

MAINLINE US RTE. 30									
STAGE 2 EARTHWORK COMPUTATION									
LOCATION		EARTH EXCAVATION 20200100	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	FURNISHED EXCAVATION 20400800	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT (4")	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 20201200	
								TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)	UNDERCUT AND OTHER UNSUITABLE MATERIAL
STATION	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
353+00	354+00	154.88	131.65	30.24	101.41	27.44	15.28	12.17	103.63
354+00	355+00	280.31	238.26	8.49	229.77	14.80	16.32	-1.52	0.00
355+00	356+00	310.22	263.69	9.51	254.17	13.66	20.68	-7.02	0.00
356+00	357+00	245.47	208.65	45.69	162.96	38.64	25.13	13.51	0.00
357+00	358+00	246.16	209.24	60.62	148.61	20.46	32.20	-11.74	0.00
358+00	359+00	232.39	197.53	26.99	170.55	9.35	15.16	-5.81	0.00
359+00	360+00	191.89	163.10	14.91	148.19	0.00	3.17	-3.17	0.00
360+00	361+00	151.19	128.52	31.23	97.29	0.00	5.85	-5.85	0.00
361+00	362+00	176.34	149.89	19.41	130.47	0.00	2.99	-2.99	0.00
362+00	363+00	187.77	159.61	16.83	142.78	9.82	8.79	1.03	0.00
363+00	364+00	192.62	163.73	28.47	135.26	22.52	10.50	12.02	0.00
364+00	365+00	191.27	162.58	59.12	103.46	37.15	11.88	25.27	0.00
365+00	366+00	156.62	133.13	65.68	67.45	37.62	13.46	24.17	63.65
366+00	367+00	0.00	0.00	56.52	-56.52	57.47	11.34	46.13	262.66
367+00	368+00	0.00	0.00	40.99	-40.99	47.59	12.54	35.04	289.54
368+00	369+00	0.00	0.00	41.01	-41.01	30.72	11.70	19.01	291.08
369+00	370+00	0.00	0.00	23.35	-23.35	25.16	11.77	13.39	306.85
370+00	371+00	0.00	0.00	11.88	-11.88	22.96	16.20	6.77	359.86
371+00	372+00	0.00	0.00	8.67	-8.67	24.82	22.55	2.26	393.16
372+00	373+00	0.00	0.00	19.26	-19.26	24.49	22.76	1.73	334.13
373+00	374+00	54.34	46.19	15.28	30.91	12.11	10.74	1.37	135.87
374+00	375+00	92.76	78.84	43.76	35.09	11.82	20.88	-9.07	0.00
375+00	376+00	39.14	33.27	109.69	-76.42	27.72	41.16	-13.44	0.00
376+00	377+00	1.73	1.47	111.87	-110.40	26.78	34.20	-7.41	0.00
377+00	378+00	0.28	0.24	96.23	-95.99	23.52	27.60	-4.08	106.63
378+00	379+00	0.00	0.00	117.95	-117.95	40.01	31.14	8.87	216.12
379+00	380+00	0.00	0.00	138.85	-138.85	60.52	38.97	21.55	291.06
380+00	381+00	43.34	36.84	165.77	-128.93	83.22	38.91	44.31	137.62
381+00	382+00	72.60	61.71	184.79	-123.09	87.29	34.87	52.43	0.00
382+00	383+00	71.50	60.77	197.69	-136.92	80.38	32.37	48.01	0.00
383+00	384+00	77.96	66.26	202.79	-136.52	86.65	33.60	53.05	0.00
384+00	385+00	88.02	74.82	170.68	-95.87	81.16	32.96	48.19	0.00
385+00	386+00	111.13	94.46	114.01	-19.55	74.07	29.20	44.86	0.00
386+00	387+00	57.98	49.29	84.64	-35.35	87.91	27.72	60.19	91.57
387+00	388+00	0.00	0.00	63.48	-63.48	84.58	24.08	60.50	201.50
388+00	389+00	0.00	0.00	45.99	-45.99	72.66	22.72	49.95	242.88
389+00	390+00	97.16	82.59	43.56	39.03	76.79	24.62	52.17	132.96
390+00	391+00	200.20	170.17	47.24	122.93	67.39	20.90	46.48	0.00
391+00	392+00	213.82	181.75	39.20	142.55	58.97	17.10	41.86	0.00
392+00	393+00	225.81	191.94	107.73	84.20	72.14	27.58	44.56	0.00
393+00	394+00	232.46	197.59	167.30	30.29	71.73	35.71	36.01	0.00
394+00	395+00	246.95	209.91	149.92	59.99	59.67	38.89	20.78	0.00
395+00	396+00	258.31	219.56	139.03	80.53	63.43	41.49	21.94	0.00
396+00	397+00	269.31	228.91	126.41	102.50	57.63	41.19	16.44	0.00
397+00	398+00	266.44	226.48	127.81	98.67	55.68	40.28	15.40	0.00
398+00	399+00	238.16	202.44	152.60	49.83	55.08	36.98	18.09	0.00
399+00	400+00	191.25	162.56	194.90	-32.33	60.58	37.41	23.18	0.00
400+00	401+00	158.74	134.93	218.89	-83.96	77.15	32.43	44.72	0.00
401+00	402+00	184.72	157.01	109.95	47.06	45.14	16.25	28.89	0.00
402+00	403+00	200.08	170.07	75.04	95.03	30.62	14.07	16.55	0.00
403+00	404+00	185.08	157.32	108.30	49.02	57.45	18.65	38.80	0.00
404+00	405+00	183.79	156.22	62.67	93.55	69.21	17.43	51.78	0.00
405+00	406+00	194.45	165.28	51.26	114.03	86.75	21.22	65.52	0.00
406+00	407+00	218.25	185.51	45.44	140.07	79.63	21.77	57.86	0.00
407+00	408+00	113.12	96.15	53.86	42.29	75.73	19.90	55.83	140.36
408+00	409+00	0.00	0.00	59.49	-59.49	67.97	17.98	49.98	295.86
409+00	410+00	0.00	0.00	58.02	-58.02	54.19	17.28	36.91	314.38
410+00	411+00	134.60	114.41	52.18	62.23	57.40	18.23	39.17	158.88
411+00	412+00	254.60	216.41	43.93	172.48	69.05	22.14	46.90	0.00
SUBTOTAL		7695.20	6540.92	4717.06	1823.87	2874.43	1370.89	1503.54	4870.24

MAINLINE US RTE. 30									
STAGE 2 EARTHWORK COMPUTATION									
LOCATION		EARTH EXCAVATION 20200100	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	FURNISHED EXCAVATION 20400800	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT (4")	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 20201200	
								TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)	UNDERCUT AND OTHER UNSUITABLE MATERIAL
STATION	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
412+00	413+00	235.96	200.57	45.10	155.47	82.93	27.24	55.69	0.00
413+00	414+00	181.08	153.92	89.67	64.24	89.01	30.03	58.98	0.00
414+00	415+00	89.33	75.93	204.64	-128.71	94.29	33.31	60.98	0.00
415+00	416+00	48.00	40.80	403.84	-363.04	102.81	38.34	64.48	0.00
416+00	417+00	21.90	18.62	780.83	-762.21	131.13	44.12	87.00	0.00
417+00	418+00	5.29	4.49	1110.30	-1105.81	170.10	50.60	119.50	0.00
418+00	419+00	0.00	0.00	1437.26	-1437.26	201.48	55.41	146.08	0.00
419+00	420+00	5.08	4.32	710.55	-706.23	105.56	27.15	78.41	0.00
420+00	421+00	194.44	165.28	669.25	-503.97	137.78	35.10	102.69	0.00
421+00	422+00	220.84	187.72	1089.31	-901.59	216.98	56.82	160.15	0.00
422+00	423+00	54.85	46.63	729.56	-682.94	150.08	41.88	108.20	0.00
423+00	424+00	46.25	39.31	523.81	-484.50	124.86	38.58	86.29	0.00
424+00	425+00	27.29	23.20	374.75	-351.55	93.03	33.05	59.98	0.00
425+00	426+00	9.50	8.07	293.29	-285.22	68.08	26.49	41.59	42.63
426+00	427+00	0.00	0.00	280.39	-280.39	51.92	21.65	30.27	77.98
427+00	428+00	0.00	0.00	124.26	-124.26	36.07	15.61	20.46	51.34
428+00	429+00	6.02	5.11	60.08	-54.97	36.52	11.50	25.02	25.13
429+00	430+00	53.42	45.41	41.18	4.23	42.09	9.89	32.20	0.00
430+00	431+00	128.85	109.52	14.04	95.48	31.96	6.80	25.16	0.00
431+00	432+00	81.44	69.22	20.56	48.67	40.53	10.99	29.53	198.30
432+00	433+00	0.00	0.00	26.59	-26.59	54.95	17.56	37.39	416.09
433+00	434+00	0.00	0.00	21.78	-21.78	55.19	18.06	37.13	435.59
434+00	435+00	0.00	0.00	9.83	-9.83	43.53	15.67	27.87	523.26
435+00	436+00	0.00	0.00	7.18	-7.18	25.86	9.87	15.99	414.72
436+00	437+00	0.00	0.00	14.68	-14.68	16.43	6.41	10.02	248.71
437+00	438+00	0.00	0.00	12.17	-12.17	13.14	5.51	7.63	218.31
438+00	439+00	30.34	25.79	2.82	22.97	3.72	1.75	1.97	39.75
SUBTOTAL		1439.88	1223.90	9097.70	-7873.81	2220.06	689.41	1530.64	2691.81
Totals		13,652.66	11,604.76	17,137.19	-5,532.43	6,951.13	3,128.59	3,822.54	10,292.98

DOUGLAS RD.									
STAGE II EARTHWORK COMPUTATION									
LOCATION		EARTH EXCAVATION 20200100	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	FURNISHED EXCAVATION 20400800	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT (4")	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 20201200	
								TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)	UNDERCUT AND OTHER UNSUITABLE MATERIAL
STATION	STATION	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD
207+50	208+00	2.65	2.25	0.43	1.82	0.24	0.16	0.08	0.00
208+00	208+50	10.73	9.12	7.71	1.41	0.26	2.30	-2.05	0.00
208+50	209+00	103.51	87.98	6.51	81.47	1.24	6.97	-5.72	0.00
209+00	209+50	187.09	159.02	1.74	157.29	3.99	10.13	-6.13	0.00
209+50	210+00	213.01	181.05	38.88	142.18	3.80	9.11	-5.31	0.00
Totals		516.97	439.43	55.27	384.16	9.54	28.66	-19.13	0.00

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1170 SOUTH HOUBOLT ROAD  
JOLIET, ILLINOIS 60431  
(815) 744-4200  
PLOT SCALE = 48.0000' / in.  
PLOT DATE = 5/14/2012

DESIGNED -	REVISD -
DRAWN -	REVISD -
CHECKED -	REVISD -
DATE -	REVISD -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: AS SHOWN SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	11 WRS-3	KENDALL	527	47
CONTRACT NO. 60132				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				