

FIFTH ST.									
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	
STATION	STATION	CU YD	CU YD	CU YD	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	CU YD	CU YD	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)	UNDERCUT AND OTHER UNSUITABLE MATERIAL
502+25	502+50	88.21	74.98	1.75	73.23	1.72	1.80	-0.09	0.00
502+50	503+00	177.73	151.07	4.62	146.46	4.35	4.94	-0.59	0.00
503+00	503+50	180.99	153.84	7.25	146.59	2.67	4.70	-2.03	0.00
503+50	504+00	176.85	150.32	6.12	144.20	2.60	4.32	-1.73	0.00
504+00	504+50	137.54	116.91	8.68	108.23	5.72	6.17	-0.46	0.00
504+50	504+80	53.71	45.65	12.12	33.53	3.13	4.19	-1.06	0.00
US RTE. 30									
Totals		815.03	692.77	40.54	652.24	20.18	26.13	-5.95	0.00

MAINLINE US RTE. 30									
STAGE 3 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	
STATION	STATION	CU YD	CU YD	CU YD	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	CU YD	CU YD	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)	UNDERCUT AND OTHER UNSUITABLE MATERIAL
307+00	308+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
308+00	309+00	11.80	10.03	3.05	6.98	0.00	0.00	0.00	0.00
309+00	310+00	28.55	24.26	3.05	21.22	0.00	0.00	0.00	0.00
310+00	311+00	44.87	38.14	0.00	38.14	0.00	0.00	0.00	0.00
311+00	312+00	55.13	46.86	0.00	46.86	0.00	0.00	0.00	0.00
312+00	313+00	64.57	54.89	0.00	54.89	0.00	0.00	0.00	0.00
313+00	314+00	71.71	60.96	0.00	60.96	0.00	0.00	0.00	0.00
314+00	315+00	77.79	66.12	0.00	66.12	0.00	0.00	0.00	0.00
315+00	316+00	73.44	62.43	0.00	62.43	0.00	0.00	0.00	0.00
316+00	317+00	69.51	59.08	0.00	59.08	0.00	0.00	0.00	0.00
317+00	318+00	79.13	67.26	0.00	67.26	0.00	0.00	0.00	0.00
318+00	319+00	104.13	88.51	0.00	88.51	0.00	0.00	0.00	0.00
319+00	320+00	115.20	97.92	0.00	97.92	0.00	0.00	0.00	0.00
320+00	321+00	93.70	79.64	0.00	79.64	0.00	0.00	0.00	0.00
321+00	322+00	68.14	57.92	0.00	57.92	0.00	0.00	0.00	0.00
322+00	323+00	40.96	34.82	0.00	34.82	0.00	0.00	0.00	0.00
323+00	324+00	17.92	15.23	0.00	15.23	0.00	0.00	0.00	0.00
324+00	325+00	4.42	3.75	7.87	-4.12	0.00	0.00	0.00	0.00
325+00	326+00	0.00	0.00	28.02	-28.02	0.00	0.00	0.00	0.00
326+00	327+00	0.00	0.00	40.32	-40.32	0.00	0.00	0.00	0.00
327+00	328+00	0.00	0.00	31.03	-31.03	0.00	0.00	0.00	0.00
328+00	329+00	0.00	0.00	12.87	-12.87	0.00	0.00	0.00	0.00
329+00	330+00	5.73	4.87	2.53	2.34	0.00	0.00	0.00	0.00
330+00	331+00	23.64	20.10	0.00	20.10	0.00	0.00	0.00	0.00
331+00	332+00	47.80	40.63	0.00	40.63	0.00	0.00	0.00	0.00
332+00	333+00	30.52	25.94	0.00	25.94	0.00	0.00	0.00	51.33
333+00	334+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	116.15
334+00	335+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	130.40
335+00	336+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	125.25
336+00	337+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	115.95
337+00	338+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	89.85
338+00	339+00	50.24	42.70	0.00	42.70	0.00	0.00	0.00	33.57
339+00	340+00	96.35	81.90	0.00	81.90	0.00	0.00	0.00	0.00
340+00	341+00	88.08	74.86	0.00	74.86	0.00	0.00	0.00	0.00
341+00	342+00	79.29	67.40	0.00	67.40	0.00	0.00	0.00	0.00
342+00	343+00	73.18	62.20	0.00	62.20	0.00	0.00	0.00	0.00
343+00	344+00	67.58	57.44	0.00	57.44	0.00	0.00	0.00	0.00
344+00	345+00	36.91	31.38	0.00	31.38	0.00	0.00	0.00	0.00
345+00	346+00	29.37	24.96	0.00	24.96	0.00	0.00	0.00	0.00
346+00	347+00	47.38	40.27	0.00	40.27	0.00	0.00	0.00	0.00
347+00	348+00	66.86	56.83	0.00	56.83	0.00	0.00	0.00	0.00
SUBTOTAL		1763.86	1499.28	128.73	1370.55	0.00	0.00	0.00	662.51

MAINLINE US RTE. 30									
STAGE 3 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	
STATION	STATION	CU YD	CU YD	CU YD	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)	CU YD	CU YD	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)	UNDERCUT AND OTHER UNSUITABLE MATERIAL
348+00	349+00	84.54	71.86	0.00	71.86	0.00	0.00	0.00	0.00
349+00	350+00	97.44	82.83	0.00	82.83	0.00	0.00	0.00	0.00
350+00	351+00	52.17	44.35	0.00	44.35	0.00	0.00	0.00	78.03
351+00	352+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	179.60
352+00	353+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	248.93
353+00	354+00	148.53	126.25	0.00	126.25	0.00	0.00	0.00	87.44
354+00	355+00	152.81	129.89	0.00	129.89	0.00	0.00	0.00	0.00
355+00	356+00	92.83	78.91	0.00	78.91	0.00	0.00	0.00	0.00
356+00	357+00	91.47	77.75	3.52	74.23	0.00	0.00	0.00	0.00
357+00	358+00	87.23	74.15	5.22	68.93	0.00	0.00	0.00	0.00
358+00	359+00	50.24	42.71	2.77	39.94	0.00	0.00	0.00	0.00
359+00	360+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
360+00	361+00	30.85	26.22	2.61	23.61	0.00	0.00	0.00	0.00
361+00	362+00	34.28	29.13	5.22	23.91	0.00	0.00	0.00	0.00
362+00	363+00	67.08	57.01	5.52	51.49	0.00	0.00	0.00	0.00
363+00	364+00	79.99	67.99	3.21	64.78	0.00	0.00	0.00	0.00
364+00	365+00	143.19	121.71	0.00	121.71	0.00	0.00	0.00	0.00
365+00	366+00	159.20	135.32	0.00	135.32	0.00	0.00	0.00	50.83
366+00	367+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	206.32
367+00	368+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	188.86
368+00	369+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	163.48
369+00	370+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	129.65
370+00	371+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	124.49
371+00	372+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	171.20
372+00	373+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	165.96
373+00	374+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	73.40
374+00	375+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
375+00	376+00	0.00	0.00	4.69	-4.69	0.00	0.00	0.00	0.00
376+00	377+00	0.00	0.00	9.60	-9.60	0.00	0.00	0.00	0.00
377+00	378+00	0.00	0.00	4.91	-4.91	0.00	0.00	0.00	13.85
378+00	379+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.14
379+00	380+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.27
380+00	381+00	15.22	12.94	0.00	12.94	0.00	0.00	0.00	25.42
381+00	382+00	29.45	25.03	0.00	25.03	0.00	0.00	0.00	0.00
382+00	383+00	37.69	32.04	0.00	32.04	0.00	0.00	0.00	0.00
383+00	384+00	43.36	36.85	0.00	36.85	0.00	0.00	0.00	0.00
384+00	385+00	50.45	42.88	0.00	42.88	0.00	0.00	0.00	0.00
385+00	386+00	71.68	60.93	0.00	60.93	0.00	0.00	0.00	0.00
386+00	387+00	40.01	34.01	0.00	34.01	0.00	0.00	0.00	58.78
387+00	388+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	128.35
388+00	389+00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	143.20
389+00	390+00	72.17	61.35	0.00	61.35	0.00	0.00	0.00	73.63
390+00	391+00	149.59	127.15	0.00	127.15	0.00	0.00	0.00	0.00
391+00	392+00	156.79	133.27	0.00	133.27	0.00	0.00	0.00	0.00
392+00	393+00	161.86	137.58	0.00	137.58	0.00	0.00	0.00	0.00
393+00	394+00	167.05	141.99	0.00	141.99	0.00	0.00	0.00	0.00
394+00	395+00	176.49	150.02	0.00	150.02	0.00	0.00	0.00	0.00
395+00	396+00	191.12	162.45	0.00	162.45	0.00	0.00	0.00	0.00
396+00	397+00	199.21	169.33	0.00	169.33	0.00	0.00	0.00	0.00
397+00	398+00	198.00	168.30	0.00	168.30	0.00	0.00	0.00	0.00
398+00	399+00	178.77	151.96	0.00	151.96	0.00	0.00	0.00	0.00
399+00	400+00	162.15	137.83	0.00	137.83	0.00	0.00	0.00	0.00
400+00	401+00	142.75	121.34	0.00	121.34	0.00	0.00	0.00	0.00
401+00	402+00	130.51	110.93	0.00	110.93	0.00	0.00	0.00	0.00
402+00	403+00	138.14	117.42	0.00	117.42	0.00	0.00	0.00	0.00
403+00	404+00	144.09	122.47	0.00	122.47	0.00	0.00	0.00	0.00
404+00	405+00	154.08	130.97	0.00	130.97	0.00	0.00	0.00	0.00
405+00	406+00	163.45	138.93	0.00	138.93	0.00	0.00	0.00	0.00
406+00	407+00	168.74	143.43	0.00	143.43	0.00	0.00	0.00	0.00
SUBTOTAL		4514.66	3837.46	47.28	3790.18	0.00	0.00	0.00	2389.82