F.A.U. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3737	97-00072-00-FP	COOK	66	7
STA.	TO STA.			
FED. ROAD DIST. NO.		ILLINOIS	FED AID PROJECT	
C-91-313-02			M-8003 (235)	

CONTRACT NO. 83772

EARTH EXCAVATION - STAGE II

STATION	EARTH EXCAVATION (SF)	EMBANK. (SF)	TOPSOIL EX. (SF)	UNDERCUT (SF)	PGES (SF)	EARTH EXCAVATION (CY)	EMBANK. (CY)	TOPSOIL EXCAVATION (CY)	UNDERCUT (CY)	PGES (CY)	REM. & DISP. OF UNSUIT. (CY)	EARTH EXC. TO BE USED IN EMBANK. (CY)	BALANCE WASTE (+) SHORTAGE (-)
174th	56.1	27.7	59.0	0.0	0.0	51.9	25.7	54.7	0.0	0.0	54.7	44.2	18.5
LOCKWOOD AVENUE													
31+00	21.0	5.8	24.6	0.0	0.0								
32+00	15.2	12.0	30.2	0.0	0.0	67.1	33.0	101.6	0.0	0.0	101.6	57.0	24.0
33+00	16.3	5.9	26.3	0.0	0.0	58.4	33.2	104.6	0.0	0.0	104.6	49.6	16.4
34+00	11.9	16.6	29.4	0.0	0.0	52.3	41.8	103.1	0.0	0.0	103.1	44.5	2.7
35+00	39.4	5.5	18.7	0.0	0.0	95.0	40.9	89.1	0.0	0.0	89.1	80.7	39.8
35+73	97.3	0.0	0.0	0.0	0.0	184.8	7.4	29.3	0.0	0.0	25.3	157.1	149.7
36+00	42.1	2.0	11.1	0.0	0.0	69.7	1.0	5.5	0.0	0.0	5.5	59.2	58.2
37+00	29.7	10.1	16.7	0.0	0.0	132.9	22.4	51.4	0.0	0.0	51.4	113.0	90.6
38+00	28.2	8.1	17.9	0.0	0.0	107.3	33.7	64.0	0.0	0.0	64.0	91.2	57.5
39+00	29.4	17.8	26.2	0.0	0.0	106.7	48.0	81.6	0.0	0.0	81.6	90.7	42.7
40+00	27.4	7.9	17.9	0.0	0.0	105.2	47.6	81.6	0.0	0.0	81.6	89.4	41.8
41+00	28.8	7.9	17.9	0.0	0.0	104.1	25.2	66.2	0.0	0.0	66.2	88.5	59.3
42+00	13.1	13.9	30.4	0.0	0.0	77.6	40.4	89.3	0.0	0.0	89.3	66.0	25.6
43+00	6.2	19.6	24.9	7.7	7.7	35.7	62.2	102.3	14.2	14.2	116.6	30.3	-31.8
44+00	8.6	11.9	25.2	6.6	7.7	27.4	58.5	92.8	26.5	28.5	119.3	23.3	-35.2
45+00	30.6	6.7	22.4	7.7	7.7	72.6	34.6	88.1	26.6	28.5	114.6	61.7	27.1
46+00	25.1	10.4	22.9	0.0	0.0	103.0	31.8	83.8	14.3	14.3	98.1	87.6	55.8
47+00	7.0	21.2	32.7	0.0	0.0	59.4	58.6	102.9	0.0	0.0	102.9	50.5	-8.1
48+00	8.3	40.6	30.5	0.0	0.0	28.4	114.6	117.0	0.0	0.0	117.0	24.1	-90.5
49+00	13.5	20.5	25.3	0.0	0.0	40.4	113.2	103.4	0.0	0.0	103.4	34.4	-78.8
50+00	13.5	17.8	25.3	0.0	0.0	50.0	70.8	93.8	0.0	0.0	93.8	42.5	-28.3
50+82	90.2	0.0	0.0	0.0	0.0	157.5	27.0	38.5	0.0	0.0	38.5	133.9	106.9
51+00	30.1	5.8	23.1	0.0	0.0	40.1	1.9	7.7	0.0	0.0	7.7	34.1	32.2
52+00	14.4	9.3	21.9	0.0	0.0	82.3	27.8	83.3	0.0	0.0	83.3	70.0	42.2
53+00	22.2	6.1	20.8	0.0	0.0	67.7	28.4	79.1	0.0	0.0	79.1	57.5	29.1
54+00	27.8	9.5	21.7	0.0	0.0	92.7	28.8	78.7	0.0	0.0	78.7	78.8	50.0
54+76	101.6	0.0	0.0	0.0	0.0	182.2	13.3	30.5	0.0	0.0	30.5	154.9	141.5
55+00	36.6	1.7	27.0	0.0	0.0	61.4	0.7	12.0	0.0	0.0	12.0	52.2	51.5
56+00	29.6	10.3	17.5	0.0	0.0	122.5	22.1	82.5	0.0	0.0	82.5	104.1	82.0
57+00	35.7	1.4	18.2	0.0	0.0	120.9	21.6	66.1	0.0	0.0	66.1	102.8	81.1
57+86	101.0	0.0	0.0	0.0	0.0	217.8	2.3	29.0	0.0	0.0	29.0	185.2	182.9
58+00	94.6	0.0	0.0	0.0	0.0	50.7	0.0	0.0	0.0	0.0	0.0	43.1	43.1
59+00	21.9	18.6	23.8	0.0	0.0	215.8	34.5	44.0	0.0	0.0	44.0	183.4	148.9
60+00	19.2	13.4	23.9	0.0	0.0	76.1	59.3	88.3	0.0	0.0	88.3	64.7	5.4
61+00	28.6	5.6	25.4	0.0	0.0	88.6	35.2	91.3	0.0	0.0	91.3	75.3	40.2
62+00	16.1	21.2	30.4	0.0	0.0	82.8	49.6	103.3	0.0	0.0	103.3	70.4	20.8
63+00	65.1	0.0	0.0	0.0	0.0	150.3	39.2	56.2	0.0	0.0	56.2	127.8	88.6
63+13	80.0	0.0	0.0	0.0	0.0	34.9	0.0	0.0	0.0	0.0	0.0	29.7	29.7
64+00	17.1	16.1	24.6	0.0	0.0	156.4	25.9	39.7	0.0	0.0	39.7	133.0	107.1
65+00	15.2	18.7	26.9	0.0	0.0	59.8	64.4	95.5	0.0	0.0	95.5	50.8	-13.6
66+00	19.1	11.9	25.8	0.0	0.0	63.6	56.7	97.7	0.0	0.0	97.7	54.0	-2.7
67+00	27.1	8.9	24.1	0.0	0.0	85.6	38.6	92.4	0.0	0.0	92.4	72.8	34.2
68+00	22.5	8.4	24.3	0.0	0.0	91.8	32.1	89.5	0.0	0.0	89.5	78.0	46.0
69+00	20.3	12.7	24.0	0.0	0.0	79.2	39.0	89.4	0.0	0.0	89.4	67.3	28.3
70+00	20.3	11.0	23.6	0.0	0.0	75.1	43.8	88.1	0.0	0.0	88.1	63.9	20.1
71+00	33.0	6.6	19.8	0.0	0.0	98.8	32.5	80.3	0.0	0.0	80.3	84.0	51.5
72+00	44.5	0.6	13.0	0.0	0.0	143.5	13.3	60.8	0.0	0.0	60.8	122.0	108.7
73+00	26.9	2.2	23.0	0.0	0.0	132.1	5.2	66.7	0.0	0.0	66.7	112.3	107.1
74+00	25.2	6.8	25.0	0.0	0.0	96.4	16.7	88.9	0.0	0.0	88.9	82.0	65.3
75+00	19.8	11.7	26.5	0.0	0.0	83.4	34.2	95.4	0.0	0.0	95.4	70.9	36.7
76+00	25.3	20.0	15.9	91.1	91.1	83.5	58.6	78.5	168.6	168.6	247.1	71.0	12.4
77+00	11.7	24.3	30.6	88.6	90.8	68.4	82.1	86.1	332.8	336.7	418.9	58.2	-23.9
78+00	13.1	17.6	33.7	0.0	0.0	45.9	77.7	119.2	164.1	168.1	283.3	39.0	-38.6
79+00	21.4	7.3	35.6	0.0	0.0	63.9	46.2	128.4	0.0	0.0	128.4	54.3	8.2
80+00	8.7	13.3	32.4	0.0	0.0	55.7	38.3	126.1	0.0	0.0	126.1	47.4	9.1
81+00	14.1	6.3	36.4	0.0	0.0	42.3	36.4	127.4	0.0	0.0	127.4	35.9	-0.5
82+00	10.6	20.5	32.9	0.0	0.0	45.8	49.7	128.3	0.0	0.0	128.3	38.9	-10.8
83+00	14.6	9.5	29.5	0.0	0.0	46.7	55.5	115.6	0.0	0.0	115.6	39.7	-15.8
84+00	17.6	1.7	9.3	0.0	0.0	59.6	20.8	71.9	0.0	0.0	71.9	50.7	29.9
TOTALS						5151.9	2207.7	4558.6	747.1	759.0	5305.7	4379.1	2171.4

EARTHWORK NOTES:
ASSUME 4 INCH DEPTH OF TOPSOIL PLACEMENT.
ASSUME 12 INCH DEPTH OF TOPSOIL EXCAVATION
ASSUME 15% SHRINKAGE OF EARTH EXCAVATION TO BE REUSED IN EMBANKMENT.

EARTH EXCAVATION - STAGE III

STATION	EARTH EXCAVATION (SF)	EMBANK. (SF)	TOPSOIL EX. (SF)	BLANK UNTIL UNDERCUT (SF)	SOIL REPORT PGES (SF)	EARTH EXCAVATION (CY)	EMBANK. (CY)	TOPSOIL EXCAVATION (CY)	UNDERCUT (CY)	PGES (CY)	REM. & DISP. OF UNSUIT. (CY)	EARTH EXC. TO BE USED IN EMBANK. (CY)	BALANCE WASTE (+) SHORTAGE (-)
174th St.	26.9	65.5	41.9	0.0	0.0	29.9	72.7	46.6	0.0	0.0	46.6	25.4	-47.3
LOCKWOOD AVENUE													
31+00	28.9	25.9	12.6	0.0	0.0								
32+00	34.8	10.4	21.4	0.0	0.0	147.5	84.1	78.8	0.0	0.0	78.8	125.4	41.3
33+00	23.6	7.4	20.7	0.0	0.0	108.2	33.0	77.9	0.0	0.0	77.9	91.9	58.9
34+00	27.1	12.5	24.0	0.0	0.0	93.9	36.9	82.8	0.0	0.0	82.8	79.8	42.9
35+00	56.7	0.5	19.1	0.0	0.0	155.2	24.2	79.9	0.0	0.0	79.9	131.9	107.7
36+00	32.9	1.2	20.3	0.0	0.0	166.0	3.3	72.9	0.0	0.0	72.9	141.1	137.8
37+00	29.8	9.9	17.8	0.0	0.0	116.2	20.7	70.5	0.0	0.0	70.5	98.7	78.0
37+84	98.8	0.0	0.0	0.0	0.0	200.0	15.5	27.7	0.0	0.0	27.7	170.0	154.5
38+00	42.8	13.9	19.7	0.0	0.0	42.0	4.1	5.8	0.0	0.0	5.8	35.7	31.5
39+00	27.5	14.1	14.0	0.0	0.0	130.2	51.9	62.3	0.0	0.0	62.3	110.6	58.8
40+00	33.8	2.1	16.2	0.0	0.0	113.5	30.0	55.9	0.0	0.0	55.9	96.5	66.5
41+00	36.5	5.4	27.1	0.0	0.0	130.2	13.9	80.2	0.0	0.0	80.2	110.6	96.7
42+00	35.0	0.8	17.2	0.0	0.0	132.3	11.5	82.1	0.0	0.0	82.1	112.5	101.0
43+00	26.8	23.2	17.5	7.7	7.7	114.5	44.5	64.3	14.2	14.2	78.6	97.3	52.8
44+00	23.5	18.9	28.2	7.7	7.7	93.1	78.0	84.6	28.5	28.5	113.1	79.1	1.2
45+00	15.8	10.9	27.6	7.7	7.7	72.7	55.0	103.2	28.5	28.5	131.7	61.8	6.8
46+00	13.1	10.9	26.6	0.0	0.0	53.5	40.3	100.3	14.2	14.2	114.5	45.5	5.2
47+00	22.3	1.1	19.9	0.0	0.0	65.6	22.2	86.2	0.0	0.0	86.2	55.8	33.5
48+00	16.0	14.2	19.7	0.0	0.0	71.0	28.3	73.3	0.0	0.0	73.3	60.4	32.1
49+00	23.4	6.8	13.9	0.0	0.0	73.0	38.8	62.3	0.0	0.0	62.3	62.0	23.2
49+59	72.7	0.0	0.0	0.0	0.0	105.0	7.4	15.2	0.0	0.0	15.2	89.2	81.8
50+00	23.6	10.6	19.6	0.0	0.0	73.1	8.1	14.9	0.0	0.0	14.9	62.1	54.1
51+00	30.2	12.5	18.3	0.0	0.0	99.6	42.8	70.3	0.0	0.0	70.3	84.7	41.9
52+00	25.2	1.2	21.6	0.0	0.0	102.6	25.3	73.8	0.0	0.0	73.8	87.2	61.9
53+00	24.3	8.0	24.3	0.0	0.0	91.7	16.9	84.8	0.0	0.0	84.8	77.9	61.0
54+00	29.8	5.2	19.5	0.0	0.0	100.3	24.3	81.1	0.0	0.0	81.1	85.3	61.0
54+73	94.5	0.0	0.0	0.0	0.0	168.0	7.0	26.4	0.0	0.0	26.4	142.8	135.8
55+00	37.6	2.6	13.0	0.0	0.0	66.0	1.3	6.5	0.0	0.0	6.5	56.1	54.8
56+00	29.8	10.2	20.1	0.0	0.0	124.7	23.7	61.2	0.0	0.0	61.2	106.0	82.3
57+00	25.4	16.0	22.5	0.0	0.0	102.2	48.6	79.0	0.0	0.0	79.0	86.9	38.3
58+00	29.9	12.0	22.4	0.0	0.0	102.4	51.9	83.2	0.0	0.0	83.2	87.0	35.2
59+00	16.2	13.6	23.3	0.0	0.0	85.4	47.4	84.7	0.0	0.0	84.7	72.6	25.1
60+00	15.4	23.1	25.1	0.0	0.0	58.4	68.0	89.6	0.0	0.0	89.6	49.7	-18.3
61+00	24.9	16.1	24.4	0.0	0.0	74.6	72.5	91.5	0.0	0.0	91.5	63.4	-9.1
61+46	97.5	0.0	0.0	0.0	0.0	104.2	13.7	20.8	0.0	0.0	20.8	88.6	74.9
62+00	16.1	21.1	25.2	0.0	0.0	113.6	21.1	25.2	0.0	0.0	25.2	96.5	75.5
63+00	18.0	15.5	23.0	0.0	0.0	63.2	67.7	89.3	0.0	0.0	89.3	53.7	-14.0
64+00	14.5	18.6	24.1	0.0	0.0	60.3	63.2	87.2	0.0	0.0	87.2	51.2	-12.0
64+75	87.3	0.0	0.0	0.0	0.0	141.4	25.9	33.5	0.0	0.0	33.5	120.2	94.3
65+00	27.5	18.2	23.4	0.0	0.0	53.2	8.4	10.8	0.0	0.0	10.8	45.2	36.7
66+00	32.4	6.0	25.0	0.0	0.0	111.0	44.8	89.6	0.0	0.0	89.6	94.4	49.5
67+00	32.9	9.3	29.4	0.0	0.0	120.9	28.3	100.7	0.0	0.0	100.7	102.8	74.5
68+00	27.1	9.2	29.1	0.0	0.0	111.1	34.3	108.3	0.0	0.0	108.3	94.4	60.1
69+00	23.4	17.4	25.1	0.0	0.0	93.5	49.3	100.4	0.0	0.0	100.4	79.5	30.2
70+00	22.0	17.2	24.1	0.0	0.0	84.0	64.1	91.2	0.0	0.0	91.2	71.4	7.4
71+00	33.1	8.7	22.6	0.0	0.0	101.9	48.1	86.6	0.0	0.0	86.6	86.6	38.5
71+35	118.3	0.0	0.0	0.0	0.0	98.1	5.7	14.7	0.0	0.0	14.7	83.4	77.7
72+00	23.3	15.7	24.8	0.0	0.0	170.6	18.9	29.8	0.0	0.0	29.8	145.0	126.1
73+00	20.8	19.7	26.4	0.0	0.0	81.8	63.5	94.7	0.0	0.0	94.7	69.6	4.1
74+00	22.4	19.5	26.7	0.0	0.0	80.0	72.5	98.3	0.0	0.0	98.3	68.0	-4.5
75+00	28.0	13.0	20.3	0.0	0.0	93.3	60.1	87.0	0.0	0.0	87.0	79.3	19.2
76+00	19.2	25.6	31.8	91.1	91.1	87.4	71.5	96.4	168.7	168.7	265.1	74.3	2.8
77+00	31.1	23.1	22.6	94.1	94.1	93.2	90.3	100.7	343.0	343.0	443.7	79.2	-11.1
78+00	39.7	11.5	18.6	0.0	0.0	131.2	64.2	76.2	174.3	174.3	250.5	111.5	47.4
79+00	53.9	2.1	15.4	0.0	0.0	173.4	25.2	62.9	0.0	0.0	62.9	147.4	122.1
80+00	35.0	11.7	15.6	0.0	0.0	164.7	25.5	57.4	0.0	0.0	57.4	140.0	114.4
81+00	49.7	6.3	15.6	0.0	0.0	156.8	33.3	57.7	0.0	0.0	57.7	133.3	100.0
82+00	49.8	8.5	16.7	0.0	0.0	184.1	27.3	59.8	0.0	0.0	59.8	156.5	129.2
83+00	35.7	13.0	16.6	0.0	0.0	158.4	39.7	61.7	0.0	0.0	61.7	134.6	94.9
84+00	15.8	4.5	16.4	0.0	0.0	95.4	32.4	61.1	0.0	0.0	61.1	81.1	48.7
STAGE 1 REM*						360.0							
TOTALS						6749.2	2255.3	4062.0	771.5	771.5	4833.5	4785.3	3175.6

*STAGE 1 REMOVAL TO INCLUDE THE REMOVAL OF TEMPORARY BITUMINOUS WIDENING AND AGGREGATE. SEE TEMPORARY BITUMINOUS WIDENING SCHEDULE FOR MORE DETAIL.
EARTHWORK NOTES:
ASSUME 4 INCH DEPTH OF TOPSOIL PLACEMENT.
ASSUME 12 INCH DEPTH OF TOPSOIL EXCAVATION
ASSUME 15% SHRINKAGE OF EARTH EXCAVATION TO BE REUSED IN EMBANKMENT.

TREE REMOVAL

STATION UNITS	OFFSET	6 TO 15 UNITS	OVER 15
PHASE II			
43+81 LT	29		30
43+83 LT	29	6	
43+87 LT	29	15	
66+47 LT	30		20
73+51 LT	28	12	
83+26 LT	30	4-10	
PHASE III			
35+81 RT	34	10	
35+93 RT	32	8	
39+69 RT	32	8	
40+24 RT	26		30
60+00 RT	23	10	
69+53 RT	31		20
76+85 RT	32		36
78+76 RT	27	2-12	
84+09 RT	32	10	
TOTAL, STAGE II:		73	50
TOTAL, STAGE III:		70	86
PROJECT TOTAL:		143	136

COMBINATION CONCRETE CURB AND GUTTER, B-6.12

STATION BEGIN	STATION END	LENGTH (FT)
STAGE II		
30+76	35+59 L	536
35+92	50+40 L	1510
50+68	54+57 L	441
54+90	57+70 L	322
58+02	62+96 L	531
63+29	84+30 L	2141
STAGE III		
SOUTH CURB - 174th ST.		119
30+77	37+68 R	749
37+91	49+44 R	1213
49+76	54+60 R	544
54+90	61+31 R	692
61+62	64+59 R	354
64+91	71+18 R	690
71+51	84+30 R	1327
TOTAL, STAGE II:		5481 FT
TOTAL, STAGE III:		5687 FT
PROJECT TOTAL:		11168 FT

COMBINATION CONCRETE CURB AND GUTTER REMOVAL

STATION BEGIN	STATION END	LENGTH (FT)
STAGE II		
34+51	35+60 L	135
35+90	41+24 L	552
41+96	44+44 L	181
48+72	50+38 L	202
50+68	54+57 L	441
54+88	57+72 L	323
58+02	59+35 L	149
STAGE III		
34+53	37+61 R	341
37+89	41+16 R	359
42+46	43+45 R	99
46+46	49+45 R	322
49+76	51+34 R	194
53+22	54+60 R	161
54+89	56+51 R	183
TOTAL, STAGE II:		1983 FT
TOTAL, STAGE III:		1649 FT
PROJECT TOTAL:		3632 FT

SIDEWALK REMOVAL

STATION BEGIN	STATION END	LENGTH (FT)	WIDTH (FT)	AREA (SF)
STAGE II				
35+94	37+88 L	194.0	5.0	998.0
48+28	50+47 L	219.0	5.0	1112.0
50+85	54+55 L	370.0	5.0	1961.0
54+95	57+68 L	273.0	5.0	1565.0
58+07	59+41 L	134.0	5.0	773.0
61+45	62+96 L	151.0	5.0	807.0
63+29	64+68 L	139.0	5.0	681.0
STAGE III				
48+49	49+43 R	94.0	5.0	495.0
53+25	54+54 R	129.0	5.0	741.0
59+81	61+23 R	142.0	5.0	759.0
61+70	64+52 R	282.0	5.0	1513.0
65+00	66+28 R	128.0	5.0	665.0
69+70	71+11 R	141.0	5.0	769.0
71+59	73+00 R	141.0	5.0	757.0
TOTAL, STAGE II:				7897 SF
TOTAL, STAGE III:				5699 SF
PROJECT TOTAL:				13596 SF

CONSULTANTS	REV. NO.	DATE	DESCRIPTION
	1	8-17-04	PER I.D.O.T. AND CITY REVIEW

* REFER TO EQUIPMENT MANUFACTURER'S SHOP DRAWINGS

30036-SCHDQ.DWG UKB 25/AUG/04 11:05

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CITY OF OAK FOREST, ILLINOIS
LOCKWOOD AVENUE IMPROVEMENTS

SCHEDULE OF QUANTITIES

DESIGNED BY	SCALE
NJP/MCU	NONE
DRAWN BY	PROJECT NO.
UKB	030036
CHECKED BY	SHEET NO.
LDH	
DATE 8-08-04	7 OF 66

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