0.0	0.0	0.0
296+00.00	297+00.00	0.0	22.2	66.1	0.0	0.0	35.7	38.9	0.0	0.0	18.9	56.2	0.0	0.0	41.1	10.4	0.0	0.0	-22.2	45.8	0.0	0.0	0.0	0.0	0.0
297+00.00	298+00.00	0.0	10.0	65.4	0.0	0.0	18.8	38.8	0.0	0.0	8.5	55.6	0.0	0.0	40.5	10.4	0.0	0.0	-32.0	45.2	0.0	0.0	0.0	0.0	0.0
298+00.00	298+70.00	0.0	10.2	28.6	0.0	0.0	10.9	24.5	0.0	0.0	8.7	24.3	0.0	0.0	49.3	12.5	0.0	0.0	-40.6	11.8	0.0	0.0	0.0	0.0	0.0
298+70.00	299+00.00	0.0	5.4	9.7	0.0	0.0	9.4	10.4	0.0	0.0	4.6	8.3	0.0	0.0	30.0	9.5	0.0	0.0	-25.3	-1.2	0.0	0.0	0.0	0.0	0.0
299+00.00	299+32.08	0.0	21.6	9.0	0.0	0.0	17.6	11.1	0.0	0.0	18.4	7.7	0.0	0.0	37.8	13.4	0.0	0.0	-19.4	-5.8	0.0	0.0	0.0	0.0	0.0
299+32.08	300+00.00	0.0	74.8	19.0	0.0	0.0	53.0	24.7	0.0	0.0	63.6	16.1	0.0	0.0	97.3	36.3	0.0	0.0	-33.7	-20.2	0.0	0.0	0.0	0.0	0.0
300+00.00	301+00.00	0.0	111.2	28.1	0.0	0.0	78.2	39.6	0.0	0.0	94.5	23.9	0.0	0.0	148.3	75.6	0.0	0.0	-53.8	-51.7	0.0	0.0	0.0	0.0	0.0
301+00.00	302+00.00	0.0	173.6	28.4	0.0	0.0	77.4	40.8	0.0	0.0	147.6	24.2	0.0	0.0	133.1	88.8	0.0	0.0	14.5	-64.6	0.0	0.0	0.0	0.0	0.0
302+00.00	303+00.00	0.0	239.2	24.2	0.0	0.0	75.8	35.9	0.0	0.0	203.3	20.6	0.0	0.0	112.7	89.0	0.0	0.0	90.6	-68.4	0.0	0.0	0.0	0.0	0.0
303+00.00	304+00.00	0.0	243.6	19.1	0.0	0.0	76.2	34.1	0.0	0.0	207.1	16.2	0.0	0.0	104.3	96.0	0.0	0.0	102.8	-79.7	0.0	0.0	0.0	0.0	0.0
304+00.00	305+00.00	0.0	214.3	18.1	0.0	0.0	76.9	35.7	0.0	0.0	182.2	15.3	0.0	0.0	99.6	101.5	0.0	0.0	82.5	-86.2	0.0	0.0	0.0	0.0	0.0
305+00.00	306+00.00	0.0	170.7	18.6	0.0	0.0	76.5	33.2	0.0	0.0	145.1	15.8	0.0	0.0	96.9	95.1	0.0	0.0	48.2	-79.4	0.0	0.0	0.0	0.0	0.0
306+00.00	307+00.00	0.0	146.3	20.8	0.0	0.0	76.4	34.6	0.0	0.0	124.3	17.7	0.0	0.0	85.0	89.9	0.0	0.0	39.4	-72.2	0.0	0.0	0.0	0.0	0.0
307+00.00	307+45.00	0.0	47.0	15.0	0.0	0.0	26.6	14.1	0.0	0.0	40.0	12.8	0.0	0.0	28.7	36.9	0.0	0.0	11.2	-24.2	0.0	0.0	0.0	0.0	0.0
307+45.00		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	STAGE TOTALS	0.0	5490.5	4498.4	0.0	0.0	4547.1	4346.8	0.0	0.0	4666.9	3823.6	0.0	0.0	5342.0	6372.6	0.0	0.0	-675.1	-2549.0	0.0	0.0	706.7	938.5	0.0
MASON HILL RD (MCHENRY)																									
20+40.00	21+00.00	0.0	3.4	8.7	0.0	0.0	8.6	10.7	0.0	0.0	2.9	7.4	0.0	0.0	9.9	2.6	0.0	0.0	-7.0	4.9	0.0	0.0	0.0	0.0	0.0
21+00.00	22+00.00	0.0	3.2	10.5	0.0	0.0	22.8	19.2	0.0	0.0	2.7	8.9	0.0	0.0	53.5	11.7	0.0	0.0	-50.8	-2.8	0.0	0.0	0.0	0.0	0.0
22+00.00	22+28.28	0.0	0.0	1.0	0.0	0.0	6.7	5.1	0.0	0.0	0.0	0.9	0.0	0.0	21.5	6.1	0.0	0.0	-21.5	-5.3	0.0	0.0	0.0	0.0	0.0
22+28.28	22+58.52	0.0	0.0	0.6	0.0	0.0	8.8	5.8	0.0	0.0	0.0	0.5	0.0	0.0	32.5	10.9	0.0	0.0	-32.4	-10.5	0.0	0.0	0.0	0.0	0.0
22+58.52	22+81.46	0.0	0.1	0.3	0.0	0.0	7.3	8.6	0.0	0.0	0.1	0.3	0.0	0.0	16.2	15.3	0.0	0.0	-16.1	-15.0	0.0	0.0	0.0	0.0	0.0
22+81.46	23+00.00	0.0	0.0	0.3	0.0	0.0	7.2	6.9	0.0	0.0	0.0	0.2	0.0	0.0	27.3	15.9	0.0	0.0	-27.2	-15.7	0.0	0.0	0.0	0.0	0.0
23+00.00	23+15.49	0.0	0.1	0.1	0.0	0.0	7.4	7.4	0.0	0.0	0.1	0.1	0.0	0.0	16.3	13.5	0.0	0.0	-16.2	-13.4	0.0	0.0	0.0	0.0	0.0
23+15.49	23+32.34	0.0	0.0	0.0	0.0	0.0	4.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	13.6	9.9	0.0	0.0	-13.6	-9.9	0.0	0.0	0.0	0.0	0.0
23+32.34		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	STAGE TOTALS	0.0	7.0	21.5	0.0	0.0	72.7	67.9	0.0	0.0	5.9	18.3	0.0	0.0	190.8	86.0	0.0	0.0	-184.9	-67.7	0.0	0.0	0.0	0.0	0.0
	IL RTE 176	577.9	1490.9	275.6	895.4	438.6	799.7	83.6	315.2	491.2	1267.3	234.3	761.1	164.2	679.9	755.7	424.3	327.0	587.4	-521.4	336.8	0.0	0.0	0.0	0.0
	GATES ST	0.0	93.2	0.0	0.0	0.0	33.0	0.0	0.0	0.0	79.2	0.0	0.0	0.0	26.5	0.0	0.0	0.0	52.7	0.0	0.0	0.0	0.0	0.0	0.0
	WALKUP RD (CRYSTAL LAKE)	0.0	1901.0	0.0	0.0	0.0	886.5	0.0	0.0	0.0	1615.8	0.0	0.0	0.0	262.3	0.0	0.0	0.0	1353.6	0.0	0.0	0.0	490.1	0.0	0.0
	DRYWELL PARK	0.0	280.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	238.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	238.0	0.0	0.0	0.0	0.0	0.0	0.0
	WALKUP RD (MCHENRY)	1543.4	8299.9	4987.3	3399.0	987.0	6401.1	4519.8	1205.9	1311.9	7054.9	4239.2	2889.1	415.0	8629.7	6414.9	688.3	896.9	-1574.8	-2175.7	2200.8	0.0	1581.8	955.1	725.8
	MASON HILL RD	0.0	7.0	21.5	0.0	0.0	72.7	67.9	0.0	0.0	5.9	18.3	0.0	0.0	190.8	86.0	0.0	0.0	-184.9	-67.7	0.0	0.0	0.0	0.0	0.0
	STAGE TOTALS	2121.2	12072.0	5284.4	4294.3	1425.6	8192.9	4671.3	1521.0	1803.1	10261.2	4491.7	3650.2	579.2	9789.1	7256.6	1112.6	1223.9	472.0	-2764.9	2537.6	0.0	2071.9	955.1	725.8
	GRAND TOTALS				23772.0				15810.9				20206.2				18737.5				1468.7				3752.8

NOTE:

1. THE CALCULATED QUANTITIES FOR REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL AND POROUS GRANULAR EMBANKMENT, SUBGRADE HAVE BEEN INCREASED TO ALLOW FOR A 12" UNDERCUT OVER 5% OF THE NEW PAVEMENT AREAS TO ACCOUNT FOR LOCALIZED AREAS OF FROST-SUSCEPTIBLE SOILS AND VARIATIONS IN FIELD CONDITIONS.

ESTIMATED UNDERCUT

LOCATION	FR STA	TO STA	DEPTH
WALKUP	46+00	49+50	6"
WALKUP	73+50	76+50	12"
WALKUP	78+50	81+50	12"
WALKUP	226+50	229+50	12"
WALKUP	244+50	247+50	18"
WALKUP	265+50	271+50	18"
WALKUP	274+50	277+50	18"
WALKUP	292+50	295+50	18"

REVISIONS	
NAME	DATE

MCHENRY COUNTY DIVISION OF TRANSPORTATION
WALKUP ROAD F.A.U. 0085

SCHEDULE OF QUANTITIES
SHEET 8 OF 8

SCALE: N.T.S. DRAWN BY: RJS
DATE: 04/15/11 CHECKED BY: MCD

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
300 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-2000

STANKRJ
..\SC02A003.DGN,..\SC02A006.SHT,..\SC02A003.DGN,..\BD99A00.DGN
4:44:26 PM, 5/02/2011 \\S-CHA-NAS01\Projects\2009\09-031\CIVIL\CAD\02 CONTRACT\A TENG\SHEETS\SC02A008.SHT
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63