

US ROUTE 30 & FRONTAGE ROAD

STATION TO STATION	LENGTH	EARTH EXCAVATION (SUITABLE CUT)				EARTH EXCAVATION (15% S.F.) USED FOR EMBANKMENTS				EMBANKMENT (SUITABLE FILL)				EARTHWORK BALANCE (CU YD) (+)= WAST, (-)= SHORTAGE				
		PRE STAGE	STAGE 1/2	STAGE 3	STAGE 4	PRE STAGE	STAGE 1/2	STAGE 3	STAGE 4	PRE STAGE	STAGE 1/2	STAGE 3	STAGE 4	PRE STAGE	STAGE 1/2	STAGE 3	STAGE 4	
260+50	261+00	50	9.0	0.0	0.0	0.0	7.6	0.0	0.0	0.0	0.0	0.0	0.0	7.6	0.0	0.0	0.0	
261+00	261+50	50	11.4	0.0	0.0	0.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	
261+50	262+00	50	14.2	0.0	0.0	0.0	12.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	0.0	0.0	
262+00	262+50	50	19.4	0.0	0.0	0.0	16.4	0.0	0.0	0.0	0.0	0.0	0.0	16.4	0.0	0.0	0.0	
262+50	263+00	50	23.9	18.9	19.7	0.0	22.9	16.0	16.8	0.0	0.0	1.4	4.5	0.0	22.9	14.6	12.2	0.0
263+00	263+37.16	37.16	22.7	36.8	39.3	0.0	19.3	1.3	33.4	0.0	0.0	2.9	6.5	0.0	19.3	28.4	26.9	0.0
263+37.16	263+50	12.84	7.9	35.8	38.5	0.0	6.7	30.4	32.8	0.0	0.0	1.5	3.0	0.0	6.7	28.9	29.8	0.0
263+50	264+00	50	28.3	35.3	35.3	0.0	24.1	30.0	30.0	0.0	0.0	12.9	5.6	0.0	24.1	17.1	24.4	0.0
264+00	264+50	50	25.8	33.0	30.4	0.0	22.0	28.0	25.9	0.0	0.0	22.4	8.6	0.0	22.0	5.6	17.3	0.0
264+50	265+00	50	21.0	28.4	26.5	0.0	17.9	24.1	22.5	0.0	0.9	26.5	8.7	0.0	16.9	-2.4	13.8	0.0
265+00	265+50	50	18.8	25.1	24.4	0.0	16.0	21.3	20.8	0.0	0.9	26.8	8.9	0.0	15.1	-5.4	11.9	0.0
265+50	265+62.08	12.08	5.0	24.8	23.9	0.0	4.3	21.1	20.4	0.0	0.0	6.2	7.1	0.0	4.3	14.9	13.3	0.0
265+62.08	266+00	37.92	14.4	27.7	23.3	0.0	12.2	23.6	19.8	0.0	1.8	14.0	8.5	0.0	10.5	9.5	11.3	0.0
266+00	266+40.66	40.66	15.9	33.5	21.9	0.0	13.5	28.5	18.6	0.0	2.3	5.3	9.7	0.0	11.2	23.2	8.9	0.0
266+40.66	266+50	9.34	4.2	37.6	20.8	0.0	3.5	32.0	17.7	0.0	0.2	0.2	8.1	0.0	3.3	31.8	9.6	0.0
266+50	267+00	50	24.3	46.2	23.7	0.0	20.6	39.3	20.1	0.0	5.0	0.6	7.0	0.0	15.6	38.7	13.2	0.0
267+00	267+50	50	29.7	27.0	13.4	0.0	25.3	22.9	11.3	0.0	6.1	0.2	3.0	0.0	19.2	22.7	8.3	0.0
267+50	268+00	50	35.4	9.4	0.0	23.4	30.1	8.0	0.0	19.9	13.1	4.9	32.5	18.9	17.0	3.0	-32.5	1.0
268+00	268+50	50	25.6	23.5	6.4	52.0	21.8	20.0	5.4	44.2	37.3	19.7	66.9	28.3	-15.5	0.3	-61.4	15.9
268+50	269+00	50	7.2	27.9	6.4	78.0	6.1	23.7	5.4	66.3	89.7	40.6	34.3	35.4	-83.6	-16.9	-28.9	30.8
269+00	269+50	50	4.1	37.8	0.0	122.1	3.5	32.1	0.0	103.8	118.5	48.9	0.0	27.5	-115.1	-16.8	0.0	76.4
269+50	270+00	50	4.1	62.1	0.0	111.1	3.5	52.8	0.0	94.4	75.8	36.1	0.0	1.8	-72.4	16.6	0.0	92.6
270+00	270+50	50	27.1	103.8	0.0	64.8	23.1	88.2	0.0	55.0	21.4	24.4	0.0	1.7	1.7	63.8	0.0	53.3
270+50	271+00	50	37.2	124.8	0.0	56.3	31.6	106.0	0.0	47.8	4.5	26.0	0.0	2.7	27.1	80.0	0.0	45.2
271+00	271+50	50	18.9	118.9	0.0	58.1	16.1	101.1	0.0	49.4	12.4	41.3	0.0	1.9	3.6	59.8	0.0	47.4
271+50	272+00	50	20.7	121.2	0.0	59.4	17.6	103.0	0.0	50.5	21.5	50.4	0.0	2.5	-3.9	52.6	0.0	48.0
272+00	272+50	50	28.6	92.5	0.0	49.1	24.3	78.6	0.0	41.8	22.1	75.7	0.0	6.0	2.2	2.9	0.0	35.8
272+50	273+00	50	31.1	31.3	0.0	33.8	26.4	26.6	0.0	28.7	20.1	160.6	0.0	9.4	6.4	-133.9	0.0	19.3
273+00	273+50	50	29.3	0.1	0.0	30.6	24.9	0.1	0.0	26.0	23.1	339.0	0.0	11.5	1.7	-338.9	0.0	14.5
273+50	274+00	50	30.1	0.0	0.0	33.3	25.6	0.0	0.0	28.3	18.0	760.5	0.0	9.5	7.6	-760.5	0.0	18.8
274+00	274+50	50	28.1	0.0	0.0	32.2	23.9	0.0	0.0	27.4	8.9	1267.5	0.0	14.2	15.0	-1267.5	0.0	13.1
274+50	275+00	50	23.7	1.0	0.0	27.4	20.1	0.9	0.0	23.3	2.9	1556.9	0.0	22.2	17.3	-1556.1	0.0	1.1
275+00	275+50	50	18.3	2.1	0.0	42.3	15.6	1.8	0.0	35.9	0.0	1720.8	0.0	38.3	15.6	-1719.1	0.0	-2.4
275+50	276+00	50	12.6	2.1	0.0	66.3	10.7	1.8	0.0	56.3	0.0	1880.6	0.0	67.0	10.7	-1878.8	0.0	-10.7
276+00	276+50	50	26.0	2.1	0.0	51.9	22.1	1.8	0.0	44.1	0.0	2736.8	0.0	95.5	22.1	-2735.0	0.0	-51.4
276+50	277+00	50	37.0	3.2	0.0	25.5	31.5	2.7	0.0	21.7	0.0	1864.4	0.0	97.5	31.5	-1861.8	0.0	-75.8
277+00	277+46.32	46.32	15.1	4.3	0.0	23.9	12.8	3.6	0.0	20.3	0.0	181.4	0.0	101.5	12.8	-177.8	0.0	-81.2
277+46.32	277+50	3.68	1.2	4.1	0.0	25.5	1.0	3.5	0.0	21.6	0.0	14.6	0.0	102.1	1.0	-11.2	0.0	-80.5
277+50	277+64.32	14.32	4.7	4.1	0.0	26.8	4.0	3.5	0.0	22.8	0.0	45.1	0.0	80.7	4.0	-41.7	0.0	-57.9
277+64.32	277+82.32	18	0.0	4.3	0.0	30.6	0.0	3.7	0.0	26.0	0.0	54.9	0.0	73.6	0.0	-51.2	0.0	-47.6
277+82.32	278+00	17.68	0.0	3.3	0.0	35.9	0.0	2.8	0.0	30.5	0.0	66.0	0.0	83.3	0.0	-63.2	0.0	-52.8
278+00	278+50	50	16.4	1.1	0.0	33.5	13.9	0.9	0.0	28.5	0.0	179.6	0.0	123.5	13.9	-178.7	0.0	-95.0
278+50	279+00	50	33.1	0.0	0.0	26.7	28.1	0.0	0.0	22.7	0.0	200.8	0.0	142.8	28.1	-200.8	0.0	-120.1
279+00	279+50	50	30.0	0.0	0.0	26.8	25.5	0.0	0.0	22.8	0.0	203.2	0.0	127.9	25.5	-203.2	0.0	-105.2
279+50	280+00	50	26.0	0.0	0.0	14.3	22.1	0.0	0.0	12.2	0.0	100.0	0.0	60.8	22.1	-100.0	0.0	-48.6
280+00	280+50	50	29.7	0.0	0.0	0.0	25.3	0.0	0.0	0.0	0.0	0.0	0.0	25.3	0.0	0.0	0.0	0.0
280+50	281+00	50	33.2	0.0	0.0	0.0	28.3	0.0	0.0	0.0	0.0	0.0	0.0	28.3	0.0	0.0	0.0	0.0
281+00	281+50	50	33.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	0.0	0.0	0.0	0.0
281+50	282+00	50	33.1	0.0	0.0	0.0	28.1	0.0	0.0	0.0	0.0	0.0	0.0	28.1	0.0	0.0	0.0	0.0
282+00	282+50	50	32.2	0.0	0.0	0.0	27.4	0.0	0.0	0.0	0.0	0.0	0.0	27.4	0.0	0.0	0.0	0.0
282+50	283+00	50	32.4	60.1	0.0	18.4	27.5	51.1	0.0	15.7	0.0	77.3	0.0	76.5	27.5	-26.2	0.0	-60.8
283+00	283+50	50	16.5	127.3	0.0	47.9	14.0	108.2	0.0	40.7	0.0	148.1	0.0	127.2	14.0	-39.8	0.0	-86.5
283+50	284+00	50	0.0	143.9	0.0	49.7	0.0	122.3	0.0	42.2	0.0	144.1	0.0	80.0	0.0	-21.8	0.0	-37.8
284+00	284+50	50	0.0	158.8	0.0	48.2	0.0	134.9	0.0	41.0	0.0	159.3	0.0	52.8	0.0	-24.3	0.0	-11.8
284+50	285+00	50	0.0	166.7	0.0	58.8	0.0	141.7	0.0	50.0	0.0	192.8	0.0	52.4	0.0	-51.1	0.0	-2.4
285+00	285+50	50	0.0	172.7	0.0	55.0	0.0	146.8	0.0	46.7	0.0	288.3	0.0	56.1	0.0	-141.5	0.0	-9.3
285+50	286+00	50	0.0	179.3	0.0	40.5	0.0	152.4	0.0	34.5	0.0	417.2	0.0	27.7	0.0	-264.8	0.0	-23.3
286+00	286+50	50	0.0	182.7	0.0	26.3	0.0	155.3	0.0	22.3	0.0	726.6	0.0	72.2	0.0	-571.3	0.0	-49.8
286+50	287+00	50	7.7	184.3	0.0	22.0	6.5	156.6	0.0	18.7	0.0	2007.5	0.0	120.3	6.5	-1850.9	0.0	-101.6
287+00	287+50	50	19.9	206.0	0.0	17.8	16.9	175.1	0.0	15.1	0.0	2889.8	0.0	200.3	16.9	-2714.7	0.0	-185.2
287+50	288+00	50	27.4	114.3	0.0	86.0	23.3	97.2	0.0	73.1	0.0	3105.0	0.0	191.5	23.3	-3007.8	0.0	-118.4
288+00	288+50	50	31.8	1.1	0.0	312.8	27.0	0.9	0.0	265.9	0.0	3004.4	0.0	91.0	27.0	-3003.5	0.0	174.9
288+50	289+00	50	35.5	0.0	0.0	592.3	30.1	0.0	0.0	503.4	0.0	2205.0	0.0	38.9	30.1	-2205.0	0.0	464.6
289+00	289+50	50	38.7	0.0	0.0	814.4	32.9	0.0	0.0	692.3	0.0	1732.9	0.0	31.5	32.9	-1732.9	0.0	660.7
289+50	291+00	150	73.3	0.0	0.0	502.4	62.3	0.0	0.0	427.1	0.0	3543.3	0.0	63.4	62.3	-3543.3	0.0	363.7
291+00	291+50	50	14.9	0.0	0.0	66.1	12.7	0.0	0.0	56.2	0.0	380.6	21.8	55.5	12.7	-380.6	-21.8	0.7
291+50	292+00	50	20.6	0.0	0.0	37.4	17.6	0.0	0.0	31.8	0.0	306.9	28.3	11.8	17.6	-306.9	-28.3	20.0
292+00	292+50	50	20.3	0.0	26.4	19.1	17.2	0.0	22.1	16.3	0.0	566.5	10.2	5.8	17.2	-566.5	11.9	10.4
292+50	293+00	50	21.5	6.3	51.4	0.0	18.3	5.3	43.7	0.0	0.0	427.2	7.1	0.0	18.3	-421.9	36.6	0.0



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