

SDDOT Volumes Report

Report Created: 2/24/2026

Time: 9:26am

Cross Section Set Name: mainline_7

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
232+73.10							0.00
	Normal Cut:	109.96	0.00	1.00	0.00	Yes	
	Normal Fill:	2.46	0.00	1.20	0.00	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	0.00	0.00	1.20	0.00	No	
	Subgrade:	0.00	0.00	1.20	0.00	No	
	Finish:	75.92	0.00	1.20	0.00	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	137.39	0.00	1.00	0.00	Yes	
	UndercutA (MDC Fill):	137.39	0.00	1.20	0.00	Yes	
232+92.00							-268.05
	Normal Cut:	112.28	77.78	1.00	77.78	Yes	
	Normal Fill:	1.45	1.37	1.20	1.64	Yes	
	Added Cut:		-324.96	1.00	-324.96	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	0.00	0.00	1.20	0.00	No	
	Subgrade:	0.00	0.00	1.20	0.00	No	
	Finish:	75.92	53.14	1.20	63.77	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	137.39	96.17	1.00	96.17	Yes	
	UndercutA (MDC Fill):	137.39	96.17	1.20	115.41	Yes	
233+00.00							-380.76
	Normal Cut:	113.38	33.43	1.00	33.43	Yes	
	Normal Fill:	1.08	0.37	1.20	0.45	Yes	
	Added Cut:		-137.55	1.00	-137.55	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	0.00	0.00	1.20	0.00	No	
	Subgrade:	0.00	0.00	1.20	0.00	No	
	Finish:	75.92	22.49	1.20	26.99	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	137.39	40.71	1.00	40.71	Yes	

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
UndercutA (MDC Fill):		137.39	40.71	1.20	48.85	Yes	
233+19.96							-662.52
Normal Cut:		108.52	82.02	1.00	82.02	Yes	
Normal Fill:		2.45	1.31	1.20	1.57	Yes	
Added Cut:			-343.18	1.00	-343.18	Yes	
Added Fill:			0.00	1.00	0.00	Yes	
Sidewalk:		1.66	0.61	1.20	0.74	No	
Subgrade:		1.98	0.73	1.20	0.88	No	
Finish:		70.08	53.97	1.20	64.76	No	
UndercutA (Fill):		0.00	0.00	1.20	0.00	Yes	
UndercutA (MDC Cut):		120.04	95.15	1.00	95.15	Yes	
UndercutA (MDC Fill):		120.04	95.15	1.20	114.18	Yes	
234+00.00							-1799.06
Normal Cut:		101.10	310.71	1.00	310.71	Yes	
Normal Fill:		0.39	4.21	1.20	5.06	Yes	
Added Cut:			-1376.18	1.00	-1376.18	Yes	
Added Fill:			0.00	1.00	0.00	Yes	
Sidewalk:		3.31	7.37	1.20	8.84	No	
Subgrade:		3.76	8.51	1.20	10.21	No	
Finish:		64.17	198.98	1.20	238.78	No	
UndercutA (Fill):		0.00	0.00	1.20	0.00	Yes	
UndercutA (MDC Cut):		102.68	330.11	1.00	330.11	Yes	
UndercutA (MDC Fill):		102.68	330.11	1.20	396.14	Yes	
234+13.00							-1760.14
Normal Cut:		102.53	49.02	1.00	49.02	Yes	
Normal Fill:		0.33	0.17	1.20	0.21	Yes	
Added Cut:			0.00	1.00	0.00	Yes	
Added Fill:			0.00	1.00	0.00	Yes	
Sidewalk:		3.31	1.59	1.20	1.91	No	
Subgrade:		3.72	1.80	1.20	2.16	No	
Finish:		64.17	30.89	1.20	37.07	No	
UndercutA (Fill):		0.00	0.00	1.20	0.00	Yes	
UndercutA (MDC Cut):		102.68	49.44	1.00	49.44	Yes	
UndercutA (MDC Fill):		102.68	49.44	1.20	59.33	Yes	
234+42.00							-1672.41
Normal Cut:		104.70	111.29	1.00	111.29	Yes	
Normal Fill:		2.01	1.26	1.20	1.51	Yes	
Added Cut:			0.00	1.00	0.00	Yes	
Added Fill:			0.00	1.00	0.00	Yes	

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
		3.31	3.56	1.20	4.27	No	
	Subgrade:	3.72	3.99	1.20	4.79	No	
	Finish:	64.17	68.92	1.20	82.70	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	110.29	1.00	110.29	Yes	
	UndercutA (MDC Fill):	102.68	110.29	1.20	132.34	Yes	
234+62.00							-1617.02
	Normal Cut:	91.72	72.75	1.00	72.75	Yes	
	Normal Fill:	2.84	1.80	1.20	2.16	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	3.31	2.45	1.20	2.94	No	
	Subgrade:	3.95	2.84	1.20	3.41	No	
	Finish:	64.17	47.53	1.20	57.04	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	76.06	1.00	76.06	Yes	
	UndercutA (MDC Fill):	102.68	76.06	1.20	91.27	Yes	
235+00.00							-1519.86
	Normal Cut:	94.08	130.75	1.00	130.75	Yes	
	Normal Fill:	2.70	3.90	1.20	4.68	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	4.05	5.18	1.20	6.22	No	
	Subgrade:	3.95	5.56	1.20	6.68	No	
	Finish:	64.17	90.31	1.20	108.37	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	144.51	1.00	144.51	Yes	
	UndercutA (MDC Fill):	102.68	144.51	1.20	173.42	Yes	
236+00.00							-1259.53
	Normal Cut:	93.95	348.20	1.00	348.20	Yes	
	Normal Fill:	2.62	9.85	1.20	11.82	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	3.31	13.64	1.20	16.37	No	
	Subgrade:	3.95	14.64	1.20	17.57	No	
	Finish:	64.17	237.65	1.20	285.18	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	380.30	1.00	380.30	Yes	
	UndercutA (MDC Fill):	102.68	380.30	1.20	456.36	Yes	

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
236+24.62							-1195.85
	Normal Cut:	93.30	85.37	1.00	85.37	Yes	
	Normal Fill:	2.81	2.47	1.20	2.97	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	3.31	3.02	1.20	3.62	No	
	Subgrade:	3.95	3.60	1.20	4.33	No	
	Finish:	64.17	58.51	1.20	70.21	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	93.63	1.00	93.63	Yes	
	UndercutA (MDC Fill):	102.68	93.63	1.20	112.35	Yes	
236+66.00							-1083.81
	Normal Cut:	99.76	147.94	1.00	147.94	Yes	
	Normal Fill:	2.00	3.68	1.20	4.42	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	3.31	5.08	1.20	6.09	No	
	Subgrade:	3.95	6.06	1.20	7.27	No	
	Finish:	64.17	98.34	1.20	118.01	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	157.37	1.00	157.37	Yes	
	UndercutA (MDC Fill):	102.68	157.37	1.20	188.84	Yes	
237+00.00							-989.08
	Normal Cut:	96.96	123.86	1.00	123.86	Yes	
	Normal Fill:	2.33	2.73	1.20	3.27	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	3.31	4.17	1.20	5.00	No	
	Subgrade:	3.84	4.91	1.20	5.89	No	
	Finish:	64.17	80.80	1.20	96.96	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	129.30	1.00	129.30	Yes	
	UndercutA (MDC Fill):	102.68	129.30	1.20	155.16	Yes	
237+07.28							-969.57
	Normal Cut:	95.04	25.88	1.00	25.88	Yes	
	Normal Fill:	2.84	0.70	1.20	0.84	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	3.31	0.89	1.20	1.07	No	
	Subgrade:	3.95	1.05	1.20	1.26	No	

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
		64.17	17.30	1.20	20.76	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	27.69	1.00	27.69	Yes	
	UndercutA (MDC Fill):	102.68	27.69	1.20	33.22	Yes	
237+58.00							-839.49
	Normal Cut:	89.98	173.78	1.00	173.78	Yes	
	Normal Fill:	1.70	4.26	1.20	5.12	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	3.31	6.22	1.20	7.47	No	
	Subgrade:	3.72	7.21	1.20	8.65	No	
	Finish:	64.17	120.54	1.20	144.64	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	192.89	1.00	192.89	Yes	
	UndercutA (MDC Fill):	102.68	192.89	1.20	231.46	Yes	
238+00.00							-741.73
	Normal Cut:	81.94	133.72	1.00	133.72	Yes	
	Normal Fill:	2.60	3.35	1.20	4.02	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	3.31	5.15	1.20	6.18	No	
	Subgrade:	3.72	5.79	1.20	6.94	No	
	Finish:	64.17	99.81	1.20	119.78	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	159.72	1.00	159.72	Yes	
	UndercutA (MDC Fill):	102.68	159.72	1.20	191.67	Yes	
238+14.00							-711.65
	Normal Cut:	81.52	42.38	1.00	42.38	Yes	
	Normal Fill:	2.69	1.37	1.20	1.65	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	3.31	1.72	1.20	2.06	No	
	Subgrade:	3.72	1.93	1.20	2.31	No	
	Finish:	64.17	33.27	1.20	39.93	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	53.24	1.00	53.24	Yes	
	UndercutA (MDC Fill):	102.68	53.24	1.20	63.89	Yes	
238+68.00							-599.36
	Normal Cut:						

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
		79.12	160.64	1.00	160.64	Yes	
	Normal Fill:	3.38	6.07	1.20	7.28	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	3.31	6.62	1.20	7.95	No	
	Subgrade:	3.95	7.67	1.20	9.21	No	
	Finish:	64.17	128.33	1.20	154.00	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	205.36	1.00	205.36	Yes	
	UndercutA (MDC Fill):	102.68	205.36	1.20	246.43	Yes	
239+00.00							-532.66
	Normal Cut:	82.19	95.59	1.00	95.59	Yes	
	Normal Fill:	3.03	3.80	1.20	4.56	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	3.31	3.92	1.20	4.71	No	
	Subgrade:	3.95	4.69	1.20	5.62	No	
	Finish:	64.17	76.05	1.20	91.26	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	121.69	1.00	121.69	Yes	
	UndercutA (MDC Fill):	102.68	121.69	1.20	146.03	Yes	
239+55.00							-411.40
	Normal Cut:	83.58	168.83	1.00	168.83	Yes	
	Normal Fill:	1.66	4.78	1.20	5.73	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	3.31	6.75	1.20	8.10	No	
	Subgrade:	3.49	7.58	1.20	9.09	No	
	Finish:	64.17	130.71	1.20	156.85	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	209.16	1.00	209.16	Yes	
	UndercutA (MDC Fill):	102.68	209.16	1.20	251.00	Yes	
239+68.00							-381.94
	Normal Cut:	83.75	40.28	1.00	40.28	Yes	
	Normal Fill:	1.57	0.78	1.20	0.93	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	3.31	1.59	1.20	1.91	No	
	Subgrade:	3.49	1.68	1.20	2.01	No	
	Finish:	64.17	30.89	1.20	37.07	No	

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
		0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	49.44	1.00	49.44	Yes	
	UndercutA (MDC Fill):	102.68	49.44	1.20	59.33	Yes	
240+00.00							-311.05
	Normal Cut:	83.06	98.85	1.00	98.85	Yes	
	Normal Fill:	3.53	3.02	1.20	3.63	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	3.31	3.92	1.20	4.71	No	
	Subgrade:	3.95	4.41	1.20	5.29	No	
	Finish:	64.17	76.05	1.20	91.26	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	121.69	1.00	121.69	Yes	
	UndercutA (MDC Fill):	102.68	121.69	1.20	146.03	Yes	
240+03.00							-304.57
	Normal Cut:	83.14	9.23	1.00	9.23	Yes	
	Normal Fill:	3.48	0.39	1.20	0.47	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	3.31	0.37	1.20	0.44	No	
	Subgrade:	3.95	0.44	1.20	0.53	No	
	Finish:	64.17	7.13	1.20	8.56	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	11.41	1.00	11.41	Yes	
	UndercutA (MDC Fill):	102.68	11.41	1.20	13.69	Yes	
240+34.00							-237.09
	Normal Cut:	82.70	95.21	1.00	95.21	Yes	
	Normal Fill:	2.55	3.46	1.20	4.15	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	3.31	3.80	1.20	4.56	No	
	Subgrade:	3.72	4.40	1.20	5.29	No	
	Finish:	64.17	73.67	1.20	88.41	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	117.89	1.00	117.89	Yes	
	UndercutA (MDC Fill):	102.68	117.89	1.20	141.47	Yes	
241+00.00							-96.38
	Normal Cut:	81.38	200.55	1.00	200.55	Yes	
	Normal Fill:	4.03	8.04	1.20	9.65	Yes	

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
			0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	3.31	8.10	1.20	9.71	No	
	Subgrade:	3.95	9.38	1.20	11.25	No	
	Finish:	64.17	156.85	1.20	188.22	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	251.00	1.00	251.00	Yes	
	UndercutA (MDC Fill):	102.68	251.00	1.20	301.19	Yes	
241+22.40							-50.25
	Normal Cut:	81.01	67.37	1.00	67.37	Yes	
	Normal Fill:	4.40	3.50	1.20	4.20	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	3.31	2.75	1.20	3.30	No	
	Subgrade:	3.95	3.28	1.20	3.94	No	
	Finish:	64.17	53.23	1.20	63.88	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	85.19	1.00	85.19	Yes	
	UndercutA (MDC Fill):	102.68	85.19	1.20	102.22	Yes	
241+49.00							-0.00
	Normal Cut:	80.35	79.49	1.00	79.49	Yes	
	Normal Fill:	10.84	7.51	1.20	9.01	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	Sidewalk:	3.31	3.26	1.20	3.92	No	
	Subgrade:	3.95	3.89	1.20	4.67	No	
	Finish:	64.17	63.21	1.20	75.86	No	
	UndercutA (Fill):	0.00	0.00	1.20	0.00	Yes	
	UndercutA (MDC Cut):	102.68	101.16	1.00	101.16	Yes	
	UndercutA (MDC Fill):	102.68	101.16	1.20	121.39	Yes	
Totals:							
	Normal Cut:		2964.94		2964.94		
	Normal Fill:		84.13		100.96		
	Added Cut:		-2181.87		-2181.87		
	Added Fill:		0.00		0.00		
	Sidewalk:		101.75		122.09	No	
	Subgrade:		116.05		139.26	No	
	Finish:		2108.58		2530.29	No	
	UndercutA (Fill):		0.00		0.00		

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
			3410.57		3410.57		
UndercutA (MDC Fill):			3410.57		4092.68		