

P-B 016A(10)37 PCN 04G1

SDDOT Volumes Report

Report Created: 3/24/2023
Time: 11:10am

Cross Section Set Name: Mainline_9

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
8+00.00							0.00
	Normal Cut:	67.69	0.00	1.00	0.00	Yes	
	Normal Fill:	0.00	0.00	1.30	0.00	Yes	
	Added Cut:		0.00	1.00	0.00	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	0.00	0.00	1.30	0.00	Yes	
	UndercutA (MDC Cut):	96.57	0.00	1.00	0.00	Yes	
	UndercutA (MDC Fill):	96.57	0.00	1.30	0.00	Yes	
8+25.00							16.05
	Normal Cut:	70.81	64.12	1.00	64.12	Yes	
	Normal Fill:	0.00	0.00	1.30	0.00	Yes	
	Added Cut:		-21.24	1.00	-21.24	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	0.00	0.00	1.30	0.00	Yes	
	UndercutA (MDC Cut):	96.61	89.43	1.00	89.43	Yes	
	UndercutA (MDC Fill):	96.61	89.43	1.30	116.26	Yes	
8+50.00							33.96
	Normal Cut:	71.75	66.00	1.00	66.00	Yes	
	Normal Fill:	0.00	0.00	1.30	0.00	Yes	
	Added Cut:		-21.24	1.00	-21.24	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	0.00	0.00	1.30	0.00	Yes	
	UndercutA (MDC Cut):	96.65	89.47	1.00	89.47	Yes	
	UndercutA (MDC Fill):	96.65	89.47	1.30	116.32	Yes	
8+75.00							51.38
	Normal Cut:	69.99	65.62	1.00	65.62	Yes	
	Normal Fill:	0.00	0.00	1.30	0.00	Yes	

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
	Added Cut:		-21.24	1.00	-21.24	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	0.25	0.11	1.30	0.15	Yes	
	UndercutA (MDC Cut):	96.41	89.38	1.00	89.38	Yes	
	UndercutA (MDC Fill):	96.41	89.38	1.30	116.19	Yes	

Balance Station

8+79.97 0.00

9+00.00 -206.84

	Normal Cut:	54.53	57.65	1.00	57.65	Yes
	Normal Fill:	436.93	202.28	1.30	262.97	Yes
	Added Cut:		-21.24	1.00	-21.24	Yes
	Added Fill:		0.00	1.00	0.00	Yes
	UndercutA (Fill):	10.16	4.82	1.30	6.26	Yes
	UndercutA (MDC Cut):	86.50	84.68	1.00	84.68	Yes
	UndercutA (MDC Fill):	86.50	84.68	1.30	110.08	Yes

9+25.00 -1115.88

	Normal Cut:	46.55	46.80	1.00	46.80	Yes
	Normal Fill:	1092.06	707.87	1.30	920.22	Yes
	Added Cut:		116.26	1.00	116.26	Yes
	Added Fill:		87.50	1.30	113.75	Yes
	UndercutA (Fill):	14.19	11.27	1.30	14.65	Yes
	UndercutA (MDC Cut):	82.47	78.22	1.00	78.22	Yes
	UndercutA (MDC Fill):	82.47	78.22	1.30	101.69	Yes

9+50.00 -2381.96

	Normal Cut:	45.98	42.84	1.00	42.84	Yes
	Normal Fill:	1022.55	978.99	1.30	1272.68	Yes
	Added Cut:		116.26	1.00	116.26	Yes
	Added Fill:		87.50	1.30	113.75	Yes
	UndercutA (Fill):	11.53	11.91	1.30	15.48	Yes
	UndercutA (MDC Cut):	85.03	77.55	1.00	77.55	Yes
	UndercutA (MDC Fill):	85.03	77.55	1.30	100.81	Yes

9+75.00 -3341.38

	Normal Cut:	48.05	43.54	1.00	43.54	Yes
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Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
	Normal Fill:	434.50	674.56	1.30	876.93	Yes	
	Added Cut:		116.26	1.00	116.26	Yes	
	Added Fill:		157.50	1.30	204.75	Yes	
	UndercutA (Fill):	10.33	10.12	1.30	13.15	Yes	
	UndercutA (MDC Cut):	90.52	81.27	1.00	81.27	Yes	
	UndercutA (MDC Fill):	90.52	81.27	1.30	105.66	Yes	
10+00.00							-3691.46
	Normal Cut:	53.93	47.22	1.00	47.22	Yes	
	Normal Fill:	173.65	281.55	1.30	366.02	Yes	
	Added Cut:		116.26	1.00	116.26	Yes	
	Added Fill:		87.50	1.30	113.75	Yes	
	UndercutA (Fill):	1.46	5.46	1.30	7.09	Yes	
	UndercutA (MDC Cut):	101.72	89.00	1.00	89.00	Yes	
	UndercutA (MDC Fill):	101.72	89.00	1.30	115.70	Yes	
10+25.00							-3739.42
	Normal Cut:	52.19	49.13	1.00	49.13	Yes	
	Normal Fill:	22.62	90.87	1.30	118.13	Yes	
	Added Cut:		48.76	1.00	48.76	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	0.17	0.75	1.30	0.98	Yes	
	UndercutA (MDC Cut):	90.83	89.15	1.00	89.15	Yes	
	UndercutA (MDC Fill):	90.83	89.15	1.30	115.89	Yes	
10+50.00							-3725.65
	Normal Cut:	114.21	77.04	1.00	77.04	Yes	
	Normal Fill:	3.85	12.25	1.30	15.93	Yes	
	Added Cut:		-21.24	1.00	-21.24	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	0.67	0.39	1.30	0.51	Yes	
	UndercutA (MDC Cut):	93.42	85.30	1.00	85.30	Yes	
	UndercutA (MDC Fill):	93.42	85.30	1.30	110.89	Yes	
10+75.00							-3544.55
	Normal Cut:	386.54	231.83	1.00	231.83	Yes	
	Normal Fill:	1.67	2.55	1.30	3.32	Yes	
	Added Cut:		-21.24	1.00	-21.24	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
UndercutA (Fill):		0.00	0.31	1.30	0.41	Yes	
UndercutA (MDC Cut):		92.06	85.87	1.00	85.87	Yes	
UndercutA (MDC Fill):		92.06	85.87	1.30	111.63	Yes	
11+00.00							-3028.84
Normal Cut:		830.24	563.32	1.00	563.32	Yes	
Normal Fill:		0.44	0.97	1.30	1.27	Yes	
Added Cut:			-21.24	1.00	-21.24	Yes	
Added Fill:			0.00	1.00	0.00	Yes	
UndercutA (Fill):		0.00	0.00	1.30	0.00	Yes	
UndercutA (MDC Cut):		88.73	83.70	1.00	83.70	Yes	
UndercutA (MDC Fill):		88.73	83.70	1.30	108.81	Yes	
11+25.00							-2203.83
Normal Cut:		1050.51	870.72	1.00	870.72	Yes	
Normal Fill:		0.02	0.21	1.30	0.28	Yes	
Added Cut:			-21.24	1.00	-21.24	Yes	
Added Fill:			0.00	1.00	0.00	Yes	
UndercutA (Fill):		0.00	0.00	1.30	0.00	Yes	
UndercutA (MDC Cut):		85.39	80.61	1.00	80.61	Yes	
UndercutA (MDC Fill):		85.39	80.61	1.30	104.79	Yes	
11+50.00							-1364.85
Normal Cut:		858.34	883.73	1.00	883.73	Yes	
Normal Fill:		0.00	0.01	1.30	0.01	Yes	
Added Cut:			-21.24	1.00	-21.24	Yes	
Added Fill:			0.00	1.00	0.00	Yes	
UndercutA (Fill):		0.00	0.00	1.30	0.00	Yes	
UndercutA (MDC Cut):		83.79	78.33	1.00	78.33	Yes	
UndercutA (MDC Fill):		83.79	78.33	1.30	101.82	Yes	
11+75.00							-739.93
Normal Cut:		588.25	669.72	1.00	669.72	Yes	
Normal Fill:		0.00	0.00	1.30	0.00	Yes	
Added Cut:			-21.24	1.00	-21.24	Yes	
Added Fill:			0.00	1.00	0.00	Yes	
UndercutA (Fill):		0.00	0.00	1.30	0.00	Yes	
UndercutA (MDC Cut):		85.79	78.51	1.00	78.51	Yes	
UndercutA (MDC Fill):		85.79	78.51	1.30	102.06	Yes	

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
12+00.00							-394.92
	Normal Cut:	255.31	390.54	1.00	390.54	Yes	
	Normal Fill:	0.00	0.00	1.30	0.00	Yes	
	Added Cut:		-21.24	1.00	-21.24	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	0.00	0.00	1.30	0.00	Yes	
	UndercutA (MDC Cut):	89.13	80.98	1.00	80.98	Yes	
	UndercutA (MDC Fill):	89.13	80.98	1.30	105.27	Yes	
12+25.00							-279.45
	Normal Cut:	94.47	161.94	1.00	161.94	Yes	
	Normal Fill:	0.00	0.00	1.30	0.00	Yes	
	Added Cut:		-21.24	1.00	-21.24	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	0.00	0.00	1.30	0.00	Yes	
	UndercutA (MDC Cut):	92.46	84.07	1.00	84.07	Yes	
	UndercutA (MDC Fill):	92.46	84.07	1.30	109.29	Yes	
12+50.00							-254.01
	Normal Cut:	62.29	72.58	1.00	72.58	Yes	
	Normal Fill:	0.21	0.10	1.30	0.13	Yes	
	Added Cut:		-21.24	1.00	-21.24	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	0.00	0.00	1.30	0.00	Yes	
	UndercutA (MDC Cut):	93.11	85.91	1.00	85.91	Yes	
	UndercutA (MDC Fill):	93.11	85.91	1.30	111.68	Yes	
12+75.00							-247.91
	Normal Cut:	53.47	53.59	1.00	53.59	Yes	
	Normal Fill:	0.94	0.53	1.30	0.69	Yes	
	Added Cut:		-21.24	1.00	-21.24	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	0.36	0.17	1.30	0.22	Yes	
	UndercutA (MDC Cut):	89.33	84.46	1.00	84.46	Yes	
	UndercutA (MDC Fill):	89.33	84.46	1.30	109.80	Yes	
13+00.00							-246.96
	Normal Cut:	49.69	47.76	1.00	47.76	Yes	

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
	Normal Fill:	0.51	0.67	1.30	0.87	Yes	
	Added Cut:		-21.24	1.00	-21.24	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	0.00	0.17	1.30	0.22	Yes	
	UndercutA (MDC Cut):	86.95	81.61	1.00	81.61	Yes	
	UndercutA (MDC Fill):	86.95	81.61	1.30	106.10	Yes	
13+25.00							-249.76
	Normal Cut:	46.33	44.45	1.00	44.45	Yes	
	Normal Fill:	2.44	1.36	1.30	1.77	Yes	
	Added Cut:		-21.24	1.00	-21.24	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	0.10	0.04	1.30	0.06	Yes	
	UndercutA (MDC Cut):	87.11	80.59	1.00	80.59	Yes	
	UndercutA (MDC Fill):	87.11	80.59	1.30	104.76	Yes	
13+50.00							-255.68
	Normal Cut:	49.19	44.22	1.00	44.22	Yes	
	Normal Fill:	5.19	3.53	1.30	4.59	Yes	
	Added Cut:		-21.24	1.00	-21.24	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	0.00	0.04	1.30	0.06	Yes	
	UndercutA (MDC Cut):	87.49	80.84	1.00	80.84	Yes	
	UndercutA (MDC Fill):	87.49	80.84	1.30	105.09	Yes	
13+75.00							-263.63
	Normal Cut:	46.63	44.36	1.00	44.36	Yes	
	Normal Fill:	5.93	5.15	1.30	6.69	Yes	
	Added Cut:		-21.24	1.00	-21.24	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	0.08	0.03	1.30	0.05	Yes	
	UndercutA (MDC Cut):	87.72	81.12	1.00	81.12	Yes	
	UndercutA (MDC Fill):	87.72	81.12	1.30	105.45	Yes	
14+00.00							-276.70
	Normal Cut:	43.69	41.81	1.00	41.81	Yes	
	Normal Fill:	7.77	6.34	1.30	8.25	Yes	
	Added Cut:		-21.24	1.00	-21.24	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
	UndercutA (Fill):	2.00	0.96	1.30	1.25	Yes	
	UndercutA (MDC Cut):	86.14	80.49	1.00	80.49	Yes	
	UndercutA (MDC Fill):	86.14	80.49	1.30	104.64	Yes	
14+25.00							-292.76
	Normal Cut:	46.14	41.59	1.00	41.59	Yes	
	Normal Fill:	7.96	7.28	1.30	9.47	Yes	
	Added Cut:		-21.24	1.00	-21.24	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	3.20	2.41	1.30	3.13	Yes	
	UndercutA (MDC Cut):	85.30	79.37	1.00	79.37	Yes	
	UndercutA (MDC Fill):	85.30	79.37	1.30	103.18	Yes	
14+50.00							-306.98
	Normal Cut:	49.23	44.15	1.00	44.15	Yes	
	Normal Fill:	7.70	7.25	1.30	9.42	Yes	
	Added Cut:		-21.24	1.00	-21.24	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	3.42	3.06	1.30	3.98	Yes	
	UndercutA (MDC Cut):	85.54	79.09	1.00	79.09	Yes	
	UndercutA (MDC Fill):	85.54	79.09	1.30	102.82	Yes	
14+75.00							-319.46
	Normal Cut:	50.39	46.12	1.00	46.12	Yes	
	Normal Fill:	8.24	7.38	1.30	9.59	Yes	
	Added Cut:		-21.24	1.00	-21.24	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	3.52	3.21	1.30	4.18	Yes	
	UndercutA (MDC Cut):	84.33	78.64	1.00	78.64	Yes	
	UndercutA (MDC Fill):	84.33	78.64	1.30	102.23	Yes	
14+85.00							-0.00
	Normal Cut:	50.64	18.71	1.00	18.71	Yes	
	Normal Fill:	4.86	2.42	1.30	3.15	Yes	
	Added Cut:		314.91	1.00	314.91	Yes	
	Added Fill:		0.00	1.00	0.00	Yes	
	UndercutA (Fill):	3.37	1.28	1.30	1.66	Yes	
	UndercutA (MDC Cut):	84.06	31.18	1.00	31.18	Yes	
	UndercutA (MDC Fill):	84.06	31.18	1.30	40.54	Yes	

Station	Type	Area	Volume	Factor	Adjusted Volume	Included in Mass Ordinate?	Mass Ordinate
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Totals:

Normal Cut:			4831.09		4831.09		
Normal Fill:			2994.14		3892.38		
Added Cut:			361.41		361.41		
Added Fill:			420.00		546.00		
UndercutA (Fill):			56.52		73.47		
UndercutA (MDC Cut):			2268.81		2268.81		
UndercutA (MDC Fill):			2268.81		2949.46		