

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
02-00001-05-BT	DUPAGE	ILLINOIS	113	7
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
*SOUTHERN DUPAGE REGIONAL TRAIL GREENE VALLEY SPUR				
CONTRACT NO. 83775				

TREE REMOVAL		
STATION	OFFSET	6 TO 15 UNITS DIAMETER
75TH STREET (CH 33)		
562+48.28	0.6' RT.	10.0
562+77.04	7.63' LT.	12.0
TOTAL		22.0
USE		22

TREE TRUNK PROTECTION		
STATION	OFFSET	EACH
75TH STREET (CH 33)		
508+41.3	9.5' RT.	1
509+07.3	9.3' LT.	1
TOTAL		2
USE		2

BITUMINOUS SHOULDER REMOVAL			
STATION TO	STATION	SIDE	AREA SQ YD
75TH STREET (CH 33)			
438+30	TO 440+30	LT.	148.5
TOTAL			148.5
USE			149

CLASS D PATCHES, TYPE II, 8"				
STATION TO	STATION	LENGTH FOOT	WIDTH FOOT	AREA SQ YD
75TH STREET (CH 33)				
429+52.0, LT.	TO 429+73.5, LT.	20.5	5.0	11.4
579+54.0, LT.	TO 579+71.4, LT.	17.4	4.0	7.7
TOTAL				19.1
USE				20

EARTHWORK					
1		2	3	4	5
LOCATION		EARTH EXCAVATION	EARTH EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE(+) OR SHORTAGE(-)
STATION TO	STATION	CU YD			
PLAINFIELD ROAD (CH 31)					
100+00	(LAKESIDE DRIVE) TO 111+94 (FAIRMOUNT AVENUE)	353.7	265.0	7.8	257.2
112+59	(FAIRMOUNT AVENUE) TO 120+93.5 (WOOD CREEK PLACE)	273.9	205.0	0.0	205.0
121+48.7	(WOOD CREEK PLACE) TO 129+25 (GRACELAND ROAD)	509.2	382.0	0.0	382.0
129+72	9 (GRACELAND ROAD) TO 134+00 (KEARNEY ROAD)	134.7	101.0	0.0	101.0
134+71.6	(KEARNEY ROAD) TO 141+66.3 (FLORENCE AVENUE)	254.8	191.0	0.0	191.0
142+14	(FLORENCE AVENUE) TO 145+02 (CUMNOR ROAD)	61.0	46.0	0.0	46.0
145+57.5	(CUMNOR ROAD) TO 149+51 (SAWMILL DRIVE)	89.3	67.0	11.1	55.9
	SUBTOTAL	1676.5	1257.0	18.9	1238.1
75TH STREET (CH 33) - WEST					
400+63.4	(FAIRVIEW DRIVE) TO 412+39 (GIGI LANE)	202.5	152.0	193.0	-41.0
412+79	(GIGI LANE) TO 426+12.2 (EXNER ROAD)	440.1	330.0	81.1	248.9
426+48.6	(EXNER ROAD) TO 432+91.5 (PARK AVENUE)	233.1	175.0	0.0	175.0
433+19.2	(PARK AVENUE) TO 441+18 (ADAMS STREET)	259.3	194.0	29.6	164.4
441+64	(ADAMS STREET) TO 452+69 (CASS AVENUE)	266.4	200.0	38.1	161.9
	SUBTOTAL	1401.4	1051.0	341.9	709.1
75TH STREET (CH 33) - EAST					
501+00	(75TH STREET) TO 517+00 (PLAINFIELD ROAD)	439.8	330.0	73.8	256.2
519+22	(COUNTRY LANE) TO 526+09 (NANTUCKET DRIVE)	154.8	116.0	73.3	42.7
526+45	(NANTUCKET DRIVE) TO 533+10 (FARMINGDALE DRIVE)	254.2	191.0	1.7	189.3
533+60	(FARMINGDALE DRIVE) TO 541+63 (SHERIDAN DRIVE)	305.4	229.0	31.1	197.9
541+98	(SHERIDAN DRIVE) TO 553+30 (CLARENDON HILLS ROAD)	194.1	146.0	101.8	44.2
553+77	(CLARENDON HILLS ROAD) TO 557+85 (BROOKBANK ROAD)	111.7	84.0	0.0	84.0
558+12	(BROOKBANK ROAD) TO 570+45 (ELEANOR ROAD)	520.6	390.0	38.0	352.0
570+85	(ELEANOR ROAD) TO 577+21 (ARLENE AVENUE)	201.0	151.0	0.0	151.0
577+52.7	(ARLENE AVENUE) TO 579+59 (ILLINOIS ROUTE 83)	64.4	48.0	0.0	48.0
581+41.8	(ILLINOIS ROUTE 83) TO 587+38.5 (QUINCY STREET)	123.1	92.0	0.0	92.0
	SUBTOTAL	2369.1	1777.0	319.6	1457.4
TOTAL		5447.0	4085.0	680.3	3404.7
USE		5447			

SHRINKAGE FACTORS: 25%
 EARTH EXCAVATION:
 COLUMN 1, 2 & 4 - LOCATION AND QUANTITIES FROM CROSS SECTIONS.
 CUT = EARTH EXCAVATION FILL = EMBANKMENT
 COLUMN 3 = (COLUMN 2) x (1 - EARTH EXCAVATION SHRINKAGE FACTOR)
 COLUMN 5 = COLUMN 4 - COLUMN 3

TOPSOIL, SEEDING, NUTRIENTS								
LOCATION		TOPSOIL FURNISH AND PLACE, 6"	EROSION CONTROL BLANKET	SEEDING, CLASS 1A	NITROGEN FERTILIZER NUTRIENT	PHOSPHOROUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SUPPLEMENTAL WATERING
STATION TO	STATION	SQ YD	SQ YD	ACRE	POUND	POUND	POUND	UNIT
75TH STREET (CH 33) - WEST								
400+63.4	(FAIRVIEW DRIVE) TO 412+39 (GIGI LANE)	1552.7	1552.7	0.32	28.9	28.9	28.9	18.6
412+79	(GIGI LANE) TO 426+12.2 (EXNER ROAD)	2160.0	2160.0	0.45	40.2	40.2	40.2	25.9
426+48.6	(EXNER ROAD) TO 432+91.5 (PARK AVENUE)	561.1	561.1	0.12	10.4	10.4	10.4	6.7
433+19.2	(PARK AVENUE) TO 441+18 (ADAMS STREET)	886.1	886.1	0.18	16.5	16.5	16.5	10.6
441+64	(ADAMS STREET) TO 452+69 (CASS AVENUE)	830.6	830.6	0.17	15.4	15.4	15.4	10.0
75TH STREET (CH 33) - EAST								
501+00	(75TH STREET) TO 517+00 (PLAINFIELD ROAD)	888.8	888.8	0.18	16.5	16.5	16.5	10.7
519+22	(COUNTRY LANE) TO 526+09 (NANTUCKET DRIVE)	893.0	893.0	0.18	16.6	16.6	16.6	10.7
526+45	(NANTUCKET DRIVE) TO 533+10 (FARMINGDALE DRIVE)	525.2	525.2	0.11	9.8	9.8	9.8	6.3
533+60	(FARMINGDALE DRIVE) TO 541+63 (SHERIDAN DRIVE)	738.8	738.8	0.15	13.7	13.7	13.7	8.9
541+98	(SHERIDAN DRIVE) TO 553+30 (CLARENDON HILLS ROAD)	1012.5	1012.5	0.21	18.8	18.8	18.8	12.2
553+77	(CLARENDON HILLS ROAD) TO 557+85 (BROOKBANK ROAD)	398.6	398.6	0.08	7.4	7.4	7.4	4.8
558+12	(BROOKBANK ROAD) TO 570+45 (ELEANOR ROAD)	815.2	815.2	0.17	15.2	15.2	15.2	9.8
570+85	(ELEANOR ROAD) TO 577+21 (ARLENE AVENUE)	251.3	251.3	0.05	4.7	4.7	4.7	3.0
577+52.7	(ARLENE AVENUE) TO 579+59 (ILLINOIS ROUTE 83)	150.0	150.0	0.03	2.8	2.8	2.8	1.8
581+41.8	(ILLINOIS ROUTE 83) TO 587+38.5 (QUINCY STREET)	150.0	150.0	0.03	2.8	2.8	2.8	1.8
TOTAL		11813.85	11813.85	2.44	219.68	219.68	219.68	141.77
USE		11814	11814	2.5	220	220	220	141.8

TOPSOIL, SODDING, NUTRIENTS							
LOCATION		TOPSOIL FURNISH AND PLACE, 6"	SODDING, SALT TOLERANT	NITROGEN FERTILIZER NUTRIENT	PHOSPHOROUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SUPPLEMENTAL WATERING
STATION TO	STATION	SQ YD	SQ YD	POUND	POUND	POUND	UNIT
PLAINFIELD ROAD (CH 31)							
100+00	(LAKESIDE DRIVE) TO 111+94 (FAIRMOUNT AVENUE)	752.7	752.7	9.3	9.3	9.3	9.0
112+59	(FAIRMOUNT AVENUE) TO 120+93.5 (WOOD CREEK PLACE)	488.8	488.8	6.1	6.1	6.1	5.9
121+48.7	(WOOD CREEK PLACE) TO 129+25 (GRACELAND ROAD)	630.5	630.5	7.8	7.8	7.8	7.6
129+72	9 (GRACELAND ROAD) TO 134+00 (KEARNEY ROAD)	290.2	290.2	3.6	3.6	3.6	3.5
134+71.6	(KEARNEY ROAD) TO 141+66.3 (FLORENCE AVENUE)	329.1	329.1	4.1	4.1	4.1	3.9
142+14	(FLORENCE AVENUE) TO 145+02 (CUMNOR ROAD)	137.5	137.5	1.7	1.7	1.7	1.7
145+57.5	(CUMNOR ROAD) TO 149+51 (SAWMILL DRIVE)	290.3	290.3	3.6	3.6	3.6	3.5
TOTAL		2919.10	2919.10	36.19	36.19	36.19	35.03
USE		2919	2919	36	36	36	35

PIPE CULVERTS					
STATION	OFFSET	CORRUGATED STEEL OR ALUMINUM, TYPE 1		STEEL END SECTIONS, 15"	TRENCH BACKFILL
		12"	15"		
		FOOT	EACH	CU YD	
75TH STREET (CH 33)					
448+64	3.0', RT.	7			0.87
502+37	9.7', LT.	5			0.77
532+83	8.8', LT.		10		0.00
533+94	9.5', LT.		15		0.00
552+99	11.5', LT.	20			0.00
560+64	26.5', LT.		5		0.52
569+96	12.7', LT.		30	1	3.20
574+84	8.4', LT.	5			0.53
575+35	8.9', LT.	5			0.39
575+82	8.5', LT.	5			0.46
TOTAL		47	60	1	6.7
USE		47	60	1	7

ENTRANCES					
STATION	TYPE	SAW CUTS	PAVEMENT REMOVAL	AGGREGATE BASE COURSE, TYPE B, 8"	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIXTURE C, N50
PLAINFIELD ROAD (CH 31)					
103+09.2	PE	12.0	32.0	45.9	6.8
103+64.2	PE	11.0	29.5	43.8	6.5
119+36.0	PE	13.0	46.9	104.0	9.4
136+56.9	PE	19.0	61.2	84.5	13.0
137+24.4	PE	15.0	54.0	85.5	11.6
138+82.6	PE	25.2	13.6		
75TH STREET (CH 33)					
554+25.8	PE	12.0	52.7	69.7	10.4
555+11.7	PE		53.2	74.2	10.9
557+12.0	PE		51.9	72.8	10.6
560+50.0	PE	16.0	75.0	109.8	16.6
562+62.5	CE		55.5	76.3	11.0
564+46.5	PE	13.0	60.7	87.3	13.0
565+27.5	PE	13.0	61.8	88.1	13.1
566+00.0	PE	11.5	77.1	110.7	16.7
571+36.0	PE	11.0	30.0	53.8	8.0
571+95.9	PE	12.0	48.9	76.1	11.3
572+55.5	PE	11.0	59.8	83.8	12.2
573+34.1	PE	13.0	79.7	107.9	16.0
574+66.7	PE	16.0	100.2	134.5	20.4
575+02.9	PE	17.0	101.2	135.5	20.5
575+63.3	PE	14.0	98.3	118.7	17.8
583+32.0	CE	32.5	35.8	55.2	9.2
585+03.5	CE	25.5	32.2	45.5	7.6
TOTAL		312.7	1311.1	1863.6	272.6
USE		313	1312	1864	273

FENCE (EROSION CONTROL)			
STATION TO	STATION	SIDE	LENGTH FOOT
PLAINFIELD ROAD (CH 31)			
124+28	TO 129+25	RT.	497.0
75TH STREET (CH 33)			
402+00	TO 406+00	LT.	401.6
527+00	TO 529+00	RT.	200
567+75	TO 567+33	RT.	60.6
567+60	TO 569+30	RT.	172.2
TOTAL			1331.4
USE			1332

PROTECTIVE COAT	
SURFACE	AREA SQ YD
COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.06	0.7
COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12	123.8
COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.18	11.7
COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24	4.3
PORTLAND CEMENT CONCRETE SIDEWALK, 5"	1733.0
TOTAL	1873.5
USE	1874