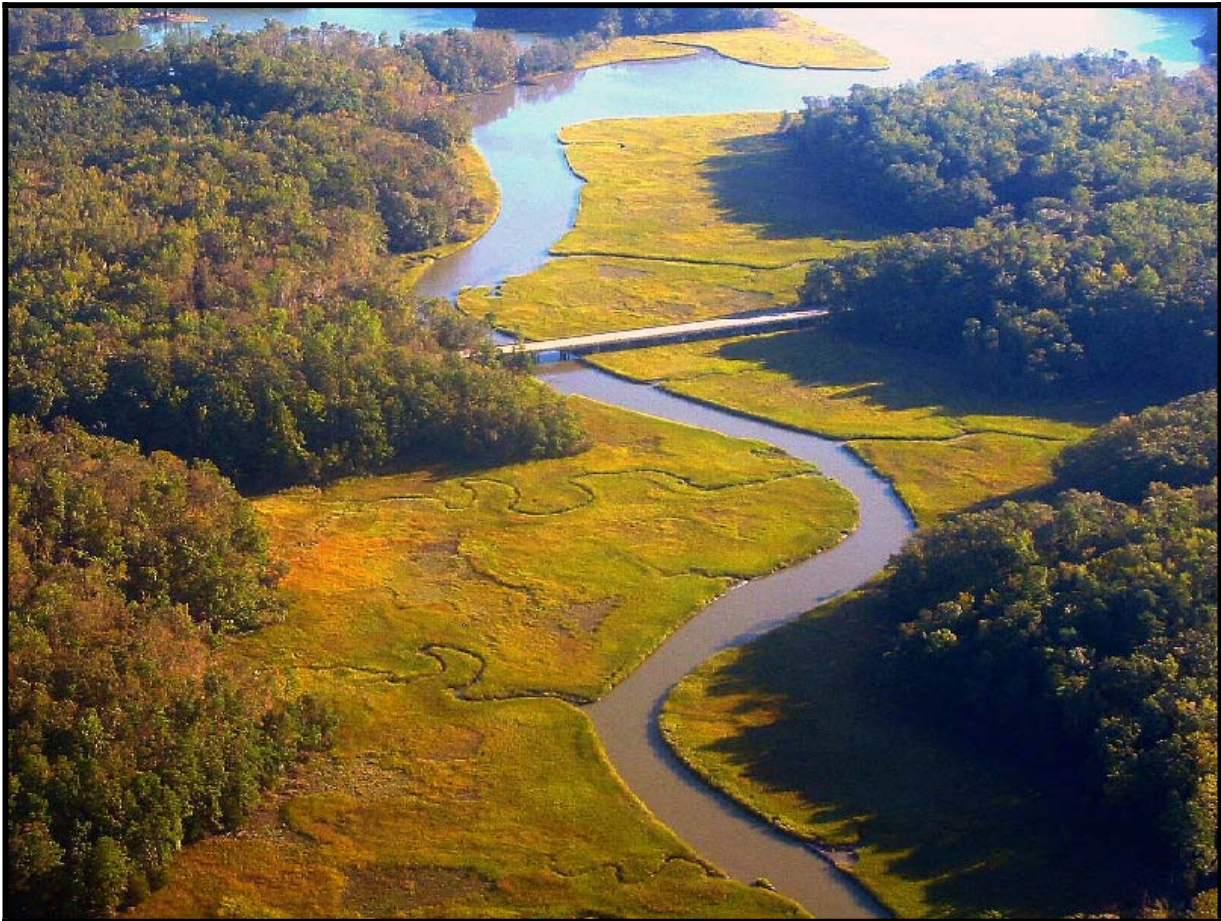
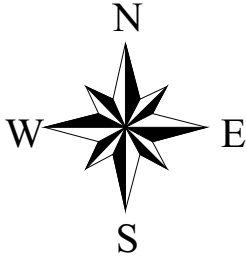


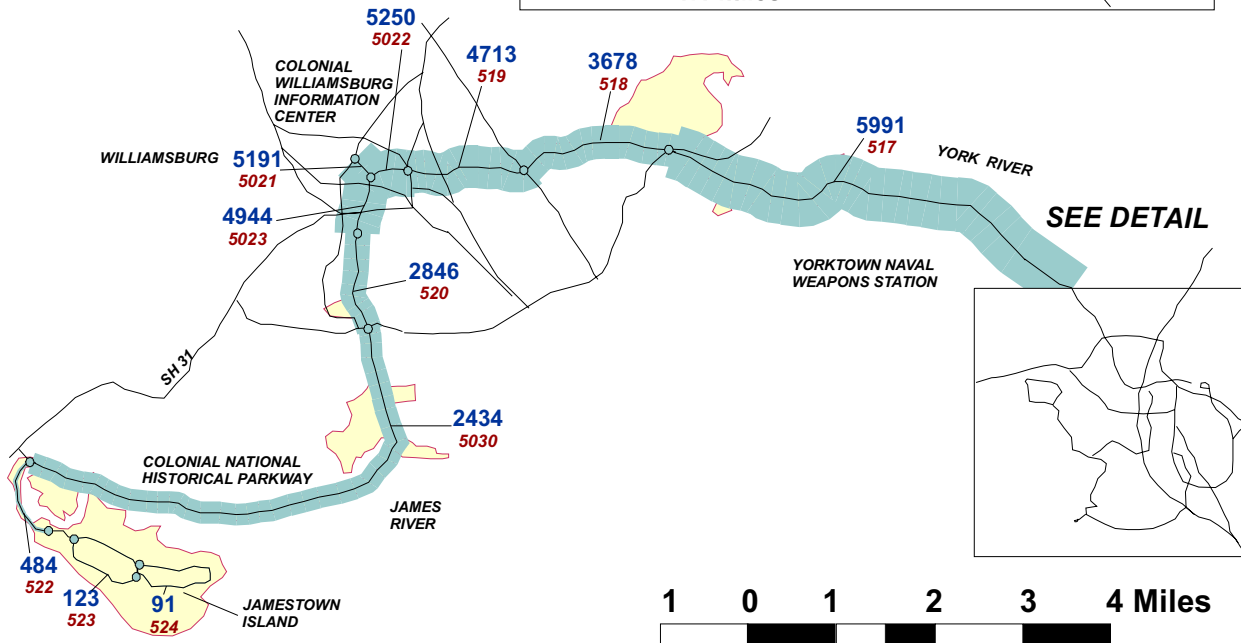
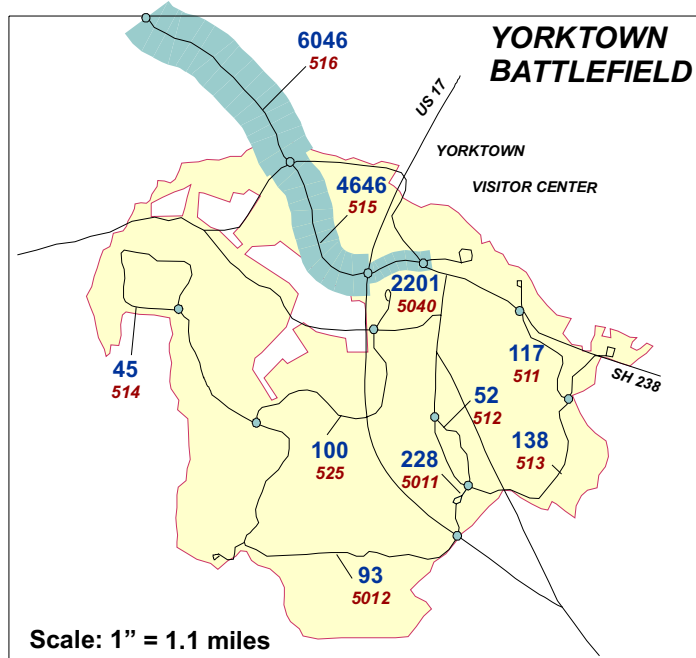
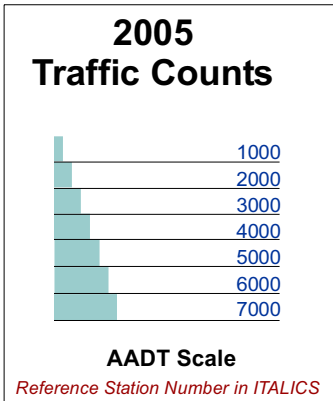
## **Colonial National Historic Park Traffic Package**





# Colonial National Historic Park Virginia

U.S. Department of Interior  
NATIONAL PARK SERVICE



COLONIAL NATIONAL HISTORIC PARK

TRAFFIC TRENDS SUMMARY

Rt. No.	Roadway Segment	Sta. ID.	Length	AADT				VMT(1000's)			
				1988	1991	1994	2005	1988	1991	1994	2005
1	Colonial Pkwy - Va. Hwy.238 to U.S. Hwy 17.	5040	0.35	1628	1816	1616	2201	208	232	206	281
1	Colonial Pkwy - U.S. Hwy 17 to Va. Hwy.238 Ramp	515	1.11	3417	3058	2784	4646	1384	1239	1128	1882
1	Colonial Pkwy - Va. Hwy.238 Ramp to Naval Sta. Entrance	516	0.38	4758	4394	3265	6046	660	609	453	839
1	Colonial Pkwy - Naval Sta. Entrance to Va. Hwy. 199	517	6.32	5172	3986	7060	5991	11931	9195	16286	13820
1	Colonial Pkwy - Va. Hwy. 199 to Queens Lake Road	518	2.77	3215	2480	4519	3678	3251	2507	4569	3719
1	Colonial Pkwy - Queens Lake Road to Va. Hwy.163	519	0.74	5076	4121	7779	4713	1371	1113	2101	1273
1	Colonial Pkwy - Va. Hwy.163 to Information Center Road.	5022	0.7	4235	4795	3848	5250	1082	1225	983	1341
1	Colonial Pkwy - Information Center Road to Newport Avenue	5023	0.83	5087	5686	5038	4944	1541	1723	1526	1498
1	Colonial Pkwy - Newport Avenue to Va.Hwy 199	520	1.32	2412	2328	2692	2846	1162	1122	1297	1371
1	Colonial Pkwy - Va.Hwy 199 to Jamestown Festival Park	5030	7	1559	1414	1258	2434	3983	3613	3214	6219
11	Jamestown Tour Access - Colonial Pkwy. to Island Drive	522	1.34	972	810	735	484	475	396	359	237
102	Surrender Field Access Rd.- Surrender Rd. to End of Loop	5011	0.21	319	324	322	228	24	25	25	17
500	Battlefield Tour Rd.-S.Field Acc. Rd. to Fr.Encamp. Loop	5012	3.39	129	151	173	93	160	187	214	115
500	Battlefield Tour Rd.- French Encampment Loop	514	2	129	120	71	45	94	88	52	33
500	Battlefield Tour Rd.- French Encamp. Loop to Goosley Rd.	525	1.53	129	164	99	100	72	92	55	56
501	Island Loop Rd. - West Loop	523	1.2	236	180	180	123	103	79	79	54
501	Island Loop Rd. - East Loop	524	3.22	165	132	132	91	194	155	155	107
502	Short Loop Rd.- Surrender Road to Surrender Road	512	0.54	94	88	59	52	19	17	12	10
503	East Tour Rd. - Va.Hwy.238 to Moore House Road.	511	0.84	186	182	175	117	57	56	54	36
503	East Tour Rd. - Moore House Road to Surrender Road.	513	0.99	292	314	234	138	106	113	85	50
								27877	23785	32853	32958

Note: AADT -- Annual Average Daily Traffic

**COLONIAL NATIONAL HISTORIC PARK**

**2005 TRAFFIC VOLUME SUMMARY**

Sta. ID.	STATION LOCATION	BEGIN DATE	24 HR. VOL.	SEAS. FACT.	ANN. FACT.	SADT	AADT	REF. STA.
5011	Surrender Field Access Rd.- Surrender Rd. to End of Loop					254	228	Self
5021	Access Rd. to Information Center North of Colonial Pkwy					5669	5191	Self
5012	Battlefield Tour Rd.-S.Field Acc. Rd. to Fr.Encamp. Loop	8/10/05	104	1.0000	0.89633	104	93	5011
5022	Colonial Pkwy - Va. Hwy.163 to Information Center Road.	8/10/05	6278	0.91318	0.8362	5733	5250	5021
5023	Colonial Pkwy - Information Center Road to Newport Avenue	8/10/05	5913	0.91318	0.8362	5400	4944	5021
5030	Colonial Pkwy - Va.Hwy 199 to Jamestown Festival Park	8/10/05	2716	1.0000	0.89633	2716	2434	5011
5040	Colonial Pkwy - Va. Hwy.238 to U.S. Hwy 17.	8/10/05	2456	1.0000	0.89633	2456	2201	5011
511	East Tour Rd. - Va.Hwy.238 to Moore House Road.	8/10/05	130	1.0000	0.89633	130	117	5011
512	Short Loop Rd.- Surrender Road to Surrender Road	8/10/05	58	1.0000	0.89633	58	52	5011
513	East Tour Rd. - Moore House Road to Surrender Road.	8/10/05	154	1.0000	0.89633	154	138	5011
514	Battlefield Tour Rd.- French Encampment Loop	8/10/05	50	1.0000	0.89633	50	45	5011
515	Colonial Pkwy - U.S. Hwy 17 to Va. Hwy.238 Ramp	8/10/05	5556	0.91318	0.8362	5074	4646	5021
516	Colonial Pkwy - Va. Hwy.238 Ramp to Naval Sta. Entrance	8/10/05	7230	0.91318	0.8362	6602	6046	5021
517	Colonial Pkwy - Naval Sta. Entrance to Va. Hwy. 199	8/10/05	7164	0.91318	0.8362	6542	5991	5021
518	Colonial Pkwy - Va. Hwy. 199 to Queens Lake Road	8/10/05	4398	0.91318	0.8362	4016	3678	5021
519	Colonial Pkwy - Queens Lake Road to Va. Hwy.163	8/10/05	5636	0.91318	0.8362	5147	4713	5021
520	Colonial Pkwy - Newport Avenue to Va.Hwy 199	8/10/05	3404	0.91318	0.8362	3108	2846	5021
522	Jamestown Tour Access - Colonial Pkwy. to Island Drive	8/10/05	540	1.0000	0.89633	540	484	5011
523	Island Loop Rd. - West Loop	8/10/05	137	1.0000	0.89633	137	123	5011
524	Island Loop Rd. - East Loop	8/10/05	102	1.0000	0.89633	102	91	5011
525	Battlefield Tour Rd.- French Encamp. Loop to Goosley Rd.	8/10/05	112	1.0000	0.89633	112	100	5011

Note: AADT -- Annual Average Daily Traffic

SADT -- Seasonal Average Daily Traffic computed using data for the months containing 80% of annual volume.

REF. STA. -- a permanent Automated Traffic Recorder (ATR) reference station used to obtain seasonal and annual adjustment factors for coverage counts.

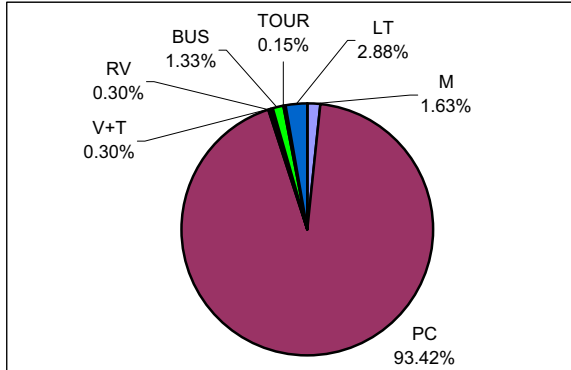
**COLONIAL NATIONAL HISTORIC PARK**

**2005 TRAFFIC COMPOSITION SUMMARY**

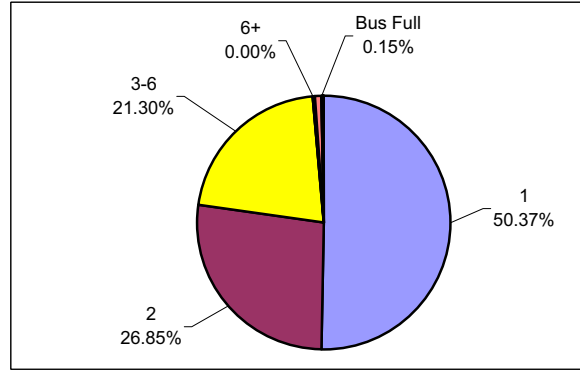
**Vehicle Classification**

**Vehicle Occupancy**

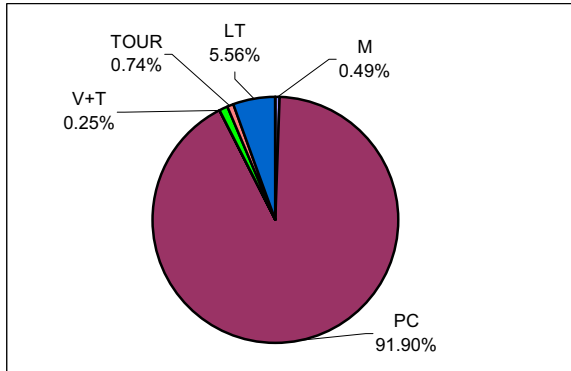
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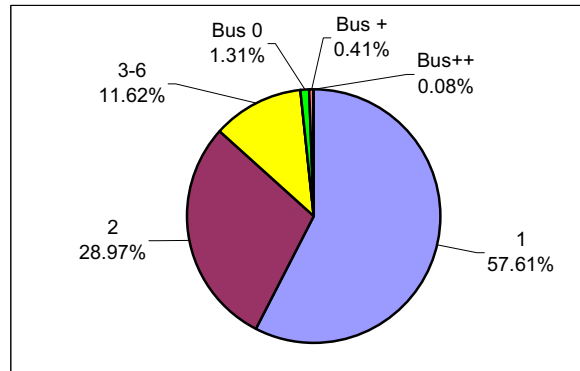
Location: STATION 5030



Location: STATION 5040



Location: STATION 5040



**CLASSIFICATION LEGEND:**

No.	Vehicle Type	FHWA Class
M	Motorcycles	Class 1
PC	Passenger Cars	Class 2
RV	Recreational Vehicles	N/A
V+T	Vehicles/RV pulling Trailer	N/A
BUS	Transit/Shuttle Buses	Class 4
TOUR	Tour Buses	Class 4
LT	Light-duty Trucks	Classes 3, 5
HT	Heavy-duty Trucks	Classes 6 - 13

**OCCUPANCY LEGEND:**

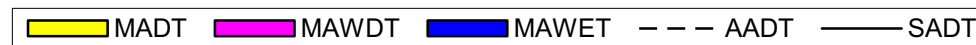
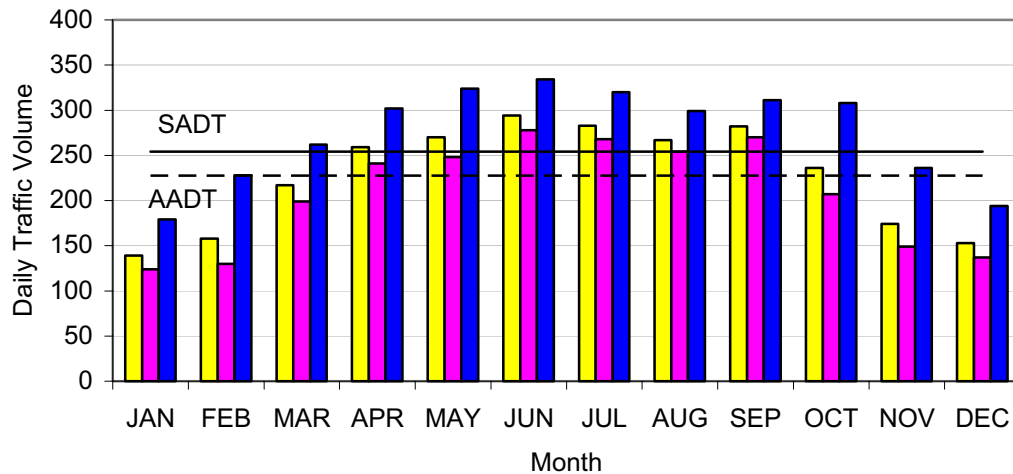
No.	Vehicle Occupancy
1	1 Occupant
2	2 Occupants
3-6	3-6 Occupants (car load)
6+	More than 6 Occupants, (non-Bus)
Bus 0	Bus, No Passengers
Bus +	Bus, Few Passengers
Bus++	Bus, Semi-Loaded
Bus Full	Bus, Fully Loaded

Note: Vehicle Classifications and Vehicle Occupancy values represented by 0% (No Occurrence) are not shown on the charts.

**COLONIAL NATIONAL HISTORIC PARK**

Station: 5011 Surrender Field Access Rd.- Surrender Rd. to End of Loop

Month	Year	Average Day of Month (MADT)	Average Weekday of Month (MAWDT)	Average Weekend Day of Month (MAWET)	Annual Average Daily Traffic Factor (AADTF)	Seasonal Average Daily Traffic Factor (SADTF)
1	2005	139	124	179	1.8360	2.0484
2	2005	158	130	228	1.7513	1.9538
3	2005	217	199	262	1.1441	1.2764
4	2005	259	241	302	0.9447	1.0539
5	2005	270	248	324	0.9180	1.0242
6	2005	294	278	334	0.8189	0.9137
7	2005	283	268	320	0.8495	0.9478
8	2005	267	254	299	0.8963	1.0000
9	2004	282	270	311	0.8432	0.9407
10	2003	236	207	308	1.0998	1.2271
11	2003	174	149	236	1.5280	1.7047
12	2004	153	137	194	1.6618	1.8540
Annual Average Daily Traffic (AADT)				228		
Annual Average Weekday Traffic (AAWDT)				209		
Annual Average Weekend Traffic (AAWET)				275		
Seasonal Average Daily Traffic (SADT)				254		

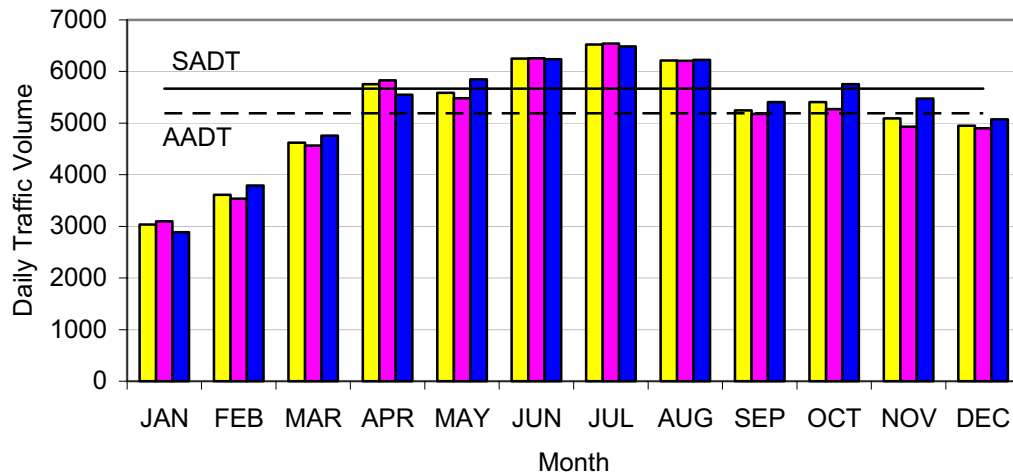


Note: AADTF is used to adjust coverage traffic volumes to AADT volume.  
 SADTF is used to adjust coverage traffic volumes to SADT volume.  
 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.

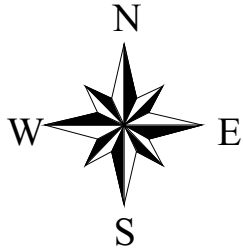
**COLONIAL NATIONAL HISTORIC PARK**

Station: 5021 Access Rd. to Information Center North of Colonial Pkwy

Month	Year	Average Day of Month (MADT)	Average Weekday of Month (MAWDT)	Average Weekend Day of Month (MAWET)	Annual Average Daily Traffic Factor (AADTF)	Seasonal Average Daily Traffic Factor (SADTF)
1	2000	3037	3099	2884	1.6751	1.8293
2	2000	3612	3540	3791	1.4664	1.6014
3	2000	4621	4566	4758	1.1369	1.2416
4	2000	5752	5832	5552	0.8901	0.9721
5	2000	5588	5484	5850	0.9466	1.0337
6	2000	6253	6259	6240	0.8294	0.9057
7	2000	6524	6540	6484	0.7938	0.8668
8	2000	6213	6208	6226	0.8362	0.9132
9	2000	5245	5181	5406	1.0020	1.0942
10	2000	5409	5270	5757	0.9850	1.0757
11	1999	5089	4934	5478	1.0521	1.1490
12	1999	4951	4902	5073	1.0590	1.1565
Annual Average Daily Traffic (AADT)				5191		
Annual Average Weekday Traffic (AAWDT)				5151		
Annual Average Weekend Traffic (AAWET)				5292		
Seasonal Average Daily Traffic (SADT)				5669		



Note: AADTF is used to adjust coverage traffic volumes to AADT volume.  
 SADTF is used to adjust coverage traffic volumes to SADT volume.  
 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.



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