

SDDOT Volumes Report

Report Created: 4/30/2025

Time: 3:50pm

Cross Section Set
Name: mainline_1

Alignment Name: mainline

Input Grid Factor: 1.000000

Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
25+50.00							0.00
	Normal Cut:	86.4	0.00	1.00	0.00	Yes	
	Normal Fill:	2.7	0.00	1.25	0.00	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	2.7	0.00	1.25	0.00	Yes	
	UndercutA (MDC Cut):	72.1	0.00	1.00	0.00	Yes	
	UndercutA (MDC Fill):	72.1	0.00	1.25	0.00	Yes	
26+00.00							31.84
	Normal Cut:	81.7	155.66	1.00	155.66	Yes	
	Normal Fill:	36.2	35.99	1.25	44.98	Yes	
	Added Cut:		-34.70	1.00	-34.70	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	6.6	8.57	1.25	10.71	Yes	
	UndercutA (MDC Cut):	72.2	133.69	1.00	133.69	Yes	
	UndercutA (MDC Fill):	72.2	133.69	1.25	167.11	Yes	
27+00.00							73.61
	Normal Cut:	89.7	317.40	1.00	317.40	Yes	
	Normal Fill:	11.1	87.52	1.25	109.40	Yes	
	Added Cut:		-69.41	1.00	-69.41	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	6.3	23.84	1.25	29.80	Yes	
	UndercutA (MDC Cut):	72.5	268.08	1.00	268.08	Yes	
	UndercutA (MDC Fill):	72.5	268.08	1.25	335.10	Yes	
28+00.00							24.44
	Normal Cut:	159.8	462.05	1.00	462.05	Yes	
	Normal Fill:	81.7	171.82	1.25	214.77	Yes	
	Added Cut:		-69.41	1.00	-69.41	Yes	
	Added Fill:		135.00	1.00	135.00	Yes	
	UndercutA (Fill):	4.1	19.22	1.25	24.03	Yes	
	UndercutA (MDC Cut):	74.4	272.03	1.00	272.03	Yes	
	UndercutA (MDC Fill):	74.4	272.03	1.25	340.04	Yes	

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
29+00.00							2673.78
	Normal Cut:	67.8	421.61	1.00	421.61	Yes	
	Normal Fill:	76.2	292.45	1.25	365.57	Yes	
	Added Cut:		-69.41	1.00	-69.41	Yes	
	Added Fill:		-2770.20	1.00	-2770.20	Yes	
	UndercutA (Fill):	14.8	35.01	1.25	43.77	Yes	
	UndercutA (MDC Cut):	63.3	254.93	1.00	254.93	Yes	
	UndercutA (MDC Fill):	63.3	254.93	1.25	318.66	Yes	
30+00.00							2193.61
	Normal Cut:	95.9	303.20	1.00	303.20	Yes	
	Normal Fill:	18.6	175.64	1.25	219.54	Yes	
	Added Cut:		-69.41	1.00	-69.41	Yes	
	Added Fill:		386.10	1.00	386.10	Yes	
	UndercutA (Fill):	4.5	35.80	1.25	44.75	Yes	
	UndercutA (MDC Cut):	74.0	254.27	1.00	254.27	Yes	
	UndercutA (MDC Fill):	74.0	254.27	1.25	317.83	Yes	
31+00.00							1913.68
	Normal Cut:	89.5	341.65	1.00	341.65	Yes	
	Normal Fill:	13.5	59.90	1.25	74.88	Yes	
	Added Cut:		-69.41	1.00	-69.41	Yes	
	Added Fill:		386.10	1.00	386.10	Yes	
	UndercutA (Fill):	5.5	18.64	1.25	23.30	Yes	
	UndercutA (MDC Cut):	73.3	271.56	1.00	271.56	Yes	
	UndercutA (MDC Fill):	73.3	271.56	1.25	339.45	Yes	
32+00.00							2439.43
	Normal Cut:	71.4	296.94	1.00	296.94	Yes	
	Normal Fill:	24.7	69.21	1.25	86.51	Yes	
	Added Cut:		410.59	1.00	410.59	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	6.9	22.61	1.25	28.26	Yes	
	UndercutA (MDC Cut):	71.9	268.01	1.00	268.01	Yes	
	UndercutA (MDC Fill):	71.9	268.01	1.25	335.01	Yes	
33+00.00							2131.25
	Normal Cut:	57.3	237.86	1.00	237.86	Yes	
	Normal Fill:	130.3	278.41	1.25	348.02	Yes	
	Added Cut:		-9.71	1.00	-9.71	Yes	
	Added Fill:		80.59	1.00	80.59	Yes	
	UndercutA (Fill):	12.5	35.07	1.25	43.83	Yes	
	UndercutA (MDC Cut):	66.3	255.56	1.00	255.56	Yes	
	UndercutA (MDC Fill):	66.3	255.56	1.25	319.44	Yes	

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
33+17.00							2026.25
	Normal Cut:	55.7	35.51	1.00	35.51	Yes	
	Normal Fill:	142.0	83.36	1.25	104.19	Yes	
	Added Cut:		-1.65	1.00	-1.65	Yes	
	Added Fill:		13.70	1.00	13.70	Yes	
	UndercutA (Fill):	15.4	8.62	1.25	10.77	Yes	
	UndercutA (MDC Cut):	63.4	40.79	1.00	40.79	Yes	
	UndercutA (MDC Fill):	63.4	40.79	1.25	50.99	Yes	
34+00.00							1713.24
	Normal Cut:	58.4	174.94	1.00	174.94	Yes	
	Normal Fill:	30.7	258.52	1.25	323.14	Yes	
	Added Cut:		-8.06	1.00	-8.06	Yes	
	Added Fill:		66.89	1.00	66.89	Yes	
	UndercutA (Fill):	5.8	32.05	1.25	40.06	Yes	
	UndercutA (MDC Cut):	66.4	199.18	1.00	199.18	Yes	
	UndercutA (MDC Fill):	66.4	199.18	1.25	248.97	Yes	
35+00.00							1732.13
	Normal Cut:	81.1	257.47	1.00	257.47	Yes	
	Normal Fill:	7.8	69.89	1.25	87.37	Yes	
	Added Cut:		-69.41	1.00	-69.41	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	1.7	13.76	1.25	17.20	Yes	
	UndercutA (MDC Cut):	73.5	258.43	1.00	258.43	Yes	
	UndercutA (MDC Fill):	73.5	258.43	1.25	323.04	Yes	
36+00.00							1879.47
	Normal Cut:	90.4	316.57	1.00	316.57	Yes	
	Normal Fill:	1.0	16.64	1.25	20.80	Yes	
	Added Cut:		-69.41	1.00	-69.41	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	2.7	8.15	1.25	10.19	Yes	
	UndercutA (MDC Cut):	75.6	275.34	1.00	275.34	Yes	
	UndercutA (MDC Fill):	75.6	275.34	1.25	344.17	Yes	
37+00.00							1998.80
	Normal Cut:	89.3	332.90	1.00	332.90	Yes	
	Normal Fill:	25.3	48.77	1.25	60.96	Yes	
	Added Cut:		-69.41	1.00	-69.41	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	3.7	11.77	1.25	14.72	Yes	
	UndercutA (MDC Cut):	72.4	273.94	1.00	273.94	Yes	
	UndercutA (MDC Fill):	72.4	273.94	1.25	342.42	Yes	

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
38+00.00							2059.57
	Normal Cut:	81.5	316.40	1.00	316.40	Yes	
	Normal Fill:	17.6	79.38	1.25	99.22	Yes	
	Added Cut:		-69.41	1.00	-69.41	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	5.7	17.47	1.25	21.84	Yes	
	UndercutA (MDC Cut):	68.4	260.64	1.00	260.64	Yes	
	UndercutA (MDC Fill):	68.4	260.64	1.25	325.80	Yes	
39+00.00							0.00
	Normal Cut:	87.2	312.45	1.00	312.45	Yes	
	Normal Fill:	0.6	33.69	1.25	42.11	Yes	
	Added Cut:		-2249.75	1.00	-2249.75	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	1.1	12.64	1.25	15.79	Yes	
	UndercutA (MDC Cut):	70.7	257.49	1.00	257.49	Yes	
	UndercutA (MDC Fill):	70.7	257.49	1.25	321.86	Yes	
Totals:							
	Normal Cut:		4282.61		4282.61		
	Normal Fill:		1761.17		2201.47		
	Added Cut:		-2517.95		-2517.95		
	Added Fill:		-1701.82		-1701.82		
	UndercutA (Fill):		303.22		379.03		
	UndercutA (MDC Cut):		3543.92		3543.92		
	UndercutA (MDC Fill):		3543.92		4429.90		

SDDOT Volumes Report

Report Created: 3/11/2025

Time: 9:33am

Cross Section Set
Name: Div

Alignment Name: Div

Input Grid Factor: 1.000000

Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
25+00.00							0.00
	Normal Cut:	0.0	0.00	1.00	0.00	Yes	
	Normal Fill:	4.2	0.00	1.25	0.00	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
26+00.00							-16.82
	Normal Cut:	0.0	0.00	1.00	0.00	Yes	
	Normal Fill:	3.0	13.46	1.25	16.82	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
27+00.00							-29.63
	Normal Cut:	0.0	0.01	1.00	0.01	Yes	
	Normal Fill:	2.5	10.26	1.25	12.82	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
28+00.00							-43.98
	Normal Cut:	0.0	0.01	1.00	0.01	Yes	
	Normal Fill:	3.7	11.48	1.25	14.35	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
29+00.00							-63.55
	Normal Cut:	0.0	0.00	1.00	0.00	Yes	
	Normal Fill:	4.8	15.66	1.25	19.58	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
30+00.00							-86.19
	Normal Cut:	0.0	0.02	1.00	0.02	Yes	
	Normal Fill:	5.0	18.13	1.25	22.66	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
31+00.00							-101.39
	Normal Cut:	0.3	0.53	1.00	0.53	Yes	
	Normal Fill:	1.7	12.59	1.25	15.73	Yes	

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
32+00.00							-107.72
	Normal Cut:	0.2	0.93	1.00	0.93	Yes	
	Normal Fill:	1.4	5.81	1.25	7.27	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
33+00.00							-113.59
	Normal Cut:	0.1	0.67	1.00	0.67	Yes	
	Normal Fill:	1.4	5.23	1.25	6.54	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
34+00.00							-122.08
	Normal Cut:	0.0	0.26	1.00	0.26	Yes	
	Normal Fill:	2.4	7.00	1.25	8.75	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
35+00.00							-130.22
	Normal Cut:	0.0	0.02	1.00	0.02	Yes	
	Normal Fill:	1.1	6.52	1.25	8.16	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
Totals:							
	Normal Cut:		2.45		2.45		
	Normal Fill:		106.14		132.67		
	Added Cut:		0.00		0.00		
	Added Fill:		0.00		0.00		