

SDDOT Volumes Report

Report Created: 3/3/2025

Time: 2:54pm

Cross Section Set Name: mainline MRM 214.90_2

Alignment Name: mainline MRM 214.90

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
0+00.00							0.00
	Normal Cut:	0.00	0.00	1.00	0.00	Yes	
	Normal Fill:	0.00	0.00	1.00	0.00	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA:	0.00	0.00	1.25	0.00	Yes	
1+00.00							36.28
	Normal Cut:	180.50	334.27	1.00	334.27	Yes	
	Normal Fill:	9.25	17.13	1.00	17.13	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA:	121.33	224.68	1.25	280.85	Yes	
2+00.00							111.23
	Normal Cut:	185.33	677.48	1.00	677.48	Yes	
	Normal Fill:	12.72	40.68	1.00	40.68	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA:	121.39	449.48	1.25	561.85	Yes	
3+00.00							176.38
	Normal Cut:	179.11	674.89	1.00	674.89	Yes	
	Normal Fill:	13.06	47.73	1.00	47.73	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA:	121.39	449.60	1.25	562.00	Yes	

Totals:

Normal Cut:	1686.63	1686.63
Normal Fill:	105.54	105.54

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
Added Cut:			0.00		0.00		
Added Fill:			0.00		0.00		
UndercutA:			1123.76		1404.71	Yes	

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Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
3+00.00							0.00
Normal Cut:		179.11	0.00	1.00	0.00	Yes	
Normal Fill:		13.06	0.00	1.00	0.00	Yes	
Added Cut:			0.00	1.00	0.00	Yes	
Added Fill:			0.00	1.00	0.00	Yes	
UndercutA:		121.39	0.00	1.25	0.00	Yes	
4+00.00							-4840.81
Normal Cut:		0.00	331.68	1.00	331.68	Yes	
Normal Fill:		901.16	1692.99	1.00	1692.99	Yes	
Added Cut:			0.00	1.00	0.00	Yes	
Added Fill:			2334.00	1.25	2917.50	Yes	
UndercutA:		121.39	449.60	1.25	562.00	Yes	
5+00.00							-6692.65
Normal Cut:		204.64	378.97	1.00	378.97	Yes	
Normal Fill:		0.00	1668.81	1.00	1668.81	Yes	
Added Cut:			0.00	1.00	0.00	Yes	
Added Fill:			0.00	1.00	0.00	Yes	
UndercutA:		121.39	449.60	1.25	562.00	Yes	
6+00.00							-6497.31
Normal Cut:		204.32	757.34	1.00	757.34	Yes	
Normal Fill:		0.00	0.00	1.00	0.00	Yes	
Added Cut:			0.00	1.00	0.00	Yes	

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
Added Fill:			0.00	1.00	0.00	Yes	
UndercutA:		121.39	449.60	1.25	562.00	Yes	

7+00.00 -176.38

Normal Cut:		0.00	378.37	1.00	378.37	Yes	
Normal Fill:		0.00	0.00	1.00	0.00	Yes	
Added Cut:			6223.56	1.00	6223.56	Yes	
Added Fill:			0.00	1.00	0.00	Yes	
UndercutA:		0.00	224.80	1.25	281.00	Yes	

Totals:

Normal Cut:			1846.35		1846.35		
Normal Fill:			3361.81		3361.81		
Added Cut:			6223.56		6223.56		
Added Fill:			2334.00		2917.50		
UndercutA:			1573.59		1966.99	Yes	

SDDOT Volumes Report

Report Created: 2/27/2025
Time: 2:14pm

Cross Section Set Name: mainline MRM 216.66_9

Alignment Name: mainline MRM 216.66

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
90+00.00							0.00
Normal Cut:		0.00	0.00	1.00	0.00	Yes	
Normal Fill:		0.00	0.00	1.00	0.00	Yes	
Added Cut:			0.00	1.00	0.00	Yes	
Added Fill:			0.00	1.00	0.00	Yes	
UndercutA:		0.00	0.00	1.30	0.00	Yes	
91+00.00							-2506.69
Normal Cut:		208.93	386.90	1.00	386.90	Yes	
Normal Fill:		0.00	0.00	1.00	0.00	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:		2000.00	1.30	2600.00	Yes	
	UndercutA:	121.95	225.84	1.30	293.59	Yes	
92+00.00							-2386.30
	Normal Cut:	198.67	754.80	1.00	754.80	Yes	
	Normal Fill:	8.17	15.13	1.00	15.13	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA:	135.29	476.37	1.30	619.28	Yes	
93+00.00							-2372.47
	Normal Cut:	176.78	695.27	1.00	695.27	Yes	
	Normal Fill:	2.26	19.32	1.00	19.32	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA:	139.75	509.33	1.30	662.12	Yes	
93+74.05							-2201.29
	Normal Cut:	313.63	672.47	1.00	672.47	Yes	
	Normal Fill:	0.00	3.10	1.00	3.10	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA:	139.73	383.23	1.30	498.20	Yes	
94+00.00							-2118.04
	Normal Cut:	217.34	255.18	1.00	255.18	Yes	
	Normal Fill:	0.09	0.04	1.00	0.04	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA:	135.39	132.22	1.30	171.89	Yes	
94+96.57							-3015.67
	Normal Cut:	0.00	388.67	1.00	388.67	Yes	
	Normal Fill:	543.17	971.53	1.00	971.53	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA:	0.00	242.12	1.30	314.76	Yes	
95+00.00							-3015.67
	Normal Cut:	0.00	0.00	1.00	0.00	Yes	
	Normal Fill:	626.89	0.00	1.00	0.00	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	
	UndercutA:	0.00	0.00	1.30	0.00	Yes	
96+00.00							-3015.67
	Normal Cut:	0.00	0.00	1.00	0.00	Yes	
	Normal Fill:	700.96	0.00	1.00	0.00	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA:	0.00	0.00	1.30	0.00	Yes	
96+93.90							-3015.67
	Normal Cut:	139.21	0.00	1.00	0.00	Yes	
	Normal Fill:	53.62	0.00	1.00	0.00	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA:	128.39	0.00	1.30	0.00	Yes	
97+00.00							-3032.29
	Normal Cut:	153.12	33.02	1.00	33.02	Yes	
	Normal Fill:	52.08	11.94	1.00	11.94	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA:	128.39	29.01	1.30	37.71	Yes	
98+00.00							-3225.19
	Normal Cut:	185.85	627.73	1.00	627.73	Yes	
	Normal Fill:	35.70	162.54	1.00	162.54	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA:	144.97	506.22	1.30	658.08	Yes	
99+00.00							-3433.80
	Normal Cut:	175.99	670.08	1.00	670.08	Yes	
	Normal Fill:	70.77	197.16	1.00	197.16	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA:	138.13	524.25	1.30	681.52	Yes	
100+00.00							-2.98
	Normal Cut:	180.16	659.53	1.00	659.53	Yes	
	Normal Fill:	17.91	164.22	1.00	164.22	Yes	

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
	Added Cut:		3565.53	1.00	3565.53	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA:	123.57	484.63	1.30	630.02	Yes	

Balance Station

100+99.92	0.00
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101+00.00	0.00
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Normal Cut:	0.00	333.63	1.00	333.63	Yes
Normal Fill:	0.00	33.16	1.00	33.16	Yes
Added Cut:		0.00	1.00	0.00	Yes
Added Fill:		0.00	1.00	0.00	Yes
UndercutA:	0.00	228.84	1.30	297.49	Yes

Totals:

Normal Cut:	5477.29	5477.29	
Normal Fill:	1578.15	1578.15	
Added Cut:	3565.53	3565.53	
Added Fill:	2000.00	2600.00	
UndercutA:	3742.05	4864.67	Yes