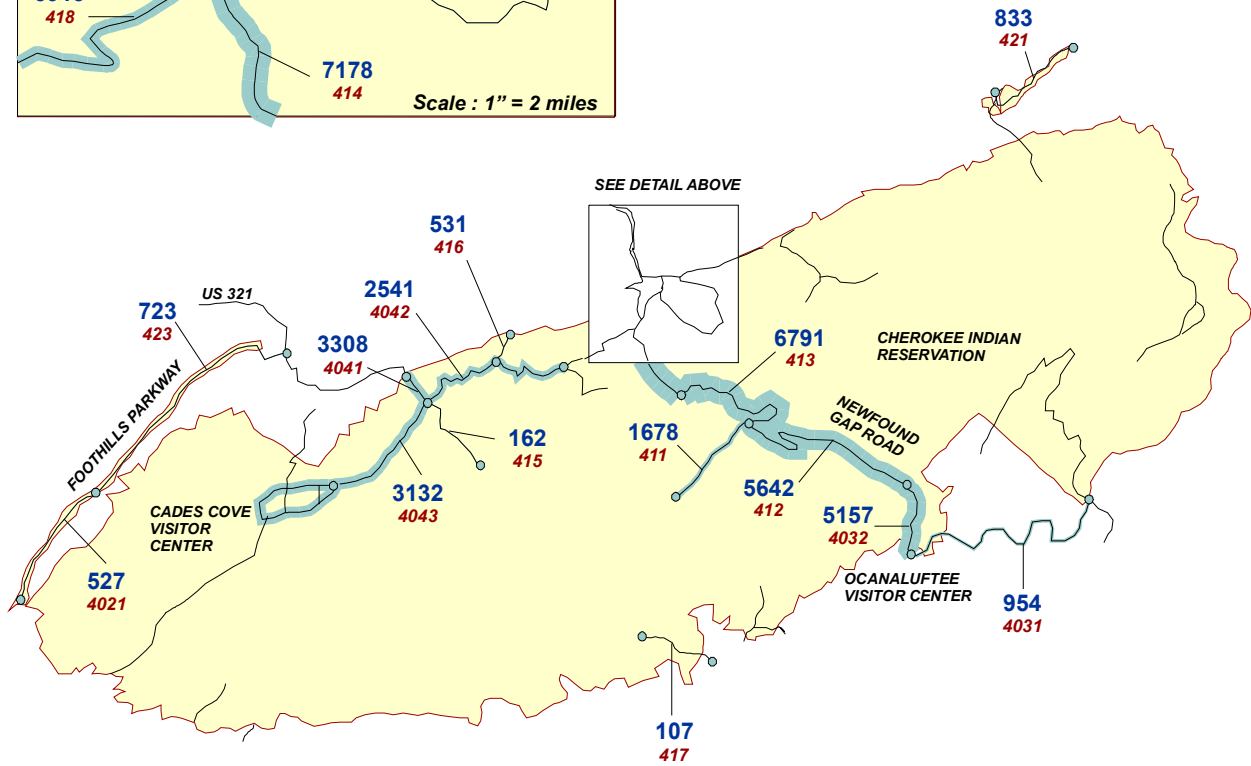
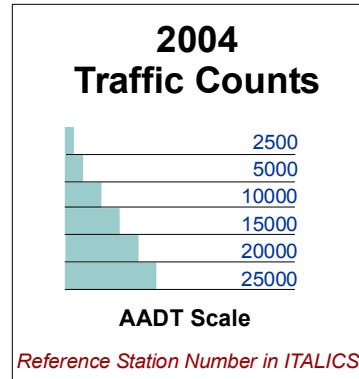
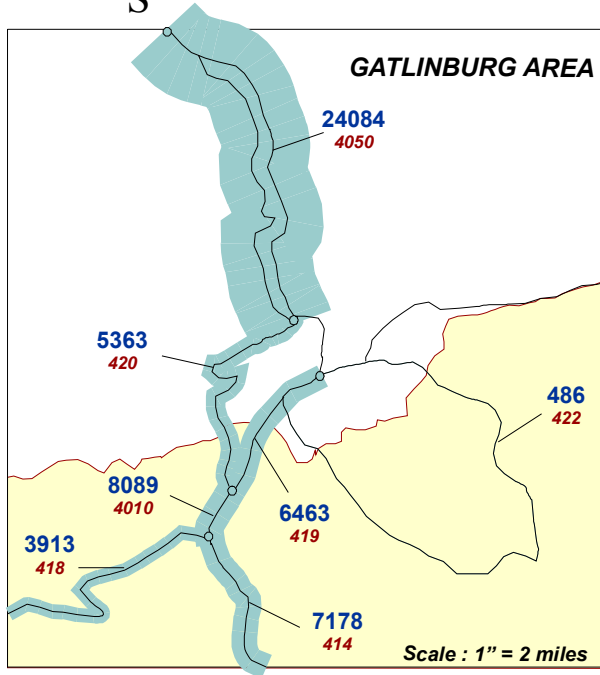
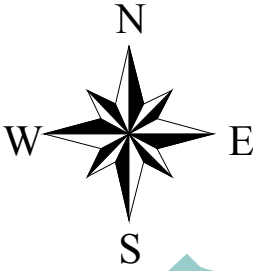


# Great Smoky Mountains National Park Traffic Package



# Great Smoky Mountains National Park Tennessee & N. Carolina

U.S. Department of Interior  
NATIONAL PARK SERVICE



**GREAT SMOKY MOUNTAINS NATIONAL PARK TRAFFIC TRENDS SUMMARY**

Rt. No.	Roadway Segment	Sta. ID.	Length	AADT				VMT(1000's)			
				1988	1991	1994	2004	1988	1991	1994	2004
10	Newfound Gap Rd. - North Park Boundary to Gatlinburg Bypass	419	1.1	3057	6162	6717	6463	1227	2474	2697	2595
10	Newfound Gap Rd. - Gatlinburg Bypass to Sugarlands	4010	0.37	7263	7449	8119	8089	981	1006	1096	1092
10	Newfound Gap Rd. - Sugarlands to Chimneys Picnic Area	414	4.74	2364	5322	5801	7178	4090	9208	10036	12419
10	Newfound Gap Rd. - Chimneys Picnic Area to Newfound Gap	413	8.29	3388	5358	5840	6791	10252	16213	17671	20549
10	Newfound Gap Rd. - Newfound Gap to Smokemont	412	12.24	2156	4385	4780	5642	9632	19590	21355	25206
10	Newfound Gap Rd. - Smokemont to South Park Boundary	4032	4.5	4727	4571	5143	5157	7764	7508	8447	8470
11	Gatlinburg Spur - Pigeon Forge to Gatlinburg Bypass	4050	4.61	24682	25734	28050	24084	41531	43301	47198	40525
12	Gatlinburg Bypass - Gatlinburg Spur to Newfound Gap Road	420	3.79	2626	3375	3679	5363	3633	4669	5089	7419
13	Fighting Creek Gap Rd - Sugarlands to Elkmont Entrance Rd.	418	4.87	1406	3216	3505	3913	2499	5717	6230	6956
14	Little River Gorge Rd.- Elkmont Entr. Rd to Townsend Wye	4042	12.41	2384	2540	2572	2541	10799	11505	11650	11510
15	Laurel Creek Rd. - Townsend Wye to Cades Cove Loop Road	4043	7.6	3061	3293	3589	3132	8491	9135	9956	8688
16	Townsend Entrance Rd.- Park Boundary to Townsend Wye	4041	0.74	2706	3065	3385	3308	731	828	914	893
17	Clingmans Dome Rd.- Newfound Gap Road to Parking Lot	411	7.18	994	1796	1958	1678	2605	4707	5131	4398
19	Lake View Rd.- Park Boundary to Tunnel	417	5.79	93	92	100	107	197	194	211	226
23	Wear Cove Gap Rd.- Little River Road to Park Boundary	416	1.24	113	315	343	531	51	143	155	240
24	Foothills Pkwy.- U.S Hwy. 129 to Look Rock	4021	7.53	297	338	368	527	816	929	1011	1448
24	Foothills Pkwy.- Look Rock to U.S 321	423	9.09	300	420	458	723	995	1393	1520	2399
25	Foothills Pkwy.- Tenn Hwy.32 to Interstate Hwy.40	421	5.56	481	852	929	833	976	1729	1885	1690
128	Tremont Rd.- Laurel Creek Road to End of Loop	415	5.15	104	238	259	162	195	447	487	305
502	Roaring Fork Rd.- Cher. Orchard to U.S 321	422	5.25	129	372	405	486	247	713	776	931

Note: AADT -- Annual Average Daily Traffic  
VMT-- Vehicle Miles of Travel

107713 141409 153519 157960

**GREAT SMOKY MOUNTAINS NATIONAL PARK**

**2004 TRAFFIC VOLUME SUMMARY**

Sta. ID.	STATION LOCATION	BEGIN DATE	24 HR. VOL.	SEAS. FACT.	ANN. FACT.	SADT	AADT	REF. STA.
4010	Newfound Gap Rd. - Gatlinburg Bypass to Sugarlands					9822	8089	Self
4032	Newfound Gap Rd. - Smokemont to South Park Boundary					6325	5157	Self
4041	Townsend Entrance Rd.- Park Boundary to Townsend Wye					4071	3308	Self
4042	Little River Gorge Rd.- Elkmont Entr. Rd to Townsend Wye					3148	2541	Self
4043	Laurel Creek Rd. - Townsend Wye to Cades Cove Loop Road					3863	3132	Self
4044	Ramp between Little River Gorge Rd. and Townsend Entrance Rd.					1400	1125	Self
4045	Ramp between Townsend Entrance Road and Laurel Creek Road					1747	1415	Self
4021	Foothills Pkwy.- U.S Hwy. 129 to Look Rock	10/16/2004	1167	0.5560	0.4518	649	527	4041
4031	Blue Ridge Pkwy East of Oconaluftee River Bridge	10/16/2004	1809	0.6469	0.52743	1170	954	4032
4050	Gatlinburg Spur - Pigeon Forge to Gatlinburg Bypass	10/16/2004	45033	0.6494	0.53481	29246	24084	4010
411	Clingmans Dome Rd.- Newfound Gap Road to Parking Lot	10/16/2004	3182	0.6469	0.52743	2059	1678	4032
412	Newfound Gap Rd. - Newfound Gap to Smokemont	10/16/2004	10698	0.6469	0.52743	6921	5642	4032
413	Newfound Gap Rd. - Chimneys Picnic Area to Newfound Gap	10/16/2004	12876	0.6469	0.52743	8330	6791	4032
414	Newfound Gap Rd. - Sugarlands to Chimneys Picnic Area	10/16/2004	13422	0.6494	0.53481	8717	7178	4010
415	Tremont Rd.- Laurel Creek Road to End of Loop	10/16/2004	358	0.5560	0.4518	199	162	4041
416	Wear Cove Gap Rd.- Little River Road to Park Boundary	10/16/2004	1176	0.5560	0.4518	654	531	4041
417	Lake View Rd.- Park Boundary to Tunnel	10/16/2004	203	0.6469	0.52743	131	107	4032
418	Fighting Creek Gap Rd - Sugarlands to Elkmont Entrance Rd.	10/16/2004	7316	0.6494	0.53481	4751	3913	4010
419	Newfound Gap Rd. - North Park Boundary to Gatlinburg Bypass	10/16/2004	12085	0.6494	0.53481	7848	6463	4010
420	Gatlinburg Bypass - Gatlinburg Spur to Newfound Gap Road	10/16/2004	10028	0.6494	0.53481	6512	5363	4010
421	Foothills Pkwy.- Tenn Hwy.32 to Interstate Hwy.40	10/16/2004	1844	0.5560	0.4518	1025	833	4041
422	Roaring Fork Rd.- Cher. Orchard to U.S 321	10/16/2004	922	0.64693	0.52743	596	486	4032
423	Foothills Pkwy.- Look Rock to U.S 321	10/16/2004	1600	0.5560	0.4518	890	723	4041

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.

**GREAT SMOKY MOUNTAINS NATIONAL PARK**

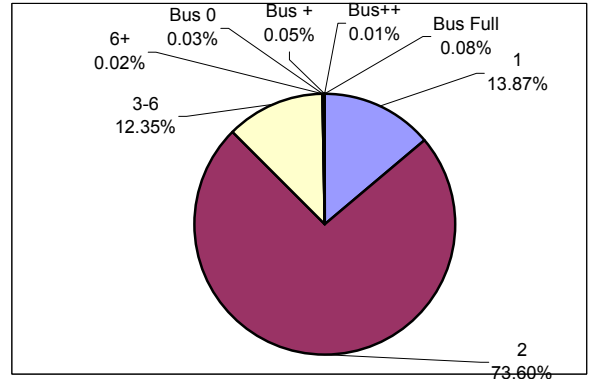
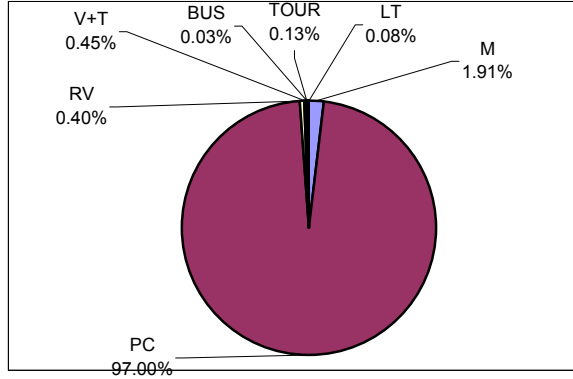
**2004 TRAFFIC COMPOSITION SUMMARY**

**Vehicle Classification**

**Vehicle Occupancy**

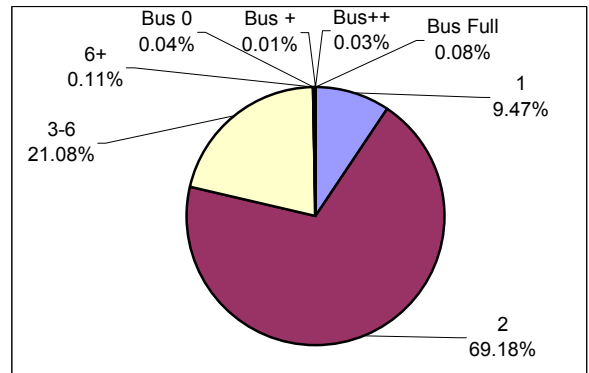
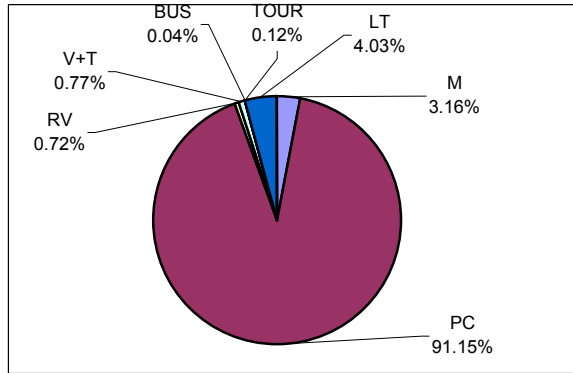
Location: STATION 4010

Location: STATION 4010



Location: STATION 4032

Location: STATION 4032



**CLASSIFICATION LEGEND:**

**OCCUPANCY 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

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.

**GREAT SMOKY MOUNTAINS NATIONAL PARK**

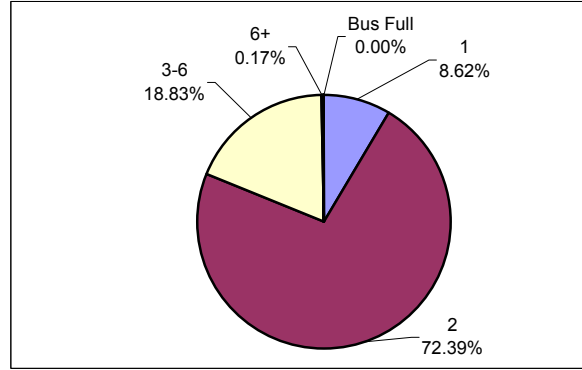
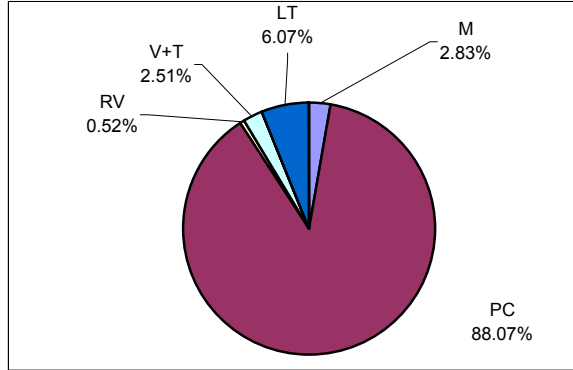
**2004 TRAFFIC COMPOSITION SUMMARY**

**Vehicle Classification**

**Vehicle Occupancy**

Location: STATION 4041

Location: STATION 4041



**CLASSIFICATION LEGEND:**

**OCCUPANCY 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

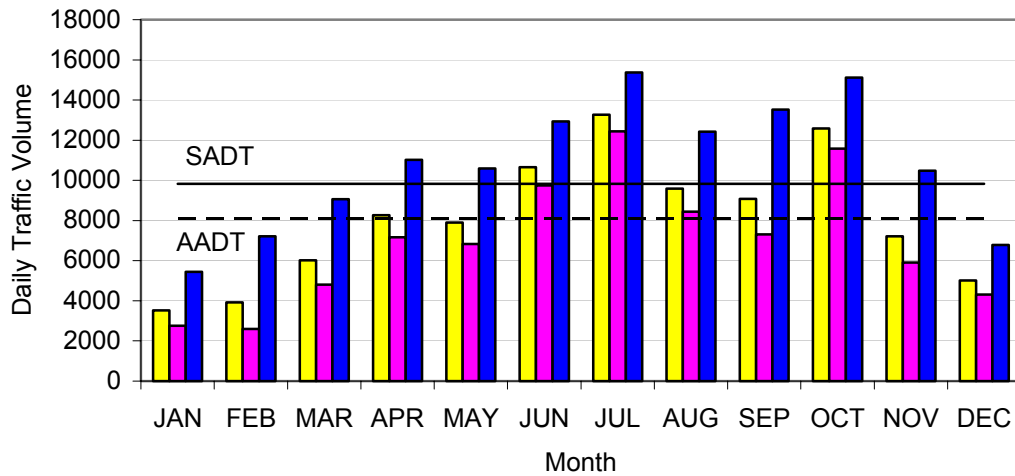
No.	Vehicle Occupancy
1	1 Occupant
2	2 Occupants
3-6	3-6 Occupants (car load)
6+	More than 6 Occupants, (non-Bus)
Bus 0	Bus, No Passengers
Bus +	Bus, Few Passengers
Bus++	Bus, Semi-Loaded
Bus Full	Bus, Fully Loaded

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

**GREAT SMOKY MOUNTAINS NATIONAL PARK**

Station: 4010 Newfound Gap Rd. - Gatlinburg Bypass to Sugarlands

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	2004	3518	2748	5444	1.4858	1.8042
2	2004	3918	2596	7223	1.1198	1.3598
3	2004	6027	4811	9066	0.8922	1.0834
4	2004	8268	7167	11020	0.7340	0.8913
5	2004	7904	6831	10588	0.7639	0.9277
6	2004	10661	9753	12930	0.6256	0.7596
7	2004	13276	12439	15368	0.5263	0.6391
8	2004	9586	8450	12425	0.6510	0.7905
9	2004	9082	7306	13522	0.5982	0.7264
10	2004	12589	11575	15124	0.5348	0.6494
11	2003	7213	5906	10480	0.7718	0.9372
12	2003	5020	4312	6790	1.1912	1.4465
Annual Average Daily Traffic (AADT)				8089		
Annual Average Weekday Traffic (AAWDT)				6991		
Annual Average Weekend Traffic (AAWET)				10832		
Seasonal Average Daily Traffic (SADT)				9822		

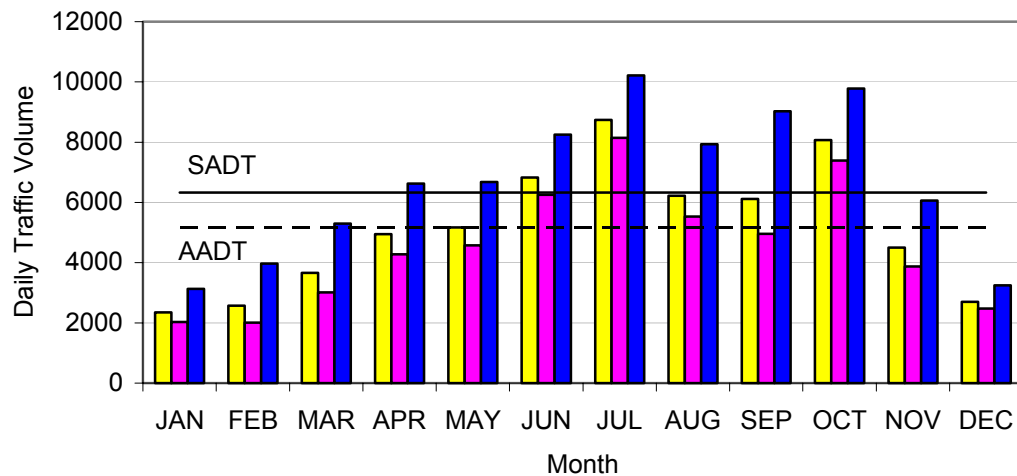


Note: AADTF is used to adjust coverage traffic volumes to AADT volume.  
 SADTF is used to adjust coverage traffic volumes to SADT volume.  
 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.

**GREAT SMOKY MOUNTAINS NATIONAL PARK**

Station: 4032 Newfound Gap Rd. - Smokemont to South Park Boundary

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	2004	2347	2031	3137	1.6438	2.0163
2	2004	2565	2003	3970	1.2989	1.5932
3	2004	3668	3016	5299	0.9731	1.1936
4	2004	4950	4279	6628	0.7780	0.9543
5	2004	5175	4573	6680	0.7720	0.9469
6	2004	6825	6255	8250	0.6251	0.7667
7	2004	8737	8145	10215	0.5048	0.6192
8	2004	6219	5533	7934	0.6499	0.7972
9	2004	6116	4954	9022	0.5716	0.7011
10	2004	8075	7395	9777	0.5274	0.6469
11	2003	4503	3880	6060	0.8509	1.0437
12	2003	2700	2479	3253	1.5852	1.9444
Annual Average Daily Traffic (AADT)				5157		
Annual Average Weekday Traffic (AAWDT)				4545		
Annual Average Weekend Traffic (AAWET)				6685		
Seasonal Average Daily Traffic (SADT)				6325		



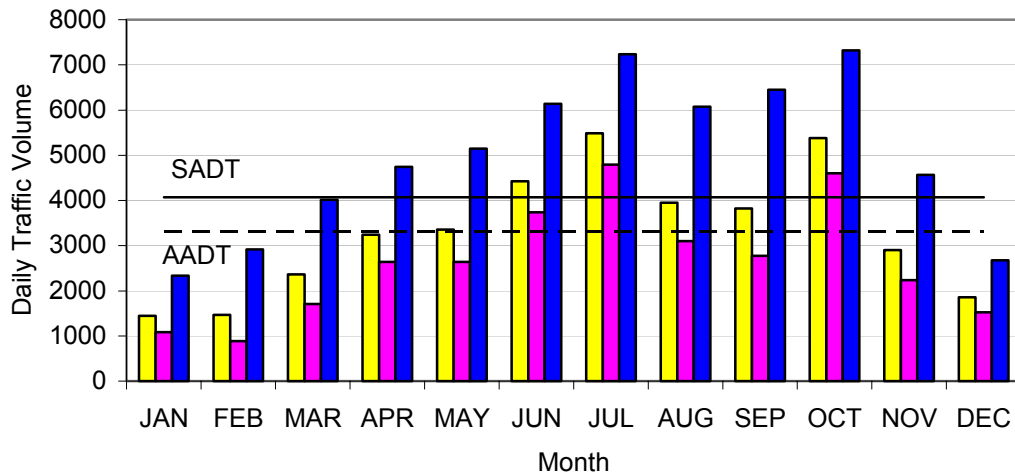
Note: AADTF is used to adjust coverage traffic volumes to AADT volume.  
 SADTF is used to adjust coverage traffic volumes to SADT volume.  
 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.



**GREAT SMOKY MOUNTAINS NATIONAL PARK**

Station: 4041 Townsend Entrance Rd.- Park Boundary to Townsend Wye

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	2004	1443	1085	2338	1.4149	1.7412
2	2004	1466	887	2914	1.1352	1.3970
3	2004	2366	1707	4012	0.8245	1.0147
4	2004	3244	2643	4745	0.6972	0.8580
5	2004	3358	2641	5149	0.6425	0.7906
6	2004	4423	3735	6141	0.5387	0.6629
7	2004	5490	4792	7236	0.4572	0.5626
8	2004	3948	3098	6073	0.5447	0.6703
9	2004	3826	2778	6448	0.5130	0.6314
10	2004	5377	4599	7322	0.4518	0.5560
11	2003	2904	2240	4564	0.7248	0.8920
12	2003	1852	1521	2679	1.2348	1.5196
Annual Average Daily Traffic (AADT)				3308		
Annual Average Weekday Traffic (AAWDT)				2644		
Annual Average Weekend Traffic (AAWET)				4968		
Seasonal Average Daily Traffic (SADT)				4071		

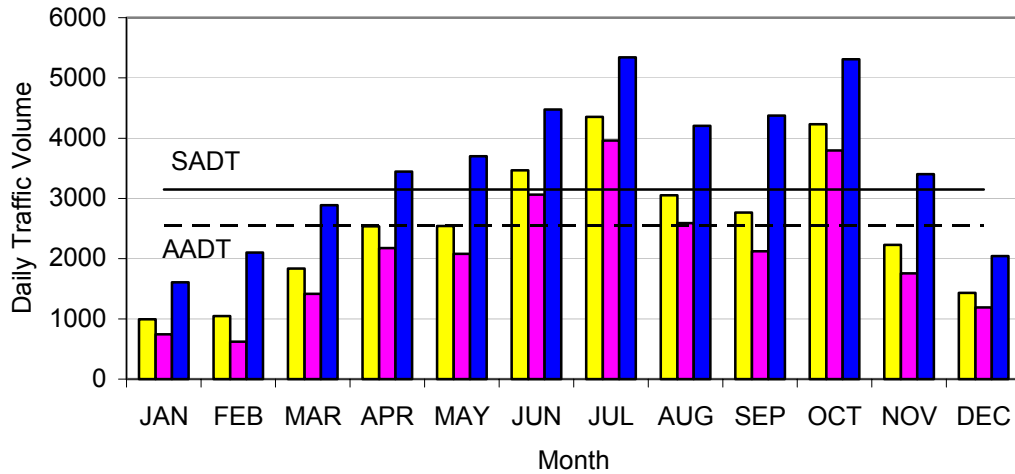


Note: AADTF is used to adjust coverage traffic volumes to AADT volume.  
 SADTF is used to adjust coverage traffic volumes to SADT volume.  
 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.

**GREAT SMOKY MOUNTAINS NATIONAL PARK**

Station: 4042 Little River Gorge Rd.- Elkmont Entr. Rd to Townsend Wye

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	2004	992	746	1609	1.5791	1.9565
2	2004	1046	623	2103	1.2082	1.4969
3	2004	1837	1417	2887	0.8801	1.0904
4	2004	2538	2176	3445	0.7375	0.9138
5	2004	2542	2079	3700	0.6867	0.8508
6	2004	3468	3064	4478	0.5674	0.7030
7	2004	4356	3961	5341	0.4757	0.5894
8	2004	3051	2589	4204	0.6044	0.7488
9	2004	2767	2123	4377	0.5805	0.7192
10	2004	4230	3799	5308	0.4787	0.5931
11	2003	2228	1758	3403	0.7466	0.9251
12	2003	1435	1191	2045	1.2425	1.5394
Annual Average Daily Traffic (AADT)				2541		
Annual Average Weekday Traffic (AAWDT)				2127		
Annual Average Weekend Traffic (AAWET)				3575		
Seasonal Average Daily Traffic (SADT)				3148		

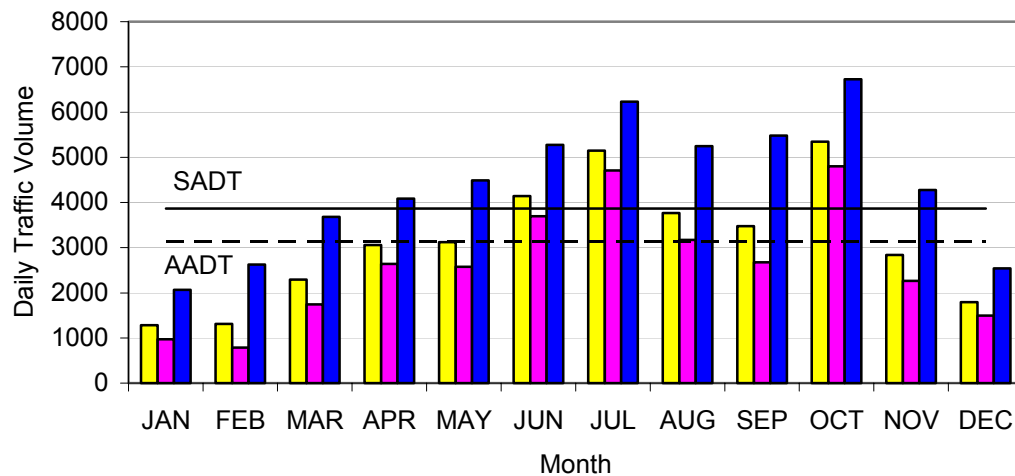


Note: AADTF is used to adjust coverage traffic volumes to AADT volume.  
 SADTF is used to adjust coverage traffic volumes to SADT volume.  
 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.

**GREAT SMOKY MOUNTAINS NATIONAL PARK**

Station: 4043 Laurel Creek Rd. - Townsend Wye to Cades Cove Loop Road

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	2004	1282	968	2066	1.5161	1.8698
2	2004	1312	785	2629	1.1914	1.4694
3	2004	2297	1742	3683	0.8505	1.0489
4	2004	3056	2643	4088	0.7662	0.9450
5	2004	3124	2579	4487	0.6981	0.8609
6	2004	4145	3693	5276	0.5937	0.7322
7	2004	5145	4711	6230	0.5028	0.6201
8	2004	3765	3172	5248	0.5968	0.7361
9	2004	3479	2678	5483	0.5713	0.7045
10	2004	5348	4797	6726	0.4657	0.5743
11	2003	2840	2266	4273	0.7330	0.9040
12	2003	1794	1494	2544	1.2312	1.5185
Annual Average Daily Traffic (AADT)				3132		
Annual Average Weekday Traffic (AAWDT)				2627		
Annual Average Weekend Traffic (AAWET)				4394		
Seasonal Average Daily Traffic (SADT)				3863		

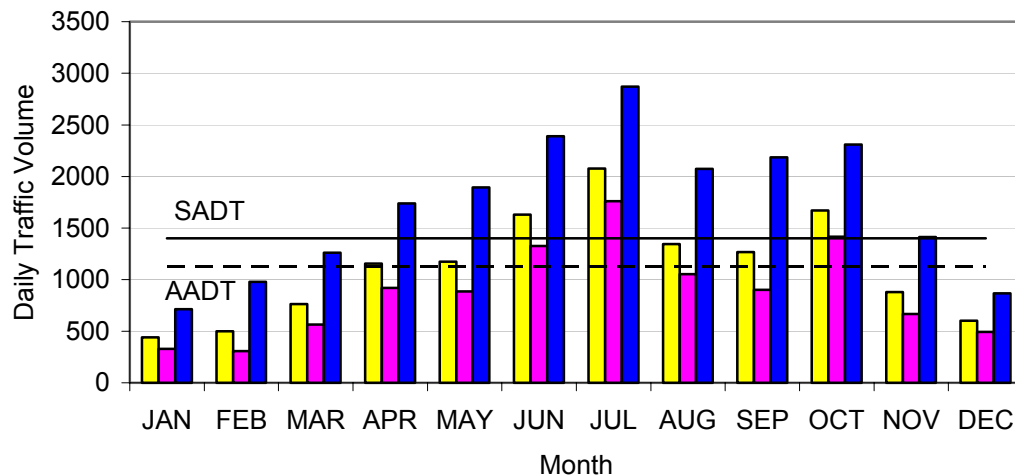


Note: AADTF is used to adjust coverage traffic volumes to AADT volume.  
 SADTF is used to adjust coverage traffic volumes to SADT volume.  
 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.

**GREAT SMOKY MOUNTAINS NATIONAL PARK**

Station: 4044 Ramp between Little River Gorge Rd. and Townsend Entrance Rd.

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	2004	439	329	714	1.5760	1.9608
2	2004	498	306	979	1.1494	1.4300
3	2004	763	564	1262	0.8916	1.1094
4	2004	1155	921	1740	0.6467	0.8046
5	2004	1175	888	1893	0.5944	0.7396
6	2004	1631	1327	2391	0.4706	0.5855
7	2004	2077	1760	2871	0.3919	0.4876
8	2004	1345	1053	2074	0.5426	0.6750
9	2004	1268	901	2185	0.5150	0.6407
10	2004	1672	1416	2310	0.4871	0.6061
11	2003	880	666	1414	0.7958	0.9901
12	2003	600	493	867	1.2979	1.6148
Annual Average Daily Traffic (AADT)				1125		
Annual Average Weekday Traffic (AAWDT)				885		
Annual Average Weekend Traffic (AAWET)				1725		
Seasonal Average Daily Traffic (SADT)				1400		

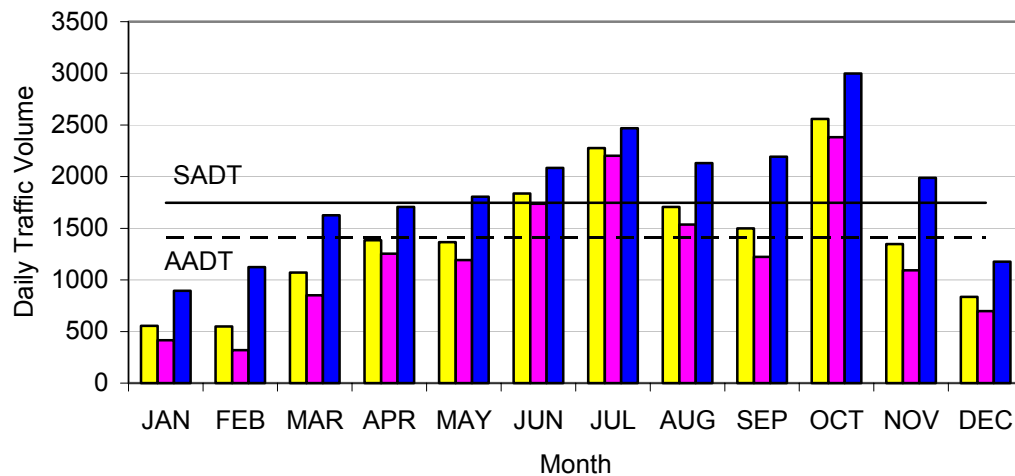


Note: AADTF is used to adjust coverage traffic volumes to AADT volume.  
 SADTF is used to adjust coverage traffic volumes to SADT volume.  
 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.

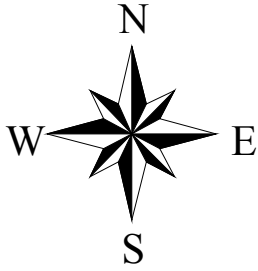
**GREAT SMOKY MOUNTAINS NATIONAL PARK**

Station: 4045 Ramp between Townsend Entrance Road and Laurel Creek Road

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	2004	553	416	895	1.5815	1.9520
2	2004	548	318	1123	1.2604	1.5557
3	2004	1073	853	1625	0.8710	1.0751
4	2004	1383	1254	1706	0.8297	1.0240
5	2004	1367	1191	1807	0.7833	0.9668
6	2004	1837	1737	2086	0.6785	0.8375
7	2004	2278	2202	2470	0.5730	0.7073
8	2004	1706	1536	2130	0.6645	0.8202
9	2004	1499	1222	2192	0.6457	0.7970
10	2004	2558	2383	2998	0.4721	0.5827
11	2003	1348	1092	1989	0.7116	0.8783
12	2003	835	698	1178	1.2015	1.4830
Annual Average Daily Traffic (AADT)				1415		
Annual Average Weekday Traffic (AAWDT)				1242		
Annual Average Weekend Traffic (AAWET)				1850		
Seasonal Average Daily Traffic (SADT)				1747		

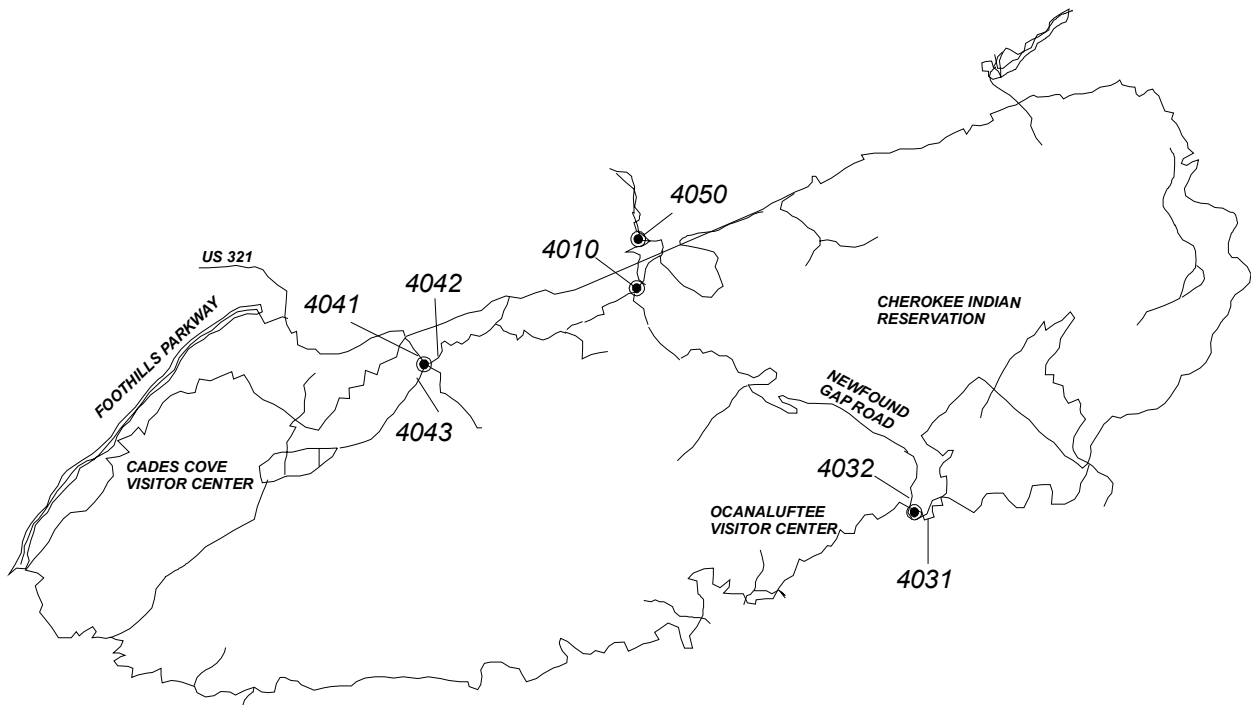


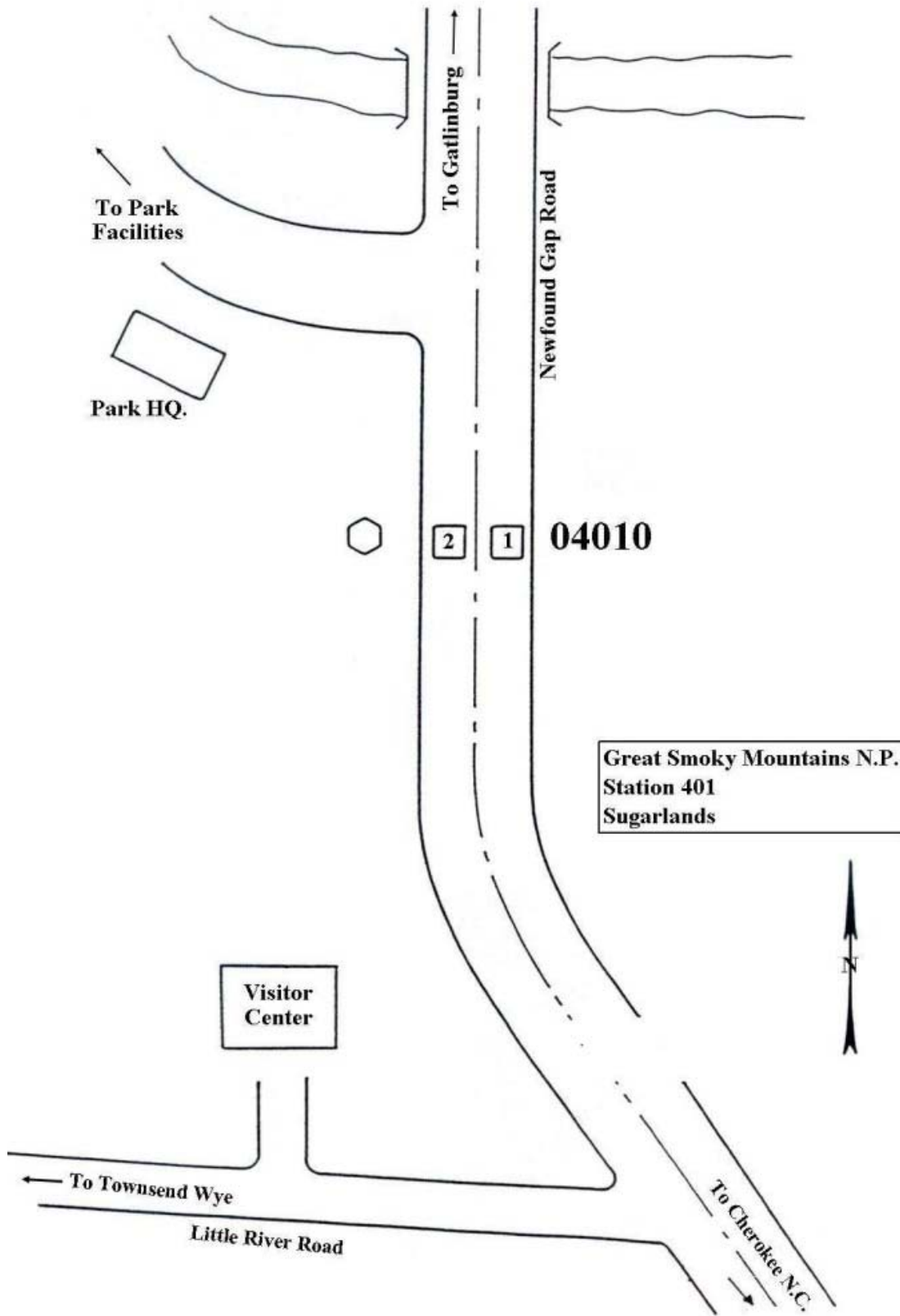
Note: AADTF is used to adjust coverage traffic volumes to AADT volume.  
 SADTF is used to adjust coverage traffic volumes to SADT volume.  
 SADT -- Seasonal Average Daily Traffic for the months containing 80% of annual volume.

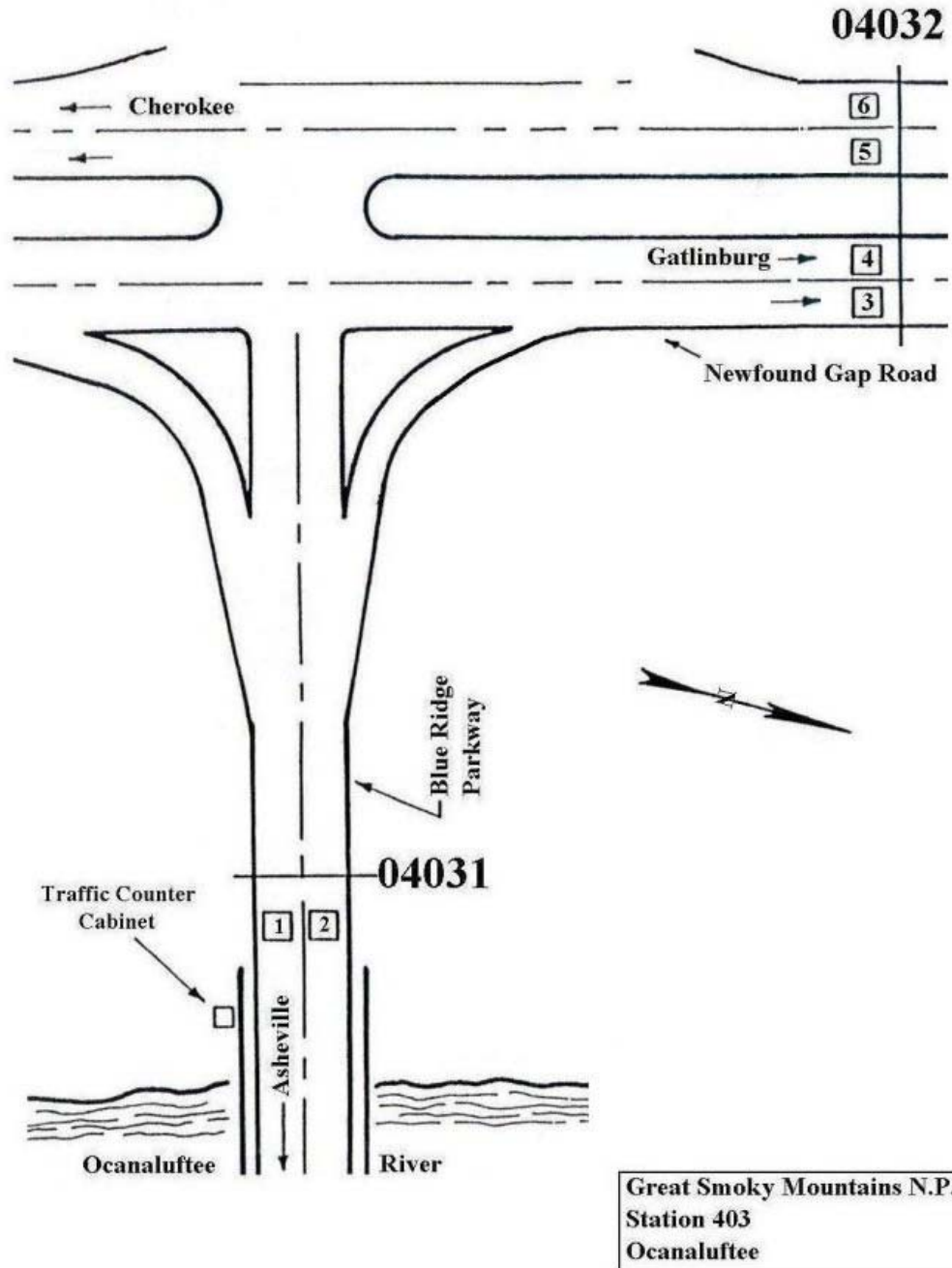


# Great Smoky Mountains National Park Tennessee & N. Carolina

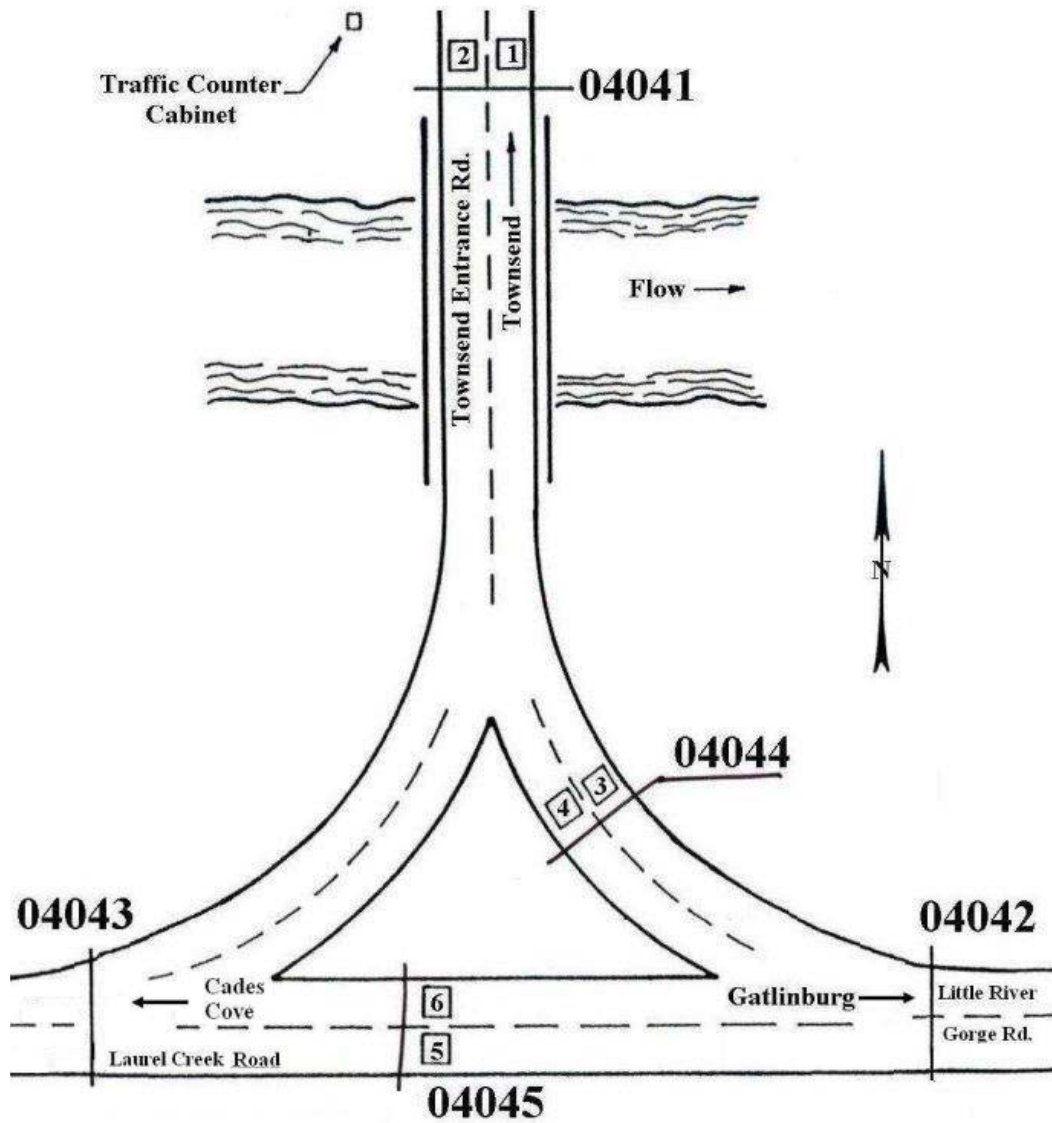
U.S. Department of Interior  
NATIONAL PARK SERVICE



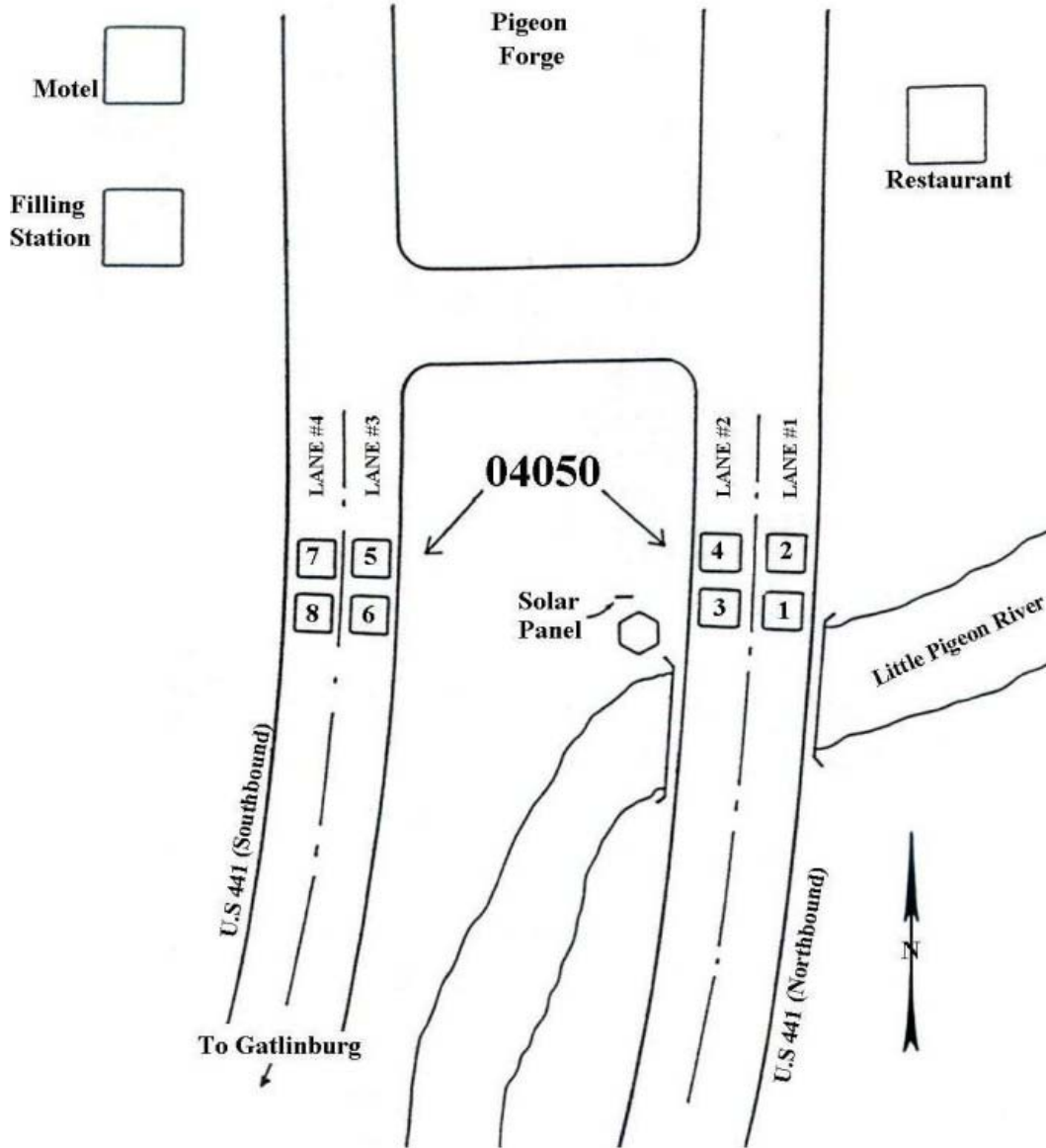








Great Smoky Mountains N.P.  
Station 404  
Townsend Wye



Great Smoky Mountains N.P.  
Station 405  
South of Pigeon Forge