End Area Volume Report

Report Created: 7/12/2022
Time: 3:00pm

Cross Section Set Name: DESIGN
Alignment Name: DESIGN
Input Grid Factor: 1.00 **Note:** All units in this report are in feet, square feet and cubic feet unless specified otherwise.
All end areas manually calculated.

Baseline Station	Station Quantities								Added Quantities						Mass Ordinate
	Cut				Fill				Cut			Fill			
	Factor	Area	Volume	Adjusted	Factor	Area	Volume	Adjusted	Factor	Volume	Adjusted	Factor	Volume	Adjusted	
125+96.33	1.00	30.0	0.0	0.0	1.15	10.4	0.0	0.0	1.00	2700.0	2,700.0	1.15	352.2	405.0	2,295.0
126+00.00	1.00	29.7	109.6	109.6	1.15	10.3	38.1	43.8							2,360.8
126+50.00	1.00	37.0	1668.8	1,668.8	1.15	11.3	541.3	622.4							3,407.1
127+00.00	1.00	32.2	1731.0	1,731.0	1.15	15.8	679.0	780.9							4,357.3
127+50.00	1.00	28.2	1509.5	1,509.5	1.15	35.1	1272.0	1,462.8							4,404.0
128+00.00	1.00	23.7	1295.5	1,295.5	1.15	69.0	2601.0	2,991.2							2,708.3
128+40.00	1.00	26.0	994.0	994.0	1.15	105.4	3488.4	4,011.7							-309.3
128+50.00	1.00	30.4	282.3	282.3	1.15	112.9	1091.6	1,255.3							-1,282.3
129+00.00	1.00	34.4	1619.3	1,619.3	1.15	73.5	4660.0	5,359.0							-5,022.1
129+40.00	1.00	32.3	1332.8	1,332.8	1.15	103.3	3537.0	4,067.6							-7,756.8
129+50.00	1.00	35.3	338.1	338.1	1.15	101.3	1023.0	1,176.5							-8,595.2
129+70.00	1.00	39.0	743.4	743.4	1.15	104.4	2056.9	2,365.4							-10,217.3
130+00.00	1.00	35.2	1113.9	1,113.9	1.15	109.6	3209.4	3,690.8							-12,794.2
130+50.00	1.00	27.8	1575.5	1,575.5	1.15	106.0	5388.5	6,196.8							-17,415.5
130+55.00	1.00	27.3	137.8	137.8	1.15	106.5	531.2	610.8							-17,888.5
130+65.00	1.00	38.1	327.2	327.2	1.15	105.1	1058.0	1,216.7							-18,778.0
131+00.00	1.00	41.1	1386.5	1,386.5	1.15	107.4	3718.4	4,276.2							-21,667.6
131+50.00	1.00	49.5	2264.3	2,264.3	1.15	112.7	5502.3	6,327.6							-25,731.0
132+00.00	1.00	52.5	2547.5	2,547.5	1.15	134.8	6189.5	7,117.9							-30,301.4
132+35.82	1.00	0.0	939.4	939.4	1.15	99.0	4188.4	4,816.7							-34,178.7
132+50.00	1.00	0.0	0.0	0.0	1.15	110.5	1485.6	1,708.5							-35,887.2
133+00.00	1.00	0.0	0.0	0.0	1.15	107.8	5458.5	6,277.3							-42,164.5
133+05.48	1.00	0.0	0.0	0.0	1.15	105.3	584.0	671.6							-42,836.1
133+10.00	1.00	0.0	0.0	0.0	1.15	105.2	475.9	547.2	1.00	6075.0	6,075.0	1.15	38739.1	44,550.0	-81,858.4
133+30.00	1.00	0.0	0.0	0.0	1.15	143.5	2487.2	2,860.3							-84,718.6
133+44.44	1.00	0.0	0.0	0.0	1.15	422.1	4083.7	4,696.3							-89,414.9
133+52.09	1.00	0.6	2.1	2.1	1.15	348.6	2948.2	3,390.4							-92,803.2
134+00.00	1.00	0.9	34.3	34.3	1.15	259.3	14562.0	16,746.3							-109,515.2
134+05.48	1.00	4.1	13.5	13.5	1.15	278.6	1473.6	1,694.7							-111,196.4
134+40.00	1.00	6.7	184.9	184.9	1.15	329.1	10488.0	12,061.2							-123,072.8
134+50.00	1.00	11.5	90.6	90.6	1.15	345.0	3370.3	3,875.8							-126,858.0

134+60.17	1.00	0.0	58.3	58.3	1.15	345.0	3508.4	4,034.7	1.00	1080.0	1,080.0				-129,754.5
134+80.00	1.00	10.5	104.1	104.1	1.15	0.0	0.0	0.0							-129,650.4
135+00.00	1.00	6.7	172.0	172.0	1.15	0.0	0.0	0.0							-129,478.4
135+05.48	1.00	5.1	32.3	32.3	1.15	0.0	0.0	0.0							-129,446.1
BRIDGE															
135+75.48	1.00	17.7	0.0	0.0	1.15	0.0	0.0	0.0	1.00	36855.0	36,855.0	1.15	9508.7	10,935.0	-103,526.1
136+00.00	1.00	32.8	619.0	619.0	1.15	0.0	0.0	0.0							-102,907.1
136+30.00	1.00	29.1	927.9	927.9	1.15	0.0	0.0	0.0							-101,979.2
136+50.00	1.00	25.0	541.2	541.2	1.15	0.0	0.0	0.0							-101,438.0
136+60.00	1.00	23.2	241.0	241.0	1.15	0.0	0.0	0.0							-101,197.0
136+75.48	1.00	19.7	331.5	331.5	1.15	0.0	0.0	0.0							-100,865.5
137+00.00	1.00	13.2	402.7	402.7	1.15	0.0	0.0	0.0							-100,462.8
137+30.00	1.00	6.4	293.3	293.3	1.15	0.0	0.0	0.0	1.00	270.0	270.0				-99,899.5
137+50.00	1.00	9.2	155.4	155.4	1.15	0.0	0.0	0.0							-99,744.1
137+75.48	1.00	10.8	254.8	254.8	1.15	0.0	0.0	0.0							-99,489.3
138+00.00	1.00	15.5	323.1	323.1	1.15	0.0	0.0	0.0							-99,166.3
138+50.00	1.00	44.3	1496.3	1,496.3	1.15	0.0	0.0	0.0							-97,670.0
139+00.00	1.00	49.2	2339.5	2,339.5	1.15	0.0	0.0	0.0							-95,330.5
139+50.00	1.00	67.8	2925.0	2,925.0	1.15	0.0	0.0	0.0							-92,405.5
140+00.00	1.00	54.4	3055.0	3,055.0	1.15	0.0	0.0	0.0							-89,350.5
140+50.00	1.00	52.2	2666.0	2,666.0	1.15	0.0	0.0	0.0							-86,684.5
140+85.40	1.00	61.3	2009.2	2,009.2	1.15	0.0	0.0	0.0							-84,675.3
141+00.00	1.00	53.9	840.8	840.8	1.15	0.0	0.0	0.0							-83,834.6
141+50.00	1.00	60.0	2845.5	2,845.5	1.15	0.0	0.0	0.0							-80,989.1
142+00.00	1.00	118.7	4465.0	4,465.0	1.15	0.0	0.0	0.0							-76,524.1
142+08.46	1.00	85.8	864.8	864.8	1.15	0.0	0.0	0.0							-75,659.3
142+50.00	1.00	61.4	3057.1	3,057.1	1.15	0.0	0.0	0.0							-72,602.1
143+00.00	1.00	74.4	3394.0	3,394.0	1.15	0.0	0.0	0.0							-69,208.1
143+50.00	1.00	66.8	3529.5	3,529.5	1.15	0.0	0.0	0.0							-65,678.6
144+00.00	1.00	73.6	3510.3	3,510.3	1.15	0.0	0.0	0.0							-62,168.4
144+50.00	1.00	79.9	3837.3	3,837.3	1.15	0.0	0.0	0.0							-58,331.1
144+84.80	1.00	96.3	3065.2	3,065.2	1.15	0.0	0.0	0.0	1.00	2700.0	2,700.0				-52,565.9
145+00.00	1.00	86.2	1386.8	1,386.8	1.15	0.0	0.0	0.0							-51,179.2
145+50.00	1.00	77.9	4102.5	4,102.5	1.15	0.0	0.0	0.0							-47,076.7
146+00.00	1.00	76.5	3859.5	3,859.5	1.15	0.0	0.0	0.0							-43,217.2
146+50.00	1.00	52.4	3222.8	3,222.8	1.15	0.0	0.0	0.0							-39,994.4
147+00.00	1.00	58.4	2770.3	2,770.3	1.15	0.0	0.0	0.0							-37,224.2
147+50.00	1.00	67.2	3139.8	3,139.8	1.15	0.0	0.0	0.0							-34,084.4
148+00.00	1.00	67.6	3369.0	3,369.0	1.15	0.0	0.0	0.0							-30,715.4
148+50.00	1.00	69.7	3430.0	3,430.0	1.15	0.0	0.0	0.0							-27,285.4
149+00.00	1.00	65.3	3374.8	3,374.8	1.15	0.0	0.0	0.0							-23,910.7
149+50.00	1.00	53.4	2969.5	2,969.5	1.15	0.0	0.0	0.0							-20,941.2

150+00.00	1.00	38.3	2293.5	2,293.5	1.15	0.0	0.0	0.0						-18,647.7
150+50.00	1.00	32.5	1770.0	1,770.0	1.15	1.4	34.5	39.7						-16,917.3
150+86.28	1.00	56.7	1617.7	1,617.7	1.15	35.9	676.3	777.7						-16,077.3
150+97.73	1.00	76.4	761.9	761.9	1.15	37.5	420.4	483.5						-15,798.9
151+00.00	1.00	79.2	176.6	176.6	1.15	36.9	84.5	97.1						-15,719.5
151+30.68	1.00	122.7	3097.8	3,097.8	1.15	37.4	1138.5	1,309.3						-13,931.0
151+50.00	1.00	147.0	2605.8	2,605.8	1.15	32.1	670.4	771.0						-12,096.2
151+53.01	1.00	148.9	445.4	445.4	1.15	31.5	95.6	109.9	1.00	15390.0	15,390.0	1.15	3169.6	3,645.0	-15.8

Total:	114,991.7	120,542.4	65,070.0	59,535.0
Grand Total:	180,061.7	180,077.4		

Check Volume Mainline West of Bridge(CY)	837	4,332	365	1,665
Check Volume Mainline East of Bridge(CY)	3,422	133	2,045	540
Check Volume Total Mainline (CY)	4,259	4,465	2,410	2,205
Check Volume Mainline incl. Add Grading (CY)	6,669	6,670		
Check Volume Mainline Grading Summary	6,669	6,670		