

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+93 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	138,786.5	38,190.6	111,029.2	415,529.9	-304,500.7	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	113,093.0	1,222.9	90,474.4	122,519.3	-32,044.9	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	67,913.8	1,178.6	54,331.0	5,197.6	49,133.4	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	15,214.1		12,171.3	20,344.8	-8,173.5	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	591,858.6		473,486.9	499,912.3	-26,425.4	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	326,610.8		261,288.6	56,375.8	204,912.8	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	146,012.4		116,809.9	34,101.9	82,708.0	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	289,403.7	51,281.4	231,523.0	116,726.7	114,796.3	19,640.0
LANE CLOSURE EARTH BERM (4)	0.0		0.0	163.6	-163.6	0.0
EMERGENCY CROSSEVER						
	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	35,777.1		28,621.7	50,706.6	-22,084.9	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	30,144.7		24,115.8	86,844.6	-62,728.8	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	88,509.3		70,807.4	252,042.6	-181,235.2	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	210,418.6		168,334.9	40,004.8	128,330.1	0.0
RAMP K						
STA 100+94 TO STA 120+38.18	410,563.8		328,451.0	32,141.9	296,309.1	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	23,725.5		18,980.4	692.0	18,288.4	840.8
EMORY ROAD (950E)						
STA 3010+00 TO STA 3022+00	22,838.9		18,271.1	1,546.8	16,724.3	1,057.5
COUNTY HIGHWAY 20 (1500N)						
STA 5000+50 TO STA 5010+00	3,037.0		2,429.6	80.1	2,349.5	776.2
STA 5011+00 TO STA 5031+00	19,608.2		15,686.6	2,701.8	12,984.8	3,535.7
STA 5042+00 TO STA 5051+00	3,666.2		2,933.0	860.4	2,072.6	937.8
1100E						
STA 6005+00 TO STA 6018+00	10,299.5		8,239.6	406.9	7,832.7	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	15,844.3		12,675.4	18,030.9	-5,355.5	4,302.6
TOTAL	3,178,160.6	91,873.5	2,542,528.5	1,827,911.6	714,616.9	150,048.5
USE	3,178,161	91,874	2,542,529	1,827,912	714,617	150,049

* SHRINKAGE FACTOR = 20%

FILE NAME =	USER NAME = jdeen	DESIGNED - JRB	REVISED - 02/07/2013
v:\transportation\2891\grading plans\2891g02.dgn		DRAWN - TJD	REVISED -
PLOT SCALE = 2.0000' / IN.		CHECKED - AWM	REVISED -
PLOT DATE = 2/7/2013		DATE - 12-12-12	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP 407 (IL RTE 336) SCHEDULES OF QUANTITIES		F.A.P. RTE. 407	SECTION (55-3)A	COUNTY McDONOUGH	TOTAL SHEETS 671	SHEET NO. 29
SCALE: N/A	SHEET NO. 1 OF 16 SHEETS	STA.	TO STA.	CONTRACT NO. 68A42		
ILLINOIS FED. AID PROJECT						