Durham 16236
US Route 4 over Bunker Creek
Br. No. 145/116

PRELIMINARY ENGINEERING REPORT

Prepared for: New Hampshire Department of Transportation

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May 22, 2018

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I. INTRODUCTION

The existing concrete bridge carrying US Route 4 over Bunker Creek in Durham was built in 1933, and based on present condition, requires replacement. The Department has recently completed repair work to the 15' bridge to extend the structure's service life. The structure is located at the east end of a causeway crossing the tidal wetlands and the Bunker Creek. Bunker Creek discharges into the Oyster River just south of the bridge location. US Route 4 is a major east-west trucking route connecting Portsmouth to Concord carrying more than 16,000 vehicles per day. The goal of the project is to replace the bridge with a cost effective, low maintenance crossing that meets the needs of the stakeholders, improves the roadway and bridge safety deficiencies, and can be permitted.

II. EXISTING CONDITIONS

A. US Route 4

1. Roadway – The pavement width is approximately 30 feet (12' travel lanes and 3' shoulders) on the west approach and through the bridge area. The east approach tapers out to 45 feet to accommodate turning lanes at Morgan Way.

2. Alignment – The existing alignment has an 1150' radius on the west approach.

3. Profile – The existing profile consists of a 7% grade and a K sag = 36 (25 mph) and K crest = 63 (45 mph).

4. Posted Speed – The posted speed is 45 mph.

5. Bridge – The existing bridge was built in 1933. It is not currently listed on the Department's Red List, but has required recent repairs. The deck and superstructure are listed in fair condition. The substructure is listed in satisfactory condition according to the June 8, 2016 bridge inspection report. The superstructure consists of a cast-in-place concrete slab. According to the existing bridge plans, the substructure consists of spread footings founded on timber piles. The clear span is 15 feet and the rail-to-rail width is 30 feet. The bridge is on the Department's 10-Year Plan for replacement.

III. PROBLEMS AND SOLUTIONS

A. Problem: The existing bridge is at the end of its service life.
Solution: Design and construct a new bridge.

B. Problem: Existing bridge width is substandard for traffic volume and bicycle lane width.
Solution: Construct new bridge with 12-foot lanes and 5-foot shoulders.

C. Problem: Intersection Sight Distance at Morgan Way does not meet the 45 mph posted speed.
Solution: Design US Route 4 to achieve the Intersection Sight Distance by cutting the crest vertical curve and raising the east end of the causeway.

D. Problem: The sag vertical curve in close proximity to the bridge does not meet the 45 mph posted speed.
Solution: Design US Route 4 to the minimum K values for 45 mph by raising the grade at the bridge and cutting into the crest vertical curve.

IV. DESIGN RECOMMENDATIONS AND CONSIDERATIONS

A. Design Speed, Superelevation, and other Design Criteria:

1. Functional Classification: US Route 4 = Urban Arterial (NHDOT Direction on 9-4-13)

2. Design Speed = 45 mph (NHDOT Direction on 9-3-13)

3. Superelevation: e max = 8% (HDM, p.3-13; AASHTO, p. 7-4)

4. Clear Zone (Roadside Design Guide, p. 3-3)

	1:6 or Flatter	1:5 – 1:4	1:3 or Steeper
Fill Slopes =	20’-22’	24’-28’	-
Cut Slopes =	20’-22’	18’-20’	14’-16’

5. Horizontal Alignment

Minimum Radius = 587’ (AASHTO, p. 3-47)
Min. Radius w/RC = 4930’ (AASHTO, p. 3-47)
Min. Radius w/NC = 6710’ (AASHTO, p. 3-47)

6. Vertical Alignment

Minimum Grade = 0.4% (0.5% preferred) (AASHTO, p. 3-119; HDM p. 4-26)
Maximum Grade = 7% (AASHTO, p. 7-29, rolling)
Minimum K Crest = 61 (AASHTO, p. 3-155)
Minimum K Sag = 79 (AASHTO, p. 3-161)

7. Stopping Sight Distance (Minimum) = 360’ (AASHTO, p. 7-3)

Stopping Sight Distance on Grades: (AASHTO, p. 3-5)

3% Downgrade = 378’
6% Downgrade = 400’
3% Upgrade = 344’
6% Upgrade = 331’

8. Intersection Sight Distance

Case B1 – Left Turn from Morgan Way onto US Route 4:
Passenger cars = 500' (AASHTO, p. 9-38)

Case B2 – Right Turn from Morgan Way onto US Route 4:
Passenger cars = 430' (AASHTO, p. 9-41)

Case F – Left Turn from US Route 4 onto Morgan Way:
Passenger cars = 365' (AASHTO, p. 9-52)

B. Typical Section:

ROAD	TYPE	TYPICAL	TRAVEL WAY	SHOULDERS	STRUCTURAL SECTION*
US Route 4	Class I	12-5-5	24 feet (AASHTO, p. 7-5)	5 feet (NHDOT: 9-3-13)	7" HBP 12" Cr. Stone (Fine) 12" Cr. Stone (Coarse) 12" Sand

* See 4/18/17 report from Materials & Research

C. Bridge: There were three (3) bridge alternatives considered for the online Option 3 horizontal alignment (preferred). Alternative 1 is a 14-day closure utilizing accelerated bridge construction (ABC) as discussed later in this report. The proposed bridge would be constructed normal to Bunker Creek and would have a clear span of 30 feet. The span between bearing lines would be approximately 36 feet. The proposed superstructure would consist of precast concrete Type D NEXT Beams, chosen for their economy and reduced construction time, with waterproofing membrane and pavement. The proposed substructure would consist of precast concrete carrying beams supported by two drilled shafts (assumed 4 to 5 feet diameter) at each carrying beam. These drilled shafts would be installed prior to the 14 day closure and outside the limits of the existing bridge foundation. Temporary staging platforms would be constructed for the drill rigs to operate while traffic is maintained in a minimum of one lane. A retaining structure would be required between these drilled shafts to retain the roadway fill. Retaining walls would be required at all four corners of the bridge and would also be supported on drilled shafts (assumed 18-inch diameter). At the 30-foot span length, too many potential obstructions exist which could drive the costs up significantly and extend the closure period.

Alternative 2 requires the use of a temporary bridge and on-site diversion road to maintain traffic. The proposed bridge would have a clear span of 42 feet to facilitate use of integral abutments. NEXT Beams or Voided Deck Beams would be economical superstructure types for this alternative. The integral abutments would be supported on pre-drilled steel piles socketed into the bedrock. Retaining walls would be required at all four corners and will also be supported on pre-drilled steel piles socketed into the bedrock. The cost, environmental impacts, and property impacts associated with constructing the temporary bridge and on-site diversion makes this alternative undesirable.

Alternative 3 consists of a modification of Alternative 1 where integral abutments are used, thus eliminating the need for extended retaining walls and retaining structures for the ABC alternative. It has a proposed bridge clear span of 76 feet which would allow the armored slopes to be constructed without needing extended retaining walls adjacent to the roadway. The proposed superstructure would consist of Prefabricated Bridge Units (PBU's), which consist of steel beams and a concrete deck. The integral abutments would be constructed with short wing walls extended parallel to the abutment face. The abutments would be supported on either driven steel piles or pre-drilled steel piles socketed into the bedrock. Discussions with foundation contractors helped determine that a drilled pile could possibly take a full day due to the extreme hardness of the existing bedrock. Driving piles is the preferred option. The minimum span length for integral abutments which would avoid potential obstructions during pile driving or drilling is 62 feet. Further geotechnical analysis is required to determine if integral abutments with driven piles are feasible with the existing soil conditions.

D. Drainage and Stormwater Treatment: The proposed action includes reconstruction of the existing drainage system throughout the project, with new drainage structures for improved stormwater conveyance and treatment. It is anticipated that a majority of the stormwater runoff will sheet flow from the paved surfaces to proposed vegetated or stone slopes as it does currently; however, the additional impervious area will require treatment. Conceptual stormwater treatment includes a proposed swale on the north side of US Route 4 on the Town-owned parcel. The existing wetland swale on the north side of US Route 4, just east of the bridge, will be re-established to continue to provide water quality improvement as the water flows to the proposed treatment swale. The area of impervious surface proposed to be treated by the swale is 0.17 acres, which is approximately twice the proposed increase in impervious surface for the entire project. In order to collect and treat 0.17 acres, the existing culvert at Station 123+00 would be eliminated and the side slopes near Sta. 124+00 would be regraded. A small amount of stormwater will be caught with catch basins proposed to the east of the bridge (to eliminate water crossing the bridge). Additional catch basins are proposed at the low point (with flankers) and the "0" Section for the winter snow curb effect. These structures will outlet to the adjacent slopes. A proposed 24" RCP crossing US Route 4 just west of Morgan Way replaces the existing deteriorating, miss-matched pipe in that same location.

E. Environmental: See the November 2017 Categorical Exclusion document for details. A summary is provided below.

1. Wetlands: The wetlands have been delineated, located, and are shown on the base plan. Permanent impacts to tidal wetlands (mudflat/salt marsh), 100-year floodplain, tidal buffer zone, and protected shoreland will result from the slope grading (1.5:1). It is anticipated that mitigation will be required for permanent wetland impacts. The proposed roadway and bridge design will limit impacts as much as possible.

2. Water Quality: Both Bunker Creek and Oyster River have surface water impairments. Both are impaired for chlorophyll a, dioxins, dissolved oxygen, bacteria, impaired biota, turbidity, mercury, nitrogen, and PCB's. There are no TMDLs for Bunker Creek. The only TMDL for Oyster River is bacteria.

3. Threatened or Endangered Species/Natural Communities: The Natural Heritage Bureau reported records of exemplary natural communities in and near the project area, a historic record of a state endangered plant (crested sedge), and records of the State endangered New England cottontail. Temporary and permanent impacts from roadway construction are anticipated in the vegetated intertidal/subtidal system. Impacts to crested sedge are not anticipated. A review of the April 2013 aerial photo and the site review in October 2013 indicate little to no suitable habitat present in the project area for cottontail.

4. Historic/Archaeological: No historic or archaeological resources are affected by the project. Monitoring is required for any work within 25' of the cemetery near Station 128+25, RT. The Fish & Game property (Parcel #1) has been identified as a 4(f) resource. The project has been designed to avoid impacts to this property.

5. Wildlife and Fisheries: NOAA provided recommendations to mitigate effects to the Essential Fish Habitat, including restricting activity in the tidal waters from February 15th through June 30th.

F. Right of Way (ROW): Existing ROW varies from 50' to 100' wide, generally following old stone walls. The horizontal roadway alignment of the preferred online option is proposed to be shifted eight (8) feet to the north side at the bridge crossing to localize the impacts to the tidal area to the north side and to reduce ROW impacts to the properties located along the south side of US Route 4. The vertical alignment is raised at the bridge and cut at the crest to the east which will create temporary and permanent slope impacts. Additional ROW will need to be acquired on the south side of US Route 4 to accommodate the widening of the bridge and for future roadway maintenance and snow plowing. The areas to be acquired are strip takes of less than 15 feet of undeveloped portions of the properties directly adjacent to the existing road. No more than 4.8% of any individual property will be impacted by these acquisitions.

G. Preferred Option: The preferred option is Option 3, which is the online option where US Route 4 is reconstructed on the existing alignment with a proposed horizontal shift of eight (8) feet to the north side at the bridge crossing and matches the existing geometry at Morgan Way. The vertical alignment is raised 4.1' at the bridge and cut 1.4' at the crest to the east to meet the 45 mph design requirements while minimizing impacts to adjacent properties and natural resources.

H. Other Alternatives:

1. Bridge Rehabilitation: The existing bridge is in an advanced state of disrepair and has substandard width for the existing vehicular and bicycle traffic. Rehabilitation will be cost prohibitive.
2. Bridge Replacement utilizing Phase Construction: The existing bridge does not have sufficient width to accommodate safe passage during phased construction without additional unnecessary widening and impact to adjacent properties.
3. Option 1: This option included an off-line realignment of US Route 4 to the north of the existing bridge and causeway. This option allowed for construction of the new bridge and causeway offline while traffic was maintained on the existing roadway. This option is not preferred due to impacts to conservation property, private property, and natural and possible cultural resources. This option was also not preferred by the public.

4. Option 2: This option included an off-line realignment of US Route 4 to the south of the existing bridge and causeway. This option allowed for construction of the new bridge and causeway offline while traffic was maintained on the existing roadway. This option is not preferred due to impacts to private property, and natural and possible cultural resources. This option was also not preferred by the public.

I. Maintenance of Traffic: The plan for maintaining traffic during construction is to close the bridge for a maximum of 14 days and use Accelerated Bridge Construction techniques while constructing the remainder of the project under traffic. This would require a lengthy detour of up to 12 miles, but received local public support.

J. Public Utilities: Utilities identified along the north side project include:

Fairpoint Communications	Overhead & Abandoned Underground Telephone
Comcast	Overhead Coax Cable
Public Service of New Hampshire	Overhead Electric

The poles are jointly owned by Fairpoint Communications, PSNH, and Comcast with Fairpoint responsible for maintenance. The Town of Durham is responsible for the overhead lights mounted on either side of the US Route 4 and Morgan Way intersection.

K. Accidents: Accident Data from 2007 – 2011 shows there were a total of 17 accidents in the project area. See Appendix F for additional information.

L. Traffic: AADT = 17,000 vpd (2017), 5.6% AADT Trucks, and projected AADT = 21,000 (2037) as reported in NHDOT's December 12, 2012, Traffic Data Sheet. See Appendix F for additional information.

M. Survey: The project site has been topographically surveyed. The need for additional survey is not anticipated at this time.

N. Soils: Based on the 1933 bridge plan boring information, rock depths vary through the project site from greater than 50 feet below the surface to the west and exposed ledge outcrops to the east. The soils within the tidal marsh, as with much of the coastal soils around Portsmouth, are expected to be compressible unsuitable material. See the preliminary geotechnical report dated 11/20/2017.

O. Hydrology/Hydraulics – See Hydraulic & Scour Analysis (November 2017).

Appendix A
Photographs

US Route 4 looking west from crest vertical curve

US Route 4 looking east toward bridge

US Route 4 looking west from Morgan Way intersection (note sight distance)

Looking east from Morgan Way intersection

South side of bridge looking north near low tide

North side of bridge looking west

Tidal marsh looking north from US Route 4 near low tide

Tidal marsh looking north from US Route 4

Oyster River looking south from US Route 4 near low tide

US Route 4 looking west from south shoulder east of Morgan Way

Appendix B
Traffic and Accident Data

STATE OF NEW HAMPSHIRE

-INTRA-DEPARTMENT COMMUNICATION-

FROM: Robert E. Bollinger, P.E., PTOE
Traffic Operations Engineer

DATE: May 15, 2013

AT OFFICE:
Department of Transportation
Bureau of Traffic

SUBJECT: Traffic Data

TO: John D. Butler, P.E.
Bureau of Highway Design

The following traffic data is provided per your request of: December 12, 2012

I. PROJECT INFORMATION

A. Town: Durham

B. Project No. 16236

C. Location(s): US 4 bridge replacement over Bunker Creek (Bridge No. 145/116)

D. Growth Rate: 1.0% per year

II. TRAFFIC INFORMATION

A. [X] See attached sheets (raw speed data; raw class data; 2011 & 2012 hourly detail sheets)

B. Traffic Data

2017	AADT	=	17,000 (vpd)
2037	AADT	=	21,000 (vpd)
2017	DHV	=	1,800 (vph)
2037	DHV	=	2,200 (vph)
2017	DDHV	=	1,000 (vph)
2037	DDHV	=	1,200 (vph)
2017	AWD AM Peak	=	1,200 (vph)
2037	AWD AM Peak	=	1,500 (vph)
2017	AWD PM Peak	=	1,500 (vph)
2037	AWD PM Peak	=	1,900 (vph)

C. Speed Data

EB	Observations	=	58,590 (veh)
WB	Observations	=	56,987 (veh)
EB	Avg. Speed	=	49 (mph)
WB	Avg. Speed	=	47 (mph)
EB	85th %tile Speed	=	54 (mph)
WB	85th %tile Speed	=	52 (mph)
EB	10 mph pace	=	45-55 (mph)
WB	10 mph pace	=	40-50 (mph)

D. Mean Year ADL =

350 at Location = US 4, at Bridge No. 145/116 # Lanes = 2

E. Percent Trucks:

3.2 % DHV; 5.6 % AADT at Location: US 4, at Bridge No. 145/116

Calculations by: REB
Checked by: _____

S:\Traffic\TOWNFILE\Durham\Projects\16236\Traffic Research\13_0515_16236_TrafficDataSheet

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF JANUARY 2011

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
1	2	1	85	48	31	22	27	52	96	188	309	443	755	895	956	1026	988	1190	934	762	915	481	293	225	146	89	10956
1	9	1	106	74	39	38	22	66	196	249	299	451	654	849	999	956	950	1145	965	764	562	361	306	247	151	79	10528
1	16	1	105	75	37	34	22	57	135	184	300	499	717	946	998	917	1001	1028	807	549	463	368	357	260	166	93	10118
1	23	1	139	72	38	26	20	53	136	202	352	613	757	936	1267	1605	1679	1772	1665	1295	906	666	439	267	171	83	15159
1	30	1	158	92	47	38	26	38	131	228	343	509	764	1016	1174	1343	1223	1238	1160	968	830	580	377	257	180	83	12803
1	3	2	45	38	28	45	68	281	591	1003	834	738	718	829	788	910	1012	1162	1240	1153	730	500	372	337	155	96	13673
1	10	2	50	34	31	29	89	316	629	1126	921	715	681	706	736	787	988	1129	1287	1222	782	457	379	320	150	88	13652
1	17	2	60	38	27	31	51	184	375	616	613	635	784	916	930	983	1061	1099	1084	1076	779	502	381	367	176	105	12873
1	24	2	53	37	32	33	83	284	613	1044	984	811	846	887	1049	1055	1249	1396	1499	1415	905	629	448	393	193	99	16037
1	31	2	50	42	34	34	80	305	657	1244	1032	850	760	837	919	933	1070	1297	1302	1331	933	584	477	435	212	126	15544
1	4	3	98	40	37	38	74	325	609	1139	990	741	658	789	793	786	993	1146	1224	1208	816	515	381	369	180	92	14041
1	11	3	114	32	38	46	89	319	655	1129	1005	801	748	788	825	837	1002	1270	1304	1316	848	579	445	388	242	122	14942
1	18	3	66	32	32	40	94	319	551	905	688	523	426	415	448	509	482	485	522	441	279	154	125	105	83	59	7783
1	25	3	102	41	30	34	73	311	568	1186	928	562	477	641	744	787	909	1126	1229	1179	875	571	430	384	199	117	13503
1	5	4	114	27	34	52	89	287	639	1035	996	716	720	808	774	875	997	1195	1214	1293	824	530	461	343	178	125	14326
1	12	4	119	44	42	38	65	148	238	289	192	138	126	126	144	170	213	282	314	248	150	143	151	102	82	61	3625
1	19	4	41	32	33	39	97	276	515	869	887	816	736	736	755	731	950	1152	1211	1136	706	431	368	263	182	115	13077
1	26	4	106	55	41	41	87	332	680	1180	1005	826	787	783	810	822	994	1185	1254	1237	836	504	426	315	162	98	14566
1	6	5	112	37	35	39	88	301	589	1151	969	691	716	829	795	868	992	1234	1272	1243	904	536	505	375	238	120	14639
1	13	5	42	23	28	48	72	296	570	1007	922	706	639	754	778	806	942	1127	1167	1226	818	533	404	384	210	128	13630
1	20	5	99	36	39	45	84	292	611	1016	1103	792	733	860	945	888	1036	1235	1298	1287	934	627	508	440	249	145	15302
1	27	5	106	36	37	50	80	216	432	694	725	758	651	643	776	753	884	1163	1208	1295	938	590	472	443	242	105	13297
1	7	6	127	41	28	45	84	302	585	1036	899	732	738	867	925	935	1132	1360	1282	1304	1089	630	530	762	302	182	15917
1	14	6	127	48	40	38	90	266	564	1055	980	744	787	847	944	991	1046	1223	1246	1268	1032	703	554	522	333	228	15676
1	21	6	114	48	38	42	106	221	413	563	431	316	303	330	409	472	703	860	971	988	860	488	429	635	276	176	10192
1	28	6	127	54	43	57	82	288	610	1089	975	802	782	961	989	1117	1268	1490	1459	1398	1313	807	639	522	435	227	17534
1	1	7	194	159	58	55	24	58	79	124	251	377	655	896	990	1111	1080	1071	930	808	704	495	421	304	224	129	11197
1	8	7	162	57	37	34	44	90	293	331	368	590	694	886	999	951	888	1112	955	803	681	507	410	359	253	170	11674
1	15	7	157	68	30	35	44	69	178	294	455	637	782	1008	1125	1028	1086	1160	951	879	691	533	455	417	301	193	12576
1	22	7	146	62	49	39	49	91	183	297	456	602	843	1029	1095	1122	1176	1292	1228	1195	1051	624	486	808	444	217	14584
1	29	7	196	85	50	37	47	67	158	327	452	713	823	1035	1228	1168	1313	1331	1256	1213	1138	651	613	840	367	211	15319

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2011	January	31	11913	13516	13070	13185	408743		-4.50%
02	133021	2010	January	29	11664	14457	13219	13807	428018		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	503	1194	1275
WEEKDAY	979	816	1191
SATURDAY	584	1117	1195

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF FEBRUARY 2011

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
2	6	1	104	58	30	33	29	62	114	205	360	474	764	960	1078	1069	1105	1189	1118	850	637	330	276	206	235	119	11405
2	13	1	155	85	37	39	37	57	137	199	325	483	814	1097	1230	1215	1284	1381	1219	1043	982	677	466	341	164	111	13578
2	20	1	144	82	42	31	35	76	132	204	359	546	827	1080	1285	1259	1219	1283	1259	1011	872	615	431	352	194	103	13441
2	27	1	146	102	47	40	43	64	119	157	226	266	527	668	819	890	993	1028	867	796	699	496	373	235	151	97	9849
2	7	2	52	28	36	38	97	301	656	1219	1074	824	751	792	887	852	1075	1207	1383	1290	877	541	430	397	164	98	15069
2	14	2	59	30	34	43	86	310	675	1227	1030	827	791	866	954	951	1068	1354	1472	1455	1088	742	567	555	238	144	16566
2	21	2	54	39	38	34	70	160	353	783	806	782	845	974	1027	1044	1096	1188	1207	1210	788	532	428	359	172	100	14089
2	28	2	56	37	42	36	83	322	627	990	919	685	501	616	678	710	866	1057	1111	1138	771	494	368	332	175	108	12722
2	1	3	111	39	37	48	91	336	691	1184	998	790	634	646	645	645	672	770	733	681	444	263	205	201	126	91	11081
2	8	3	99	29	45	30	94	321	596	1027	903	827	665	673	762	785	958	1201	1241	1292	936	617	473	414	172	122	14282
2	15	3	99	38	42	42	93	330	691	1252	1021	850	729	865	851	867	969	1230	1252	1315	894	606	466	410	204	115	15231
2	22	3	48	29	36	40	102	333	630	1124	1040	886	804	889	994	1018	1064	1304	1352	1422	960	601	505	478	224	133	16016
2	2	4	69	45	38	32	51	109	183	199	158	123	103	131	151	194	273	293	356	353	284	189	137	164	89	64	3788
2	9	4	95	40	35	47	90	331	683	1177	1058	772	776	763	968	902	1074	1355	1318	1428	1029	662	582	454	218	122	15979
2	16	4	86	33	37	38	77	345	667	1227	1080	774	765	803	930	910	1139	1285	1398	1361	1012	624	559	430	241	146	15967
2	23	4	81	35	27	46	90	310	634	1094	1000	842	864	915	1030	960	1117	1308	1371	1405	1029	663	593	459	245	143	16261
2	3	5	37	31	26	44	93	271	659	1098	941	814	719	759	878	859	978	1271	1323	1378	1112	657	537	453	286	141	15365
2	10	5	121	36	43	39	88	335	684	1186	1020	850	761	896	954	930	1047	1288	1359	1421	1024	679	589	453	233	144	16180
2	17	5	118	36	38	50	88	337	643	1259	968	801	724	827	913	966	1079	1321	1399	1452	1065	688	570	447	262	113	16164
2	24	5	118	50	34	44	78	323	637	1063	1007	837	800	1007	1072	979	1142	1414	1411	1534	1017	723	603	498	231	149	16771
2	4	6	124	54	43	46	95	310	658	1122	1004	812	781	921	1034	1046	1310	1553	1511	1432	1460	984	615	763	693	243	18614
2	11	6	137	47	54	42	69	285	590	1094	1069	858	914	1028	1182	1102	1280	1555	1530	1450	1433	834	657	962	400	222	18794
2	18	6	116	57	39	52	78	286	595	1152	1051	854	892	1053	1119	1199	1428	1496	1496	1440	1274	802	651	603	342	222	18297
2	25	6	108	60	57	43	101	262	512	792	661	575	500	631	747	755	838	980	954	945	897	490	404	605	253	143	12313
2	5	7	202	71	51	44	52	108	282	361	465	641	863	1066	1128	1228	1180	1258	1039	934	912	432	349	708	270	150	13794
2	12	7	181	97	41	44	52	92	162	365	498	681	968	1141	1308	1316	1372	1375	1278	1236	1113	725	602	604	346	244	15841
2	19	7	169	78	52	33	43	87	179	376	521	751	953	1144	1262	1254	1274	1309	1258	1248	1003	735	612	552	320	237	15450
2	26	7	128	55	43	40	45	92	197	314	532	741	1017	1110	1307	1265	1334	1321	1245	1243	985	696	590	518	358	202	15378

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2011	February	28	12068	14977	15116	14582	408285		-7.23%
02	133021	2010	February	26	13806	15931	16561	15717	440082		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	442	1121	1220
WEEKDAY	1065	904	1298
SATURDAY	704	1278	1319

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF MARCH 2011

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
3	6	1	153	97	42	30	24	66	250	245	342	630	820	1124	1213	1258	1241	1286	1108	949	799	528	437	301	163	98	13204
3	1	3	87	33	44	44	76	337	628	1221	1055	800	790	871	941	853	1032	1216	1330	1380	901	635	482	403	232	136	15527
3	2	4	89	34	30	42	74	324	668	1210	1095	821	821	840	922	854	1062	1212	1365	1318	846	610	501	440	212	127	15517
3	3	5	109	45	38	35	80	343	648	1216	943	774	815	862	930	973	1080	1315	1386	1428	996	653	604	465	211	139	16088
3	4	6	118	47	28	46	80	296	599	1126	978	823	866	1037	1122	1153	1281	1533	1437	1553	1130	894	652	584	380	237	18000
3	5	7	162	70	50	35	57	79	263	311	476	735	915	1095	1251	1279	1329	1499	1477	1401	1389	739	678	579	410	254	16533

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2011	March	6	13204	16283	16533	15918	493457		-1.09%
02	133021	2010	March	30	13528	16442	16647	16093	498875		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	630	1258	1286
WEEKDAY	1193	997	1432
SATURDAY	735	1279	1499

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF APRIL 2011

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
4	10	1	155	102	43	32	20	69	147	259	389	615	879	1091	1397	1368	1310	1320	1265	1083	949	668	472	325	191	98	14247
4	17	1	137	76	47	45	29	60	120	230	324	577	899	1103	1282	1264	1248	1341	1211	1092	915	694	530	393	187	117	13921
4	24	1	115	91	47	26	31	47	92	186	300	461	635	913	991	810	817	814	888	1023	1116	965	827	456	248	142	12041
4	11	2	77	43	26	39	73	303	655	1209	1131	858	788	845	906	924	1091	1343	1338	1456	1009	635	529	428	188	116	16010
4	18	2	90	44	34	39	70	285	666	1037	1134	882	829	865	1083	997	1168	1356	1416	1411	972	675	513	442	232	116	16356
4	25	2	76	39	31	33	80	309	656	1196	1190	970	971	1004	1068	1046	1160	1347	1398	1392	980	700	486	440	189	129	16890
4	5	3	94	35	26	45	77	312	649	1191	1072	886	763	837	911	899	928	1190	1292	1328	993	670	536	386	203	137	15460
4	12	3	101	36	25	40	79	324	674	1234	1161	915	810	882	927	954	1084	1281	1389	1450	976	689	543	452	226	127	16379
4	19	3	113	34	32	41	88	301	650	1082	1066	947	895	889	1048	1021	1074	1244	1361	1458	1001	654	541	446	222	128	16336
4	26	3	104	46	32	45	81	304	654	1235	1024	890	804	844	964	918	1072	1233	1374	1430	1001	696	533	405	251	123	16063
4	6	4	99	28	28	44	77	325	666	1222	1157	805	769	815	917	946	1142	1315	1402	1465	1101	688	603	482	248	148	16492
4	13	4	108	29	25	49	73	314	655	1154	1150	799	731	779	881	863	1009	1220	1339	1402	966	659	583	487	236	153	15664
4	20	4	115	38	37	39	82	320	626	1074	1145	865	859	923	1068	983	1084	1284	1349	1562	1023	773	624	482	266	155	16776
4	27	4	98	32	38	43	85	301	630	1217	1142	862	786	913	1040	1029	1156	1379	1593	1565	1185	775	595	481	291	161	17397
4	7	5	106	58	34	38	89	297	688	1154	1120	877	808	846	990	963	1093	1366	1345	1562	1138	784	635	508	273	161	16933
4	14	5	116	41	26	44	79	302	673	1212	1118	899	760	865	971	982	1133	1349	1426	1625	1172	816	601	492	270	172	17144
4	21	5	114	40	32	40	82	270	641	1083	1079	916	868	965	1144	1078	1130	1410	1536	1625	1193	825	660	496	279	147	17653
4	28	5	114	47	19	54	70	282	655	1212	1099	890	778	913	1039	1073	1180	1467	1469	1569	1045	781	614	487	251	175	17283
4	8	6	141	59	36	52	74	292	598	1127	1237	871	900	1086	1177	1221	1408	1642	1605	1549	1258	848	695	599	430	304	19209
4	15	6	114	51	44	50	82	299	660	1111	1196	954	952	1092	1125	1299	1369	1658	1652	1641	1288	991	755	655	396	237	19671
4	22	6	131	54	42	54	68	271	623	946	1062	918	1084	1276	1443	1447	1502	1614	1594	1523	1153	877	636	606	408	238	19570
4	29	6	108	60	43	41	75	277	613	1061	1120	955	1020	1177	1350	1226	1472	1626	1687	1669	1244	990	818	679	503	326	20140
4	9	7	185	98	56	35	46	92	206	434	688	831	1115	1301	1419	1389	1405	1481	1424	1412	1218	898	694	678	390	244	17739
4	16	7	178	82	46	37	52	82	203	431	651	832	1000	1181	1323	1244	1315	1403	1339	1255	1051	843	614	606	400	240	16408
4	23	7	168	78	44	48	45	74	170	374	554	731	917	1079	1144	1150	1190	1177	1104	968	799	648	494	463	328	220	13967
4	30	7	263	122	73	54	42	98	261	522	614	914	1046	1252	1345	1365	1330	1219	1357	1241	1073	909	691	711	461	252	17215

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2011	April	26	13403	17233	16332	16572	497165		-4.23%
02	133021	2010	April	29	14390	17751	17755	17304	519106		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	551	1223	1259
WEEKDAY	1173	1073	1523
SATURDAY	827	1314	1358

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF MAY 2011

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
5	1	1	181	118	37	45	32	76	146	297	462	626	1100	1238	1310	1274	1349	1362	1227	1177	1036	716	448	387	229	130	15003
5	8	1	151	86	58	41	39	55	135	249	468	757	1104	1409	1427	1418	1388	1365	1388	1235	996	788	607	416	240	111	15931
5	15	1	149	81	51	31	33	70	158	291	315	575	790	1139	1216	1312	1288	1262	1140	1079	842	613	417	308	196	101	13457
5	22	1	132	105	51	38	35	67	158	272	501	769	935	1179	1369	1250	1134	1248	1076	1042	796	579	424	287	204	132	13783
5	29	1	128	82	50	28	30	63	122	247	376	667	857	1038	1070	1058	986	1043	1017	943	869	732	549	459	294	208	12916
5	2	2	73	53	50	55	82	337	691	1200	1122	872	813	879	948	988	1081	1327	1409	1433	998	672	534	385	195	165	16362
5	9	2	71	41	22	35	70	313	748	1259	1155	948	849	918	1004	1027	1145	1426	1505	1521	1053	658	529	438	237	120	17092
5	16	2	61	36	32	31	79	276	713	1110	1033	824	794	926	996	1008	1173	1334	1511	1548	974	678	539	428	202	136	16442
5	23	2	99	57	33	42	81	301	675	1173	1099	832	844	927	997	987	1053	1246	1312	1298	876	652	401	384	180	114	15663
5	30	2	108	69	29	21	33	66	159	249	437	606	805	1029	1003	1066	1038	1046	998	904	768	605	512	372	178	130	12231
5	3	3	108	64	54	48	82	304	690	1241	1170	910	797	882	925	981	1064	1281	1270	1459	1118	716	552	433	255	138	16542
5	10	3	125	56	47	46	84	317	735	1218	1092	893	801	838	988	995	1142	1374	1453	1448	959	734	537	452	244	144	16722
5	17	3	86	56	29	36	72	293	701	1226	1046	936	893	907	1077	1117	1253	1389	1546	1476	1139	791	579	438	227	133	17446
5	24	3	105	25	28	37	76	305	700	1236	1133	869	801	868	907	981	1061	1257	1373	1364	908	617	478	383	230	112	15854
5	31	3	60	35	25	36	79	322	717	1240	1102	870	885	914	992	957	1103	1311	1385	1410	965	686	485	420	204	126	16329
5	4	4	102	44	59	46	94	305	697	1186	1162	824	801	845	1013	921	1132	1364	1402	1484	1008	718	571	444	234	141	16597
5	11	4	110	24	25	36	83	309	700	1115	1183	862	798	901	958	1052	1164	1387	1520	1502	1090	802	583	459	233	157	17053
5	18	4	103	61	26	39	82	295	686	1170	1107	860	924	1071	1114	1216	1331	1542	1673	1533	1242	763	638	492	262	147	18377
5	25	4	80	40	21	30	56	328	735	1244	1121	876	847	872	917	913	1098	1291	1408	1386	991	695	536	446	234	162	16327
5	5	5	88	26	37	36	79	292	674	1169	1151	851	887	934	1027	1032	1191	1380	1459	1520	1113	822	651	570	302	183	17474
5	12	5	111	68	47	60	87	327	745	1163	1057	881	886	947	1027	994	1250	1382	1591	1599	1149	825	708	543	283	155	17885
5	19	5	130	44	37	31	90	288	665	1136	1080	896	854	1050	1132	1176	1330	1412	1515	1570	1197	824	664	494	294	155	18064
5	26	5	111	36	46	34	70	332	713	1261	1076	833	921	986	968	1028	1166	1372	1452	1378	1003	776	650	457	273	161	17103
5	6	6	159	89	75	66	92	285	692	1167	1111	903	965	1102	1302	1319	1470	1605	1703	1584	1335	974	767	648	425	335	20173
5	13	6	116	48	26	45	83	291	684	1145	1055	977	955	1128	1278	1249	1418	1562	1608	1687	1385	959	816	734	472	280	20001
5	20	6	144	58	55	44	76	266	641	1118	1102	924	983	1108	1317	1350	1664	1883	1687	1575	1813	1386	843	1050	718	360	22165
5	27	6	114	44	40	43	82	262	587	1114	973	926	976	1015	1078	1109	1275	1420	1217	1237	976	783	591	545	339	229	16975
5	7	7	213	105	43	41	38	87	238	434	629	866	1093	1330	1473	1460	1488	1297	1433	1296	1095	902	743	669	428	263	17664
5	14	7	218	101	60	41	42	95	334	511	630	827	1060	1202	1276	1288	1237	1383	1336	1272	1110	819	625	548	392	270	16677
5	21	7	217	124	63	33	51	93	297	860	1469	1147	969	1113	1637	1711	1428	1406	1485	1275	1143	861	656	599	371	247	19255
5	28	7	185	85	40	33	41	73	207	399	510	719	872	1057	1043	997	995	1033	1005	866	865	699	579	485	359	183	13330

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2011	May	31	14218	17222	16732	16674	516893		-5.65%
02	133021	2010	May	30	15602	18129	17830	17673	547865		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	679	1298	1266
WEEKDAY	1162	1076	1501
SATURDAY	970	1382	1347

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF JUNE 2011

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
6	5	1	147	95	30	32	38	66	204	316	478	673	933	1145	1175	1220	1198	1241	1194	1030	797	617	449	320	194	108	13700
6	12	1	147	85	49	25	31	71	161	221	478	579	839	1057	1209	1272	1163	1218	1091	917	830	546	403	335	178	93	12998
6	19	1	109	71	37	26	42	77	149	295	489	779	1055	1161	1257	1202	1136	1209	1141	1020	967	770	577	376	220	130	14295
6	26	1	138	79	43	52	40	91	179	249	425	692	914	1207	1199	1197	1195	1239	1190	1043	941	634	522	401	238	123	14031
6	6	2	76	34	36	36	91	342	732	1226	1124	808	803	1008	989	931	1032	1239	1385	1385	941	719	512	415	202	144	16210
6	13	2	63	35	26	35	78	337	716	1216	1089	841	833	1012	990	950	1079	1276	1465	1483	921	652	501	336	173	152	16259
6	20	2	69	27	26	34	85	341	741	1180	1082	923	918	1026	1127	1008	1109	1367	1466	1472	1025	674	551	429	247	149	17076
6	27	2	75	61	34	43	105	355	705	1182	1213	1028	1015	1027	1089	997	1173	1293	1482	1538	946	690	646	520	283	151	17651
6	7	3	107	45	28	42	89	337	721	1307	1180	880	864	1015	970	996	1120	1347	1452	1419	920	703	546	481	242	132	16943
6	14	3	110	36	24	42	86	330	726	1318	1165	941	903	982	995	974	1076	1325	1513	1452	944	642	538	428	258	126	16934
6	21	3	114	43	29	37	86	341	757	1310	1127	968	980	1069	1048	993	1163	1396	1543	1473	945	746	576	510	272	167	17693
6	28	3	113	38	34	29	88	364	694	1173	1152	997	915	979	1099	1015	1125	1289	1463	1419	1040	713	596	527	258	206	17326
6	1	4	99	48	27	32	72	316	717	1311	1156	827	765	903	947	934	1045	1326	1362	1310	819	572	490	392	189	180	15839
6	8	4	92	37	27	33	78	327	749	1238	1162	909	895	991	972	1002	1140	1384	1411	1416	1001	731	612	435	251	163	17056
6	15	4	103	28	25	31	76	343	736	1261	1093	928	830	906	945	1020	1164	1358	1454	1420	1019	744	612	468	209	229	17002
6	22	4	107	40	37	34	91	357	754	1217	1232	902	910	1014	984	1016	1148	1314	1416	1343	1083	655	543	514	286	142	17139
6	29	4	125	34	39	50	90	332	694	1143	1227	982	1012	1041	1085	1026	1140	1324	1496	1545	1099	793	648	607	345	182	18059
6	2	5	109	33	32	38	75	335	674	1204	1074	937	845	908	948	979	1091	1296	1436	1420	998	685	583	461	243	159	16563
6	9	5	117	40	33	33	87	324	721	1246	1123	1012	964	1048	1127	1046	1439	1388	1338	1261	1026	721	583	500	236	166	17579
6	23	5	110	38	32	43	86	337	680	1157	1149	946	896	970	1046	1050	1154	1484	1434	1366	1054	701	556	531	321	172	17313
6	30	5	136	69	46	42	98	353	717	1143	1217	994	1058	1065	1117	1083	1188	1372	1494	1431	1153	731	554	604	383	214	18262
6	3	6	94	57	41	48	74	309	684	1188	1094	882	844	1084	1045	1093	1305	1516	1380	1474	1123	802	706	604	394	241	18082
6	10	6	102	61	42	37	75	312	642	1193	1021	1034	989	1243	1162	1164	1347	1458	1491	1415	1110	875	679	603	336	261	18652
6	24	6	114	44	28	42	84	303	618	990	1055	949	984	1119	1110	1147	1322	1382	1440	1385	1134	801	636	586	382	219	17874
6	4	7	165	99	46	37	49	104	283	484	693	882	1143	1199	1210	1210	1260	1260	1250	1092	933	734	592	563	330	254	15872
6	11	7	178	99	46	40	54	115	242	486	693	789	1047	1137	1179	1133	1158	1230	1194	1059	802	669	530	541	328	204	14953
6	25	7	178	85	38	45	56	102	247	382	547	693	1025	1166	1197	1198	1268	1173	1128	1025	935	715	581	578	362	241	14965

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2011	June	27	13756	17276	15263	16538	496141		-2.97%
02	133021	2010	June	29	13998	17763	16137	17045	511335		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	681	1239	1227
WEEKDAY	1224	1062	1467
SATURDAY	788	1196	1253

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF JULY 2011

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
7	3	1	119	103	58	19	29	73	152	218	410	605	833	983	1035	1003	920	1010	975	821	734	580	424	415	353	176	12048
7	10	1	173	94	49	35	53	98	186	307	509	854	1057	1180	1219	1125	1201	1177	1211	1174	992	805	542	492	290	160	14983
7	17	1	155	113	55	33	50	265	258	418	646	968	1098	1232	1252	1155	1177	1191	1303	1297	1140	942	788	540	295	163	16534
7	24	1	171	108	39	31	34	102	205	260	456	766	1013	1171	1282	1173	1258	1346	1270	1180	1056	805	1037	497	287	146	15693
7	4	2	89	68	25	20	39	80	164	242	386	644	800	915	894	870	857	871	900	807	674	536	472	371	294	186	11204
7	18	2	119	58	35	42	98	345	732	1162	1200	985	1028	1060	1046	1032	1136	1343	1460	1431	962	688	583	441	280	112	17378
7	25	2	85	49	33	31	94	356	711	1149	1184	943	935	960	1096	1021	1114	1394	1374	1294	1011	622	498	434	232	136	16756
7	5	3	98	59	38	32	73	335	635	1091	1088	970	1073	1066	1079	1055	1134	1297	1473	1403	972	746	640	566	533	213	17669
7	19	3	116	34	30	39	99	343	731	1131	1203	962	961	961	1087	1030	1050	1363	1564	1472	954	751	664	560	315	157	17577
7	6	4	121	42	38	37	81	313	667	1086	1094	878	948	1001	1052	1012	1165	1302	1489	1452	999	692	585	541	304	167	17066
7	13	4	181	46	33	49	160	361	572	879	764	1042	1114	1189	1081	1021	1221	1337	1609	1539	1238	708	827	522	278	180	17951
7	20	4	137	47	32	44	97	354	719	1133	1158	963	967	1004	1047	1040	1181	1361	1533	1599	1105	747	681	574	342	182	18047
7	7	5	124	47	35	39	78	328	694	1136	1082	1018	1027	1141	1126	1111	1223	1356	1517	1438	1113	786	652	551	322	191	18135
7	14	5	121	43	28	50	90	338	700	1173	1141	1099	967	1031	1127	1090	1265	1456	1531	1499	1022	759	703	619	370	209	18431
7	21	5	150	288	42	49	103	313	745	1296	1191	1034	1007	1130	1160	1144	1212	1329	1423	1513	1115	812	713	613	365	230	18977
7	1	6	136	68	51	53	93	289	583	937	1083	1046	1089	1210	1215	1249	1273	1351	1325	1218	973	890	686	572	465	285	18140
7	8	6	134	65	42	53	80	307	629	1029	1006	920	1030	1130	1212	1231	1326	1389	1411	1337	1113	813	618	591	371	229	18066
7	15	6	133	61	158	67	99	324	676	1038	1145	1099	1177	1275	1210	1241	1417	1472	1471	1385	1342	882	726	674	499	260	19831
7	22	6	152	74	49	50	97	320	651	1021	1147	1052	1163	1196	1196	1195	1244	1341	1417	1380	1152	893	780	678	471	266	18985
7	2	7	168	103	47	47	61	109	219	381	641	927	1118	1213	1154	1084	1166	1031	996	1023	794	681	602	539	446	260	14810
7	9	7	167	76	40	41	52	118	280	434	610	940	1137	1233	1302	1227	1148	1184	1180	1133	937	772	626	610	427	271	15945
7	16	7	222	124	66	39	56	108	256	445	713	969	1226	1212	1298	1160	1166	1193	1217	1173	1007	896	777	649	513	255	16740

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2011	July	22	14814	17614	15832	16875	523129		-2.36%
02	133021	2010	July	30	14241	18067	16269	17283	535775		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	798	1197	1218
WEEKDAY	1108	1127	1447
SATURDAY	945	1271	1189

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF AUGUST 2011

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
8	28	1	148	94	62	32	26	48	100	166	242	337	417	399	408	384	424	475	537	549	555	432	312	220	135	66	6568
8	29	2	44	24	33	36	105	292	632	968	913	922	1044	1292	1421	1412	1545	1622	1684	1648	1162	876	677	560	277	168	19357
8	2	3	128	47	35	39	82	353	692	1147	1179	1003	996	1025	1073	1015	1172	1406	1440	1305	1019	682	553	450	294	177	17312
8	30	3	122	32	41	41	111	343	729	1378	1184	1033	1004	1015	1157	1202	1291	1500	1568	1692	1162	917	602	469	284	156	19033
8	31	4	119	52	37	38	88	324	801	1234	1143	917	909	1051	1086	1068	1298	1511	1582	1569	1151	800	672	405	247	160	18262
8	26	6	110	46	32	36	84	281	690	1112	1228	1297	1437	1652	1641	1696	1852	1946	1848	1792	1304	1037	777	766	544	283	23491
8	27	7	162	109	60	43	51	101	256	507	880	1270	1519	1761	1774	1758	1879	1788	1585	1411	1139	849	635	541	341	213	20632

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2011	August	7	6568	19491	20632	17971	557093	1.81%	
02	133021	2010	August	13	14698	18442	16993	17651	547196		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	337	417	555
WEEKDAY	1211	1296	1669
SATURDAY	1270	1774	1879

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF SEPTEMBER 2011

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
9	4	1	121	77	46	42	40	59	149	240	445	720	974	1247	1415	1337	1281	1367	1278	1211	1105	859	688	516	316	196	15729
9	11	1	145	104	67	43	30	90	214	317	450	791	970	1323	1441	1416	1345	1481	1438	1232	1013	723	551	347	204	103	15838
9	18	1	131	79	46	39	24	81	178	287	446	771	1051	1287	1411	1436	1374	1527	1334	1109	900	719	541	329	207	97	15404
9	25	1	147	102	55	39	54	106	227	395	624	777	1044	1260	1289	1195	1224	1168	1186	1265	1254	981	770	390	205	146	15903
9	5	2	85	57	37	18	43	70	173	255	486	718	1164	1323	1375	1400	1418	1407	1265	1114	954	716	534	399	229	105	15345
9	12	2	55	30	31	33	104	309	748	1274	1176	926	846	984	1068	1001	1194	1322	1483	1458	1027	655	479	416	191	144	16954
9	19	2	57	21	34	50	94	345	743	1243	1173	865	925	903	1029	991	1127	1351	1472	1491	1043	683	521	372	234	148	16915
9	26	2	74	40	46	37	112	334	827	1313	1220	1035	1010	1010	1066	1021	1170	1421	1397	1390	971	646	476	388	185	136	17325
9	6	3	62	23	29	36	90	325	774	1320	1108	918	835	1010	1022	1021	1150	1368	1494	1467	1032	674	559	378	207	123	17025
9	13	3	89	33	30	50	85	370	790	1265	1143	905	843	930	1064	998	1122	1324	1447	1476	1116	794	555	481	221	150	17281
9	20	3	112	30	31	43	114	326	771	1285	1122	901	797	880	997	997	1126	1325	1389	1503	1038	708	558	389	206	134	16782
9	27	3	93	54	32	46	114	346	772	1320	1114	866	803	886	960	993	1104	1407	1543	1467	1014	712	546	411	238	148	16989
9	7	4	79	39	36	45	92	312	746	1222	1256	794	832	925	973	1042	1146	1357	1398	1426	1079	705	605	389	203	130	16831
9	14	4	104	35	32	47	87	327	783	1233	1161	891	880	888	1059	1045	1149	1382	1514	1448	1083	783	600	425	223	125	17304
9	21	4	106	36	30	40	103	314	771	1278	1147	874	852	982	1069	1037	1233	1391	1550	1527	1074	741	591	423	224	137	17530
9	28	4	113	49	45	62	111	361	776	1223	1151	849	832	925	993	1000	1163	1422	1489	1458	1073	701	571	526	249	175	17317
9	1	5	124	40	34	40	89	316	805	1290	1114	927	882	985	1068	1042	1210	1512	1533	1632	1135	874	635	578	331	188	18384
9	8	5	100	31	25	35	85	331	754	1252	1112	915	840	940	1030	1095	1164	1379	1513	1549	1116	760	568	455	249	153	17451
9	15	5	86	42	28	45	89	321	744	1259	1009	912	868	843	1009	1021	1143	1375	1453	1387	1068	682	599	432	236	155	16806
9	22	5	106	49	36	40	120	309	768	1265	1131	958	928	914	1071	1109	1187	1474	1515	1602	1207	786	736	617	250	149	18327
9	29	5	96	60	48	45	103	333	745	1264	1107	890	841	955	1015	1017	1156	1408	1482	1500	1020	717	608	440	209	147	17206
9	2	6	138	66	66	59	96	265	631	1032	977	981	1120	1333	1397	1388	1569	1617	1661	1516	1227	966	819	673	382	264	20243
9	9	6	96	63	39	38	97	316	748	1230	1146	979	1079	1216	1280	1301	1584	1722	1703	1645	1355	1014	819	681	414	278	20843
9	16	6	115	70	43	41	94	289	693	1163	1023	917	1032	1203	1260	1366	1550	1660	1637	1551	1281	911	747	679	355	231	19911
9	23	6	100	56	45	51	99	285	716	1185	1168	924	1024	1352	1372	1304	1486	1570	1542	1525	1326	902	712	646	365	212	19967
9	30	6	120	49	46	36	101	304	736	1156	1049	971	1050	1211	1267	1354	1649	1728	1720	1736	1488	1077	858	796	470	333	21305
9	3	7	178	96	54	48	42	83	229	409	630	926	1148	1307	1487	1412	1373	1390	1344	1286	1109	940	748	614	377	223	17453
9	10	7	178	97	57	43	50	115	316	486	738	985	1153	1392	1506	1430	1487	1577	1607	1329	1136	927	777	648	378	277	18689
9	17	7	176	82	52	37	50	97	273	428	747	900	1174	1380	1584	1461	1458	1510	1516	1316	1170	826	722	612	348	220	18139
9	24	7	180	98	48	40	64	108	233	443	726	880	1053	1259	1399	1348	1383	1438	1419	1283	1157	916	769	646	393	248	17531

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2011	September	30	15718	17911	17953	17624	528727		-3.85%
02	133021	2010	September	27	16148	18476	19709	18330	549894		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	765	1395	1410
WEEKDAY	1219	1132	1541
SATURDAY	923	1494	1488

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF OCTOBER 2011

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
10	2	1	119	94	47	44	37	96	166	289	437	771	1150	1389	1493	1380	1427	1383	1291	1062	751	643	480	313	184	85	15131
10	9	1	129	99	39	39	35	88	176	296	520	770	1099	1288	1472	1286	1315	1501	1280	1085	944	715	570	387	264	125	15522
10	16	1	174	100	62	48	36	85	158	268	466	698	1056	1241	1415	1389	1418	1336	1374	1016	862	607	470	336	218	142	14975
10	23	1	146	75	49	32	35	75	221	277	461	749	1019	1244	1367	1372	1450	1405	1452	1184	976	688	526	324	202	108	15437
10	30	1	78	59	64	24	35	41	86	143	317	534	819	1004	1264	1201	1181	1241	1020	890	784	701	530	336	186	115	12653
10	3	2	61	40	30	42	98	325	792	1274	1186	865	751	975	969	970	1165	1384	1455	1347	1053	619	477	403	200	126	16607
10	10	2	76	44	40	40	69	214	482	806	827	919	1158	1299	1393	1325	1553	1540	1658	1580	1235	896	656	494	240	138	18682
10	17	2	73	36	28	36	94	358	755	1281	1171	795	884	948	957	977	1153	1376	1515	1481	1013	629	464	431	192	156	16803
10	24	2	49	25	34	39	109	372	746	1268	1125	901	855	964	974	958	1151	1324	1472	1421	958	602	517	390	203	155	16612
10	31	2	60	36	36	57	82	321	686	1060	1078	948	951	989	1033	1091	1182	1382	1349	1313	869	623	534	440	176	136	16432
10	4	3	107	37	34	39	88	341	735	1259	1069	889	716	866	958	917	1061	1266	1371	1439	954	623	475	434	228	140	16046
10	11	3	59	53	33	56	96	356	783	1281	1173	904	909	1008	1068	1095	1185	1450	1483	1438	950	675	509	447	220	132	17363
10	18	3	102	55	61	46	74	401	739	1328	1073	857	793	918	1023	941	1223	1357	1540	1491	1091	677	559	420	228	149	17146
10	25	3	106	38	29	41	103	368	757	1275	1118	863	778	905	1003	1031	1138	1431	1605	1533	1093	724	582	401	225	130	17277
10	5	4	86	28	32	36	100	335	794	1256	1169	957	889	927	1075	1015	1254	1423	1553	1526	999	743	579	434	249	141	17600
10	12	4	94	52	54	63	92	303	839	1262	1178	892	853	895	1026	1060	1129	1443	1551	1432	1055	633	544	432	244	122	17248
10	19	4	93	30	33	47	84	348	772	1210	1159	906	782	926	991	950	1167	1221	1426	1404	918	641	562	413	244	139	16466
10	26	4	93	27	39	34	94	359	769	1238	1151	861	858	905	1083	1014	1258	1423	1501	1494	1165	797	572	487	223	140	17585
10	6	5	88	33	37	34	97	353	764	1286	1135	931	868	930	1023	1111	1237	1485	1609	1568	1145	786	613	450	307	160	18050
10	13	5	99	42	28	36	92	328	728	1282	1072	866	765	906	996	996	1177	1245	1441	1574	1100	719	570	454	275	140	16931
10	20	5	92	38	28	43	101	350	747	1292	1126	940	791	918	979	1042	1179	1456	1497	1559	1165	755	644	465	250	190	17647
10	27	5	90	33	32	38	98	360	699	1268	1084	913	891	944	1082	1118	1225	1490	1549	1588	1233	766	662	460	253	155	18031
10	7	6	92	55	42	36	91	319	663	1187	1118	959	1064	1264	1360	1449	1622	1735	1648	1601	1410	900	791	714	395	225	20740
10	14	6	111	62	48	59	90	304	731	1164	1091	918	974	1054	1200	1157	1418	1457	1579	1615	1233	870	673	644	362	229	19043
10	21	6	107	57	38	40	92	352	747	1193	1077	925	1024	1169	1252	1292	1618	1763	1717	1738	1400	877	732	638	407	290	20545
10	28	6	88	61	42	43	92	286	665	1140	1158	983	977	1173	1336	1428	1619	1838	1810	1822	1661	1129	930	992	478	305	22056
10	1	7	181	113	56	42	58	111	250	471	706	1013	1418	1633	1609	1590	1682	2065	1705	1558	1764	1141	985	849	466	262	21728
10	8	7	153	76	51	35	63	92	248	443	780	960	1192	1496	1324	1291	1436	1566	1443	1290	1255	868	703	607	399	248	18019
10	15	7	146	94	66	34	53	97	284	458	690	949	1156	1432	1639	1543	1503	1659	1578	1515	1339	832	758	927	435	291	19478
10	22	7	153	94	44	44	44	112	293	547	951	968	1159	1290	1425	1464	1439	1312	1327	1179	952	775	771	667	451	305	17766
10	29	7	175	107	73	44	60	140	314	505	772	1029	1197	1249	1294	1317	1381	1580	1276	1066	734	497	362	412	231	140	15955

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2011	October	31	14744	17853	18589	17470	541574		-2.42%
02	133021	2010	October	26	15287	18526	17903	17903	554991		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	704	1403	1408
WEEKDAY	1227	1112	1565
SATURDAY	984	1510	1662

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF NOVEMBER 2011

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
11	6	1	133	88	29	26	38	75	230	329	498	760	1021	1310	1313	1307	1345	1336	1143	914	694	514	456	321	215	100	14195
11	13	1	150	108	57	35	35	72	181	302	395	641	871	1100	1247	1184	1283	1285	1229	1033	820	604	447	303	196	130	13708
11	20	1	219	138	53	43	33	58	158	279	410	657	894	1125	1376	1246	1239	1304	1190	993	735	554	470	318	198	120	13810
11	27	1	145	91	39	34	30	59	136	216	350	623	786	1022	1154	1245	1362	1437	1325	1041	892	731	679	415	219	129	14160
11	7	2	65	24	30	38	93	361	809	1271	1035	766	878	861	944	930	1119	1339	1411	1350	801	578	491	400	214	188	15996
11	14	2	72	42	35	38	88	257	716	1240	1169	910	831	862	986	964	1040	1234	1305	1333	878	571	485	425	206	129	15816
11	21	2	62	37	29	39	91	312	689	1234	1127	880	843	905	976	996	1214	1365	1432	1385	986	636	447	386	270	150	16491
11	28	2	62	42	27	34	95	292	697	1233	1142	925	891	987	1014	1024	1142	1261	1411	1370	905	628	471	361	182	139	16335
11	1	3	99	34	38	38	103	325	761	1302	1117	862	813	860	939	987	1095	1311	1447	1473	1004	571	495	406	201	122	16403
11	8	3	177	28	32	31	104	378	806	1321	1122	862	815	880	943	1008	1109	1387	1398	1422	860	626	519	445	247	140	16660
11	15	3	84	26	31	36	93	295	724	1286	1086	930	810	934	926	968	1133	1318	1436	1483	958	619	509	447	246	144	16522
11	22	3	114	57	37	51	99	283	677	1213	1124	928	978	1051	1201	1170	1428	1694	1774	1785	1348	913	676	495	299	183	19578
11	29	3	90	35	28	50	84	318	713	1297	1150	889	759	882	986	926	1067	1285	1377	1422	952	609	461	378	238	134	16130
11	2	4	75	30	27	53	95	357	753	1205	1070	865	850	859	932	948	1135	1386	1416	1452	961	628	557	382	218	153	16407
11	9	4	78	34	35	33	89	317	706	1200	1188	899	815	875	979	971	1171	1347	1525	1396	966	657	495	495	263	189	16723
11	16	4	93	46	39	40	80	308	701	1181	1087	833	796	872	993	988	1138	1342	1388	1340	967	613	523	526	241	137	16272
11	23	4	131	48	44	50	83	216	561	905	842	703	880	983	1240	1265	1343	1268	1227	992	701	528	388	317	208	179	15102
11	30	4	93	44	40	42	88	273	702	1250	1140	843	838	853	951	980	1171	1239	1376	1391	1015	617	536	457	218	166	16323
11	3	5	93	30	36	38	100	341	729	1236	1037	856	816	711	968	907	980	1160	1302	1513	1152	689	578	456	277	163	16168
11	10	5	108	41	20	35	102	288	681	1249	1128	925	866	969	1076	1060	1191	1384	1482	1508	1175	782	615	533	312	182	17712
11	17	5	93	36	37	44	84	295	683	1260	1135	909	828	904	1026	1019	1106	1386	1402	1413	1027	642	570	514	313	195	16921
11	24	5	101	59	30	26	22	47	112	220	241	502	658	793	753	463	392	355	456	509	515	512	407	363	233	274	8043
11	4	6	100	55	44	54	105	319	680	1154	1018	904	910	1106	1205	1206	1505	1553	1656	1695	1460	865	728	876	325	248	19771
11	11	6	153	66	54	45	84	167	444	871	860	957	1180	1450	1512	1431	1464	1548	1606	1486	1236	767	595	631	325	225	19157
11	18	6	129	59	174	60	83	291	681	1156	1094	933	893	1064	1200	1178	1424	1562	1582	1668	1491	930	677	950	438	250	19967
11	25	6	144	121	128	165	160	224	394	497	593	754	933	1061	1132	1116	1108	1127	1053	920	736	563	502	462	319	227	14439
11	5	7	172	71	51	44	58	114	303	503	629	897	1115	1319	1362	1343	1525	1498	1601	1449	1222	709	553	988	354	236	18116
11	12	7	139	96	57	41	51	115	200	427	707	847	1040	1202	1347	1292	1314	1368	1392	1226	909	708	518	546	367	221	16130
11	19	7	207	108	45	39	56	109	206	433	672	903	1203	1458	1295	1295	1365	1750	1810	1397	1094	801	615	586	378	325	18150
11	26	7	127	78	44	29	33	78	154	330	459	647	882	1038	1041	1109	1106	1166	1242	995	896	605	544	661	349	244	13857

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2011	November	30	13968	16497	16563	16169	485062		-1.95%
02	133021	2010	November	30	14176	16823	16972	16490	494703		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	670	1295	1343
WEEKDAY	1155	1054	1423
SATURDAY	824	1319	1511

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF DECEMBER 2011

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
12	4	1	157	110	63	31	41	65	180	278	413	657	937	1145	1337	1209	1183	1222	1172	907	745	588	481	311	175	86	13493
12	11	1	166	97	55	24	40	60	116	231	409	625	893	1105	1273	1256	1264	1153	1147	996	745	585	453	280	185	119	13277
12	18	1	150	110	42	33	32	66	117	244	369	616	877	1097	1183	1122	1070	1114	979	800	664	531	433	249	185	146	12229
12	25	1	49	31	6	12	13	34	51	93	141	248	367	494	496	471	429	411	403	326	403	360	310	235	161	78	5622
12	5	2	55	37	34	30	88	282	685	1205	1119	847	850	885	957	908	1106	1284	1398	1326	930	638	499	390	214	144	15911
12	12	2	52	34	41	44	91	281	657	1145	1091	851	877	916	1014	1031	1172	1321	1383	1387	906	646	500	386	242	158	16226
12	19	2	71	31	35	49	86	259	647	1109	954	813	844	1032	1034	1061	1203	1354	1430	1335	898	625	495	365	225	149	16104
12	26	2	48	33	24	24	37	76	158	227	312	516	836	997	1099	1097	1198	1144	1035	861	711	588	443	370	240	141	12215
12	6	3	88	33	41	35	85	285	706	1258	1112	855	823	897	954	973	1119	1299	1465	1324	936	629	527	405	262	159	16270
12	13	3	90	34	41	39	82	299	664	1292	1036	890	861	965	976	1009	1215	1346	1397	1412	1068	669	591	375	235	166	16752
12	20	3	112	28	37	39	88	286	677	1137	991	874	902	992	1092	1080	1197	1357	1348	1312	988	653	537	395	265	189	16576
12	27	3	76	50	47	37	73	213	454	668	644	698	879	1042	1057	1100	1162	1228	1203	1009	794	534	430	361	239	141	14139
12	7	4	89	30	30	48	83	294	685	1236	1140	850	834	939	954	1017	1122	1291	1370	1370	1035	640	551	423	258	168	16457
12	14	4	90	33	27	44	76	287	720	1187	1070	915	930	964	1180	1150	1243	1450	1493	1491	1068	707	610	432	292	173	17632
12	21	4	130	50	33	41	81	273	524	778	707	811	841	956	985	1080	1177	1253	1230	1169	1027	676	490	441	295	191	15239
12	28	4	84	56	31	30	83	221	503	694	680	726	896	979	1087	1118	1195	1194	1218	1141	847	584	459	353	260	141	14580
12	1	5	110	44	41	34	87	306	675	1270	1240	882	818	932	1016	1000	1153	1370	1446	1443	1016	690	588	439	267	150	17017
12	8	5	101	46	35	37	84	286	648	1227	1050	929	768	885	949	985	1170	1432	1506	1475	1333	715	570	725	337	194	17487
12	15	5	96	49	42	51	80	294	664	1254	1241	990	871	1012	1082	1110	1351	1418	1486	1534	1059	837	697	528	302	203	18251
12	22	5	126	61	28	36	76	274	635	1097	1028	915	944	1191	1093	1168	1373	1347	1366	1297	990	714	594	498	358	219	17428
12	29	5	119	46	32	43	81	210	504	712	683	738	875	1027	1036	1086	1167	1319	1247	1126	858	589	501	473	308	183	14963
12	2	6	99	52	49	35	72	282	672	1137	987	916	943	1059	1159	1191	1449	1620	1597	1609	1310	821	724	634	461	322	19200
12	9	6	111	69	47	46	86	249	627	1097	1082	949	948	1179	1145	1209	1569	1639	1585	1652	1357	861	730	629	455	294	19615
12	16	6	125	54	49	44	78	239	660	1041	985	1005	1144	1278	1384	1477	1619	1691	1646	1743	1324	904	728	668	516	303	20705
12	23	6	141	64	35	50	79	164	510	748	641	733	967	1109	1327	1305	1317	1306	1161	1012	796	661	570	448	326	259	15729
12	30	6	101	55	31	39	73	185	430	606	624	759	891	1065	1139	1179	1270	1365	1212	1122	1039	577	482	726	341	211	15522
12	3	7	196	103	40	29	58	104	302	461	608	824	1013	1210	1364	1455	1366	1588	1576	1368	1166	813	679	858	463	280	17924
12	10	7	192	102	48	47	45	95	210	413	630	846	1114	1372	1342	1430	1440	1485	1400	1265	999	821	622	607	450	305	17280
12	17	7	186	80	50	26	44	98	185	410	602	912	1157	1440	1483	1414	1410	1417	1271	1139	874	692	555	579	388	272	16684
12	24	7	151	78	40	27	25	73	169	290	423	686	882	976	1012	917	855	837	725	640	470	350	316	321	202	128	10593
12	31	7	115	88	41	28	24	70	121	203	280	418	592	894	1028	996	1062	1170	1018	905	788	511	438	351	253	168	11562

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2011	December	31	11155	16546	14809	15570	482682	0.03%	
02	133021	2010	December	31	11812	16386	14604	15566	482544		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	536	1072	1007
WEEKDAY	1031	1113	1413
SATURDAY	737	1282	1303

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF JANUARY 2012

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
1	1	1	181	162	69	42	28	40	80	111	251	423	609	874	960	918	910	874	798	658	587	403	263	215	144	113	9713
1	22	1	118	82	39	22	23	64	106	218	313	556	832	1099	1551	1883	1737	1431	941	755	936	594	434	284	180	100	14298
1	29	1	160	76	45	33	20	45	116	213	330	551	785	1076	1183	1249	1241	1283	1142	961	766	547	325	250	134	85	12616
1	2	2	44	41	26	29	42	88	190	299	369	491	783	898	1006	1017	1114	1007	947	797	601	430	316	322	173	122	11152
1	23	2	53	31	42	37	93	291	631	1001	913	736	717	894	1104	1068	1220	1367	1430	1319	883	577	422	338	170	124	15461
1	30	2	60	24	22	39	93	305	677	1147	1057	786	758	746	843	847	1049	1229	1370	1345	813	566	406	349	169	103	14803
1	3	3	48	32	31	43	76	293	697	1088	845	693	623	730	791	883	1009	1137	1200	1227	759	429	406	302	143	118	13603
1	24	3	94	36	26	42	82	297	685	1176	997	841	716	868	867	899	1031	1352	1411	1336	811	597	439	338	183	122	15246
1	31	3	86	26	37	37	83	291	598	1211	1028	728	640	710	749	829	912	1261	1272	1305	853	570	463	347	177	112	14325
1	4	4	84	39	36	44	70	278	663	1084	861	692	654	763	799	789	1036	1152	1286	1207	772	498	420	337	166	142	13872
1	25	4	95	35	35	26	90	301	687	1223	1045	751	733	804	921	860	1114	1301	1472	1272	951	583	469	423	169	139	15499
1	5	5	95	39	34	35	86	285	653	1104	924	776	753	793	862	832	1028	1179	1317	1201	856	499	427	374	193	145	14490
1	19	5	88	43	28	41	86	290	696	1105	968	797	676	752	818	902	973	1216	1226	1213	800	469	450	394	198	121	14350
1	26	5	91	32	39	37	92	310	728	1242	1006	827	791	816	886	932	1071	1252	1405	1419	943	590	423	377	230	110	15649
1	20	6	117	59	42	70	93	246	617	984	814	739	752	809	921	915	1114	1253	1355	1239	972	623	522	525	267	180	15228
1	27	6	100	46	48	52	97	265	603	978	841	708	659	756	929	935	1168	1344	1334	1275	1148	686	549	514	301	208	15544
1	21	7	134	76	35	24	29	71	193	313	382	470	586	672	725	668	744	845	875	851	947	509	409	717	253	169	10697
1	28	7	163	96	56	31	46	72	199	365	532	692	955	1214	1277	1338	1382	1446	1486	1326	1242	710	539	938	358	216	16679

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2012	January	18	12209	14556	13688	14065	436019	6.67%	
02	133021	2011	January	31	11913	13516	13070	13185	408743		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	510	1364	1310
WEEKDAY	1064	912	1329
SATURDAY	581	1032	1216

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF FEBRUARY 2012

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
2	5	1	132	89	41	21	23	71	198	249	347	484	737	894	1067	1008	1092	1069	949	749	375	208	137	160	461	167	10728
2	12	1	135	70	50	19	30	47	108	201	354	487	787	995	1224	1169	1142	1299	1180	952	843	587	407	294	172	109	12661
2	19	1	156	103	55	30	30	47	122	217	357	658	927	1136	1326	1293	1292	1383	1211	1049	907	605	450	365	175	99	13993
2	26	1	108	95	42	27	28	56	127	243	330	559	817	1041	1199	1143	1219	1207	1055	956	790	550	361	262	157	78	12450
2	6	2	72	33	25	48	87	273	663	1196	1050	808	799	779	926	869	1063	1209	1326	1288	816	524	436	359	187	115	14951
2	13	2	42	29	25	35	94	283	676	1166	1071	804	694	836	902	928	1047	1207	1326	1368	918	623	510	395	176	143	15298
2	20	2	60	31	24	37	67	164	477	920	857	861	942	1065	1113	1045	1155	1235	1292	1290	797	508	413	348	150	102	14953
2	27	2	60	23	41	34	82	290	632	1008	977	762	774	824	915	896	989	1140	1330	1287	808	548	407	339	166	106	14438
2	7	3	100	31	34	38	77	323	683	1222	992	790	731	857	864	896	1024	1224	1365	1331	909	605	469	389	180	126	15260
2	14	3	80	29	35	43	84	311	700	1165	990	842	779	899	911	974	1104	1331	1420	1514	1140	817	593	589	272	204	16826
2	21	3	52	30	28	29	83	326	703	1233	1042	830	744	884	977	886	1042	1298	1382	1366	957	601	481	355	151	125	15605
2	28	3	76	32	38	34	79	310	680	1058	963	823	786	913	956	921	1056	1242	1305	1368	907	634	510	411	192	137	15431
2	1	4	87	29	38	42	83	285	718	1132	1066	815	723	810	865	972	1039	1238	1440	1364	950	624	507	433	171	138	15569
2	8	4	102	33	32	40	90	270	736	1169	1024	799	767	876	992	967	1151	1329	1390	1394	929	660	474	410	191	166	15991
2	15	4	109	29	37	44	85	327	681	1189	1043	768	724	885	878	852	1011	1273	1302	1355	913	632	491	397	246	142	15413
2	22	4	89	38	35	49	75	307	717	1137	1086	811	765	876	992	974	1082	1380	1473	1381	983	634	504	427	208	119	16142
2	29	4	92	37	33	38	74	309	671	1032	988	828	846	886	976	898	1006	1099	1147	981	623	427	303	283	147	101	13825
2	2	5	102	36	42	42	79	322	716	1252	1025	821	721	810	857	884	1047	1265	1435	1429	946	621	511	396	221	162	15742
2	9	5	194	54	45	42	94	308	700	1200	977	821	730	864	846	918	1052	1314	1373	1432	1002	662	553	472	214	154	16021
2	16	5	102	36	33	38	79	304	692	1207	973	822	731	844	887	931	1062	1320	1406	1451	962	579	570	434	228	161	15852
2	23	5	84	51	32	46	78	334	726	1170	1031	873	753	924	937	960	1069	1393	1310	1457	1017	642	600	458	214	146	16305
2	3	6	108	45	54	36	90	277	693	1095	901	752	860	967	1123	1135	1305	1568	1494	1495	1385	842	609	658	512	234	18238
2	10	6	102	50	55	39	90	263	608	1089	1003	868	876	1045	1096	1196	1429	1516	1534	1494	1492	850	719	875	337	280	18906
2	17	6	109	42	48	43	81	240	638	1092	999	774	880	962	1067	1068	1341	1502	1530	1567	1369	820	618	886	389	263	18328
2	24	6	111	58	36	51	98	290	655	1029	1005	809	848	1021	1075	1062	1354	1523	1381	1362	1025	706	560	501	250	144	16954
2	4	7	172	87	48	36	44	95	277	367	488	668	904	1150	1226	1327	1216	1324	1319	1153	993	721	572	578	310	228	15303
2	11	7	173	95	55	43	33	79	171	355	457	636	815	1038	1227	1280	1227	1228	1232	1173	999	748	603	544	349	204	14764
2	18	7	164	106	54	34	31	85	200	347	504	761	1087	1198	1369	1409	1337	1579	1498	1431	1253	761	645	918	380	218	17369
2	25	7	151	75	41	34	48	100	211	364	538	695	921	1124	1228	1203	1236	1264	1197	1157	973	649	561	527	301	180	14778

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2012	February	29	12458	16002	15554	15452	448094	9.75%	
02	133021	2011	February	28	12068	14977	15116	14582	408285		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	547	1204	1248
WEEKDAY	1131	984	1415
SATURDAY	690	1311	1350

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF MARCH 2012

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
3	4	1	113	85	66	20	29	82	216	238	330	570	836	1073	1170	1103	1151	1223	1155	961	819	566	396	294	154	95	12745
3	18	1	109	92	41	28	28	70	131	203	348	599	842	1125	1244	1409	1685	1684	1542	1398	1135	944	610	393	233	118	16011
3	25	1	171	109	53	26	32	37	110	236	409	657	864	1175	1310	1310	1332	1359	1270	1060	892	645	417	314	195	107	14090
3	5	2	45	34	28	36	96	321	844	1236	1120	767	762	777	921	804	1006	1254	1328	1315	864	555	430	387	179	102	15211
3	19	2	59	36	33	40	84	328	748	1198	1050	840	776	873	969	881	1088	1300	1427	1432	909	634	469	360	230	125	15889
3	26	2	71	30	23	32	81	270	661	1164	1091	836	724	770	835	907	1026	1198	1320	975	1140	641	469	370	193	112	14939
3	13	3	83	31	35	36	80	333	678	1086	859	683	702	648	751	763	934	1197	1253	1207	803	583	408	361	196	108	13818
3	20	3	91	29	28	37	87	285	744	1142	1034	826	751	847	883	869	1095	1424	1476	1530	1032	738	529	465	216	122	16280
3	27	3	119	29	26	34	68	285	725	1212	1062	846	736	793	871	896	967	1296	1457	1499	1048	716	493	443	247	141	16009
3	14	4	77	24	34	39	92	309	702	1106	939	664	647	686	785	792	981	1166	1238	1319	801	782	437	331	166	119	14236
3	21	4	93	32	43	27	81	284	735	1195	1082	848	808	929	1002	961	1186	1414	1531	1550	1089	808	610	454	251	144	17157
3	28	4	106	39	31	36	82	282	713	1231	1073	749	732	824	934	915	1068	1235	1481	1452	985	643	510	466	246	156	15989
3	1	5	113	33	30	59	80	211	381	426	332	269	316	288	360	368	437	564	670	522	417	303	243	197	108	87	6814
3	15	5	82	32	29	42	79	331	728	1097	942	723	658	761	782	819	960	1194	1190	1254	797	552	487	386	206	133	14264
3	22	5	112	31	27	35	76	284	739	1154	1100	964	893	1119	1094	1144	1183	1532	1583	1746	1216	808	686	572	351	173	18622
3	29	5	117	44	37	43	63	283	722	1240	1023	895	784	809	874	898	1003	1257	1458	1569	1067	712	586	510	292	154	16440
3	2	6	94	43	37	54	80	257	622	868	848	842	827	1000	1108	1058	1225	1407	1328	1383	1124	771	609	562	306	214	16667
3	16	6	95	47	39	38	89	273	635	968	794	800	756	864	932	1003	1097	1217	1133	1137	839	592	495	406	252	181	14682
3	23	6	117	63	139	138	78	250	658	1175	1048	896	969	1028	1124	1217	1388	1565	1648	1583	1314	962	702	689	406	256	19413
3	30	6	104	40	51	36	67	284	722	1108	1118	848	906	1050	1132	1210	1394	1679	1593	1593	1310	992	764	726	426	249	19402
3	3	7	118	77	40	42	51	88	266	323	426	583	767	970	1021	1113	1058	1247	1184	1164	1036	721	554	598	352	240	14039
3	17	7	147	77	47	16	34	73	214	331	404	594	817	1214	1263	1026	1419	1100	1013	1047	760	572	471	396	250	179	13464
3	24	7	194	113	46	25	39	93	256	405	696	815	1004	1237	1330	1487	1492	1496	1391	1325	1125	826	613	614	379	226	17227
3	31	7	209	101	56	29	39	97	212	444	910	903	1014	1249	1378	1433	1475	1549	1433	1336	1264	881	685	647	436	235	18015

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2012	March	24	14282	15637	15686	15470	479577		-2.81%
02	133021	2011	March	6	13204	16283	16533	15918	493457		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	609	1296	1422
WEEKDAY	1095	931	1406
SATURDAY	726	1324	1428

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF APRIL 2012

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
4	1	1	139	114	51	36	33	62	135	238	459	607	806	1158	1275	1281	1286	1269	1173	970	842	643	420	275	183	99	13554
4	8	1	122	69	50	22	23	64	108	190	324	484	730	877	937	822	733	783	904	1007	1077	907	750	456	271	123	11833
4	15	1	142	90	48	34	42	70	206	289	509	718	1040	1328	1410	1373	1265	1457	1277	1169	1121	720	553	348	181	102	15492
4	22	1	151	104	67	32	37	51	131	222	356	603	856	1093	1154	1145	1168	1122	1001	874	777	570	405	351	185	100	12555
4	29	1	147	109	65	33	33	67	157	315	504	689	930	1225	1262	1333	1239	1277	1247	1069	904	705	467	328	196	105	14406
4	2	2	60	30	27	41	82	274	698	1190	1061	801	780	782	884	856	1019	1146	1371	1415	948	603	467	375	215	129	15254
4	9	2	76	22	26	40	84	286	735	1270	1176	948	900	991	998	956	1101	1263	1412	1403	958	601	470	382	222	129	16449
4	16	2	67	42	40	44	81	268	743	1194	1130	935	949	1027	1098	1004	1326	1476	1510	1596	1049	734	586	450	220	138	17707
4	23	2	65	34	29	30	65	239	649	989	942	795	743	855	944	896	1003	1252	1267	1286	853	539	449	364	192	120	14600
4	30	2	54	35	29	37	71	291	725	1251	1058	886	808	881	931	941	1117	1241	1449	1436	949	609	463	375	201	126	15964
4	3	3	108	31	34	30	75	293	701	1180	1092	909	774	853	884	890	1018	1298	1349	1453	1036	691	500	434	218	129	15980
4	10	3	89	41	30	50	81	311	744	1256	1098	917	751	833	913	916	1031	1352	1378	1329	1148	685	558	421	187	138	16257
4	17	3	84	32	43	43	72	306	780	1237	1125	949	861	898	1016	1016	1120	1423	1505	1623	1157	905	610	462	588	155	18010
4	24	3	92	33	34	30	64	294	703	1062	1016	901	862	890	991	956	1070	1301	1420	1418	966	698	508	480	255	127	16171
4	4	4	101	42	42	39	86	268	770	1212	1115	817	796	854	945	913	1088	1327	1397	1495	964	721	546	400	232	151	16321
4	11	4	103	30	33	44	76	294	784	1251	1101	874	734	830	933	953	1068	1338	1432	1466	1088	670	531	446	226	153	16458
4	18	4	114	43	37	43	63	272	796	1182	1164	860	854	894	1024	951	1184	1315	1577	1539	1101	705	570	464	261	147	17160
4	25	4	106	41	40	41	86	277	687	1028	1057	867	852	960	1033	1009	1209	1312	1432	1411	993	678	512	420	229	158	16438
4	5	5	104	37	28	40	74	288	761	1234	1064	858	815	895	1008	1020	1146	1308	1527	1601	1112	773	608	462	272	155	17190
4	12	5	94	49	31	43	65	287	764	1227	1057	894	747	926	980	945	1115	1368	1342	1560	1075	721	585	504	264	171	16814
4	19	5	120	36	36	38	74	272	778	1273	1148	928	821	913	1006	1079	1160	1475	1583	1605	1091	872	650	514	260	133	17865
4	26	5	125	31	31	39	70	298	708	1065	991	930	876	1032	1144	1027	1152	1353	1548	1568	1019	705	592	434	277	168	17183
4	6	6	124	52	33	37	86	240	685	1045	1139	950	953	1172	1333	1326	1554	1702	1637	1486	1157	832	653	603	372	221	19392
4	13	6	128	62	36	48	82	267	703	1182	1238	887	944	1105	1152	1168	1385	1654	1593	1707	1238	998	737	625	381	214	19534
4	20	6	101	61	43	58	79	272	713	1162	1194	879	977	1184	1310	1218	1520	1623	1667	1592	1305	913	760	722	405	255	20013
4	27	6	116	51	45	37	64	241	644	898	993	902	1047	1147	1247	1275	1454	1515	1500	1533	1180	844	766	575	334	222	18630
4	7	7	199	110	61	24	32	75	216	371	585	812	1020	1287	1241	1220	1199	1201	1127	1078	840	693	486	471	335	195	14878
4	14	7	174	81	55	32	40	115	309	479	754	868	1158	1299	1444	1353	1391	1414	1428	1268	1078	870	668	594	389	239	17500
4	21	7	171	108	75	45	47	92	218	420	591	849	1067	1238	1317	1268	1236	1306	1285	1192	1030	934	688	655	398	254	16484
4	28	7	164	103	61	24	28	92	248	412	668	810	991	1230	1297	1284	1333	1383	1324	1309	1045	797	657	663	435	252	16610

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2012	April	30	13568	17114	16368	16423	492702		-0.90%
02	133021	2011	April	26	13403	17233	16332	16572	497165		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	620	1223	1253
WEEKDAY	1176	1045	1521
SATURDAY	835	1336	1330

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF MAY 2012

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
5	6	1	159	121	50	41	46	88	276	333	464	712	993	1243	1291	1383	1283	1330	1327	1125	974	665	478	353	218	113	15066
5	13	1	179	117	59	43	25	66	145	342	504	783	1150	1361	1432	1401	1419	1480	1473	1388	1068	846	600	434	225	110	16650
5	20	1	141	81	54	35	50	95	181	339	511	883	1198	1391	1554	1382	1345	1212	1234	1116	859	645	474	325	188	110	15403
5	27	1	128	77	33	35	33	72	140	230	433	692	852	953	1021	990	1014	1005	976	947	839	614	502	426	211	161	12384
5	7	2	74	51	30	43	77	291	741	1252	1106	869	829	966	963	996	1221	1430	1492	1554	1007	725	570	445	225	127	17084
5	14	2	65	27	34	32	82	302	740	1198	1110	840	843	950	984	960	1226	1417	1530	1389	1003	678	522	416	234	153	16735
5	21	2	57	38	35	41	84	319	760	1274	1327	989	817	945	994	1002	1193	1335	1397	1376	908	608	449	350	205	105	16608
5	28	2	88	61	34	36	39	78	196	231	427	607	769	962	1067	988	1044	959	907	889	767	552	446	329	188	91	11755
5	1	3	107	38	30	38	78	291	736	1234	1021	847	798	834	896	960	1057	1233	1286	1443	1024	676	532	423	193	151	15926
5	8	3	124	57	40	38	86	295	742	1178	1016	808	867	842	911	1018	1180	1225	1270	1432	1053	653	572	498	261	143	16309
5	15	3	106	31	35	47	69	317	811	1153	1043	888	872	981	998	1034	1330	1301	1600	1580	1118	781	583	400	215	106	17399
5	22	3	81	35	25	49	73	343	788	1219	949	831	840	896	916	917	1092	1264	1328	1292	920	606	430	355	198	124	15571
5	29	3	51	32	30	37	76	316	782	1182	1004	912	823	905	899	917	1013	1252	1329	1335	848	549	384	343	155	120	15294
5	2	4	104	36	31	43	81	302	784	1187	1164	876	792	866	914	920	1163	1361	1485	1465	1048	703	553	449	254	176	16757
5	9	4	103	51	47	49	80	317	757	1167	1026	839	818	920	1017	1059	1202	1290	1412	1442	1349	625	545	442	256	126	16939
5	16	4	87	44	36	55	76	310	788	1226	1280	1296	989	1039	1110	1180	1400	1680	1711	1680	1226	867	667	512	253	156	19668
5	23	4	83	38	42	41	72	329	800	1221	947	843	790	910	919	948	1143	1283	1424	1298	933	639	530	414	220	125	15992
5	30	4	92	41	33	38	79	339	788	1193	955	827	813	832	929	918	1065	1297	1378	1291	970	653	508	394	214	142	15789
5	3	5	102	48	34	52	74	308	769	1190	1064	870	789	960	972	1006	1218	1426	1483	1647	1115	784	602	449	327	178	17467
5	10	5	118	53	32	51	77	282	761	1207	1097	879	840	967	1022	1035	1234	1459	1535	1529	1108	809	619	460	249	142	17565
5	17	5	121	54	35	49	76	326	846	1209	1107	972	1002	1092	1217	1211	1380	1530	1479	1558	1138	850	622	516	331	169	18890
5	24	5	100	49	38	48	81	312	817	1175	953	829	840	848	899	982	1183	1297	1391	1359	949	696	541	428	246	142	16203
5	31	5	104	44	29	37	78	363	795	1213	1041	960	838	932	920	984	1091	1349	1405	1349	914	735	558	483	295	139	16656
5	4	6	112	56	104	61	71	269	732	1117	1055	909	942	1107	1164	1170	1366	1564	1576	1602	1322	924	752	695	453	248	19371
5	11	6	120	64	58	46	92	275	762	1152	979	947	935	1152	1168	1276	1460	1560	1670	1659	1328	952	802	778	420	267	19922
5	18	6	123	61	62	51	79	289	771	1102	1028	875	1075	1242	1303	1407	1704	1842	1628	1578	1857	1282	955	978	639	328	22259
5	25	6	99	46	42	41	76	274	653	994	963	877	905	956	1029	1095	1271	1369	1263	1146	1007	691	633	536	317	202	16485
5	5	7	181	138	65	32	41	98	309	472	634	834	1079	1247	1333	1372	1348	1319	1294	1198	1048	850	720	699	387	254	16952
5	12	7	179	136	55	30	44	99	361	518	711	891	1162	1521	1513	1376	1380	1468	1467	1412	1183	924	726	772	465	259	18652
5	19	7	179	106	69	30	39	138	351	1047	1563	1188	979	1103	1476	1809	1610	1474	1552	1377	1156	897	715	605	403	252	20118
5	26	7	144	104	55	19	41	97	222	363	599	838	916	1104	1037	1027	1042	1026	999	1011	817	713	552	542	271	245	13784

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2012	May	31	14876	17071	17376	16828	521653	0.92%	
02	133021	2011	May	31	14218	17222	16732	16674	516893		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	768	1348	1292
WEEKDAY	1164	1048	1484
SATURDAY	1032	1452	1367

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF JUNE 2012

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
6	3	1	125	89	46	33	14	60	186	256	363	567	808	1081	1068	1149	1072	1152	961	903	745	553	389	242	189	98	12149
6	10	1	122	104	39	40	49	75	187	308	539	787	1071	1196	1116	1081	1330	1203	1181	1041	937	709	510	355	215	91	14286
6	17	1	126	100	55	22	39	70	208	290	547	702	931	1171	1159	1164	1139	1192	1102	1018	913	708	550	395	234	121	13956
6	24	1	139	89	47	36	47	83	199	298	508	828	1034	1173	1259	1211	1232	1217	1139	1129	963	674	571	468	281	149	14774
6	4	2	67	36	29	32	76	301	752	1206	921	825	856	911	977	918	1074	1267	1245	1317	945	589	432	368	210	117	15471
6	11	2	54	39	29	42	82	343	797	1198	1072	903	946	979	1027	1017	1121	1314	1392	1472	917	624	536	403	196	131	16634
6	18	2	67	21	25	35	85	345	778	1114	952	868	886	987	1098	1000	1095	1270	1395	1492	908	652	525	446	216	141	16401
6	25	2	66	34	33	44	88	357	759	1119	1222	997	947	990	985	704	1190	787	1533	1294	846	610	481	388	212	128	15814
6	5	3	90	24	34	45	84	352	787	1240	1052	820	888	937	1010	941	1143	1279	1400	1393	891	604	502	377	218	143	16254
6	12	3	91	38	38	34	102	351	836	1241	1109	911	984	1024	976	1043	1127	1291	1305	1442	1024	641	561	470	226	124	16989
6	19	3	98	40	39	29	75	352	730	1148	1049	905	1021	1044	1077	1061	1054	1293	1410	1417	915	652	532	511	240	176	16868
6	26	3	105	34	47	44	77	345	760	1141	1170	900	873	957	1048	1072	1055	1266	1400	1443	976	600	538	466	247	169	16733
6	6	4	108	51	42	43	74	331	816	1205	1064	820	776	847	875	919	1073	1325	1425	1342	888	618	525	432	223	140	15962
6	13	4	102	38	41	39	86	315	779	1182	1039	849	833	951	944	931	1084	1236	1321	1376	1045	639	563	532	200	164	16289
6	20	4	115	40	49	41	76	350	811	1120	1113	1056	1050	1023	1044	943	1186	1395	1480	1486	989	751	620	586	365	185	17874
6	27	4	102	48	42	39	83	346	742	1090	1164	995	934	965	1035	985	1209	1383	1457	1434	968	654	592	553	305	183	17308
6	7	5	115	43	34	51	80	338	855	1234	1049	856	854	993	1048	975	1112	1342	1445	1353	910	692	571	438	231	191	16810
6	14	5	100	38	30	58	85	365	820	1239	1086	963	921	966	1147	1067	1126	1411	1417	1532	1093	803	719	565	283	174	18008
6	21	5	134	61	41	43	85	355	787	1182	1238	1065	1034	1028	1152	1079	1234	1411	1493	1399	1108	817	639	554	348	183	18470
6	28	5	106	40	53	38	109	356	750	1152	1198	1021	1032	1030	1089	1096	1251	1320	1445	1462	1025	765	623	542	313	200	18016
6	1	6	123	47	53	31	82	349	750	1141	1051	961	1012	1040	1054	1027	1238	1521	1534	1438	1044	777	684	579	365	189	18090
6	8	6	130	46	62	43	84	307	734	1205	1008	937	958	1137	1059	1114	1297	1459	1432	1356	1025	831	617	601	339	223	18004
6	15	6	81	51	60	42	83	301	681	1160	1180	957	1036	1133	1233	1178	1423	1543	1494	1368	1145	800	660	633	367	247	18856
6	22	6	125	66	48	43	85	332	699	987	1073	1039	1094	1147	1228	1233	1386	1320	1346	1323	1127	800	658	617	366	221	18363
6	29	6	108	48	70	50	102	324	656	959	1088	972	1053	1186	1258	1221	1309	1386	1472	1305	1130	817	701	649	414	286	18564
6	2	7	134	82	48	30	39	85	329	459	551	737	962	1135	1121	1132	1201	1198	1086	970	814	556	451	440	293	185	14038
6	9	7	157	98	49	46	60	112	283	546	762	860	1071	1205	1179	1249	1252	1290	1322	1175	996	733	606	670	373	284	16378
6	16	7	161	86	52	25	67	130	274	411	630	862	1088	1231	1185	1208	1151	1195	1141	1044	855	688	628	573	338	253	15276
6	23	7	172	74	58	45	50	115	289	413	598	825	1079	1199	1266	1194	1157	1177	1177	1070	937	687	567	604	357	208	15318
6	30	7	204	109	67	42	57	164	313	511	751	901	1198	1133	1140	1048	1084	1018	1371	1172	825	728	604	614	373	295	15722

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2012	June	30	13791	17228	15346	16456	493675		-0.50%
02	133021	2011	June	27	13756	17276	15263	16538	496141		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	721	1194	1226
WEEKDAY	1181	1077	1456
SATURDAY	837	1216	1253

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF JULY 2012

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
7	1	1	165	119	63	29	49	105	233	352	521	855	1140	1121	1115	1132	1051	1017	1314	1264	941	693	540	480	238	124	14661
7	8	1	166	102	46	29	37	87	171	315	521	794	954	1125	1222	1134	1189	1242	1078	1048	990	779	603	501	239	157	14529
7	15	1	176	108	60	45	61	113	240	429	706	939	1036	1167	1213	1103	1068	1178	1262	1230	1093	907	680	380	210	136	15540
7	22	1	153	97	72	33	30	71	177	292	482	784	1021	1222	1182	1222	1268	1323	1186	1136	964	781	528	452	228	164	14868
7	29	1	128	91	40	35	43	71	198	283	424	655	892	1056	1170	1195	1211	1087	1092	979	791	598	477	347	255	136	13254
7	2	2	82	41	38	45	82	330	696	1072	1020	956	959	1027	1023	1055	1139	1133	1418	1384	910	678	525	457	257	186	16513
7	9	2	78	38	29	35	90	359	742	1118	1140	993	1003	1101	978	1007	1171	1289	1411	1400	921	662	547	464	228	170	16974
7	16	2	71	32	34	42	98	345	817	1144	1231	1024	1052	1063	1066	1005	1151	1260	1452	1477	914	690	564	444	258	143	17377
7	23	2	86	42	40	46	103	328	699	1118	1074	869	993	1028	1022	1016	1094	1344	1411	1398	890	682	522	453	249	161	16668
7	30	2	55	46	40	50	91	308	697	1125	1086	938	950	1027	1071	986	1124	1315	1435	1442	895	690	519	425	248	180	16743
7	3	3	109	42	36	44	75	306	663	1057	1076	976	1012	1068	1071	1078	1240	1387	1336	1268	1017	811	663	530	644	299	17808
7	10	3	119	39	35	32	92	321	754	1104	1172	940	999	1001	1005	1038	1140	1267	1567	1424	951	727	611	559	279	174	17350
7	17	3	121	39	45	47	88	328	795	1188	1187	1007	999	1015	989	999	1095	1304	1445	1465	992	807	641	480	264	164	17504
7	24	3	124	55	38	38	89	339	711	1144	1104	944	943	964	1069	1074	1220	1268	1369	1387	928	705	576	487	291	169	17036
7	31	3	122	49	37	38	88	348	685	1243	1135	934	964	1004	1015	995	1120	1314	1430	1461	1031	688	579	417	264	158	17119
7	4	4	157	74	39	38	41	103	169	235	361	543	743	929	1024	918	823	822	794	771	677	551	457	383	313	181	11146
7	11	4	111	50	32	46	97	349	753	1089	1188	925	989	985	1069	1008	1150	1308	1499	1481	964	705	630	527	254	199	17408
7	18	4	122	39	54	44	94	331	755	1135	1192	995	959	1008	1036	1040	1157	1326	1457	1426	1030	684	629	520	326	178	17537
7	25	4	116	49	36	40	99	333	758	1137	1190	1080	961	1062	1100	1093	1238	1359	1514	1506	994	766	640	542	308	205	18126
7	5	5	88	41	42	35	98	280	607	946	957	974	1029	1069	1010	1036	1135	1280	1392	1339	952	667	599	567	343	157	16643
7	12	5	139	58	31	41	99	362	739	1111	1213	1063	1052	1039	1112	1065	1230	1388	1492	1448	1097	780	626	616	339	163	18303
7	19	5	130	50	47	49	105	334	708	1115	1200	990	973	1010	1164	1055	1146	1342	1513	1522	1108	791	737	563	337	197	18186
7	26	5	104	55	37	43	88	346	719	1167	1130	916	993	1031	1117	1090	1241	1304	1436	1382	945	686	617	564	273	190	17474
7	6	6	142	58	59	34	88	279	559	896	934	1075	1093	1138	1182	1080	1264	1345	1395	1375	1062	816	676	629	385	247	17811
7	13	6	142	63	48	46	86	310	688	1045	1133	1087	1124	1269	1193	1184	1278	1425	1329	1372	1177	897	730	640	423	269	18958
7	20	6	128	49	46	134	93	297	664	978	1011	1008	1000	1130	1102	1194	1351	1475	1424	1372	1168	842	668	642	438	268	18482
7	27	6	108	76	46	45	87	274	666	952	1049	901	1019	1065	1207	1252	1350	1430	1373	1423	1094	836	605	591	361	215	18025
7	7	7	191	78	54	43	47	104	231	401	550	782	1024	1128	1222	1132	1120	1111	1045	956	863	672	591	570	386	251	14552
7	14	7	165	100	57	39	49	136	279	435	738	991	1214	1271	1270	1216	1236	1195	1188	1026	1017	813	698	689	511	286	16619
7	21	7	149	114	74	40	52	120	276	442	582	962	1157	1274	1238	1233	1193	1215	1211	1139	975	780	651	599	444	227	16147
7	28	7	152	115	56	27	49	104	295	452	580	868	1137	1262	1201	1166	1260	1200	1139	1110	923	729	579	556	325	209	15494

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2012	July	31	14570	17236	15703	16608	514855		-1.58%
02	133021	2011	July	22	14814	17614	15832	16875	523129		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	805	1198	1270
WEEKDAY	1111	1097	1422
SATURDAY	901	1257	1208

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF AUGUST 2012

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
8	5	1	148	102	48	30	44	83	269	305	488	732	1007	1328	1294	1296	1196	1166	1120	1037	895	652	487	357	217	132	14433
8	12	1	150	89	33	33	34	76	146	275	424	711	890	1075	1180	1109	1172	1165	1058	1018	858	649	475	396	207	152	13375
8	19	1	157	106	56	35	20	90	162	279	490	803	1134	1317	1345	1284	1252	1297	1171	1179	993	714	575	431	214	157	15261
8	26	1	141	117	59	34	41	79	174	296	621	1044	1416	1722	1885	1812	1865	1767	1694	1530	1288	914	579	450	230	141	19899
8	6	2	71	46	36	23	90	330	733	1004	1111	899	1025	1001	1107	1050	1124	1328	1414	1325	920	628	549	429	272	175	16690
8	13	2	69	45	32	43	92	331	753	1099	1054	981	1029	1119	1086	1121	1177	1392	1430	1415	891	686	561	478	262	169	17315
8	20	2	69	45	38	35	84	296	749	1124	989	967	1014	1039	1068	1125	1202	1350	1488	1412	1030	715	548	429	227	125	17168
8	27	2	60	54	63	53	116	336	716	1266	1107	942	983	1047	1116	1130	1291	1442	1682	1597	1211	811	591	480	241	151	18486
8	7	3	97	44	44	40	81	332	743	1116	1163	1077	1029	1019	1123	991	1142	1396	1515	1493	1009	706	586	488	324	195	17753
8	14	3	119	54	40	46	102	330	759	1093	1074	1030	1017	1021	1044	1097	1203	1370	1457	1407	1004	625	606	449	274	190	17411
8	21	3	114	37	42	34	78	335	720	1260	1153	1047	1108	1149	1192	1173	1329	1380	1578	1509	1088	719	628	496	311	159	18639
8	28	3	96	37	44	35	90	339	724	1226	1030	927	905	1039	1124	1152	1255	1386	1628	1505	1112	787	657	439	239	154	17930
8	1	4	84	35	37	49	97	343	734	1184	1058	954	938	1012	1123	1073	1204	1381	1361	1345	1109	689	580	506	257	204	17357
8	8	4	115	62	36	47	82	321	727	1076	1126	1004	1070	1086	1161	1029	1077	1310	1466	1456	1043	703	638	591	286	206	17718
8	15	4	118	66	48	36	89	328	758	1086	1025	929	1010	1069	1202	1143	1197	1409	1551	1411	1126	794	626	553	305	159	18038
8	22	4	148	67	55	58	90	312	759	1227	1066	1046	1023	1120	1151	1139	1282	1392	1539	1553	1118	788	656	537	303	206	18635
8	29	4	79	44	38	43	81	314	790	1162	1110	856	938	969	1039	1026	1233	1455	1642	1630	1126	890	679	460	261	143	18008
8	2	5	130	71	53	50	91	329	695	1181	1123	998	948	1035	1122	1114	1185	1395	1458	1440	711	878	653	631	346	206	17843
8	9	5	110	64	44	44	95	331	748	1091	1119	1009	1027	1077	1091	1147	1144	1322	1462	1398	1017	707	617	528	341	181	17714
8	16	5	133	51	42	41	77	302	694	1088	1032	960	966	1090	1123	1165	1191	1376	1504	1406	1064	757	654	530	332	185	17763
8	23	5	149	66	49	54	89	313	716	1216	1098	1050	1158	1191	1235	1268	1363	1506	1520	1540	1221	861	790	708	336	215	19712
8	30	5	94	39	39	40	87	321	785	1256	1081	991	989	1051	1113	1124	1286	1414	1541	1577	1174	892	624	486	286	175	18465
8	3	6	124	55	55	50	79	290	677	989	1027	1066	1112	1194	1252	1251	1400	1330	1441	1429	1163	872	748	609	409	326	18948
8	10	6	125	74	51	42	79	308	608	943	1045	951	1091	1116	1177	1240	1286	1318	1295	1213	1097	705	594	513	348	224	17443
8	17	6	136	53	58	57	87	280	652	1001	1006	997	1146	1289	1165	1244	1397	1445	1378	1377	1182	835	750	619	439	225	18818
8	24	6	140	55	60	59	97	304	679	1083	1336	1404	1504	1787	1681	1656	1819	1921	1891	1734	1365	993	788	604	393	212	23565
8	31	6	132	63	51	38	86	248	619	1024	1030	1025	1231	1297	1320	1440	1594	1612	1575	1325	1248	944	800	656	402	269	20029
8	4	7	179	121	61	44	47	133	357	467	691	1006	1265	1227	1322	1229	1243	1210	1226	1109	891	669	656	530	416	259	16358
8	11	7	137	99	49	40	45	110	228	409	591	926	1149	1287	1257	1223	1248	1228	1253	1098	931	735	619	561	371	215	15809
8	18	7	148	76	54	41	32	124	218	346	547	878	1110	1243	1256	1362	1357	1235	1253	1088	883	716	660	574	481	224	15906
8	25	7	174	84	66	34	50	117	266	493	727	991	1343	1557	1663	1701	1615	1653	1541	1379	1195	928	824	648	423	243	19715

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2012	August	31	15742	18324	16947	17813	552204		-0.88%
02	133021	2011	August	7	6568	19491	20632	17971	557093		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	822	1434	1382
WEEKDAY	1154	1198	1524
SATURDAY	950	1418	1376

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF SEPTEMBER 2012

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
9	2	1	149	94	43	52	39	76	172	237	438	720	1011	1221	1346	1289	1218	1267	1233	1141	1027	745	639	480	271	151	15059
9	9	1	140	85	59	35	41	87	237	330	455	753	1089	1288	1483	1335	1214	1289	1397	1159	957	717	548	371	200	105	15374
9	16	1	132	96	48	26	32	75	160	308	493	836	1173	1360	1501	1419	1372	1293	1338	1161	1016	748	562	318	205	92	15764
9	23	1	151	108	52	23	51	102	243	469	668	875	1187	1304	1479	1378	1307	1417	1331	1190	1203	984	691	349	208	108	16878
9	30	1	143	80	42	33	44	88	188	288	521	816	1206	1479	1590	1392	1322	1266	1315	1089	972	633	429	269	186	94	15485
9	3	2	96	43	42	25	46	80	182	328	510	783	1056	1244	1383	1328	1426	1354	1309	1138	1039	792	619	380	206	93	15502
9	10	2	53	35	30	39	113	345	823	1307	1108	923	890	910	1074	1047	1215	1354	1512	1516	1012	660	538	410	185	102	17201
9	17	2	49	42	35	33	90	341	797	1261	1100	883	909	972	988	1034	1174	1397	1439	1489	972	592	567	424	169	102	16859
9	24	2	77	38	39	32	92	341	836	1359	1238	1058	925	984	1026	1018	1179	1443	1495	1384	948	618	438	401	182	87	17238
9	4	3	46	37	37	31	75	365	788	1299	1227	903	913	932	1029	1014	1141	1326	1462	1415	959	696	485	390	202	113	16885
9	11	3	95	37	40	37	79	330	806	1306	1122	934	951	990	1016	1059	1181	1462	1524	1498	1057	721	560	422	234	128	17589
9	18	3	77	33	36	36	87	357	753	1296	1041	907	873	936	976	964	1155	1382	1430	1435	972	648	492	346	180	110	16522
9	25	3	81	28	37	33	91	328	782	1324	1092	892	831	912	973	989	1132	1361	1460	1550	1032	701	463	424	209	111	16836
9	5	4	73	48	39	31	80	303	767	1254	1043	858	835	925	1002	1037	1204	1392	1522	1518	1090	800	566	383	188	147	17105
9	12	4	111	35	54	34	98	343	809	1312	1109	950	876	955	963	1049	1291	1438	1546	1515	1074	819	641	403	210	128	17763
9	19	4	85	43	32	30	87	322	779	1251	1022	844	830	869	949	940	1207	1377	1485	1497	1050	755	608	440	209	137	16848
9	26	4	82	36	33	30	100	322	747	1261	1093	881	829	905	1011	977	1082	1374	1489	1400	1007	647	560	406	206	123	16601
9	6	5	88	38	31	39	95	330	825	1358	1077	939	877	1022	1083	1116	1226	1466	1572	1610	1130	878	652	472	264	147	18335
9	13	5	87	50	37	47	93	323	819	1311	1117	927	889	1092	1130	1119	1288	1553	1524	1544	1209	838	681	423	247	153	18501
9	20	5	90	44	34	49	101	346	790	1283	1052	895	919	1018	1048	1039	1191	1464	1568	1523	1105	815	633	483	220	137	17847
9	27	5	96	37	32	31	77	316	776	1366	1027	897	879	959	989	1053	1226	1423	1579	1529	1243	865	726	563	228	165	18082
9	7	6	104	46	36	43	94	328	770	1342	1285	970	1097	1139	1238	1254	1403	1600	1635	1580	1445	1036	802	675	407	257	20586
9	14	6	115	56	49	49	99	305	775	1211	1037	945	1098	1217	1331	1282	1555	1647	1721	1659	1274	1095	807	670	368	230	20595
9	21	6	107	62	47	32	101	290	771	1187	1066	941	1046	1193	1234	1260	1523	1605	1638	1653	1243	924	757	650	385	255	19970
9	28	6	103	70	30	45	101	314	706	1121	1118	943	1020	1191	1270	1249	1501	1467	1519	1570	1396	970	792	727	373	238	19834
9	1	7	167	103	57	43	43	113	224	426	633	996	1195	1457	1364	1362	1306	1366	1360	1256	1075	870	759	659	382	212	17428
9	8	7	182	99	70	52	53	122	337	495	813	958	1277	1368	1543	1494	1508	1614	1499	1376	1121	917	730	566	363	220	18777
9	15	7	160	94	63	42	48	107	270	537	793	1082	1336	1503	1561	1536	1538	1765	1567	1250	1100	899	723	597	367	224	19162
9	22	7	138	94	41	37	54	112	313	493	751	930	1114	1354	1365	1336	1338	1462	1417	1328	1177	1020	736	620	373	228	17831
9	29	7	141	85	48	23	57	97	231	407	725	1128	1544	1823	1718	1696	1845	2105	1796	1785	1520	1145	892	734	419	213	22177

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2012	September	30	15712	17835	19075	17688	530634	0.36%	
02	133021	2011	September	30	15718	17911	17953	17624	528727		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	800	1480	1355
WEEKDAY	1260	1104	1542
SATURDAY	1019	1550	1662

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF OCTOBER 2012

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
10	7	1	140	86	60	37	39	76	127	283	470	787	989	1221	1450	1318	1319	1364	1243	1046	894	755	561	447	247	139	15098
10	14	1	187	119	62	38	41	86	148	298	459	789	1160	1410	1569	1371	1374	1431	1256	960	805	665	458	317	165	106	15274
10	21	1	161	97	50	24	42	93	232	365	503	759	1044	1298	1406	1375	1349	1484	1310	1016	844	657	590	369	204	121	15393
10	28	1	129	121	47	28	39	81	176	284	503	787	1060	1292	1363	1233	1094	1117	1086	900	739	582	414	267	157	95	13594
10	1	2	60	29	23	29	97	334	780	1421	1259	860	844	923	948	945	1135	1329	1463	1383	933	581	491	389	152	112	16520
10	8	2	88	30	34	35	62	199	519	922	1042	1046	1162	1298	1317	1260	1298	1521	1478	1424	1002	648	491	350	199	108	17533
10	15	2	48	35	30	38	92	348	757	1286	1068	914	908	945	1014	1045	1158	1420	1502	1328	983	615	474	363	191	130	16692
10	22	2	67	44	24	37	95	359	792	1299	1068	937	890	978	996	1009	1154	1392	1461	1387	951	582	526	390	190	99	16727
10	29	2	61	44	32	35	89	258	546	803	674	584	607	732	830	845	907	710	425	203	146	111	68	61	47	38	8856
10	2	3	76	38	39	34	90	338	795	1242	1011	934	823	991	946	991	1162	1336	1488	1405	1008	607	480	415	218	107	16574
10	9	3	64	37	40	38	94	373	808	1292	1150	876	917	986	992	1054	1182	1364	1539	1475	945	698	506	429	189	130	17178
10	16	3	86	40	35	48	88	331	755	1272	1066	828	864	962	1006	1009	1211	1349	1513	1406	1024	656	509	404	199	130	16791
10	23	3	80	35	27	40	99	312	780	1299	1064	925	820	938	938	990	1148	1374	1530	1455	1053	725	523	437	228	124	16944
10	30	3	28	15	26	19	64	198	395	645	640	666	742	862	904	943	1128	1256	1337	1344	922	742	609	380	210	128	14203
10	3	4	79	33	41	38	101	338	823	1233	1068	897	875	968	936	1172	1214	1362	1546	1439	1024	654	550	377	175	146	17089
10	10	4	74	36	34	35	93	338	806	1241	1010	848	841	902	1026	1029	1189	1356	1438	1378	967	659	550	462	215	123	16650
10	24	4	66	34	46	35	98	320	740	1282	1075	926	838	876	934	1044	1214	1448	1575	1502	1099	754	584	424	216	145	17275
10	31	4	78	45	40	32	104	304	779	1275	1074	925	981	925	1014	923	1185	1372	1510	1463	1015	669	551	446	220	130	17060
10	4	5	90	40	24	36	93	341	771	1299	985	907	964	1038	1028	1072	1281	1349	1456	1485	1161	741	567	507	260	128	17623
10	11	5	99	41	36	29	82	333	781	1280	1070	1003	905	990	1059	1098	1265	1525	1629	1644	1195	838	656	474	272	192	18496
10	5	6	111	64	35	36	84	308	692	1142	1078	1012	1075	1181	1305	1393	1698	1773	1724	1659	1342	978	766	696	375	227	20754
10	12	6	117	71	41	37	94	295	744	1169	968	950	956	1165	1288	1313	1560	1629	1703	1613	1529	1039	827	917	467	257	20749
10	6	7	184	99	49	30	50	90	240	413	653	890	1081	1261	1368	1309	1408	1280	1442	1302	1085	743	603	789	405	225	16999
10	13	7	195	121	57	46	64	172	366	583	809	1065	1359	1395	1337	1339	1481	1742	1707	1451	1327	859	730	790	462	239	19696

TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2012	October	24	14840	16873	18348	16801	520828		-3.83%
02	133021	2011	October	31	14744	17853	18589	17470	541574		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	780	1447	1349
WEEKDAY	1197	1071	1497
SATURDAY	978	1382	1592

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

STATE OF NEW HAMPSHIRE, DEPARTMENT OF TRANSPORTATION - BUREAU OF TRAFFIC 2/11/2013

IN COOPERATION WITH U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

AUTOMATIC TRAFFIC RECORDER DATA FOR THE MONTH OF DECEMBER 2012

02 133021 DURHAM- US 4 EAST OF NH 108 (EB-WB) (01133019-01133020)

MON	DATE	DAY	12 AM	1 AM	2 AM	3 AM	4 AM	5 AM	6 AM	7 AM	8 AM	9 AM	10 AM	11 AM	12 PM	1 PM	2 PM	3 PM	4 PM	5 PM	6 PM	7 PM	8 PM	9 PM	10 PM	11 PM	Total
12	9	1	153	86	49	24	32	63	112	209	407	634	909	1170	1272	1271	1340	1370	1249	981	863	599	489	312	195	108	13897
12	16	1	140	116	40	29	28	49	114	230	431	602	871	991	1001	1004	901	892	742	639	475	368	241	172	115	119	10310
12	23	1	125	95	45	40	39	56	144	222	414	671	969	1122	1131	1061	1057	967	983	813	698	575	437	305	254	160	12383
12	30	1	57	63	44	32	31	43	102	118	206	350	542	748	848	904	943	992	821	611	604	416	320	263	190	102	9350
12	10	2	66	34	36	39	92	273	708	1147	916	842	800	930	897	939	1096	1289	1370	1235	812	570	503	313	200	130	15237
12	17	2	54	26	40	34	79	227	505	763	701	674	675	742	771	822	919	1048	1090	1027	778	481	381	272	187	144	12440
12	24	2	86	45	32	30	46	89	250	398	483	699	968	1091	1098	1105	1077	1005	811	658	476	318	283	313	207	133	11701
12	31	2	48	38	44	27	62	123	359	549	532	646	821	983	1091	1150	1245	1299	1174	1008	782	566	528	300	240	151	13766
12	11	3	108	35	40	46	89	282	704	1156	972	910	866	916	957	962	1151	1384	1496	1423	1001	659	551	422	261	136	16527
12	18	3	75	40	35	35	84	282	654	1076	1009	806	798	969	871	964	1193	1265	1325	1262	935	583	461	409	220	169	15520
12	25	3	51	13	14	8	9	15	54	86	133	231	344	426	473	456	435	395	394	408	444	381	304	245	161	75	5555
12	12	4	110	31	37	36	93	278	713	1181	1009	880	909	993	1001	1080	1279	1419	1534	1483	1069	688	546	424	250	151	17194
12	19	4	97	48	45	31	94	271	676	1135	862	846	876	1006	981	1048	1230	1296	1397	1262	1013	667	505	528	248	178	16340
12	26	4	27	39	31	29	75	189	436	628	571	741	920	1036	1069	1117	1226	1188	1190	1063	789	535	482	386	201	114	14082
12	6	5	114	39	37	42	88	282	685	1219	965	898	882	888	1005	1011	1234	1411	1502	1539	1358	724	622	968	325	171	18009
12	13	5	110	44	35	55	83	286	739	1137	994	956	990	1078	1051	1150	1426	1550	1507	1533	1154	745	620	472	319	197	18231
12	20	5	118	56	36	44	90	290	652	1090	901	837	929	1050	1046	1120	1274	1412	1377	1366	1083	694	608	522	290	190	17075
12	27	5	85	79	50	33	69	132	290	356	311	294	313	326	336	362	469	535	547	445	355	259	210	187	132	90	6265
12	7	6	121	84	41	38	87	240	648	1180	1010	965	952	1042	1138	1206	1458	1643	1617	1556	1325	866	682	626	452	260	19237
12	14	6	121	44	50	129	86	278	643	1098	993	1042	1052	1275	1347	1490	1680	1710	1570	1569	1363	804	697	602	469	280	20392
12	21	6	136	56	46	33	75	229	586	995	800	834	960	1071	1087	1086	1262	1275	1252	1184	921	732	613	534	383	234	16384
12	28	6	41	39	46	42	75	172	418	607	623	765	859	1061	1059	1175	1237	1178	1093	1075	977	651	542	473	332	163	14703
12	8	7	188	78	55	22	48	98	187	377	536	792	1021	1164	1376	1349	1422	1444	1472	1243	1042	703	645	588	468	242	16560
12	15	7	148	83	49	36	46	93	201	413	586	963	1320	1493	1537	1564	1518	1475	1293	1131	1044	695	544	548	472	274	17526
12	22	7	171	76	48	24	39	70	148	315	528	787	1052	1265	1253	1263	1244	1177	1190	979	781	615	512	470	378	208	14593
12	29	7	121	73	35	26	51	58	153	289	436	686	948	1017	1060	1120	1060	971	747	668	449	365	287	218	182	82	11102

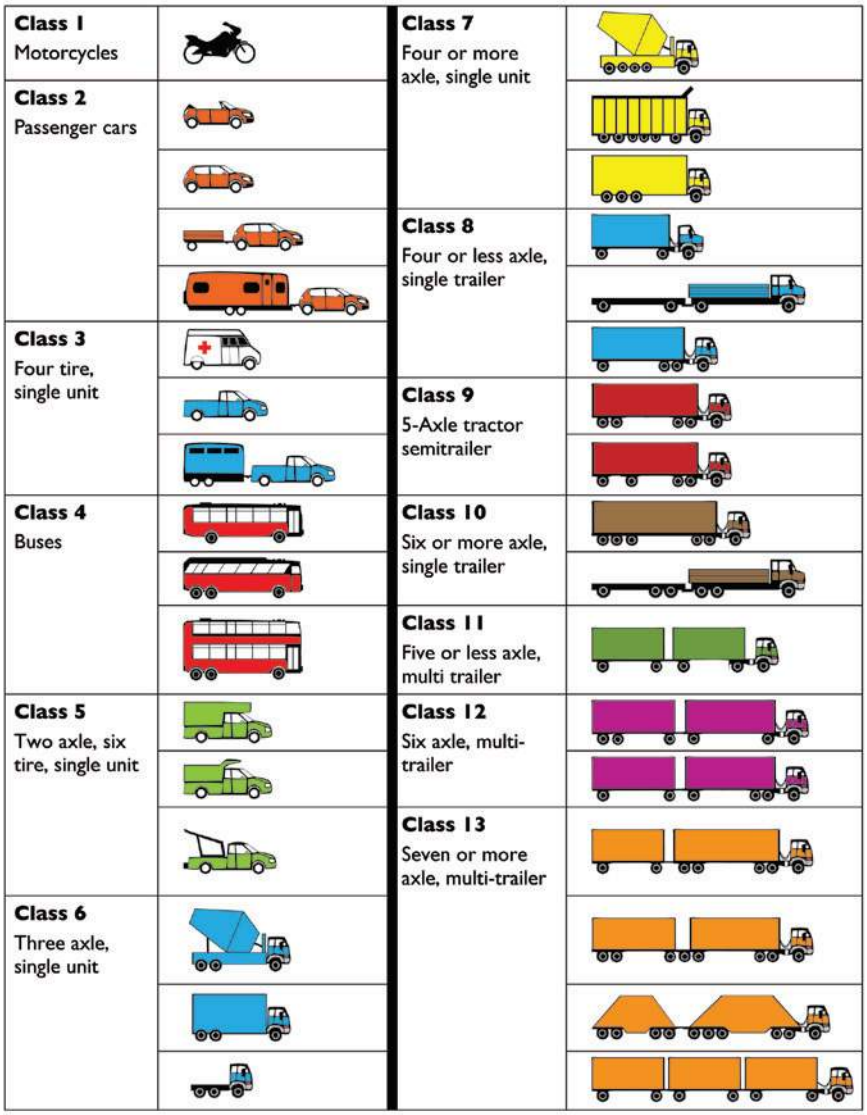
TYPE	STATION	YEAR	MONTH	NO. DAYS	AVERAGE SUNDAY	AVERAGE WEEKDAY	AVERAGE SATURDAY	AVERAGE DAILY	COMPUTED VOLUME	PERCENT GAIN	PERCENT LOSS
02	133021	2012	December	52	11485	14925	14945	14374	445586		-7.69%
02	133021	2011	December	31	11155	16546	14809	15570	482682		

PEAK HOUR VOLUMES:

	AVERAGE AM:	AVERAGE MIDDAY:	AVERAGE PM:
SUNDAY	564	1078	1080
WEEKDAY	923	1015	1287
SATURDAY	807	1331	1324

AM - 6 AM TO 10 AM
MIDDAY - 10 AM TO 2 PM
PM - 2 PM TO 8 PM

FIGURE 1-1 FHWA'S 13 VEHICLE CATEGORY CLASSIFICATION



Source: Federal Highway Administration.

Certain truck configurations utilize axles that can be lifted when the vehicle is empty or lightly-loaded. The position of these axles—sometimes called lift axles, drop axles, or tag axles—affects the classification category into which the vehicle falls. To maintain consistency between visual and axle-based counts, the *TMG* recommends that only axles that are in the dropped position be considered when classifying the vehicle. While this promotes consistency, it may induce difficulty when interpreting summary classification statistics at certain locations. For example, a site may exhibit directional differences in vehicle classification even though the same trucks may be travelling one direction loaded (with axles down) and the other direction empty (with axles lifted).

This recommendation was developed as a compromise between a wide variety of competing interests. It is really a visual system. Most vehicles can be easily classified into this system by a human observer. However, work performed by John Wyman and others at Maine DOT (Wyman, Gary, and Stevens, 1985) resulted in computer algorithms that allow most vehicles to be correctly classified into these categories

LOCATION: US 4 EAST OF NH 108 (EB-WB) (81133092-81133093) (CLASS ONLY) Page: Page 1 of 4

TOWN: DURHAM Station: 82133091

Year: 2012 Functional Class: 14 Start Date: 10/15/2012

Begin Time:		Bikes:	Cars:	2 Axle Long:	Buses:	2 Axle 6 Tire:	3 Axle Single:	4 Axle Single:	< 5 Axle Comb:	5 Axle Comb:	> 6 Axle Comb:	< 6 Axle Multi:	6 Axle Multi:	> 6 Axle Multi:	Not Classified:	%:	Total:
	Monday																
12:00 AM	10/15/2012	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00 AM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00 AM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3:00 AM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
4:00 AM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5:00 AM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6:00 AM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7:00 AM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8:00 AM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
9:00 AM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00 AM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00 AM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12:00 PM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1:00 PM		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2:00 PM		28	816	218	4	28	8	5	11	5	3	0	0	0	4	0.35%	1130
3:00 PM		22	952	234	5	36	6	2	9	3	3	0	0	0	1	0.08%	1273
4:00 PM		30	1134	285	5	44	7	1	7	5	3	0	0	0	3	0.20%	1524
5:00 PM		20	1158	250	4	45	3	1	5	4	1	0	0	1	5	0.33%	1497
6:00 PM		18	924	192	1	15	0	0	1	2	0	0	0	0	3	0.26%	1156
7:00 PM		21	619	111	1	15	1	0	1	4	1	0	0	0	1	0.13%	775
8:00 PM		12	497	89	0	5	0	0	1	1	0	0	0	0	3	0.49%	608
9:00 PM		8	408	84	0	5	0	0	2	4	1	0	0	0	0	*	512
10:00 PM		5	268	38	0	1	0	0	0	1	0	0	0	0	0	*	313
11:00 PM		1	158	26	0	6	0	0	0	1	0	0	0	0	0	*	192
Daily Totals		165	6934	1527	20	200	25	9	37	30	12	0	0	1	20		8980
Daily Percent:		1.84%	77.22%	17.00%	0.22%	2.23%	0.28%	0.10%	0.41%	0.33%	0.13%	0.00%	0.00%	0.01%	0.22%		

LOCATION: US 4 EAST OF NH 108 (EB-WB) (81133092-81133093) (CLASS ONLY) Page: Page 2 of 4
TOWN: DURHAM Station: 82133091
Year: 2012 Functional Class: 14 Start Date: 10/16/2012

Begin Time:		Bikes:	Cars:	2 Axle Long:	Buses:	2 Axle 6 Tire:	3 Axle Single:	4 Axle Single:	< 5 Axle Comb:	5 Axle Comb:	> 6 Axle Comb:	< 6 Axle Multi:	6 Axle Multi:	> 6 Axle Multi:	Not Classified:	%:	Total:
	Tuesday																
12:00 AM	10/16/2012	0	92	11	1	0	1	0	0	0	2	0	0	0	0	*	107
1:00 AM		1	55	8	2	2	0	0	0	0	2	0	0	0	0	*	70
2:00 AM		0	30	4	0	2	0	0	1	0	0	0	0	0	0	*	37
3:00 AM		1	46	12	0	3	0	0	0	4	0	0	0	0	0	*	66
4:00 AM		7	84	32	2	4	2	0	0	1	1	0	0	0	0	*	133
5:00 AM		15	294	102	0	10	3	0	2	1	3	0	0	0	1	0.23%	431
6:00 AM		24	611	221	3	30	10	7	4	7	1	0	0	0	2	0.22%	920
7:00 AM		16	836	224	7	47	12	2	4	7	11	0	0	0	1	0.09%	1167
8:00 AM		16	758	195	3	40	22	11	2	9	6	0	0	0	1	0.09%	1063
9:00 AM		9	730	191	8	39	22	6	3	14	14	0	0	0	0	*	1036
10:00 AM		14	771	195	7	41	19	11	8	8	5	0	0	0	2	0.19%	1081
11:00 AM		18	717	167	5	42	10	8	2	7	8	0	0	2	2	0.20%	988
12:00 PM		17	761	184	15	31	25	13	6	5	9	0	0	0	5	0.47%	1071
1:00 PM		13	733	176	6	37	21	14	13	3	8	0	0	0	3	0.29%	1027
2:00 PM		20	863	202	4	37	19	7	14	3	5	0	0	0	1	0.09%	1175
3:00 PM		23	898	235	8	44	13	6	7	9	5	0	0	0	6	0.48%	1254
4:00 PM		27	1081	295	3	36	15	3	10	4	5	0	0	0	5	0.34%	1484
5:00 PM		31	1246	278	6	26	12	1	2	4	0	0	0	0	2	0.12%	1608
6:00 PM		21	835	191	0	20	0	0	2	5	0	0	0	0	3	0.28%	1077
7:00 PM		23	570	130	1	11	2	0	0	0	0	0	0	0	0	*	737
8:00 PM		22	575	90	0	5	1	0	1	1	2	0	0	0	1	0.14%	698
9:00 PM		7	437	65	0	6	0	0	2	1	0	0	0	0	0	*	518
10:00 PM		3	303	51	0	4	0	0	0	1	0	0	0	0	0	*	362
11:00 PM		1	172	22	0	1	0	0	0	2	1	0	0	0	0	*	199
Daily Totals		329	13498	3281	81	518	209	89	83	96	88	0	0	2	35		18309
Daily Percent:		1.80%	73.72%	17.92%	0.44%	2.83%	1.14%	0.49%	0.45%	0.52%	0.48%	0.00%	0.00%	0.01%	0.19%		

LOCATION: US 4 EAST OF NH 108 (EB-WB) (81133092-81133093) (CLASS ONLY) Page: Page 3 of 4
TOWN: DURHAM Station: 82133091
Year: 2012 Functional Class: 14 Start Date: 10/17/2012

Begin Time:		Bikes:	Cars:	2 Axle Long:	Buses:	2 Axle 6 Tire:	3 Axle Single:	4 Axle Single:	< 5 Axle Comb:	5 Axle Comb:	> 6 Axle Comb:	< 6 Axle Multi:	6 Axle Multi:	> 6 Axle Multi:	Not Classified:	%:	Total:
	Wednesday																
12:00 AM	10/17/2012	3	96	16	1	1	1	0	0	1	0	0	0	0	0	*	119
1:00 AM		0	53	8	2	1	0	0	0	0	1	0	0	0	0	*	65
2:00 AM		0	30	4	0	1	0	0	0	3	2	0	0	0	0	*	40
3:00 AM		0	48	12	1	3	0	0	1	1	1	0	0	0	0	*	67
4:00 AM		1	82	31	3	2	1	0	1	0	1	0	0	0	1	0.81%	123
5:00 AM		0	274	97	2	9	2	0	2	4	4	0	0	0	0	*	394
6:00 AM		2	568	204	5	36	5	0	4	10	2	0	0	0	0	*	836
7:00 AM		1	846	247	7	36	18	0	7	7	13	0	0	0	0	*	1182
8:00 AM		3	787	190	6	32	6	4	4	6	6	0	0	0	2	0.19%	1046
9:00 AM		2	636	201	10	28	10	6	9	6	10	0	0	0	1	0.11%	919
10:00 AM		1	696	188	7	36	8	2	8	9	3	0	0	0	0	*	958
11:00 AM		1	803	206	3	39	8	6	6	1	7	0	0	1	6	0.55%	1087
12:00 PM		2	791	230	9	35	9	5	11	5	5	0	0	0	0	*	1102
1:00 PM		0	770	207	4	41	6	4	7	6	4	0	0	1	0	*	1050
2:00 PM		1	843	216	3	28	10	3	8	5	1	0	0	0	1	0.09%	1119
3:00 PM		1	969	257	6	25	2	0	7	7	3	0	0	0	2	0.16%	1279
4:00 PM		3	1100	289	4	47	2	0	5	3	2	0	0	0	2	0.14%	1457
5:00 PM		0	1160	232	4	22	1	0	4	3	0	0	0	0	3	0.21%	1429
6:00 PM		3	828	180	1	23	4	0	6	1	1	0	0	0	3	0.29%	1050
7:00 PM		0	601	116	1	14	0	0	1	2	2	0	0	0	0	*	737
8:00 PM		0	487	88	0	7	0	0	0	2	2	0	0	0	1	0.17%	587
9:00 PM		0	344	60	0	5	0	0	0	2	0	0	0	0	0	*	411
10:00 PM		1	233	38	0	3	0	0	1	1	1	0	0	0	1	0.36%	279
11:00 PM		0	169	30	0	1	1	0	1	4	0	0	0	0	0	*	206
Daily Totals		25	13214	3347	79	475	94	30	93	89	71	0	0	2	23		17542
Daily Percent:		0.14%	75.33%	19.08%	0.45%	2.71%	0.54%	0.17%	0.53%	0.51%	0.40%	0.00%	0.00%	0.01%	0.13%		

LOCATION: US 4 EAST OF NH 108 (EB-WB) (81133092-81133093) (CLASS ONLY) Page: Page 4 of 4
TOWN: DURHAM Station: 82133091
Year: 2012 Functional Class: 14 Start Date: 10/18/2012

Begin Time:		Bikes:	Cars:	2 Axle Long:	Buses:	2 Axle 6 Tire:	3 Axle Single:	4 Axle Single:	< 5 Axle Comb:	5 Axle Comb:	> 6 Axle Comb:	< 6 Axle Multi:	6 Axle Multi:	> 6 Axle Multi:	Not Classified:	%:	Total:
	Thursday																
12:00 AM	10/18/2012	0	115	9	1	0	0	0	0	0	1	0	0	0	0	*	126
1:00 AM		0	61	5	2	1	0	0	0	0	3	0	0	0	0	*	72
2:00 AM		0	30	5	0	0	0	0	1	2	0	0	0	1	0	*	39
3:00 AM		0	44	17	1	3	0	0	0	2	0	0	0	0	0	*	67
4:00 AM		0	92	31	1	5	2	0	3	2	0	0	0	0	0	*	136
5:00 AM		2	279	100	0	13	2	0	2	3	4	0	0	0	0	*	405
6:00 AM		5	563	228	5	31	10	2	3	7	3	0	0	0	0	*	857
7:00 AM		2	768	235	7	45	12	9	4	6	11	0	0	0	2	0.18%	1101
8:00 AM		6	782	209	7	40	11	7	9	7	3	0	0	0	2	0.18%	1083
9:00 AM		3	667	183	11	35	11	5	6	3	8	0	0	0	0	*	932
10:00 AM		3	683	197	18	34	10	2	14	4	3	0	0	1	0	*	969
11:00 AM		2	808	202	8	32	7	4	13	8	8	0	0	0	1	0.09%	1093
12:00 PM		7	818	235	15	27	8	5	7	6	2	0	0	0	3	0.26%	1133
1:00 PM		4	834	207	11	30	8	0	9	6	6	0	0	0	2	0.18%	1117
2:00 PM		7	893	242	6	34	6	4	11	4	2	0	1	0	1	0.08%	1211
3:00 PM		5	931	248	11	41	8	7	6	6	0	0	0	0	2	0.16%	1265
4:00 PM		10	1135	324	7	46	3	3	7	5	2	0	0	0	1	0.06%	1543
5:00 PM		4	1212	292	3	41	3	0	3	2	2	0	0	0	3	0.19%	1565
6:00 PM		6	1005	212	4	24	1	0	4	4	1	0	0	0	3	0.24%	1264
7:00 PM		4	702	152	3	21	1	0	2	1	1	0	0	0	0	*	887
8:00 PM		4	463	100	0	8	0	0	3	4	2	0	0	0	0	*	584
9:00 PM		1	418	49	0	7	1	0	0	0	0	0	0	0	2	0.42%	478
10:00 PM		3	304	52	0	2	0	0	0	0	0	0	0	0	0	*	361
11:00 PM		1	169	22	1	1	0	0	0	2	1	0	0	0	0	*	197
Daily Totals		79	13776	3556	122	521	104	48	107	84	63	0	1	2	22		18485
Daily Percent:		0.43%	74.53%	19.24%	0.66%	2.82%	0.56%	0.26%	0.58%	0.45%	0.34%	0.00%	0.01%	0.01%	0.12%		
	Friday																
12:00 AM	10/19/2012	0	102	15	0	1	0	0	0	1	0	0	0	0	0	*	119
1:00 AM		1	76	13	1	1	0	0	0	1	1	0	0	0	0	*	94
2:00 AM		3	47	8	2	0	0	0	1	1	1	0	0	0	1	1.56%	64
3:00 AM		0	47	11	1	3	1	0	0	1	0	0	0	0	0	*	64
4:00 AM		1	84	27	1	5	1	0	0	1	0	0	0	0	0	*	120
5:00 AM		1	233	86	2	9	3	0	3	4	2	0	0	0	1	0.29%	344
6:00 AM		2	573	221	6	42	5	0	5	5	4	0	0	0	0	*	863
7:00 AM		4	813	255	6	38	9	2	4	8	10	0	0	0	0	*	1149
8:00 AM		5	799	227	9	38	11	3	5	9	9	0	0	0	2	0.18%	1117
9:00 AM		7	793	218	11	36	6	3	6	11	4	0	0	0	3	0.27%	1098
Daily Totals		24	3567	1081	39	173	36	8	24	42	31	0	0	0	7		5032
Daily Percent:		0.48%	70.89%	21.48%	0.78%	3.44%	0.72%	0.16%	0.48%	0.83%	0.62%	0.00%	0.00%	0.00%	0.14%		

Station Totals:	Class1:	Class2:	Class3:	Class4:	Class5:	Class6:	Class7:	Class8:	Class9:	Class10:	Class11:	Class12:	Class13:	Class14:	Station Totals
Totals:	622	50989	12792	341	1887	468	184	344	341	265	0	1	7	107	68348
Percent:	0.91%	74.60%	18.72%	0.50%	2.76%	0.68%	0.27%	0.50%	0.50%	0.39%	0.00%	0.00%	0.01%	0.16%	

Special Speed Study Report: 16236EB

Station ID : 16236EB
Info Line 1 : DURHAM
Info Line 2 : US 4 EB at Bunker Creek Bridge
GPS Lat/Lon :
DB File : 16236EB.DB

Last Connected Device Type : Unic-L
Version Number : 1.45
Serial Number :
Number of Lanes : 1
Posted Speed Limit : 45.0 mph

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		EB	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Special Speed Study Data From: 10:00 - 04/30/2013 To: 08:59 - 05/07/2013

Date	Time	#1 0 - 19.9	#2 20 - 24.9	#3 25 - 29.9	#4 30 - 34.9	#5 35 - 39.9	#6 40 - 44.9	#7 45 - 49.9	#8 50 - 54.9	#9 55 - 59.9	#10 60 - 64.9	#11 65 - 69.9	#12 70 - 74.9	#13 75 - 79.9	#14 80 - 84.9	#15 85 - 89.9	#16 Other	Total
04/30/13	10:00	0	1	4	3	13	64	241	94	11	0	0	1	0	0	0	0	432
Tue	11:00	1	1	1	1	4	57	224	117	25	0	0	0	0	0	0	0	431
	12:00	1	2	0	0	8	75	213	151	14	1	0	0	0	0	0	0	465
	13:00	1	0	1	2	5	37	226	156	27	1	0	0	0	0	0	0	456
	14:00	0	0	0	0	1	61	238	178	25	1	1	0	0	0	0	0	505
	15:00	0	2	0	0	1	60	277	217	18	2	0	0	0	0	0	0	577
	16:00	0	0	0	0	7	49	306	198	42	2	0	0	0	0	0	0	604
	17:00	0	0	0	6	17	76	296	214	25	1	0	0	0	0	0	0	635
	18:00	1	0	0	0	0	40	227	136	30	1	0	0	0	0	0	0	435
	19:00	0	0	0	0	0	26	148	111	23	1	0	0	0	0	0	0	309
	20:00	0	0	0	0	7	36	131	60	12	2	0	0	0	0	0	0	248
	21:00	0	0	0	0	5	37	67	39	7	1	0	0	0	0	0	0	156
	22:00	0	0	0	0	0	9	17	15	5	1	0	0	0	0	0	0	47
	23:00	0	0	0	0	2	5	12	17	6	1	0	0	0	0	0	0	43
Daily Total :		4	6	6	12	70	632	2623	1703	270	15	1	1	0	0	0	0	5343
Percent :		0%	0%	0%	0%	1%	12%	49%	32%	5%	0%	0%	0%	0%	0%	0%	0%	
Cum. Percent :		0%	0%	0%	1%	2%	14%	63%	95%	100%	100%	100%	100%	100%	100%	100%	100%	
Average :		0	0	0	1	5	45	187	122	19	1	0	0	0	0	0	0	380

Average Speed : 48.7 mph
50% Speed : 48.7 mph
85% Speed : 53.5 mph
10mph Pace: 45.0 - 54.9 (81.0%)

Date	Time	#1 0 - 19.9	#2 20 - 24.9	#3 25 - 29.9	#4 30 - 34.9	#5 35 - 39.9	#6 40 - 44.9	#7 45 - 49.9	#8 50 - 54.9	#9 55 - 59.9	#10 60 - 64.9	#11 65 - 69.9	#12 70 - 74.9	#13 75 - 79.9	#14 80 - 84.9	#15 85 - 89.9	#16 Other	Total
05/01/13	00:00	0	0	0	0	0	3	9	7	2	0	0	0	0	0	0	0	21
Wed	01:00	0	0	0	0	2	3	10	3	1	1	1	0	0	0	0	0	21
	02:00	0	0	0	0	0	4	3	7	0	1	0	0	0	0	0	0	15
	03:00	0	0	0	0	0	2	6	7	6	0	0	0	0	0	0	0	21
	04:00	0	0	0	0	0	7	14	27	16	3	0	0	0	0	0	0	67
	05:00	0	0	0	0	2	22	49	106	34	3	0	0	0	0	0	0	216
	06:00	0	0	0	0	2	30	201	271	46	2	0	0	0	0	0	0	552
	07:00	1	3	0	0	1	53	336	274	50	4	1	0	0	0	0	0	723
	08:00	0	1	9	3	1	59	382	248	32	1	0	0	0	0	0	0	736
	09:00	0	0	0	2	3	72	284	151	10	1	0	0	0	0	0	0	523
	10:00	1	0	0	4	6	105	230	113	15	0	0	0	0	0	0	0	474
	11:00	0	1	0	2	5	72	242	158	13	2	0	0	0	0	0	0	495
	12:00	0	1	0	0	3	61	218	173	14	2	0	0	0	0	0	0	472
	13:00	1	0	2	0	1	59	284	189	24	0	1	0	0	0	0	0	561
	14:00	1	0	0	0	10	53	299	180	26	4	0	0	0	0	0	0	573
	15:00	3	3	6	4	9	79	258	195	26	2	0	0	0	0	0	0	585
	16:00	0	1	0	0	0	65	353	179	45	3	0	0	0	0	0	0	646
	17:00	0	0	0	0	0	80	353	208	22	0	0	0	0	0	0	0	663
	18:00	1	0	0	0	1	79	237	162	17	3	0	0	0	0	0	0	500
	19:00	1	0	0	0	1	25	137	126	18	1	0	0	0	0	0	0	309
	20:00	0	0	0	0	5	47	101	52	12	0	0	0	0	0	0	0	217
	21:00	0	0	0	0	0	21	59	43	5	0	0	0	0	0	0	0	128
	22:00	0	0	0	0	0	1	22	22	8	1	1	0	0	0	0	0	55
	23:00	0	0	0	0	1	4	15	17	4	0	0	0	0	0	0	0	41
Daily Total :		9	10	17	15	53	1006	4102	2918	446	34	4	0	0	0	0	0	8614
Percent :		0%	0%	0%	0%	1%	12%	48%	34%	5%	0%	0%	0%	0%	0%	0%	0%	
Cum. Percent :		0%	0%	0%	1%	1%	13%	61%	94%	100%	100%	100%	100%	100%	100%	100%	100%	
Average :		0	0	1	1	2	42	171	122	19	1	0	0	0	0	0	0	359

Average Speed : 48.9 mph 50% Speed : 48.9 mph 85% Speed : 53.6 mph
10mph Pace: 45.0 - 54.9 (81.5%)

Date	Time	#1 0 - 19.9	#2 20 - 24.9	#3 25 - 29.9	#4 30 - 34.9	#5 35 - 39.9	#6 40 - 44.9	#7 45 - 49.9	#8 50 - 54.9	#9 55 - 59.9	#10 60 - 64.9	#11 65 - 69.9	#12 70 - 74.9	#13 75 - 79.9	#14 80 - 84.9	#15 85 - 89.9	#16 Other	Total
05/02/13	00:00	0	0	0	0	1	2	12	7	3	1	0	0	0	0	0	0	26
Thu	01:00	0	0	0	0	0	0	4	4	1	1	0	0	0	0	0	0	10
	02:00	0	0	0	0	0	2	7	5	4	1	0	0	0	0	0	0	19
	03:00	0	0	0	0	0	1	11	5	1	0	0	0	0	0	0	0	18
	04:00	0	0	0	0	0	6	19	33	15	0	0	0	0	0	0	0	73
	05:00	0	0	0	0	1	11	95	98	26	0	0	0	0	0	0	0	231
	06:00	0	0	0	0	1	20	165	311	98	7	1	0	0	0	0	0	603
	07:00	1	1	1	0	1	52	336	282	52	3	0	0	0	0	0	0	729
	08:00	1	0	0	0	2	102	340	214	19	2	0	0	0	0	0	0	680
	09:00	1	0	0	0	19	109	279	134	13	3	0	1	0	0	1	0	560
	10:00	1	0	0	0	14	101	229	104	16	0	0	0	0	0	0	0	465
	11:00	0	2	0	0	4	89	280	153	9	0	0	0	0	0	0	0	537
	12:00	0	0	0	1	6	87	292	144	15	1	0	0	0	0	0	0	546
	13:00	0	0	0	2	14	90	255	144	15	1	0	0	0	0	0	0	521
	14:00	10	22	1	1	9	108	214	152	11	0	0	0	0	0	0	0	528
	15:00	0	0	1	0	3	70	327	198	18	2	0	0	0	0	0	0	619
	16:00	0	1	0	0	12	85	342	246	17	1	0	0	0	0	0	0	704
	17:00	0	0	0	1	1	77	299	231	26	1	1	0	0	0	0	0	637
	18:00	1	0	0	0	2	65	255	134	23	0	0	0	0	0	0	0	480
	19:00	0	0	0	0	2	36	158	116	19	1	0	0	0	0	0	0	332
	20:00	0	0	0	0	3	22	90	56	13	2	0	0	0	0	0	0	186
	21:00	0	0	0	0	1	22	57	30	7	2	1	0	0	0	0	0	120
	22:00	0	0	0	0	2	15	44	23	7	2	0	0	0	0	0	0	93
	23:00	0	0	0	0	1	9	30	17	7	1	0	0	0	0	0	0	65
Daily Total :		15	26	3	5	99	1181	4140	2841	435	32	3	1	0	0	1	0	8782
Percent :		0%	0%	0%	0%	1%	13%	47%	32%	5%	0%	0%	0%	0%	0%	0%	0%	
Cum. Percent :		0%	0%	1%	1%	2%	15%	62%	95%	100%	100%	100%	100%	100%	100%	100%	100%	
Average :		1	1	0	0	4	49	173	118	18	1	0	0	0	0	0	0	365

Average Speed : 48.7 mph 50% Speed : 48.7 mph 85% Speed : 53.5 mph
10mph Pace: 45.0 - 54.9 (79.5%)

Date	Time	#1 0 - 19.9	#2 20 - 24.9	#3 25 - 29.9	#4 30 - 34.9	#5 35 - 39.9	#6 40 - 44.9	#7 45 - 49.9	#8 50 - 54.9	#9 55 - 59.9	#10 60 - 64.9	#11 65 - 69.9	#12 70 - 74.9	#13 75 - 79.9	#14 80 - 84.9	#15 85 - 89.9	#16 Other	Total
05/03/13	00:00	0	0	0	0	0	3	6	6	5	1	1	0	0	0	0	0	22
Fri	01:00	0	0	0	0	0	4	12	12	1	0	0	0	0	0	0	0	29
	02:00	0	0	0	0	0	1	6	5	1	0	0	0	0	0	0	0	13
	03:00	0	0	0	0	0	0	9	11	1	0	0	0	0	0	0	0	21
	04:00	0	0	0	0	1	3	34	22	14	1	0	0	0	0	0	0	75
	05:00	0	0	1	0	1	14	93	91	29	6	0	0	1	0	0	0	236
	06:00	1	0	0	0	2	24	179	269	79	5	1	0	0	0	0	0	560
	07:00	1	3	0	0	0	47	353	310	56	4	0	0	0	0	0	0	774
	08:00	0	0	0	0	5	79	372	248	24	3	0	0	0	0	0	0	731
	09:00	1	0	3	1	8	109	321	106	11	1	0	0	0	0	0	0	561
	10:00	0	1	2	7	13	137	281	104	6	0	0	0	0	0	0	0	551
	11:00	0	1	0	1	20	162	367	119	9	0	0	0	0	0	0	0	679
	12:00	0	2	0	0	7	140	360	184	17	2	0	0	0	0	0	0	712
	13:00	0	0	0	1	26	141	293	157	17	0	0	0	0	0	0	0	635
	14:00	1	2	0	0	9	143	335	171	13	0	0	0	0	0	0	0	674
	15:00	3	0	0	0	4	81	423	228	26	3	1	0	0	0	0	0	769
	16:00	1	1	0	3	12	99	372	234	25	3	0	0	0	0	0	0	750
	17:00	1	0	0	0	0	75	410	231	24	0	0	0	0	0	0	0	741
	18:00	0	1	0	2	5	90	283	197	30	0	0	0	0	0	0	0	608
	19:00	1	0	0	0	2	46	147	134	18	3	0	0	0	0	0	0	351
	20:00	0	0	0	0	2	35	116	73	14	0	0	0	0	0	0	0	240
	21:00	0	0	0	3	3	49	79	55	8	0	0	0	0	0	0	0	197
	22:00	0	0	0	0	2	17	45	28	7	0	0	0	0	0	0	0	99
	23:00	0	0	0	0	0	11	31	27	4	1	0	0	0	0	0	0	74
Daily Total :		10	11	6	18	122	1510	4927	3022	439	33	3	0	1	0	0	0	10102
Percent :		0%	0%	0%	0%	1%	15%	49%	30%	4%	0%	0%	0%	0%	0%	0%	0%	
Cum. Percent :		0%	0%	0%	0%	2%	17%	65%	95%	100%	100%	100%	100%	100%	100%	100%	100%	
Average :		0	0	0	1	5	63	205	126	18	1	0	0	0	0	0	0	419

Average Speed : 48.5 mph 50% Speed : 48.4 mph 85% Speed : 53.3 mph
10mph Pace: 45.0 - 54.9 (78.7%)

Date	Time	#1 0 - 19.9	#2 20 - 24.9	#3 25 - 29.9	#4 30 - 34.9	#5 35 - 39.9	#6 40 - 44.9	#7 45 - 49.9	#8 50 - 54.9	#9 55 - 59.9	#10 60 - 64.9	#11 65 - 69.9	#12 70 - 74.9	#13 75 - 79.9	#14 80 - 84.9	#15 85 - 89.9	#16 Other	Total
05/04/13	00:00	0	0	0	0	1	7	33	17	4	0	0	0	0	0	0	0	62
Sat	01:00	0	0	0	0	0	3	13	17	5	0	0	0	0	0	0	0	38
	02:00	0	0	0	0	0	4	12	8	0	0	0	0	0	0	0	0	24
	03:00	0	0	0	0	0	1	7	5	3	3	0	0	0	0	0	0	19
	04:00	0	0	0	0	1	1	7	9	10	1	2	0	0	0	0	0	31
	05:00	0	0	0	0	0	0	28	28	23	5	0	0	0	0	0	0	84
	06:00	0	0	0	0	1	10	58	107	36	7	1	1	0	0	0	0	221
	07:00	1	0	0	0	3	21	85	145	42	8	1	0	0	0	0	0	306
	08:00	1	1	0	0	3	30	205	157	46	1	0	0	0	0	0	0	444
	09:00	1	2	0	0	2	83	294	182	31	2	0	0	0	0	0	0	597
	10:00	0	2	1	2	7	92	349	199	29	1	0	0	0	0	0	0	682
	11:00	1	0	0	0	5	108	401	222	28	2	0	0	0	0	0	0	767
	12:00	2	1	0	0	8	117	390	185	20	1	0	0	0	0	0	0	724
	13:00	1	0	0	0	5	111	317	218	26	0	1	0	0	0	0	0	679
	14:00	2	0	0	0	8	92	350	187	22	0	0	0	0	0	0	0	661
	15:00	2	0	0	0	29	97	311	205	20	5	0	0	0	0	0	0	669
	16:00	0	0	0	0	0	66	338	196	25	0	0	0	0	0	0	0	625
	17:00	1	0	0	0	4	92	299	173	15	3	0	0	0	0	0	0	587
	18:00	0	0	0	0	9	57	205	144	19	3	0	0	0	0	0	0	437
	19:00	0	0	0	0	2	34	153	109	13	1	0	0	0	0	0	0	312
	20:00	0	0	0	0	9	41	81	54	7	1	0	0	0	0	0	0	193
	21:00	0	0	0	0	1	33	83	40	9	0	0	0	0	0	0	0	166
	22:00	0	0	2	0	5	15	63	29	6	1	0	0	0	0	0	0	121
	23:00	0	0	0	0	0	14	25	15	5	2	0	0	1	0	0	0	62
Daily Total :		12	6	3	2	103	1129	4107	2651	444	47	5	1	1	0	0	0	8511
Percent :		0%	0%	0%	0%	1%	13%	48%	31%	5%	1%	0%	0%	0%	0%	0%	0%	
Cum. Percent :		0%	0%	0%	0%	1%	15%	63%	94%	99%	100%	100%	100%	100%	100%	100%	100%	
Average :		1	0	0	0	4	47	171	110	19	2	0	0	0	0	0	0	354

Average Speed : 48.7 mph 50% Speed : 48.7 mph 85% Speed : 53.6 mph
10mph Pace: 45.0 - 54.9 (79.4%)

Date	Time	#1 0 - 19.9	#2 20 - 24.9	#3 25 - 29.9	#4 30 - 34.9	#5 35 - 39.9	#6 40 - 44.9	#7 45 - 49.9	#8 50 - 54.9	#9 55 - 59.9	#10 60 - 64.9	#11 65 - 69.9	#12 70 - 74.9	#13 75 - 79.9	#14 80 - 84.9	#15 85 - 89.9	#16 Other	Total
05/05/13	00:00	0	0	0	1	0	6	14	12	0	1	0	0	0	0	0	0	34
Sun	01:00	0	0	0	0	2	9	15	8	3	0	0	0	0	0	0	0	37
	02:00	0	0	0	1	1	6	7	7	3	1	0	0	0	0	0	0	26
	03:00	0	0	0	0	0	4	9	4	2	1	0	0	0	0	0	0	20
	04:00	0	0	0	0	1	2	14	8	5	2	0	0	0	0	0	0	32
	05:00	0	0	0	0	0	7	16	16	23	3	0	0	0	0	0	0	65
	06:00	0	0	0	0	1	6	37	77	31	6	0	1	0	0	0	0	159
	07:00	0	0	0	0	1	2	56	59	23	8	1	0	0	0	0	0	150
	08:00	0	0	0	0	1	17	103	141	30	2	0	0	0	0	0	0	294
	09:00	1	0	0	0	3	51	207	156	22	1	1	0	0	0	0	0	442
	10:00	0	2	0	0	6	129	383	171	20	0	0	0	0	0	0	0	711
	11:00	1	0	0	0	5	135	385	205	17	0	0	0	0	0	0	0	748
	12:00	1	1	0	0	13	136	371	178	20	0	0	0	0	0	0	0	720
	13:00	0	0	0	0	2	108	329	228	29	1	0	0	0	0	0	0	697
	14:00	1	0	1	0	7	62	255	222	29	1	0	0	0	0	0	0	578
	15:00	0	1	0	0	3	45	225	189	20	3	1	0	0	0	0	0	487
	16:00	1	3	0	0	11	89	227	137	20	1	0	0	0	0	0	0	489
	17:00	0	0	0	3	8	78	210	112	9	1	1	0	0	0	0	0	422
	18:00	0	0	0	0	2	43	134	113	18	1	1	0	0	0	0	0	312
	19:00	0	0	0	0	2	19	101	70	16	2	1	0	0	0	0	0	211
	20:00	0	0	0	0	0	34	68	35	1	0	0	0	0	0	0	0	138
	21:00	0	0	0	0	2	25	43	25	6	2	0	0	0	0	0	0	103
	22:00	0	0	0	0	1	13	29	16	5	1	0	0	0	0	0	0	65
	23:00	0	0	0	0	1	5	21	15	3	1	0	0	0	0	0	0	46
Daily Total :		5	7	1	5	73	1031	3259	2204	355	39	6	1	0	0	0	0	6986
Percent :		0%	0%	0%	0%	1%	15%	47%	32%	5%	1%	0%	0%	0%	0%	0%	0%	
Cum. Percent :		0%	0%	0%	0%	1%	16%	63%	94%	99%	100%	100%	100%	100%	100%	100%	100%	
Average :		0	0	0	0	3	43	136	92	15	2	0	0	0	0	0	0	291

Average Speed : 48.7 mph 50% Speed : 48.7 mph 85% Speed : 53.6 mph
10mph Pace: 45.0 - 54.9 (78.2%)

Date	Time	#1 0 - 19.9	#2 20 - 24.9	#3 25 - 29.9	#4 30 - 34.9	#5 35 - 39.9	#6 40 - 44.9	#7 45 - 49.9	#8 50 - 54.9	#9 55 - 59.9	#10 60 - 64.9	#11 65 - 69.9	#12 70 - 74.9	#13 75 - 79.9	#14 80 - 84.9	#15 85 - 89.9	#16 Other	Total
05/06/13	00:00	0	0	0	0	0	3	8	8	2	0	0	0	0	0	0	0	21
Mon	01:00	0	0	0	0	1	5	10	10	2	0	0	0	0	0	0	0	28
	02:00	0	0	0	0	0	2	5	5	3	0	0	0	0	0	0	0	15
	03:00	0	0	0	0	1	2	8	5	3	1	0	0	0	0	0	0	20
	04:00	1	0	0	0	1	3	25	38	8	0	0	0	0	0	0	0	76
	05:00	0	0	0	0	1	16	94	105	24	1	0	0	0	0	0	0	241
	06:00	0	0	0	0	1	36	229	251	33	6	0	1	0	0	0	0	557
	07:00	1	1	1	0	3	95	374	220	37	2	1	0	0	0	0	0	735
	08:00	0	0	0	0	2	93	313	197	23	2	1	0	0	0	0	0	631
	09:00	0	0	1	2	4	67	297	128	22	3	0	0	0	0	0	0	524
	10:00	0	1	0	0	6	76	233	125	14	0	0	0	0	0	0	0	455
	11:00	2	0	1	0	15	80	253	130	14	1	0	0	0	0	0	0	496
	12:00	1	0	0	2	4	71	296	161	26	1	1	0	0	0	0	0	563
	13:00	0	0	0	0	0	81	244	154	14	0	0	1	0	0	0	0	494
	14:00	0	1	0	0	1	50	288	181	32	1	0	0	0	0	0	0	554
	15:00	1	1	0	0	3	81	285	206	19	3	1	0	0	0	0	0	600
	16:00	0	1	0	0	3	90	348	205	25	0	0	0	0	0	0	0	672
	17:00	2	0	0	0	7	49	340	233	20	0	0	0	0	0	0	0	651
	18:00	2	0	0	0	4	52	208	164	23	5	0	0	0	0	0	0	458
	19:00	1	0	0	0	3	28	110	121	20	2	0	0	0	0	0	0	285
	20:00	0	0	0	0	3	36	92	57	7	0	0	0	0	0	0	0	195
	21:00	1	0	0	0	1	23	58	44	4	1	0	0	0	0	0	0	132
	22:00	0	0	0	0	0	8	33	28	7	1	0	0	0	0	0	0	77
	23:00	0	0	0	0	0	2	12	13	2	1	0	0	0	0	0	0	30
Daily Total :		12	5	3	4	64	1049	4163	2789	384	31	4	2	0	0	0	0	8510
Percent :		0%	0%	0%	0%	1%	12%	49%	33%	5%	0%	0%	0%	0%	0%	0%	0%	
Cum. Percent :		0%	0%	0%	0%	1%	13%	62%	95%	100%	100%	100%	100%	100%	100%	100%	100%	
Average :		1	0	0	0	3	44	173	116	16	1	0	0	0	0	0	0	354

Average Speed : 48.8 mph 50% Speed : 48.8 mph 85% Speed : 53.4 mph
10mph Pace: 45.0 - 54.9 (81.7%)

Date	Time	#1 0 - 19.9	#2 20 - 24.9	#3 25 - 29.9	#4 30 - 34.9	#5 35 - 39.9	#6 40 - 44.9	#7 45 - 49.9	#8 50 - 54.9	#9 55 - 59.9	#10 60 - 64.9	#11 65 - 69.9	#12 70 - 74.9	#13 75 - 79.9	#14 80 - 84.9	#15 85 - 89.9	#16 Other	Total
05/07/13	00:00	0	0	0	0	1	1	8	8	2	0	0	0	0	0	0	0	20
Tue	01:00	0	0	0	0	0	1	6	4	0	0	0	0	0	0	0	0	11
	02:00	0	0	0	0	0	1	5	4	3	0	0	0	0	0	0	0	13
	03:00	0	0	0	0	0	2	7	9	1	0	0	0	0	0	0	0	19
	04:00	0	0	0	0	0	4	23	38	6	1	0	0	0	0	0	0	72
	05:00	2	0	0	0	0	14	90	113	23	3	0	1	0	0	0	0	246
	06:00	0	0	0	0	5	74	282	182	24	1	1	0	0	0	0	0	569
	07:00	1	2	0	1	7	88	426	240	26	1	0	0	0	0	0	0	792
Daily Total :		3	2	0	1	13	185	847	598	85	6	1	1	0	0	0	0	1742
Percent :		0%	0%	0%	0%	1%	11%	49%	34%	5%	0%	0%	0%	0%	0%	0%	0%	
Cum. Percent :		0%	0%	0%	0%	1%	12%	60%	95%	100%	100%	100%	100%	100%	100%	100%	100%	
Average :		0	0	0	0	2	23	106	75	11	1	0	0	0	0	0	0	218

Average Speed : 49.0 mph 50% Speed : 48.9 mph 85% Speed : 53.5 mph
10mph Pace: 45.0 - 54.9 (83.0%)

Date	Time	#1 0 - 19.9	#2 20 - 24.9	#3 25 - 29.9	#4 30 - 34.9	#5 35 - 39.9	#6 40 - 44.9	#7 45 - 49.9	#8 50 - 54.9	#9 55 - 59.9	#10 60 - 64.9	#11 65 - 69.9	#12 70 - 74.9	#13 75 - 79.9	#14 80 - 84.9	#15 85 - 89.9	#16 Other	Total

Special Speed Study Summary: 16236EB

Description	#1 0 - 19.9	#2 20 - 24.9	#3 25 - 29.9	#4 30 - 34.9	#5 35 - 39.9	#6 40 - 44.9	#7 45 - 49.9	#8 50 - 54.9	#9 55 - 59.9	#10 60 - 64.9	#11 65 - 69.9	#12 70 - 74.9	#13 75 - 79.9	#14 80 - 84.9	#15 85 - 89.9	#16 Other	Total
Grand Total :	70	73	39	62	597	7723	28168	18726	2858	237	27	7	2	0	1	0	58590
Percent :	0%	0%	0%	0%	1%	13%	48%	32%	5%	0%	0%	0%	0%	0%	0%	0%	
Cum. Percent :	0%	0%	0%	0%	1%	15%	63%	95%	100%	100%	100%	100%	100%	100%	100%	100%	
Average :	0	0	0	0	4	47	170	113	17	1	0	0	0	0	0	0	352

ADT = 8470

Average Speed : 48.7 mph

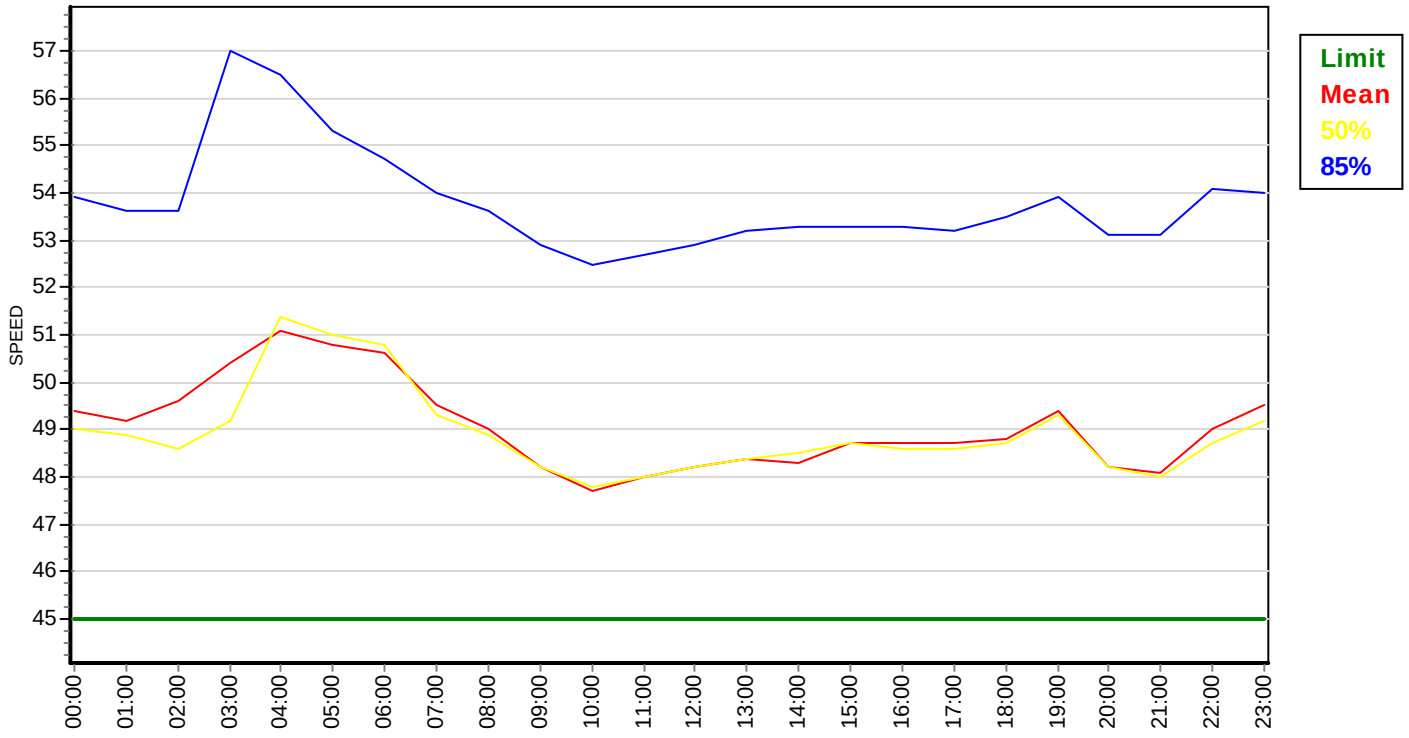
50% Speed : 48.7 mph

85% Speed : 53.5 mph

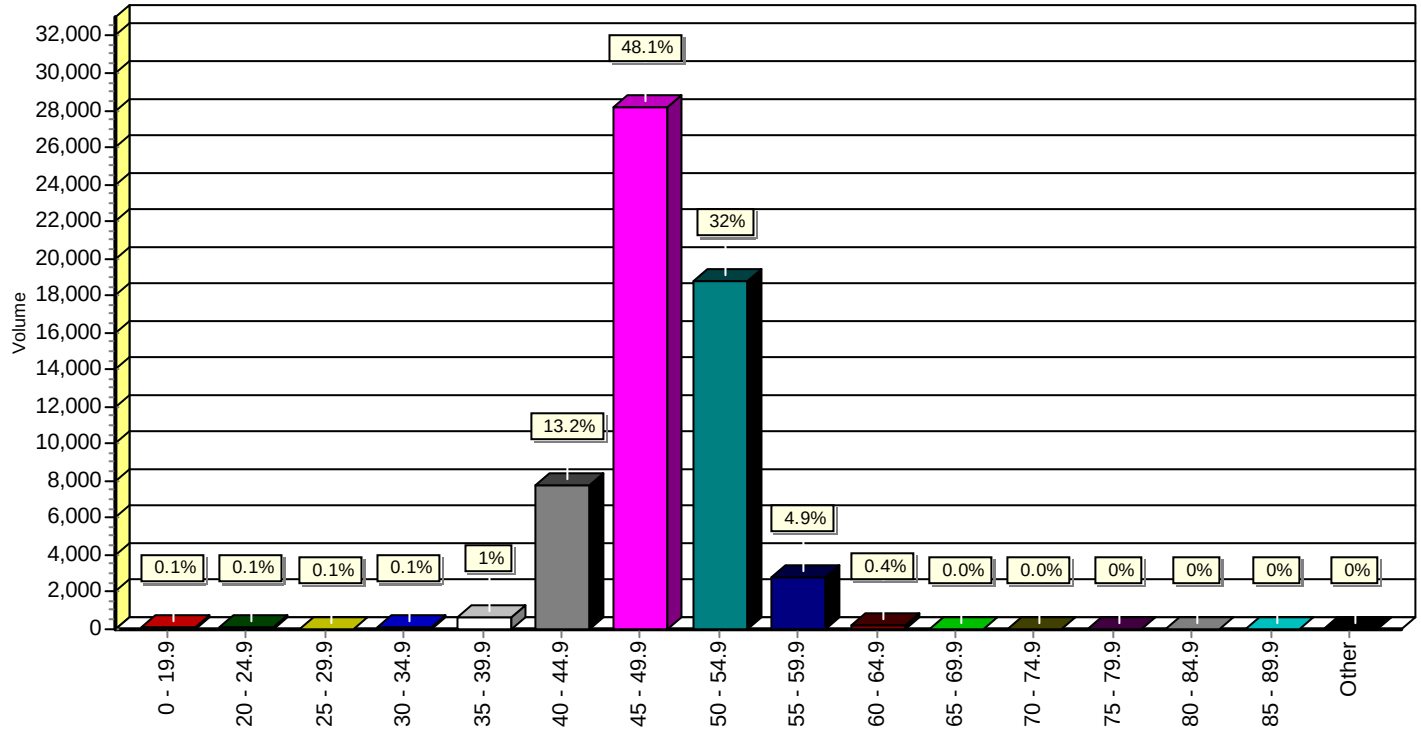
10mph Pace: 45.0 - 54.9 (80.0%)

16236EB Charts For Data From: 10:00 - 04/30/2013 To: 08:59 - 05/07/2013

Speed Percent vs. Time (all lanes)



Speed Bin Chart (all lanes combined)



Special Speed Study Report: 16236WB

Station ID : 16236WB
Info Line 1 : DURHAM
Info Line 2 : US 4 WB at Bunker Creek Bridge
GPS Lat/Lon :
DB File : 16236WB.DB

Last Connected Device Type : Unic-L
Version Number : 1.45
Serial Number : 85494

Number of Lanes : 1
Posted Speed Limit : 45.0 mph

Lane #1 Configuration

#	Dir.	Information	Vehicle Sensors	Sensor Spacing	Loop Length	Comment
1.		WB	Ax-Ax	6.0 ft	6.0 ft	

Lane #1 Special Speed Study Data From: 10:00 - 04/30/2013 To: 08:59 - 05/07/2013

Date	Time	#1 0 - 19.9	#2 20 - 24.9	#3 25 - 29.9	#4 30 - 34.9	#5 35 - 39.9	#6 40 - 44.9	#7 45 - 49.9	#8 50 - 54.9	#9 55 - 59.9	#10 60 - 64.9	#11 65 - 69.9	#12 70 - 74.9	#13 75 - 79.9	#14 80 - 84.9	#15 85 - 89.9	#16 Other	Total
04/30/13	10:00	2	0	0	1	11	98	136	65	2	0	0	0	0	0	0	0	315
Tue	11:00	1	1	1	1	15	98	200	62	11	0	0	0	0	0	0	0	390
	12:00	4	0	0	1	17	100	245	70	6	0	0	0	0	0	0	0	443
	13:00	1	0	0	1	34	144	247	76	11	0	0	0	0	0	0	0	514
	14:00	0	0	0	0	10	115	318	101	4	0	0	0	0	0	0	0	548
	15:00	0	0	0	5	17	174	354	133	12	0	0	0	0	0	0	0	695
	16:00	0	0	0	1	12	230	480	121	11	0	1	0	0	0	0	0	856
	17:00	0	1	2	4	13	161	424	146	10	0	0	0	0	0	0	0	761
	18:00	1	3	0	0	9	141	266	125	17	0	0	0	0	0	0	0	562
	19:00	0	2	2	0	23	137	185	84	12	0	0	0	0	0	0	0	445
	20:00	0	1	0	2	5	111	188	69	1	0	1	0	0	0	0	0	378
	21:00	1	0	0	1	9	78	161	55	1	0	0	0	0	0	0	0	306
	22:00	0	0	0	0	6	28	56	32	9	0	0	0	0	0	0	0	131
	23:00	0	0	0	0	2	18	46	24	5	0	0	0	0	0	0	0	95
Daily Total :		10	8	5	17	183	1633	3306	1163	112	0	2	0	0	0	0	0	6439
Percent :		0%	0%	0%	0%	3%	25%	51%	18%	2%	0%	0%	0%	0%	0%	0%	0%	
Cum. Percent :		0%	0%	0%	1%	3%	29%	80%	98%	100%	100%	100%	100%	100%	100%	100%	100%	
Average :		1	1	0	1	13	117	236	83	8	0	0	0	0	0	0	0	460

Average Speed : 46.8 mph 50% Speed : 47.1 mph 85% Speed : 51.4 mph
10mph Pace: 40.0 - 49.9 (76.7%)

Date	Time	#1 0 - 19.9	#2 20 - 24.9	#3 25 - 29.9	#4 30 - 34.9	#5 35 - 39.9	#6 40 - 44.9	#7 45 - 49.9	#8 50 - 54.9	#9 55 - 59.9	#10 60 - 64.9	#11 65 - 69.9	#12 70 - 74.9	#13 75 - 79.9	#14 80 - 84.9	#15 85 - 89.9	#16 Other	Total
05/01/13	00:00	0	0	0	0	1	25	27	22	3	0	0	0	0	0	0	0	78
Wed	01:00	0	0	0	1	1	8	5	8	1	0	1	0	0	0	0	0	25
	02:00	0	0	0	0	0	5	4	4	0	0	0	0	0	0	0	0	13
	03:00	0	0	0	0	1	5	4	4	1	0	0	0	0	0	0	0	15
	04:00	0	0	0	0	0	9	8	8	0	0	0	0	0	0	0	0	25
	05:00	0	0	0	0	4	6	27	13	4	0	0	0	0	0	0	0	54
	06:00	0	0	1	1	9	20	69	60	6	1	0	0	0	0	0	0	167
	07:00	0	1	0	3	14	87	252	104	9	0	0	0	0	0	0	0	470
	08:00	5	2	3	1	0	29	222	119	7	0	0	0	0	0	0	0	388
	09:00	0	4	2	1	9	76	168	80	7	0	0	0	0	0	0	0	347
	10:00	0	2	1	12	31	126	138	43	2	0	0	0	0	0	0	0	355
	11:00	0	0	0	1	4	112	195	87	2	0	0	0	0	0	0	0	401
	12:00	0	2	0	0	10	139	239	76	5	0	0	0	0	0	0	0	471
	13:00	2	0	2	3	29	161	226	59	4	0	0	0	0	0	0	0	486
	14:00	2	3	2	2	12	151	291	77	4	0	0	0	0	0	0	0	544
	15:00	0	0	0	2	27	197	404	121	7	0	0	0	0	0	0	0	758
	16:00	0	1	1	0	13	180	392	152	15	1	0	0	0	0	0	0	755
	17:00	0	2	3	2	14	184	485	150	2	1	0	0	0	0	0	0	843
	18:00	0	0	0	1	13	156	302	113	8	0	0	0	0	0	0	0	593
	19:00	0	0	0	0	16	160	247	51	4	0	0	0	0	0	0	0	478
	20:00	1	10	4	3	22	96	184	70	9	0	0	0	0	0	0	0	399
	21:00	0	0	0	7	18	104	126	60	3	1	1	0	0	0	0	0	320
	22:00	0	0	0	0	1	26	52	51	5	0	0	0	0	0	0	0	135
	23:00	0	0	0	0	0	15	62	27	9	0	0	0	0	0	0	0	113
Daily Total :		10	27	19	40	249	2077	4129	1559	117	4	2	0	0	0	0	0	8233
Percent :		0%	0%	0%	0%	3%	25%	50%	19%	1%	0%	0%	0%	0%	0%	0%	0%	
Cum. Percent :		0%	0%	1%	1%	4%	29%	80%	99%	100%	100%	100%	100%	100%	100%	100%	100%	
Average :		0	1	1	2	10	87	172	65	5	0	0	0	0	0	0	0	343

Average Speed : 46.7 mph 50% Speed : 47.1 mph 85% Speed : 51.4 mph
10mph Pace: 40.0 - 49.9 (75.4%)

Date	Time	#1 0 - 19.9	#2 20 - 24.9	#3 25 - 29.9	#4 30 - 34.9	#5 35 - 39.9	#6 40 - 44.9	#7 45 - 49.9	#8 50 - 54.9	#9 55 - 59.9	#10 60 - 64.9	#11 65 - 69.9	#12 70 - 74.9	#13 75 - 79.9	#14 80 - 84.9	#15 85 - 89.9	#16 Other	Total
05/02/13	00:00	0	0	1	0	1	17	28	14	4	1	0	0	0	0	0	0	66
Thu	01:00	0	0	0	0	0	2	10	10	2	0	0	0	0	0	0	0	24
	02:00	0	0	0	0	0	4	6	5	3	1	0	0	0	0	0	0	19
	03:00	0	0	0	0	0	6	5	6	1	0	0	0	0	0	0	0	18
	04:00	0	0	1	0	1	1	4	4	1	0	0	0	0	0	0	0	12
	05:00	0	0	0	0	0	4	30	16	8	0	0	0	0	0	0	0	58
	06:00	2	1	1	0	0	29	79	62	10	0	0	0	0	0	0	0	184
	07:00	0	0	0	6	9	79	255	105	7	0	0	0	0	0	0	0	461
	08:00	0	0	0	0	3	67	242	68	9	0	0	0	0	0	0	0	389
	09:00	1	0	0	2	11	95	220	51	6	0	1	0	0	0	0	0	387
	10:00	0	0	0	0	8	98	188	71	4	0	0	0	0	0	0	0	369
	11:00	0	0	1	0	19	141	180	59	7	0	0	0	0	0	0	0	407
	12:00	0	0	1	2	17	144	226	57	1	0	0	0	0	0	0	0	448
	13:00	0	0	0	0	19	177	275	75	6	0	0	0	0	0	0	0	552
	14:00	0	1	5	14	37	199	249	68	6	0	0	0	0	0	0	0	579
	15:00	0	0	0	5	30	300	395	94	10	1	0	0	0	0	0	0	835
	16:00	0	0	1	3	9	178	419	147	5	1	0	0	0	0	0	0	763
	17:00	3	0	1	5	14	222	402	133	5	0	0	0	0	0	0	0	785
	18:00	0	1	6	4	15	138	332	127	7	1	0	0	0	0	0	0	631
	19:00	0	0	0	2	21	122	219	79	7	0	0	0	0	0	0	0	450
	20:00	0	0	0	1	9	115	227	72	8	1	0	0	0	0	0	0	433
	21:00	0	0	0	1	24	74	188	60	6	0	0	0	0	0	0	0	353
	22:00	0	0	0	0	3	35	81	33	6	0	0	0	0	0	0	0	158
	23:00	0	0	0	1	2	19	57	29	3	0	0	0	0	0	0	0	111
Daily Total :		6	3	18	46	252	2266	4317	1445	132	6	1	0	0	0	0	0	8492
Percent :		0%	0%	0%	1%	3%	27%	51%	17%	2%	0%	0%	0%	0%	0%	0%	0%	
Cum. Percent :		0%	0%	0%	1%	4%	31%	81%	98%	100%	100%	100%	100%	100%	100%	100%	100%	
Average :		0	0	1	2	11	94	180	60	6	0	0	0	0	0	0	0	354

Average Speed : 46.7 mph 50% Speed : 47.0 mph 85% Speed : 51.1 mph
10mph Pace: 40.0 - 49.9 (77.5%)

Date	Time	#1 0 - 19.9	#2 20 - 24.9	#3 25 - 29.9	#4 30 - 34.9	#5 35 - 39.9	#6 40 - 44.9	#7 45 - 49.9	#8 50 - 54.9	#9 55 - 59.9	#10 60 - 64.9	#11 65 - 69.9	#12 70 - 74.9	#13 75 - 79.9	#14 80 - 84.9	#15 85 - 89.9	#16 Other	Total
05/03/13	00:00	0	0	0	0	2	13	52	18	3	1	0	0	0	0	0	0	89
Fri	01:00	0	0	0	0	3	6	15	8	3	0	0	0	0	0	0	0	35
	02:00	0	0	0	0	0	7	21	7	3	0	0	0	0	0	0	0	38
	03:00	0	0	0	0	1	5	15	7	0	0	0	0	0	0	0	0	28
	04:00	0	0	0	0	3	3	7	3	5	1	0	0	0	0	0	0	22
	05:00	0	0	1	0	2	5	35	22	1	1	0	1	0	0	0	0	68
	06:00	0	1	1	0	3	21	79	47	11	0	0	0	0	0	0	0	163
	07:00	1	0	0	1	6	62	213	107	10	0	0	0	0	0	0	0	400
	08:00	0	0	0	0	11	79	180	85	5	2	0	0	0	0	0	0	362
	09:00	0	0	1	0	7	79	193	71	4	0	0	0	0	0	0	0	355
	10:00	0	0	0	0	4	77	194	78	6	0	0	0	0	0	0	0	359
	11:00	0	0	6	9	16	143	189	62	3	0	0	0	0	0	0	0	428
	12:00	3	2	6	3	18	147	285	70	5	0	0	0	0	0	0	0	539
	13:00	0	0	0	0	19	187	284	75	5	1	0	0	0	0	0	0	571
	14:00	1	0	1	1	25	217	346	92	12	0	0	0	0	0	0	0	695
	15:00	0	0	1	5	31	208	521	120	10	0	0	0	0	0	0	0	896
	16:00	3	2	3	3	31	167	429	175	12	1	0	0	0	0	0	0	826
	17:00	0	1	1	3	17	131	280	131	6	0	0	0	0	0	0	0	570
	18:00	7	4	1	7	44	252	389	110	12	0	0	0	0	0	0	0	826
	19:00	0	1	0	1	19	172	288	87	7	1	0	0	0	0	0	0	576
	20:00	1	0	0	0	13	158	276	81	5	0	0	0	0	0	0	0	534
	21:00	1	0	0	3	23	90	223	100	4	1	1	0	0	0	0	0	446
	22:00	0	0	0	0	5	75	154	69	8	0	1	0	0	0	0	0	312
	23:00	0	0	0	0	3	38	76	35	4	1	0	0	0	0	0	0	157
Daily Total :		17	11	22	36	306	2342	4744	1660	144	10	2	1	0	0	0	0	9295
Percent :		0%	0%	0%	0%	3%	25%	51%	18%	2%	0%	0%	0%	0%	0%	0%	0%	
Cum. Percent :		0%	0%	1%	1%	4%	29%	80%	98%	100%	100%	100%	100%	100%	100%	100%	100%	
Average :		1	0	1	2	13	98	198	69	6	0	0	0	0	0	0	0	388

Average Speed : 46.7 mph 50% Speed : 47.0 mph 85% Speed : 51.3 mph
10mph Pace: 40.0 - 49.9 (76.2%)

Date	Time	#1 0 - 19.9	#2 20 - 24.9	#3 25 - 29.9	#4 30 - 34.9	#5 35 - 39.9	#6 40 - 44.9	#7 45 - 49.9	#8 50 - 54.9	#9 55 - 59.9	#10 60 - 64.9	#11 65 - 69.9	#12 70 - 74.9	#13 75 - 79.9	#14 80 - 84.9	#15 85 - 89.9	#16 Other	Total
05/04/13	00:00	0	0	0	0	5	28	59	38	2	0	0	0	0	0	0	0	132
Sat	01:00	0	0	0	0	4	18	37	15	5	0	1	0	0	0	0	0	80
	02:00	0	0	0	0	2	3	18	8	3	0	0	0	0	0	0	0	34
	03:00	0	0	0	0	0	3	7	8	0	1	0	0	0	0	0	0	19
	04:00	0	0	0	0	0	3	4	5	1	0	0	0	0	0	0	0	13
	05:00	0	0	0	0	1	3	7	13	6	1	0	0	0	0	0	0	31
	06:00	0	0	0	0	1	9	29	17	8	3	0	0	0	0	0	0	67
	07:00	0	0	0	0	1	22	68	66	13	0	0	0	0	0	0	0	170
	08:00	0	0	0	0	4	23	94	59	24	1	0	0	0	0	0	0	205
	09:00	3	1	0	1	4	59	160	84	11	1	0	0	0	0	0	0	324
	10:00	1	2	0	0	3	91	248	89	9	1	0	0	0	0	0	0	444
	11:00	2	2	0	0	4	102	300	140	12	0	0	0	0	0	0	0	562
	12:00	0	0	0	0	7	134	322	122	3	1	0	0	0	0	0	0	589
	13:00	0	1	2	11	42	141	309	122	1	0	0	0	0	0	0	0	629
	14:00	0	0	0	4	5	167	374	124	11	0	0	0	0	0	0	0	685
	15:00	0	0	0	0	17	184	438	147	10	1	0	0	0	0	0	0	797
	16:00	0	0	0	0	10	197	371	136	13	2	0	0	0	0	0	0	729
	17:00	0	0	0	1	15	159	377	151	14	0	0	0	0	0	0	0	717
	18:00	0	0	1	0	18	141	321	85	3	0	0	0	0	0	0	0	569
	19:00	0	0	0	0	9	123	283	92	13	0	0	0	0	0	0	0	520
	20:00	0	0	0	4	23	127	221	53	4	0	0	0	0	0	0	0	432
	21:00	0	0	0	0	18	159	213	62	2	0	0	0	0	0	0	0	454
	22:00	0	0	0	1	15	66	147	37	4	1	0	0	0	0	0	0	271
	23:00	0	0	0	1	6	43	105	39	3	0	0	0	0	0	0	0	197
Daily Total :		6	6	3	23	214	2005	4512	1712	175	13	1	0	0	0	0	0	8670
Percent :		0%	0%	0%	0%	2%	23%	52%	20%	2%	0%	0%	0%	0%	0%	0%	0%	
Cum. Percent :		0%	0%	0%	0%	3%	26%	78%	98%	100%	100%	100%	100%	100%	100%	100%	100%	
Average :		0	0	0	1	9	84	188	71	7	1	0	0	0	0	0	0	361

Average Speed : 47.2 mph 50% Speed : 47.3 mph 85% Speed : 51.8 mph
10mph Pace: 40.0 - 49.9 (75.2%)

Date	Time	#1 0 - 19.9	#2 20 - 24.9	#3 25 - 29.9	#4 30 - 34.9	#5 35 - 39.9	#6 40 - 44.9	#7 45 - 49.9	#8 50 - 54.9	#9 55 - 59.9	#10 60 - 64.9	#11 65 - 69.9	#12 70 - 74.9	#13 75 - 79.9	#14 80 - 84.9	#15 85 - 89.9	#16 Other	Total
05/05/13	00:00	0	0	0	0	1	25	38	17	0	0	1	0	0	0	0	0	82
Sun	01:00	0	0	0	0	3	15	28	12	4	1	0	0	0	0	0	0	63
	02:00	0	0	0	1	1	4	10	7	3	0	0	1	0	0	0	0	27
	03:00	0	0	0	0	1	6	8	6	0	0	0	0	0	0	0	0	21
	04:00	0	0	0	0	0	2	3	2	2	0	0	0	0	0	0	0	9
	05:00	0	0	0	0	0	3	7	6	2	1	0	0	0	0	0	0	19
	06:00	0	0	0	0	1	6	15	15	1	0	0	0	0	0	0	0	38
	07:00	0	0	0	0	0	17	44	49	11	0	0	0	0	0	0	0	121
	08:00	0	0	0	0	0	17	75	31	8	1	0	0	0	0	0	0	132
	09:00	0	0	0	0	5	40	142	65	6	0	0	0	0	0	0	0	258
	10:00	0	0	0	0	5	51	160	82	3	1	0	1	0	0	0	0	303
	11:00	1	1	0	1	13	116	215	98	5	1	0	0	0	0	0	0	451
	12:00	0	0	0	2	33	181	262	70	4	0	0	0	0	0	0	0	552
	13:00	0	1	0	1	18	161	298	104	6	0	0	0	0	0	0	0	589
	14:00	2	1	1	3	19	174	350	124	8	0	0	0	0	0	0	0	682
	15:00	0	0	0	0	16	148	395	106	11	1	0	0	0	0	0	0	677
	16:00	1	0	0	2	18	184	374	133	12	1	0	0	0	0	0	0	725
	17:00	0	3	1	2	24	147	282	125	10	1	0	0	0	0	0	0	595
	18:00	0	0	0	0	13	125	254	110	10	0	1	0	0	0	0	0	513
	19:00	0	0	0	0	5	77	233	85	8	1	0	0	0	0	0	0	409
	20:00	0	0	0	2	6	48	161	71	2	0	0	0	0	0	0	0	290
	21:00	0	0	0	0	4	48	104	39	6	0	0	0	0	0	0	0	201
	22:00	0	0	0	0	2	37	62	21	2	0	0	0	0	0	0	0	124
	23:00	0	0	0	1	0	14	19	29	6	1	0	0	0	0	0	0	70
Daily Total :		4	6	2	15	188	1646	3539	1407	130	10	2	2	0	0	0	0	6951
Percent :		0%	0%	0%	0%	3%	24%	51%	20%	2%	0%	0%	0%	0%	0%	0%	0%	
Cum. Percent :		0%	0%	0%	0%	3%	27%	78%	98%	100%	100%	100%	100%	100%	100%	100%	100%	
Average :		0	0	0	1	8	69	147	59	5	0	0	0	0	0	0	0	289

Average Speed : 47.1 mph 50% Speed : 47.3 mph 85% Speed : 51.8 mph
10mph Pace: 40.0 - 49.9 (74.6%)

Date	Time	#1 0 - 19.9	#2 20 - 24.9	#3 25 - 29.9	#4 30 - 34.9	#5 35 - 39.9	#6 40 - 44.9	#7 45 - 49.9	#8 50 - 54.9	#9 55 - 59.9	#10 60 - 64.9	#11 65 - 69.9	#12 70 - 74.9	#13 75 - 79.9	#14 80 - 84.9	#15 85 - 89.9	#16 Other	Total
05/06/13	00:00	0	0	0	0	2	13	20	13	0	2	0	0	0	0	0	0	50
Mon	01:00	0	0	0	0	3	6	23	12	3	0	0	0	0	0	0	0	47
	02:00	0	0	0	0	2	3	8	5	1	0	0	0	0	0	0	0	19
	03:00	0	0	0	0	1	2	3	2	2	1	0	0	0	0	0	0	11
	04:00	0	0	0	0	1	5	8	4	0	1	0	0	0	0	0	0	19
	05:00	0	0	0	0	0	4	25	19	7	1	0	0	0	0	0	0	56
	06:00	0	1	0	0	4	16	93	60	10	1	0	0	0	0	0	0	185
	07:00	2	1	0	2	19	88	240	96	2	0	0	0	0	0	0	0	450
	08:00	0	0	0	0	8	93	212	87	3	0	0	0	0	0	0	0	403
	09:00	0	1	2	0	10	93	195	74	13	0	0	0	0	0	0	0	388
	10:00	0	0	0	0	8	70	195	67	7	0	0	0	0	0	0	0	347
	11:00	0	2	2	5	26	130	203	68	3	0	0	0	0	0	0	0	439
	12:00	2	0	1	3	31	113	233	73	6	0	0	0	0	0	0	0	462
	13:00	1	0	0	0	21	146	244	51	6	1	0	0	0	0	0	0	470
	14:00	1	1	0	0	11	126	291	111	6	0	0	0	0	0	0	0	547
	15:00	1	0	0	1	3	121	433	168	11	0	0	0	0	0	0	0	738
	16:00	1	1	1	0	23	135	448	171	14	0	0	0	0	0	0	0	794
	17:00	2	1	2	1	6	114	439	229	14	0	0	0	0	0	0	0	808
	18:00	0	0	2	4	16	147	257	135	11	0	0	0	0	0	0	0	572
	19:00	1	0	0	0	15	85	212	110	13	1	0	0	0	0	0	0	437
	20:00	0	0	0	0	14	53	169	73	8	1	0	0	0	0	0	0	318
	21:00	0	0	0	0	5	73	161	67	6	0	0	0	0	0	0	0	312
	22:00	0	0	0	0	0	20	63	44	5	0	0	0	0	0	0	0	132
	23:00	0	0	0	0	3	13	35	22	8	0	0	0	0	0	0	0	81
Daily Total :		11	8	10	16	232	1669	4210	1761	159	9	0	0	0	0	0	0	8085
Percent :		0%	0%	0%	0%	3%	21%	52%	22%	2%	0%	0%	0%	0%	0%	0%	0%	
Cum. Percent :		0%	0%	0%	1%	3%	24%	76%	98%	100%	100%	100%	100%	100%	100%	100%	100%	
Average :		0	0	0	1	10	70	175	73	7	0	0	0	0	0	0	0	336

Average Speed : 47.3 mph 50% Speed : 47.5 mph 85% Speed : 52.1 mph
10mph Pace: 45.0 - 54.9 (73.9%)

Date	Time	#1 0 - 19.9	#2 20 - 24.9	#3 25 - 29.9	#4 30 - 34.9	#5 35 - 39.9	#6 40 - 44.9	#7 45 - 49.9	#8 50 - 54.9	#9 55 - 59.9	#10 60 - 64.9	#11 65 - 69.9	#12 70 - 74.9	#13 75 - 79.9	#14 80 - 84.9	#15 85 - 89.9	#16 Other	Total
05/07/13	00:00	1	0	0	0	2	14	34	20	6	0	0	0	0	0	0	0	77
Tue	01:00	0	0	0	0	2	7	18	14	6	0	0	0	0	0	0	0	47
	02:00	0	0	0	3	0	7	3	4	2	0	0	0	0	0	0	0	19
	03:00	0	0	0	0	1	3	5	3	2	0	0	0	0	0	0	0	14
	04:00	0	0	0	0	0	3	9	6	0	0	0	0	0	0	0	0	18
	05:00	0	0	0	0	2	6	26	28	5	1	0	0	0	0	0	0	68
	06:00	0	0	0	0	7	37	79	46	8	1	0	0	0	0	0	0	178
	07:00	2	0	0	1	9	85	197	99	8	0	0	0	0	0	0	0	401
Daily Total :		3	0	0	4	23	162	371	220	37	2	0	0	0	0	0	0	822
Percent :		0%	0%	0%	0%	3%	20%	45%	27%	5%	0%	0%	0%	0%	0%	0%	0%	
Cum. Percent :		0%	0%	0%	1%	4%	23%	68%	95%	100%	100%	100%	100%	100%	100%	100%	100%	
Average :		0	0	0	1	3	20	46	28	5	0	0	0	0	0	0	0	103

Average Speed : 47.8 mph 50% Speed : 48.0 mph 85% Speed : 53.0 mph
10mph Pace: 45.0 - 54.9 (71.9%)

Date	Time	#1 0 - 19.9	#2 20 - 24.9	#3 25 - 29.9	#4 30 - 34.9	#5 35 - 39.9	#6 40 - 44.9	#7 45 - 49.9	#8 50 - 54.9	#9 55 - 59.9	#10 60 - 64.9	#11 65 - 69.9	#12 70 - 74.9	#13 75 - 79.9	#14 80 - 84.9	#15 85 - 89.9	#16 Other	Total

Special Speed Study Summary: 16236WB

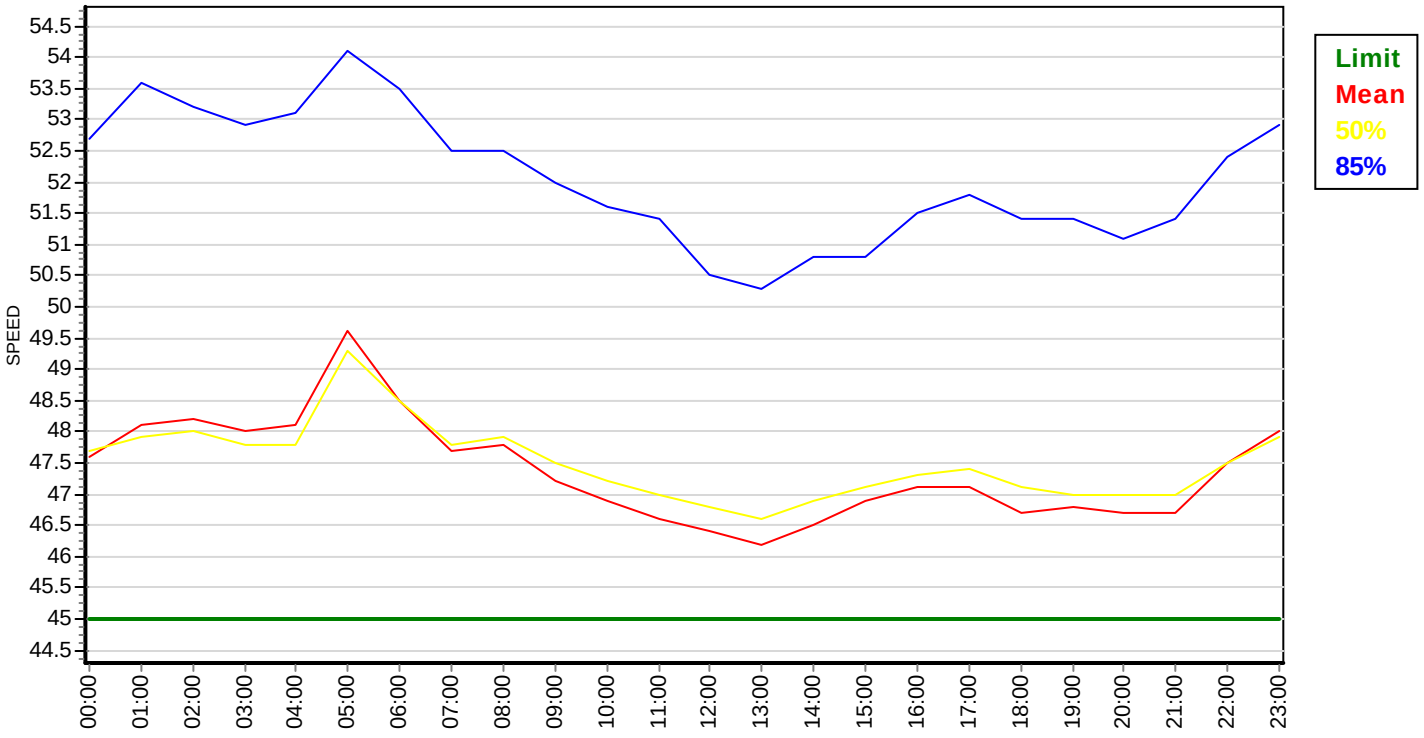
Description	#1 0 - 19.9	#2 20 - 24.9	#3 25 - 29.9	#4 30 - 34.9	#5 35 - 39.9	#6 40 - 44.9	#7 45 - 49.9	#8 50 - 54.9	#9 55 - 59.9	#10 60 - 64.9	#11 65 - 69.9	#12 70 - 74.9	#13 75 - 79.9	#14 80 - 84.9	#15 85 - 89.9	#16 Other	Total
Grand Total :	67	69	79	197	1647	13800	29128	10927	1006	54	10	3	0	0	0	0	56987
Percent :	0%	0%	0%	0%	3%	24%	51%	19%	2%	0%	0%	0%	0%	0%	0%	0%	
Cum. Percent :	0%	0%	0%	1%	4%	28%	79%	98%	100%	100%	100%	100%	100%	100%	100%	100%	
Average :	0	0	0	1	10	83	175	66	6	0	0	0	0	0	0	0	341

ADT = 8239

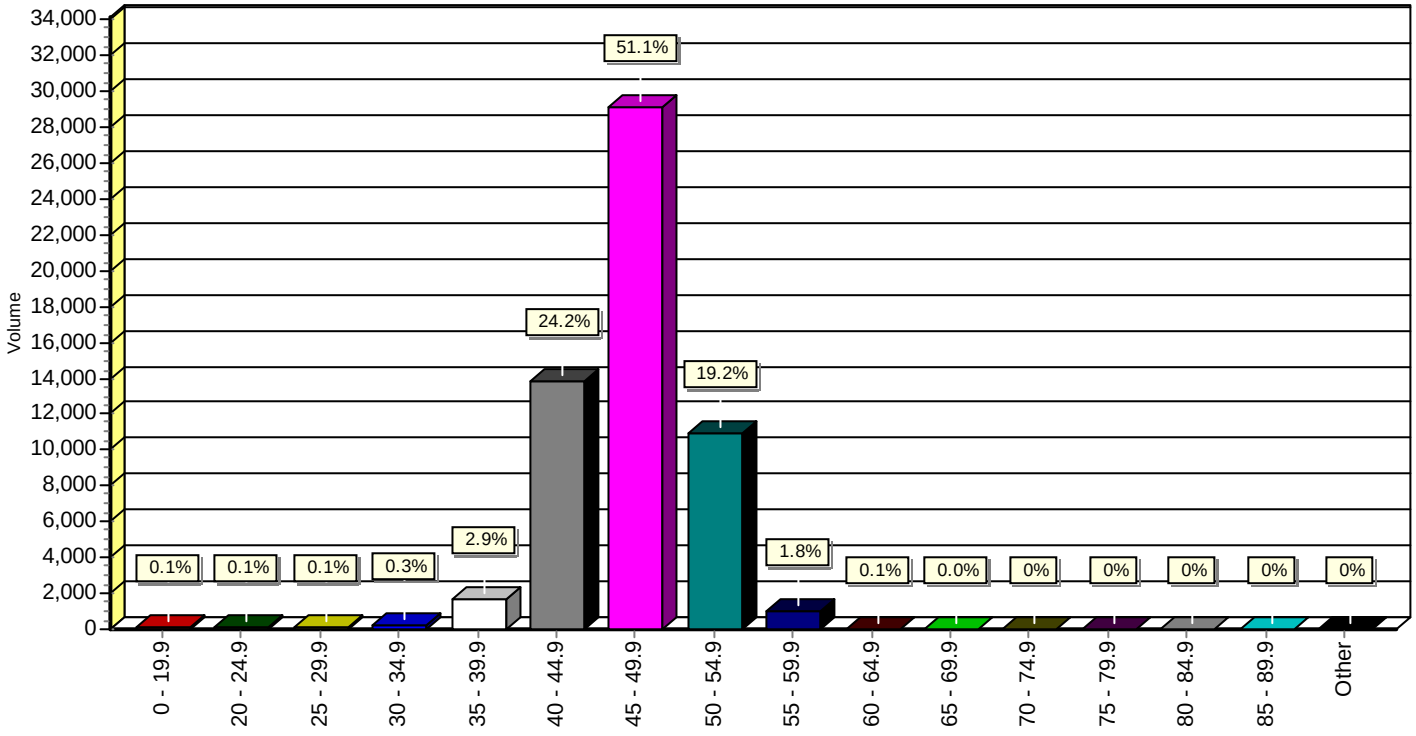
Average Speed : 46.9 mph 50% Speed : 47.2 mph 85% Speed : 51.6 mph
10mph Pace: 40.0 - 49.9 (75.3%)

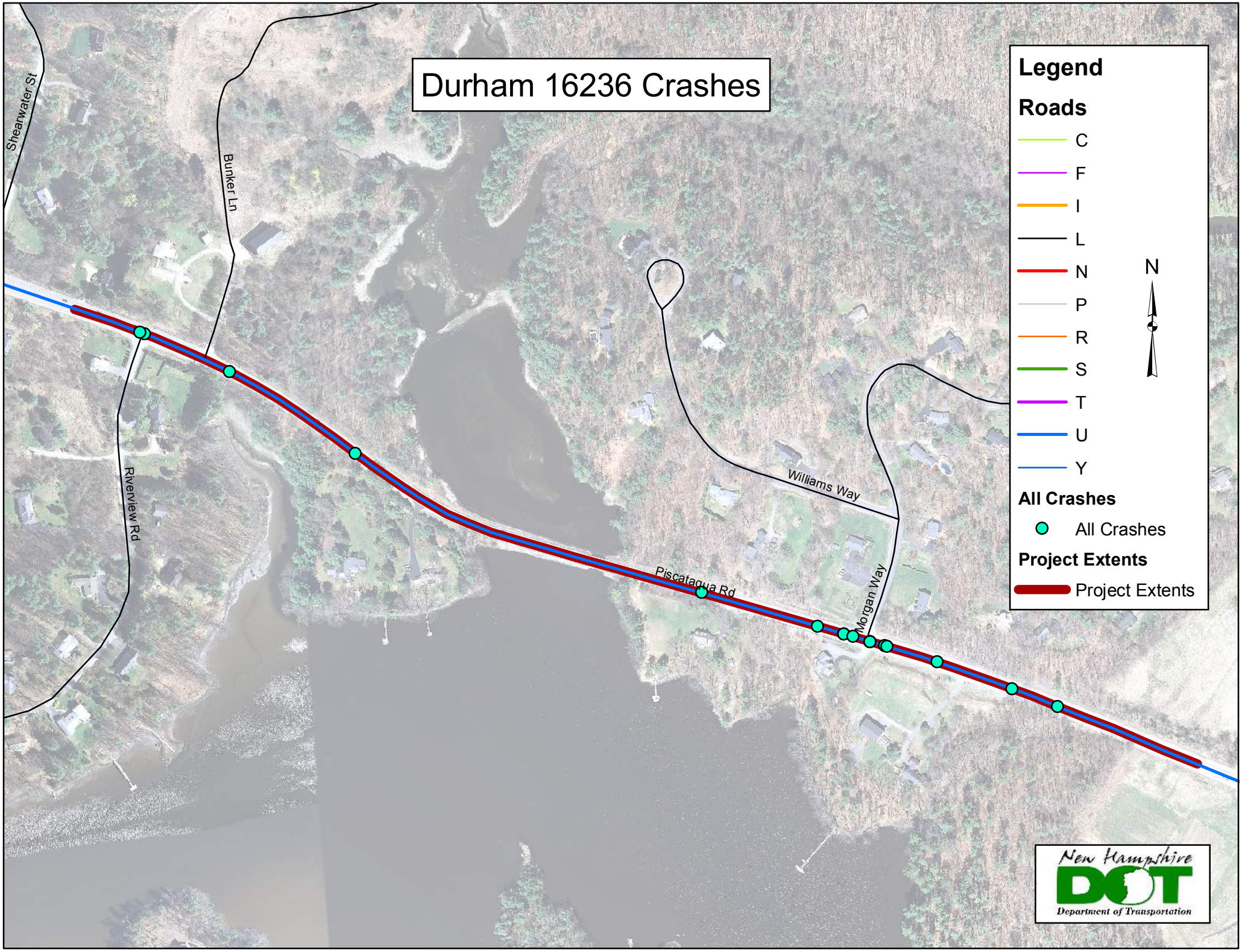
16236WB Charts For Data From: 10:00 - 04/30/2013 To: 08:59 - 05/07/2013

Speed Percent vs. Time (all lanes)



Speed Bin Chart (all lanes combined)




Durham 16236 Crashes
Legend
Roads
C
F
I
L
N
P
R
S
T
U
Y
All Crashes
All Crashes
Project Extents
Project Extents
N
Shearwater St
Bunker Ln
Riverview Rd
Williams Way
Piscataqua Rd
Morgan Way
New Hampshire
DOT
Department of Transportation

Count of SEVERITY	ACDYEAR					
SEVERITY	2007	2008	2009	2010	2011	Grand Total
No Apparent Injury	2	2	1		4	9
Non-Incapacitating		4	1	1	1	7
Possible		1				1
Grand Total	**2**	**7**	**2**	**1**	**5**	**17**

Count of NUM	ACDYEAR					
NUMVEHICLE	2007	2008	2009	2010	2011	Grand Total
1	2	3	1		1	7
2		3	1	1	4	9
3		1				1
Grand Total	**2**	**7**	**2**	**1**	**5**	**17**

Count of ACDTYPE	ACDYEAR					
ACDTYPE	2007	2008	2009	2010	2011	Grand Total
Animal	1	1				2
Fixed Object	1	2	1		1	5
Other Motor Vehicle		4	1		4	9
Thown or Fallen Object				1		1
Grand Total	**2**	**7**	**2**	**1**	**5**	**17**

ACDTIME	Count of ACDTIME
12 AM	1
7 AM	2
12 PM	1
1 PM	2
2 PM	1
3 PM	3
5 PM	2
6 PM	2
7 PM	1
8 PM	2
Grand Total	**17**

Count of OBJECTSTR	ACDYEAR					
OBJECTSTRUCK	2007	2008	2009	2010	2011	Grand Total
Embankment/Ditch/Curb					1	1
Guard Rail		1	1			2
Tree	1	1				2
Grand Total	**1**	**2**	**1**		**1**	**5**

Count of ACDDAY	ACDYEAR					
ACDDAY	2007	2008	2009	2010	2011	Grand Total
Sunday		1			1	2
Monday	1		1		1	3
Tuesday			1		1	2
Wednesday	1					1
Thursday		1			2	3
Friday		4		1		5
Saturday		1				1
Grand Total	**2**	**7**	**2**	**1**	**5**	**17**

Contributing Factor	Count of Apparent Contributing Factor
Driver Inattention/Distraction	8
Following Too Close	1
Illegal/Unsafe Speed	1
Improper Passing/Overtaking	1
No Improper Driving	14
Other	1
Skidding	1
Unknown	1
Grand Total	**28**

Driver Condition	Count of Condition of Driver
Apparently Normal	24
Asleep	1
Fatigue	1
Not Reported	2
Grand Total	**28**

Vehicle Action	Count of Apparent Pre-Accident Vehicle Action
Following Roadway	20
Making Left Turn	2
MakingRight Turn	1
Other Vehicle Action	1
Passing on Right	1
Slowing or Stopping	1
Stopped in Traffic	2
Grand Total	**28**

Vehicle Type	Count of Vehicle Type
Automobile	21
Motorcycle	1
Other	2
Pick Up/Light truck	1
Utility Vehicle (4X4)	3
Grand Total	**28**

Vision Obscurement	Count of Vision Obscurement
No Apparent Obscurement	26
Not Reported	2
Grand Total	**28**

Occupant Age	Count of Age
10-14	2
15-19	8
20-24	14
25-29	4
30-34	1
35-39	1
40-44	1
45-49	1
50-54	1
55-59	3
60-64	1
85-90	2
Grand Total	**39**

Occupant Age	Count of Safety Equipment Usage
Air-Bag and Seat Restraint Used	1
Air-Bag Deployed	5
Helmet Used	1
Restraint Installed-Used	32
Grand Total	**39**

Injury Type	Count of Type of Injury
No Apparent Injury	30
Non-Incapacitating	8
Possible	1
Grand Total	**39**

Injury Location	Count of Location of Most Severe Physical Complaint
Arm(s)	2
Chest	1
Neck	2
None	32
Trunk/Torso	2
Grand Total	**39**