

TREE REMOVALS

STATION	OFFSET	NORTHING	EASTING	* < 6 I.D.	PAY ITEM 20100110 6-15 I.D.	PAY ITEM 20100210 > 15 I.D.	NOTE
384+78	32' LT	1,831,788	1,035,444	-	8	-	
384+98	30' LT	1,831,767	1,035,443	3	-	-	
384+98	25' RT	1,831,765	1,035,388	-	7	-	
385+17	29' LT	1,831,747	1,035,442	-	7	-	
385+36	28' LT	1,831,727	1,035,441	3	-	-	
385+55	29' LT	1,831,708	1,035,441	-	6	-	
385+74	28' LT	1,831,689	1,035,439	3	-	-	
56+67	1' LT	1,831,890	1,034,990	3	-	-	
57+03	0' LT	1,831,905	1,035,023	3	-	-	
57+35	1' LT	1,831,920	1,035,051	3	-	-	
57+63	2' LT	1,831,934	1,035,076	3	-	-	
57+94	3' LT	1,831,949	1,035,103	3	-	-	
62+98	46' LT	1,832,213	1,035,535	-	9	-	
63+10	5' RT	1,832,173	1,035,568	3	-	-	
63+20	45' LT	1,832,222	1,035,555	-	9	-	
63+43	3' RT	1,832,189	1,035,597	3	-	-	
63+47	44' LT	1,832,233	1,035,579	-	10	-	
63+72	42' LT	1,832,242	1,035,603	-	10	-	
63+75	2' RT	1,832,205	1,035,625	2	-	-	
63+98	41' LT	1,832,253	1,035,626	-	12	-	
64+02	2' RT	1,832,217	1,035,649	4	-	-	
64+24	40' LT	1,832,264	1,035,650	-	9	-	
64+26	2' RT	1,832,227	1,035,670	4	-	-	
64+48	39' LT	1,832,274	1,035,671	-	8	-	
64+72	40' LT	1,832,285	1,035,693	-	7	-	
65+01	38' LT	1,832,296	1,035,719	-	10	-	
65+27	38' LT	1,832,308	1,035,743	-	8	-	
65+53	38' LT	1,832,320	1,035,766	-	9	-	
65+79	39' LT	1,832,332	1,035,789	-	10	-	
66+01	39' LT	1,832,343	1,035,808	-	9	-	
66+28	39' LT	1,832,355	1,035,832	-	9	-	
66+52	39' LT	1,832,365	1,035,854	-	9	-	
66+80	39' LT	1,832,378	1,035,879	-	9	-	
67+09	39' LT	1,832,390	1,035,905	-	10	-	
TOTALS				99	2,100	453	

NOTES: * TREE REMOVAL LESS THAN 6 I.D., NOT A PAY ITEM

TREE PROTECTION

STATION	LOCATION	TEMPORARY FENCE [20101000] (FEET)	TREE ROOT PRUNING [20101200] (EACH)
95TH STREET			
306+64	0.03' RT	19	1
307+07	0.19' RT	19	1
307+48	0.55' LT	19	1
307+89	0.13' LT	19	1
308+30	0.3' RT	19	1
308+74	0.07' LT	19	1
309+16	0.12' RT	19	1
309+54	0.96' LT	19	1
310+00	0.01' LT	19	1
310+42	0.14' LT	19	1
310+89	0.73' LT	19	1
315+45	0.17' RT	19	1
315+63	39.12' LT	13	1
315+85	0.05' RT	19	1
316+21	38.88' LT	13	1
316+32	1.53' LT	19	1
316+70	39.25' LT	13	1
317+20	38.94' LT	13	1
317+69	38.95' LT	13	1
318+14	38.91' LT	13	1
318+59	38.47' LT	13	1
319+08	38.61' LT	13	1
372+24	73.1' LT	50	1
372+61	66.13' LT	50	1
372+62	66.75' RT	50	1
385+22	27.76' RT	38	1
385+45	27.8' RT	38	1
385+70	25.05' RT	38	1
385+93	28.77' LT	38	1
385+93	26.51' RT	38	1
386+12	28.09' LT	38	1
386+16	27.77' RT	38	1
386+34	27.81' LT	38	1
BOUGHTON ROAD			
56+05	0.02' LT	19	1
56+37	0.38' LT	19	1
62+50	50.14' LT	69	1
64+52	2.29' RT	25	1
64+79	1.96' RT	25	1
TOTAL		981	38

BUTT JOINT

LOCATION	STATION	OFFSET	AREA (SQ)
WEST PROJECT LIMITS	307+20.0	RT.	12
WEST PROJECT LIMITS	308+15.0	LT.	12
CHEYENNE DRIVE	314+71.5	LT.	17
KNOCH KNOLLS ROAD	320+02.0	LT.	17
KNOCH KNOLLS ROAD	319+91.5	RT.	18
EAGLE BROOK LANE	333+37.6	LT.	12
EAGLE BROOK LANE	333+37.9	RT.	11
KINGS ROAD (SOUTH LIMIT)	386+41.1	0.0'	18
EB BOUGHTON RD. (WEST LIMIT)	55+83.7	RT.	12
WB BOUGHTON RD. (WEST LIMIT)	59+38.0	LT.	12
EB BOUGHTON RD. (EAST LIMIT)	61+45.9	RT.	14
WB BOUGHTON RD. (EAST LIMIT)	65+13.8	LT.	12
TOTAL:			167

AGGREGATE FOR TEMPORARY ACCESS

LOCATION	QUANTITY (TON)	REMARK
372+43 LT	50	ALAN DEATHERAGE DR
372+43 RT	50	ALAN DEATHERAGE DR
384+22 LT	30	DRIVEWAY
TOTAL		130

EARTHWORK SUMMARY

	UNIT	IN-SITU QUANTITY	SHRINK FACTOR	TOTAL
(CUT = SUITABLE) *	CU YD	38430	15%	32670 (a)
(UNSUITABLE + TOPSOIL) *	CU YD	61210	-	61210 (b)
(FILL) *	CU YD	51270	-	51270 (c)
AGGREGATE SUBGRADE IMPROVEMENT *	CU YD	22220	-	22220 (d)
TOPSOIL EXCAVATION (SURPLUS IS UNSUITABLE MATERIAL)	CU YD	37260	-	37260 (e)
TOPSOIL PLACEMENT	CU YD	14290	-	14290 (f)

* VOLUMES AS MEASURED FROM END AREAS ON CROSS SECTIONS

20200100	EARTH EXCAVATION	38430	CU YD	(a)
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	46920	CU YD	(b-f)
20400800	FURNISHED EXCAVATION	18600	CU YD	(c-a)
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	14,240	SQ YD	
21101505	TOPSOIL EXCAVATION AND PLACEMENT	14290	CU YD	(f)
20042002	POROUS GRANULAR EMBANKMENT, SUBGRADE	22220	CU YD	(d)

GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

LOCATION	QUANTITY
345+50 to 360+60	14,240 SQ YD
TOTAL	14,240 SQ YD

EROSION CONTROL

STATION	STATION	28000400 PERIMETER EROS BAR	28000500 INLET AND PIPE PROTECTION	28000510 INLET FILTERS	28100105 STONE RIPRAP, CLASS A3	28100107 STONE RIPRAP, CLASS A4	28200200 FILTER FABRIC	X0326243 SED CONT SILT CURTAIN
		FOOT	EACH	EACH	SQ YD	SQ YD	SQ YD	FOOT *
304+60.00	- 310+20.00	290		3				
310+20.00	- 315+80.00	541		9				
315+80.00	- 321+40.00	569		9				
321+40.00	- 327+00.00	245		6				
327+00.00	- 332+60.00	75		15				
332+60.00	- 338+20.00	1018		6				
338+20.00	- 343+80.00	1040		4				
343+80.00	- 349+40.00	1050		10				
349+40.00	- 355+00.00	1120	1	6	21		21	
355+00.00	- 360+60.00	1120	2	4	21		21	
360+60.00	- 366+20.00	430		2				
366+20.00	- 371+80.00	748		8	15		15	
371+80.00	- 377+40.00	476		16				
377+40.00	- 383+00.00	368		8				
383+00.00	- 386+34.48	622		3				
55+83.71	- 59+55.00	0		0				
61+15.00	- 67+63.87	560		2				
RETENTION POND (NW)		1595			79		79	
RIVER EXCAVATION (NW)		415						590
COMP POND (NE)		1350						
COMP POND (SW)		830			202		202	100
COMP POND (SE)		1580			332		332	130
TOTALS		16042	3	111	136	534	670	820

* NOTE: X0326243 SEDIMENT CONTROL, SILT CURTAIN LENGTH IN FEET SHOWN FOR INFORMATION ONLY. ITEM TO BE PAID PER LUM SUM

TREE SCHEDULE

ITEM	ABBREVIATED DESC.	DESCRIPTION	SHTS 1-5 OF 9					SHTS 6 OF 9					SHTS 7 OF 9					SHTS 8 OF 9					SHTS 9 OF 9					TOTAL		
			STA. 299+00 - STA. 355+00	STA. 355+00 - STA. 366+20	STA. 366+20 - STA. 377+40	STA. 377+40 - STA. 386+35	STA. 386+35 - STA. 55+83.71	STA. 55+83.71 - STA. 67+63	STA. 67+63 - STA. 355+00	STA. 355+00 - STA. 366+20	STA. 366+20 - STA. 377+40	STA. 377+40 - STA. 386+35	STA. 386+35 - STA. 55+83.71	STA. 55+83.71 - STA. 67+63	STA. 67+63 - STA. 355+00	STA. 355+00 - STA. 366+20	STA. 366+20 - STA. 377+40	STA. 377+40 - STA. 386+35	STA. 386+35 - STA. 55+83.71	STA. 55+83.71 - STA. 67+63										
A2002920	T-CELTIS OCCID 2-1/2	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED											4		7															15
A2004520	T-GINKGO BIL PS 2-1/2	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 2-1/2" CALIPER, BALLED AND BURLAPPED											1		4															8
A2004820	T-GLED TRI-SK 2-1/2	TREE, GLEDITSIA TRIACANTHOS INERMIS SKYLINE (SKYLINE THORNLESS HONEYLOCUST), 2-1/2" CALIPER, BALLED AND BURLAPPED													7															16
A2005516	T-QUERCUS BICOL 2	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED																												11
A2007620	T-TAXODIUM DIS 2-1/2	TREE, TAXODIUM DISTICHUM (COMMON BALD CYPRESS), 2-1/2" CALIPER, BALLED AND BURLAPPED																												12
A2008020	T-TILIA CORDATA 2-1/2	TREE, TILIA CORDATA (LITTLE LEAF LINDEN), 2-1/2" CALIPER, BALLED AND BURLAPPED																												10
A2008820	T-ULMUS CARP MS 2-1/2	TREE, ULMUS CARPINIFOLIA HOMESTEAD (HOMESTEAD ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED																												8
			TOTAL:					TOTAL:					TOTAL:					TOTAL:					TOTAL:					80		



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DESIGNED JRP
DRAWN MRF
CHECKED JRP
DATE 10/19/2012

REVISED
REVISED
REVISED
REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS

DRAWING NO. 2 OF 4

STA. TO STA.

F.A.L. R.T.E. 1644
SECTION 01-00161-00-FP
COUNTY WILL
TOTAL SHEETS 328
SHEET NO. 19
CONTRACT NO. 63647
ILLINOIS-FEB. AID PROJECT