

# Volume Report

## Project: 20-20-C American Avenue and Golden State Blvd Intersection Improvements

Alignment: American Ave.  
 Sample Line Group: American Ave  
 Start Sta: 114+50.000  
 End Sta: 134+50.000

Note: This volume calc. report includes S. Peach Ave. north of American Ave.

<u>Station</u>	<u>Cut Area</u> (Sq.ft.)	<u>Cut Volume</u> (Cu.yd.)	<u>Reusable Volume</u> (Cu.yd.)	<u>Fill Area</u> (Sq.ft.)	<u>Fill Volume</u> (Cu.yd.)	<u>Cum. Cut Vol.</u> (Cu.yd.)	<u>Cum. Reusable Vol.</u> (Cu.yd.)	<u>Cum. Fill Vol.</u> (Cu.yd.)	<u>Cum. Net Vol.</u> (Cu.yd.)
109+00.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109+25.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109+50.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109+75.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110+00.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110+25.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110+50.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110+75.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111+00.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111+25.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111+50.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111+75.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112+00.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112+25.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112+50.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112+75.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113+00.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113+25.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113+50.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113+75.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114+00.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114+25.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>114+50.000</b>	<b>48.25</b>	<b>22.34</b>	<b>22.34</b>	<b>0.04</b>	<b>0.02</b>	<b>22.34</b>	<b>22.34</b>	<b>0.02</b>	<b>22.32</b>
114+75.000	48.07	44.59	44.59	0.02	0.02	66.93	66.93	0.04	66.89
115+00.000	47.73	44.35	44.35	0.33	0.16	111.28	111.28	0.20	111.08
115+25.000	46.55	43.65	43.65	1.36	0.78	154.93	154.93	0.98	153.95

## Quantities Report

115+50.000	44.40	42.11	42.11	1.93	1.52	197.04	197.04	2.50	194.54
115+75.000	42.66	40.31	40.31	3.92	2.71	237.35	237.35	5.21	232.14
116+00.000	40.34	38.43	38.43	5.25	4.25	275.77	275.77	9.46	266.32
116+25.000	43.57	38.85	38.85	5.55	5.00	314.62	314.62	14.46	300.16
116+50.000	46.57	41.73	41.73	5.92	5.31	356.35	356.35	19.76	336.58
116+75.000	49.62	44.53	44.53	6.19	5.61	400.88	400.88	25.37	375.50
117+00.000	52.62	47.33	47.33	6.26	5.77	448.21	448.21	31.14	417.07
117+25.000	50.73	47.85	47.85	6.06	5.70	496.06	496.06	36.85	459.21
117+50.000	50.09	46.68	46.68	5.89	5.53	542.73	542.73	42.38	500.35
117+75.000	49.47	46.09	46.09	5.75	5.39	588.82	588.82	47.77	541.05
118+00.000	48.85	45.52	45.52	5.65	5.28	634.34	634.34	53.05	581.29
118+25.000	48.44	45.04	45.04	5.44	5.14	679.39	679.39	58.19	621.20
118+50.000	48.77	45.01	45.01	5.10	4.88	724.39	724.39	63.07	661.33
118+75.000	50.74	46.07	46.07	4.62	4.50	770.47	770.47	67.57	702.90
119+00.000	54.42	48.69	48.69	4.05	4.01	819.15	819.15	71.58	747.57
119+25.000	62.70	54.22	54.22	3.31	3.41	873.37	873.37	74.99	798.39
119+50.000	71.93	62.33	62.33	2.95	2.90	935.70	935.70	77.88	857.82
119+75.000	82.01	71.27	71.27	2.67	2.60	1006.97	1006.97	80.48	926.49
120+00.000	84.65	77.15	77.15	2.58	2.43	1084.13	1084.13	82.92	1001.21
120+25.000	80.51	76.46	76.46	2.78	2.49	1160.59	1160.59	85.40	1075.19
120+50.000	74.52	71.77	71.77	3.07	2.71	1232.36	1232.36	88.11	1144.25
120+75.000	68.42	66.18	66.18	3.77	3.16	1298.53	1298.53	91.28	1207.26
120+98.520	59.74	55.82	55.82	14.51	7.96	1354.35	1354.35	99.24	1255.12
121+34.000	92.54	100.06	100.06	23.93	25.26	1454.41	1454.41	124.49	1329.92
121+50.000	50.74	42.45	42.45	29.61	15.86	1496.86	1496.86	140.36	1356.51
121+75.000	31.08	37.88	37.88	38.94	31.73	1534.75	1534.75	172.09	1362.66
122+00.000	26.58	26.70	26.70	56.98	44.41	1561.44	1561.44	216.50	1344.95
122+30.851	27.80	31.07	31.07	33.75	51.84	1592.51	1592.51	268.33	1324.18
122+50.000	26.64	19.30	19.30	47.08	28.66	1611.81	1611.81	296.99	1314.82
122+80.000	27.42	30.03	30.03	49.05	53.40	1641.84	1641.84	350.40	1291.45
123+00.000	54.13	30.20	30.20	13.10	23.02	1672.04	1672.04	373.42	1298.63
123+25.000	13.01	31.08	31.08	4.06	7.94	1703.13	1703.13	381.36	1321.77
123+50.000	4.00	7.87	7.87	0.00	1.88	1711.00	1711.00	383.24	1327.76
123+75.000	0.00	1.85	1.85	0.00	0.00	1712.85	1712.85	383.24	1329.61
124+00.000	0.00	0.00	0.00	0.00	0.00	1712.85	1712.85	383.24	1329.61
124+25.000	0.00	0.00	0.00	0.00	0.00	1712.85	1712.85	383.24	1329.61
124+50.000	0.00	0.00	0.00	0.00	0.00	1712.85	1712.85	383.24	1329.61
124+75.000	0.00	0.00	0.00	147.78	68.42	1712.85	1712.85	451.65	1261.19
125+00.000	1.32	0.61	0.61	131.30	129.20	1713.46	1713.46	580.86	1132.60
125+29.247	13.74	8.16	8.16	238.73	200.41	1721.62	1721.62	781.27	940.35

## Quantities Report

125+50.000	18.61	12.43	12.43	192.23	165.63	1734.05	1734.05	946.90	787.15
125+67.340	2.66	6.83	6.83	190.61	122.94	1740.88	1740.88	1069.83	671.04
126+00.000	0.00	1.61	1.61	164.33	214.67	1742.48	1742.48	1284.51	457.98
126+15.101	0.00	0.00	0.00	218.47	107.05	1742.48	1742.48	1391.56	350.93
126+43.079	4.23	2.19	2.19	149.32	190.55	1744.67	1744.67	1582.10	162.57
126+75.000	0.00	2.50	2.50	124.93	162.12	1747.17	1747.17	1744.22	2.95
127+00.000	9.76	4.52	4.52	81.52	95.58	1751.69	1751.69	1839.80	-88.11
127+25.000	4.39	6.55	6.55	88.35	78.64	1758.24	1758.24	1918.45	-160.21
127+50.000	5.64	4.64	4.64	82.32	79.01	1762.89	1762.89	1997.46	-234.57
127+75.000	7.39	6.03	6.03	74.85	72.76	1768.92	1768.92	2070.22	-301.30
128+06.653	10.21	10.31	10.31	71.80	85.96	1779.23	1779.23	2156.19	-376.95
128+25.000	12.32	7.65	7.65	40.20	38.05	1786.89	1786.89	2194.24	-407.35
128+50.000	14.53	12.43	12.43	31.99	33.42	1799.32	1799.32	2227.66	-428.34
128+75.000	16.33	14.29	14.29	26.95	27.29	1813.61	1813.61	2254.94	-441.34
129+00.000	19.56	16.62	16.62	17.81	20.72	1830.22	1830.22	2275.66	-445.44
129+25.000	26.38	21.27	21.27	12.84	14.19	1851.49	1851.49	2289.85	-438.36
129+50.000	33.75	27.84	27.84	9.50	10.34	1879.33	1879.33	2300.20	-420.87
129+75.000	41.10	34.65	34.65	6.24	7.29	1913.98	1913.98	2307.49	-393.51
130+00.000	51.62	42.92	42.92	1.92	3.78	1956.91	1956.91	2311.27	-354.36
130+25.000	56.65	50.12	50.12	1.21	1.45	2007.03	2007.03	2312.71	-305.68
130+50.000	60.20	54.10	54.10	0.86	0.96	2061.13	2061.13	2313.67	-252.55
130+75.000	62.43	56.77	56.77	0.86	0.80	2117.90	2117.90	2314.47	-196.57
131+00.000	68.35	60.54	60.54	0.00	0.40	2178.44	2178.44	2314.87	-136.43
131+25.000	69.09	63.63	63.63	0.00	0.00	2242.07	2242.07	2314.87	-72.80
131+50.000	66.09	62.59	62.59	0.00	0.00	2304.66	2304.66	2314.87	-10.21
131+75.000	59.26	58.04	58.04	0.00	0.00	2362.70	2362.70	2314.87	47.82
132+00.000	55.44	53.11	53.11	0.08	0.04	2415.80	2415.80	2314.91	100.89
132+25.000	52.58	50.01	50.01	0.26	0.16	2465.81	2465.81	2315.07	150.75
132+50.000	49.47	47.25	47.25	0.43	0.32	2513.06	2513.06	2315.39	197.67
132+75.000	46.83	44.59	44.59	0.57	0.46	2557.65	2557.65	2315.86	241.79
133+00.000	45.09	42.56	42.56	0.67	0.57	2600.21	2600.21	2316.43	283.78
133+25.000	44.39	41.43	41.43	0.76	0.66	2641.63	2641.63	2317.09	324.55
133+50.000	44.08	40.96	40.96	0.71	0.68	2682.60	2682.60	2317.76	364.83
133+75.000	43.25	40.43	40.43	0.49	0.55	2723.03	2723.03	2318.32	404.71
133+93.500	41.35	28.98	28.98	0.43	0.32	2752.01	2752.01	2318.63	433.38
134+25.000	41.02	48.05	48.05	0.75	0.69	2800.06	2800.06	2319.32	480.74
134+50.000	41.05	38.00	38.00	0.84	0.74	2838.06	2838.06	2320.06	517.99
134+75.000	0.00	19.01	19.01	0.00	0.39	2857.06	2857.06	2320.45	536.61
135+00.000	0.00	0.00	0.00	0.00	0.00	2857.06	2857.06	2320.45	536.61
135+25.000	0.00	0.00	0.00	0.00	0.00	2857.06	2857.06	2320.45	536.61