

TREE REMOVAL

STATION	OFFSET	SIDE	TREE REMOVAL	
			6 TO 15 DIAMETER	OVER 15 DIAMETER
UNITS				
FAP 407 (IL 336)				
732+84	121'	LT		24
733+75	130'	LT		40
733+81	96'	LT		40
CH 14 (1350N)				
2014+36	37'	LT	8	
2014+57	32'	LT	12	
2014+71	34'	LT	8	
2017+46	38'	LT	8	
2017+46	38'	LT	8	
2017+59	36'	LT	12	
EMORY RD (950E)				
3013+02	24'	LT		24
3013+05	29'	LT		24
3013+08	25'	LT		24
3014+07	26'	LT	13	
3014+18	33'	LT	13	
CH 20 (1500N)				
5023+60	28'	RT	8	
5025+25	37'	RT	12	
5025+38	38'	RT	12	
5025+49	39'	RT	12	
5025+60	39'	RT	12	
5026+86	43'	RT	8	
5027+19	42'	RT	6	
5027+29	41'	RT	6	
TOTAL			158	176

TREE REMOVAL, ACRES

LOCATION	SIDE	AREA ACRES
FAP 407 (IL 336)		
STA 571+87 TO STA 584+25	LT/RT	11.97
STA 577+86 TO STA 581+72	LT	1.81
STA 583+03 TO STA 588+04	LT/RT	3.01
STA 589+27 TO STA 591+29	RT	0.08
STA 597+56 TO STA 599+12	LT/RT	0.39
STA 606+97 TO STA 609+21	LT	0.46
STA 610+54 TO STA 611+53	LT	0.14
STA 613+37 TO STA 614+07	LT	0.01
STA 617+55 TO STA 618+74	LT	0.10
STA 619+16 TO STA 620+52	LT/RT	0.45
STA 628+43 TO STA 637+04	LT/RT	4.25
STA 638+69 TO STA 638+83	RT	0.01
STA 647+39 TO STA 662+62	LT/RT	15.24
STA 655+55 TO STA 656+80	RT	0.09
STA 657+71 TO STA 658+51	RT	0.09
STA 661+27 TO STA 662+93	LT	0.16
STA 661+71 TO STA 667+67	LT/RT	1.43
STA 662+85 TO STA 663+71	RT	0.07
STA 664+39 TO STA 664+85	RT	0.03
STA 664+98 TO STA 667+50	LT/RT	0.65
STA 666+98 TO STA 667+50	LT	0.01
STA 667+69 TO STA 671+17	LT/RT	0.58
STA 670+21 TO STA 671+27	RT	0.05
STA 671+19 TO STA 671+91	LT	0.06
STA 671+65 TO STA 674+59	LT/RT	1.20
STA 671+72 TO STA 674+41	RT	0.12
STA 674+22 TO STA 675+73	LT	0.12
STA 674+48 TO STA 683+20	LT/RT	8.29
STA 674+72 TO STA 675+46	LT	0.09
STA 677+57 TO STA 678+01	LT	0.01
STA 678+00 TO STA 678+91	LT	0.03
STA 679+83 TO STA 681+29	LT	0.25
STA 680+94 TO STA 684+16	LT	0.55
STA 681+99 TO STA 682+17	RT	0.00
STA 683+01 TO STA 685+95	LT	0.72
STA 683+05 TO STA 683+83	LT/RT	0.01
STA 683+49 TO STA 692+79	LT/RT	5.25
STA 684+24 TO STA 684+43	RT	0.01
STA 684+49 TO STA 686+64	LT	0.26
STA 685+31 TO STA 686+25	LT	0.07
STA 688+27 TO STA 688+61	LT	0.01
STA 689+85 TO STA 690+38	LT	0.01
STA 691+70 TO STA 693+56	LT	0.05

TREE REMOVAL, ACRES

LOCATION	SIDE	AREA ACRES
FAP 407 (IL 336)		
STA 693+60 TO STA 694+57	RT	0.09
STA 699+61 TO STA 703+68	LT/RT	2.87
STA 703+35 TO STA 703+84	LT	0.05
STA 703+63 TO STA 706+84	LT/RT	0.39
STA 703+97 TO STA 705+98	LT/RT	0.58
STA 704+31 TO STA 704+70	LT	0.01
STA 704+70 TO STA 705+05	LT	0.01
STA 707+60 TO STA 711+94	LT	0.20
STA 711+52 TO STA 715+69	LT	0.22
STA 728+87 TO STA 729+71	LT	0.03
STA 740+16 TO STA 743+92	LT	0.52
STA 744+22 TO STA 747+11	LT	0.15
STA 747+70 TO STA 748+51	LT	0.05
STA 748+61 TO STA 749+07	LT	0.02
STA 749+04 TO STA 749+59	LT	0.03
STA 753+08 TO STA 753+54	RT	0.01
STA 763+80 TO STA 765+88	LT/RT	0.55
STA 766+88 TO STA 774+07	LT/RT	2.56
STA 776+06 TO STA 782+55	LT/RT	3.87
STA 868+83 TO STA 869+09	LT	0.12
CH 14 (1350N)		
STA 2005+92 TO STA 2009+15	LT	0.09
STA 2008+76 TO STA 2009+07	RT	0.01
STA 2009+44 TO STA 2010+85	RT	0.08
STA 2009+51 TO STA 2011+87	LT	0.20
STA 2011+58 TO STA 2012+35	RT	0.02
STA 2012+14 TO STA 2013+56	LT	0.04
STA 2012+48 TO STA 2013+15	RT	0.01
STA 2021+55 TO STA 2024+08	RT	0.41
EMORY RD (950E)		
STA 3010+11 TO STA 3012+48	LT	0.08
STA 3016+76 TO STA 3018+48	RT	0.02
STA 3018+38 TO STA 3020+10	LT	0.38
STA 3018+66 TO STA 3019+09	RT	0.03
STA 3019+31 TO STA 3019+50	RT	0.00
STA 3019+68 TO STA 3020+41	RT	0.01
STA 3020+60 TO STA 3021+94	RT	0.03
CH 20 (1500N)		
STA 5018+82 TO STA 5019+05	RT	0.01
STA 5018+88 TO STA 5019+36	RT	0.03
TOTAL		71.97
USE		72.00

EARTHWORK

LOCATION	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR SHRINKAGE *	EMBANKMENT	BALANCE WASTE (+) OR SHORTAGE (-)	TOPSOIL EXCAVATION AND PLACEMENT
IL 336						
BEGINNING OF PROJECT TO US 136						
STA 541+57.14 TO STA 569+17.2	550,628.6		440,502.9	2,816.5	437,686.4	0.0
US 136 TO LAMOINE RIVER						
STA 569+17.2 TO STA 586+28	132,781.9	38,190.6	106,225.5	415,529.9	-309,304.4	0.0
LANE CLOSURE EARTH BERM (2)	0.0		0.0	81.8	-81.8	0.0
LAMOINE RIVER TO ADAMS ST (TR 1250N)						
STA 583+28 TO STA 625+18.4	110,627.2	1,222.9	88,501.8	122,519.3	-34,017.5	2,795.4
LANE CLOSURE EARTH BERM (2)	0.0		0.0	81.8	-81.8	0.0
ADAMS ST (TR 1250N) TO WILDLIFE CROSSING #1						
STA 625+18.4 TO STA 634+11.7	64,780.0	1,178.6	51,824.0	5,197.6	46,626.4	0.0
LANE CLOSURE EARTH BERM (2)	0.0		0.0	81.8	-81.8	0.0
WILDLIFE CROSSING #1 TO LAKE FILL CULVERT						
STA 634+11.7 TO STA 641+00	13,946.3		11,157.0	20,344.8	-9,187.8	629.6
LANE CLOSURE EARTH BERM (2)	0.0		0.0	81.8	-81.8	0.0
LAKE FILL CULVERT TO CH 14 (TR 1350N)						
STA 641+00 TO STA 681+00.74	573,920.9		459,136.7	499,912.3	-40,775.6	13,311.1
LANE CLOSURE EARTH BERM (2)	0.0		0.0	81.8	-81.8	0.0
CH 14 (TR 1350N) TO WILDLIFE CROSSING #2						
STA 681+45.7 TO STA 702+70	319,795.4		255,836.3	56,375.8	199,460.5	7,264.9
LANE CLOSURE EARTH BERM (4)	0.0		0.0	163.6	-163.6	0.0
WILDLIFE CROSSING #2 TO TR 950E						
STA 702+70 TO STA 731+47.1	144,473.6		115,578.9	34,101.9	81,477.0	6,193.1
LANE CLOSURE EARTH BERM (4)	0.0		0.0	163.6	-163.6	0.0
TR 950E TO WILDLIFE CROSSING #3						
STA 733+27.7 TO STA 779+70	285,787.0	51,281.4	228,629.6	116,726.7	111,902.9	19,640.0
LANE CLOSURE EARTH BERM (4)	0.0		0.0	163.6	-163.6	0.0
EMERGENCY CROSSOVER	0.0		0.0	42.2	-42.2	0.0
WILDLIFE CROSSING #3 TO CH 20 (TR 1500N)						
STA 779+70 TO STA 802+41.5	34,788.7		27,831.0	50,706.6	-22,875.6	10,692.7
LANE CLOSURE EARTH BERM (4)	0.0		0.0	163.6	-163.6	0.0
CH 20 (TR 1500N) TO 1100E						
STA 803+32.8 TO STA 840+50	29,597.0		23,677.6	86,844.6	-63,167.0	18,707.7
LANE CLOSURE EARTH BERM (4)	0.0		0.0	163.6	-163.6	0.0
1100E TO END OF PROJECT						
STA 841+50 TO STA 895+00	87,001.3		69,601.0	252,042.6	-182,441.6	37,048.1
LANE CLOSURE EARTH BERM (4)	0.0		0.0	163.6	-163.6	0.0
RAMP L						
STA 56+58.52 TO STA 72+70.17	207,817.2		166,253.8	40,004.8	126,249.0	0.0
RAMP K						
STA 100+94 TO STA 120+38.18	409,360.5		327,488.4	32,141.9	295,346.5	0.0
COUNTY HIGHWAY 14 (1350N)						
STA 2005+52.27 TO STA 2009+15	1.4		1.1	746.5	-745.4	149.5
STA 2009+40 TO STA 2023+00	22,245.3		17,796.2	692.0	17,104.2	840.8
EMORY ROAD (950E)						
STA 3010+00 TO STA 3022+00	22,478.6		17,982.9	1,546.8	16,436.1	1,057.5
COUNTY HIGHWAY 20 (1500N)						
STA 5000+50 TO STA 5010+00	2,842.6		2,274.1	80.1	2,194.0	776.2
STA 5011+00 TO STA 5031+00	16,997.7		13,598.2	2,701.8	10,896.4	3,535.7
STA 5042+00 TO STA 5051+00	2,233.6		1,786.9	860.4	926.5	937.8
1100E						
STA 6005+00 TO STA 6018+00	9,436.5		7,549.2	406.9	7,142.3	1,784.8
STA 6020+00 TO STA 6032+00	1,733.1		1,386.5	312.5	1,074.0	834.0
SERVICE DRIVE						
STA 10837+85.26 TO STA 10871+00	5,385.0		4,308.0	2,344.5	1,963.5	6,690.8
RAMP D						
STA 207+17.26 TO STA 219+50	509.7		407.8	53,252.3	-52,844.5	5,989.6
RAMP A						
STA 322+00 TO STA 333+64.52	56,578.1		45,262.5	10,985.6	34,276.9	7,016.1
US 67						
STA 444+00 TO STA 467+00	15,538.6		12,430.9	18,030.9	-5,600.0	4,302.6
TOTAL	3,121,284.4	91,873.5	2,497,027.5	1,827,911.6	669,115.9	150,048.5
USE	3,121,285	91,874	2,497,028	1,827,912	669,116	150,049

\* SHRINKAGE FACTOR = 20%

NOTE: IN CUT SECTIONS, THE QUANTITY OF EARTH EXCAVATION IS CALCULATED TO THE FINISHED LINES OF THE DITCH. EXCAVATION FOR RIPRAP IN THESE AREAS IS INCLUDED IN THE COST OF THE RIPRAP. IN FILL AREAS WITH RIP RAP DITCHES, THE QUANTITY OF EMBANKMENT (FILL) IS CALCULATED TO THE BOTTOM OF THE RIP RAP DITCH LINING.

REVISOR SHEET 2-27-13

FILE NAME: \\transportation\2014\working_files\162	USER NAME: jgerr	DESIGNED: JRB	REVISED: 02/07/2013	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FAP 407 (IL RTE 336) SCHEDULES OF QUANTITIES</b>		F.A.P. RTE: 407	SECTION: (55-31A)	COUNTY: MOONDOUGH	TOTAL SHEETS: 671	SHEET NO.: 29	
PLOT SCALE: 2:0000 / 16	PLOT DATE: 2/27/2013	DRAWN: TJD	REVISED: 02/21/2013		SCALE: N/A	SHEET NO. 1 OF 16 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				
		CHECKED: ANW	REVISED:									
		DATE: 12-12-12	REVISED:									
CONTRACT NO. 68A42												