

JUNE 2019



**WIM #30
MN 61, MP 16.3
TWO HARBORS,
MN**

**MONTHLY
REPORT**



Your Destination...Our Priority



WIM Site Location

WIM #30 is located on MN 61 near Two Harbors in Lake county.

System Operation

WIM #30 was operational for the entire month of June 2019. Volume was computed using all monthly data.

System Calibration

WIM #30 was most recently calibrated on 2017-01-20. Table 1 summarizes the front axle weights of class 9s by lane ¹. Figure 1 shows the distribution of gross vehicle weights (GVW) in Class 9 vehicles at this site for the last 12 months of operation ². Figure 2 depicts the average front axle weight as a percent difference from the first full month following calibration.

Summary of Volume Statistics

Total Monthly Volume: 311618 | Passenger Vehicles: 294255 | Heavy Commercial Vehicles: 17363

Monthly Average Daily Traffic (MADT): 10387 | Monthly Heavy Commercial Average Daily Traffic (MHCADT): 579

See Table 2 for vehicle class breakdown

Passenger Vehicles (PVs) and Heavy Commercial Vehicles (HCVs)

Volume trends. NB vehicles typically reached highest volume levels on Fridays, with lowest volumes reported on Sundays. SB vehicles typically reached highest volume levels on Sundays, with lowest volumes reported on Tuesdays (see Figure 3 and 4).

Passenger Vehicles (PVs)

Volume trends. On an average 24-hour day (see Figure 5), NB PVs generally reached peak volume levels between 02 PM and 04 PM. Similarly, SB PVs peaked in volume between 12 PM and 04 PM

Heavy Commercial Vehicles (HCVs)

Volume trends. On an average 24-hour day, HCVs traveling NB typically reached peak volume levels between 02 PM and 04 PM, while volume going SB peaked between 12 PM and 04 PM. See Figure 6. Out of all HCVs, the two highest traffic volumes were generated by Class 5's and Class 9's.

Overweight HCVs

Volume trends. Of a total of 17363 HCVs, 2550 of them were overweight ³. These overweight HCVs contributed to 0.8% of total monthly volume, and 14.9% of total monthly

HCV volume. NB overweight vehicles typically reached highest numbers on Thursdays, with lowest volumes reported on Sundays. SB overweight vehicles tended to reach highest volumes on Tuesdays, with lowest volumes reported on Saturdays. See Figure 3 .

The top two overweight violators by class were the class 9 and class 10 vehicles . Overall, overweight vehicles tended to reach peak volume concentrations during typical business hours, with 63.8% of all overweight vehicles traveling NB this month (see Figure 7 & 8). Figure 9 shows the number of vehicles exceeding 88,000 pounds that crossed the WIM over the last 12 months. The highest number of 88,000+ vehicles within the last 12 months occurred in March.

WIMs are currently used as a screening tool for weight enforcement, and it is estimated that the WIM scales can measure gross vehicle weights (GVW) within 90-95% of static weight scale measurements. Due to the possibility of measurement error, vehicles exceeding 10% of their legal weight limits (or 1.1 times their legal weight limits) are considered overweight in this report ⁴.

Using normal load limits ,463 NB vehicles exceeded 88,000 pounds (319 vehicles were Class 9's; 101 vehicles were Class 10's). Of vehicles traveling SB,

244 NB vehicles exceeded 88,000 pounds (202 vehicles were Class 10's; 25 vehicles were Class 13's). Refer to Table 3 for the Top 10 highest recorded GVWs from Classes 9 and 10 from June 2019.

Loaded vs. Unloaded HCVs. Figure 10 shows the GVW distributions of Class 9s and 10s in June 2019. Data suggests that there were greater numbers of fully_loaded Class 9's than empty Class 9's traveling NB, while there were more fully_loaded Class 9's than empty traveling SB. Data also suggests that there were more fully_loaded Class 10's than empty traveling in the NB direction. In the SB direction, there were more fully_loaded class 10 vehicles.

Freight Totals. A total of 127784 tons of freight was recorded to have crossed the WIM. More freight was shipped NB (58.1%) than SB (41.9%). See Table 4 and Figure 11 for more freight information.

Infrastructure Considerations

Bridge. Bridges No. 9341 and No. 9339, which are respectively on the NB and SB side of MN 61, are approximately 1.5 miles north of WIM #30. Bridge No. 9333 (a box culvert) is approximately 1.8 miles south of WIM #30. WIM #30 recorded a total of 311618 vehicles with a combined GVW of 2132876 kips (1 kip = 1,000 pounds = 0.5 tons) in June 2019. See Table 5 and Figures 12-13 for GVW information by vehicle class and lane.

Pavement Design. A total of 13796 equivalent single axle loads (ESALs) passed over the pavement at this site. Approximately 60.9% of all ESALs were recorded NB while 39.1% was observed SB. In particular, 50% of all ESALs were generated by the Class 9's (Class 9's were also responsible for generating 13% of total GVW observed this month). See Table 6 and Figures 14-15 for more information on ESALs (Table 6 also provides flexible ESAL factors for each vehicle class using a terminal serviceability of 2.5 and a structural number of 5).

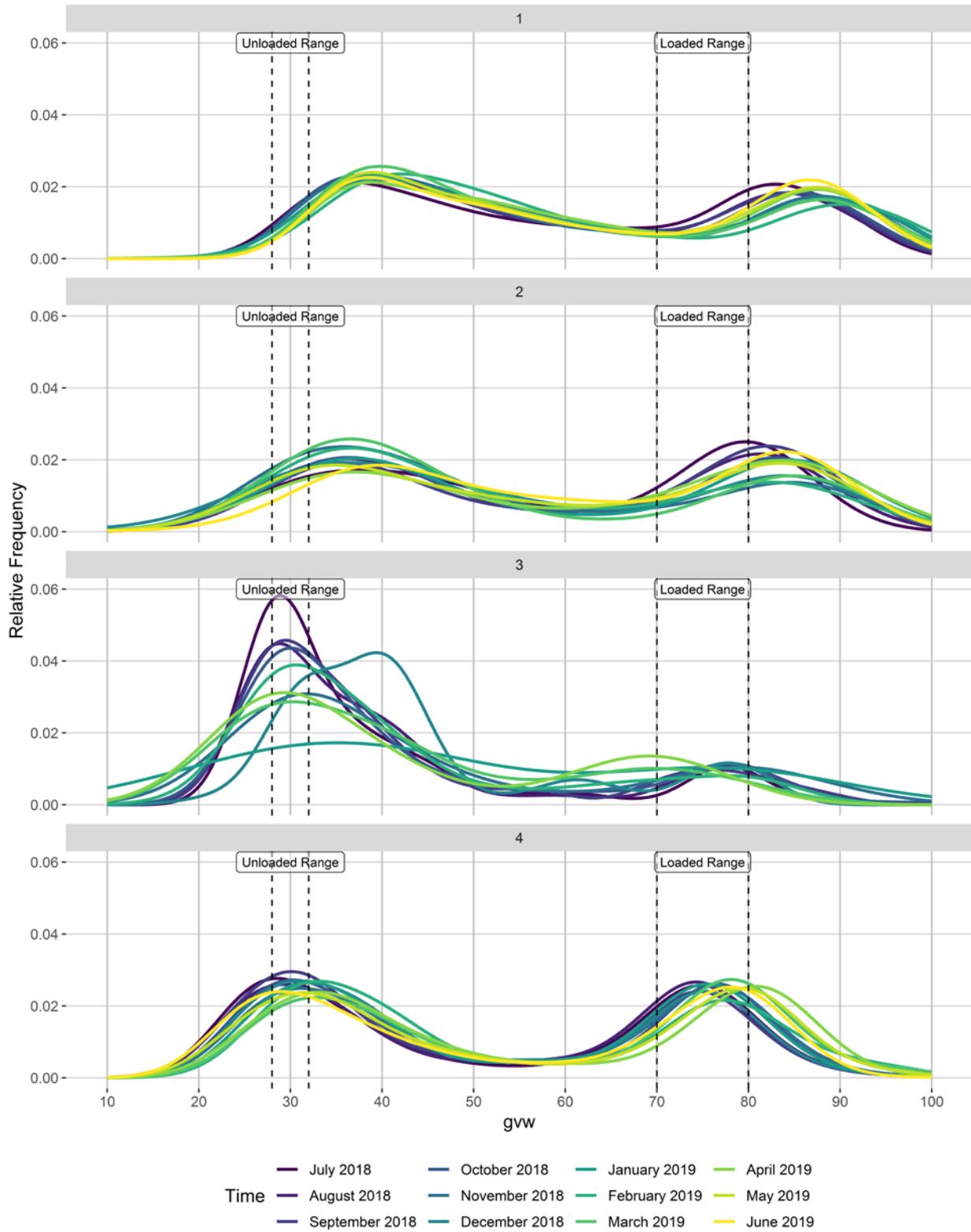
WIM monthly reports can be found at: <http://www.dot.state.mn.us/traffic/data/reports-monthly-wim.html>

MnDOT's vehicle classification scheme and vehicle class groupings for traffic forecasting can be found at: <http://www.dot.state.mn.us/traffic/data/data-products.html#weight>

- ¹ Front axle weights of Class 9s are monitored on a monthly basis to assure performance between calibrations. The current goal of the WIM scale calibration is to have each individual axle weight stay within a range of ±9% of baseline calibration values
- ² Previous WIM research indicates that unloaded Class 9s typically weigh 28-32 kips, while loaded Class 9s generally fall in the 70-80 kip range. More recent data from several WIM sites suggests that the unloaded Class 9 range may have moved a little higher over time (due to increased presence of sleeper cabs, etc.), although these ranges are also thought to be site-specific.
- ³ An HCV is considered overweight during normal load limits in this report if they satisfy any of the following 1) exceed a gross vehicle weight (GVW) of 80,000 pounds, 2) exceed any of the legal weight maximums on any axle configurations (legal maximums are: single axle = 20,000 pounds; tandem axles spaced 8' or less = 34,000 pounds; tridem axles spaced 9' or less = 43,000 pounds; quad axles spaced 13' or less = 51,000 pounds). Monthly reports use this standard regardless of the time of year however, the Winter Load Increase (WLI) allows a 10% across the board increase in axle and gross vehicle weights without a permit on US, state routes, and county roads. An HCV is considered overweight during Winter Load Increase(WLI) if they satisfy any of the following 1) exceed a gross vehicle weight (GVW) of 88,000 pounds, 2) exceed any of the legal weight maximums on any axle configurations (legal maximums are: single axle = 22,000 pounds; tandem axles spaced 8' or less = 37,400 pounds; tridem axles spaced 9' or less = 47,300 pounds; quad axles spaced 13' or less = 56,100 pounds). An overweight HCV is only included once in the overweight volume calculations regardless of how many of the aforementioned conditions are violated. For information on MN weight limit dates and statutes: http://www.mrr.dot.state.mn.us/research/seasonal_load_limits/sllindex.asp
- ⁴ For example, Class 9s and 10s can legally have gross vehicle weights up to 80,000 lbs (with the exception of permitted loads) during normal load limits. To account for measurement error on the WIM scales, those exceeding 10% of the legal GVW maximum (or 1.1 times the legal GVW) should be screened (e.g., 80,000 lbs + 8,000 lbs = 88,000 lbs). Similarly during WLI vehicles weighing 96,800 lbs should be screened.

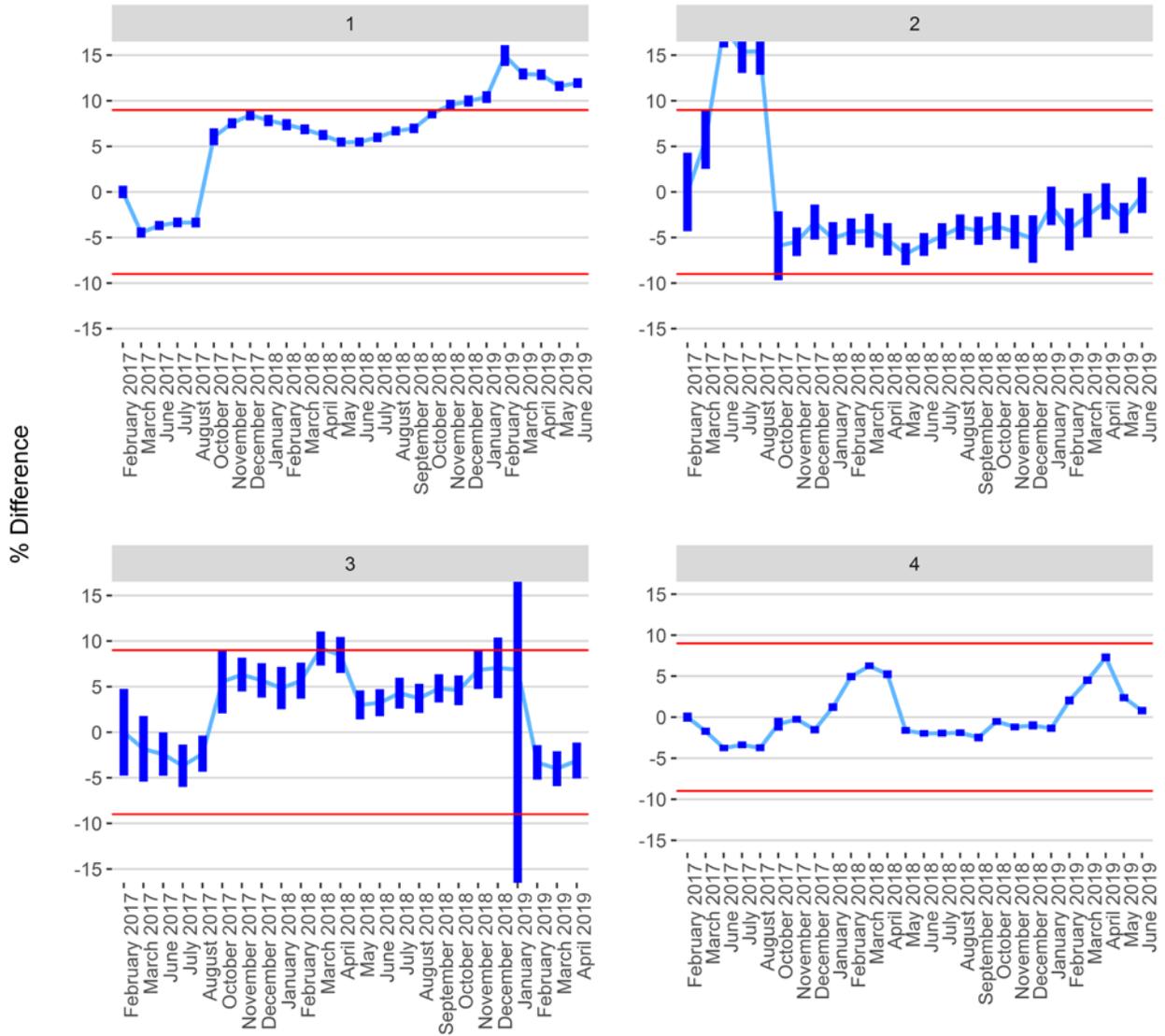
To request this document in an alternative format, please call 651-366-4718 or 1-800-657-3774, or email your request to ADArequest.dot@state.mn.us. Please request at least one week in advance.

Figure 1 - Monthly Class 9 GVW Histogram



Months that have not passed QC parameters are not displayed

Figure 2 - Percent Difference of Front Axle Weight from Last Calibration (+/- 95% CI)



Months that have not passed QC parameters are not displayed

Figure 2 - Average Vehicle Volume vs. Day of the Week

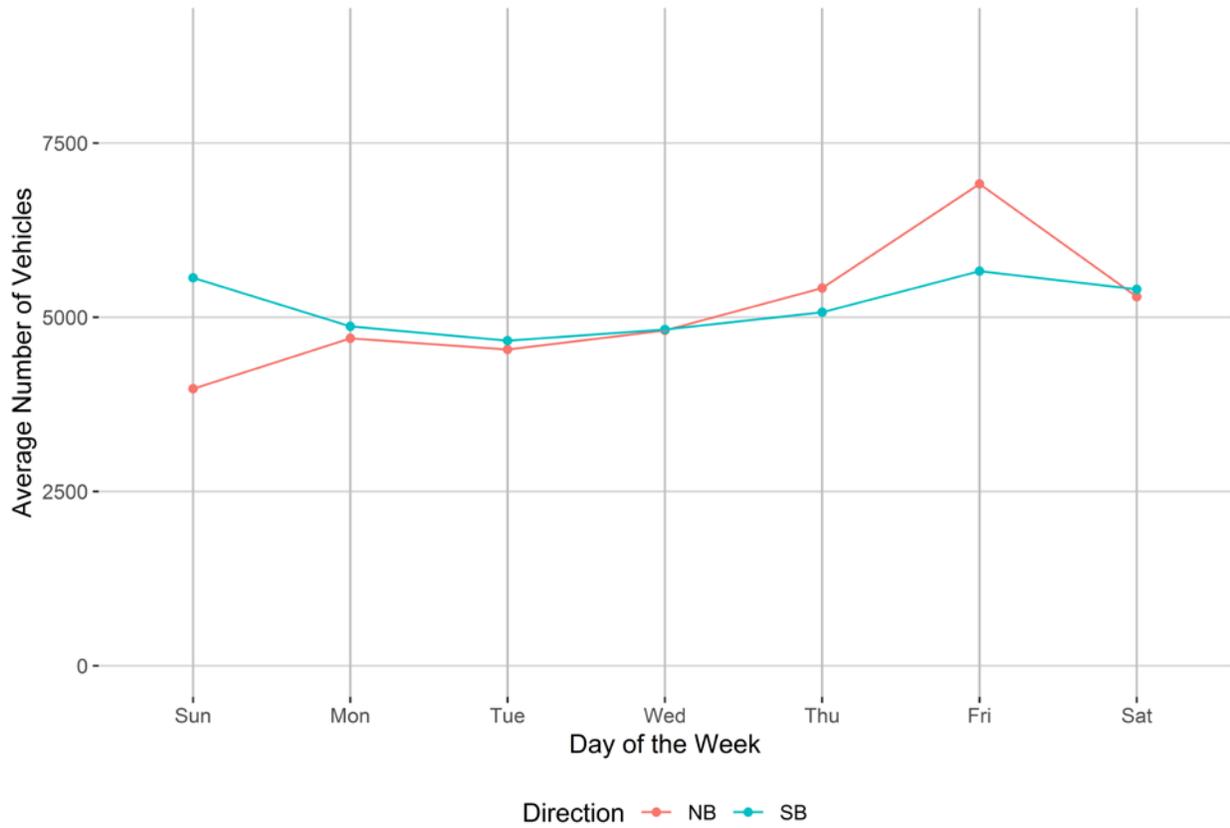


Figure 3 - Average Overweight Vehicle Volume vs. Day of the Week

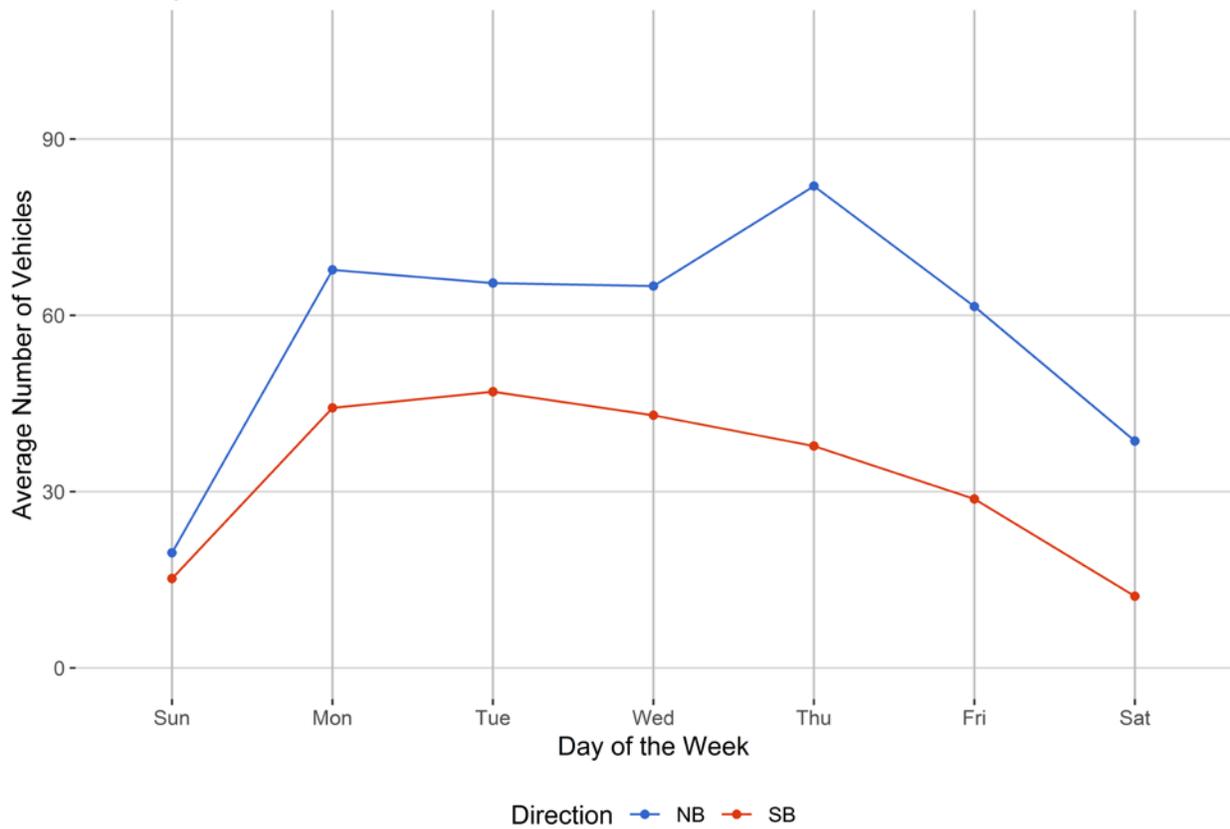


Figure 4 - Passenger Vehicles vs. Hour of the Day

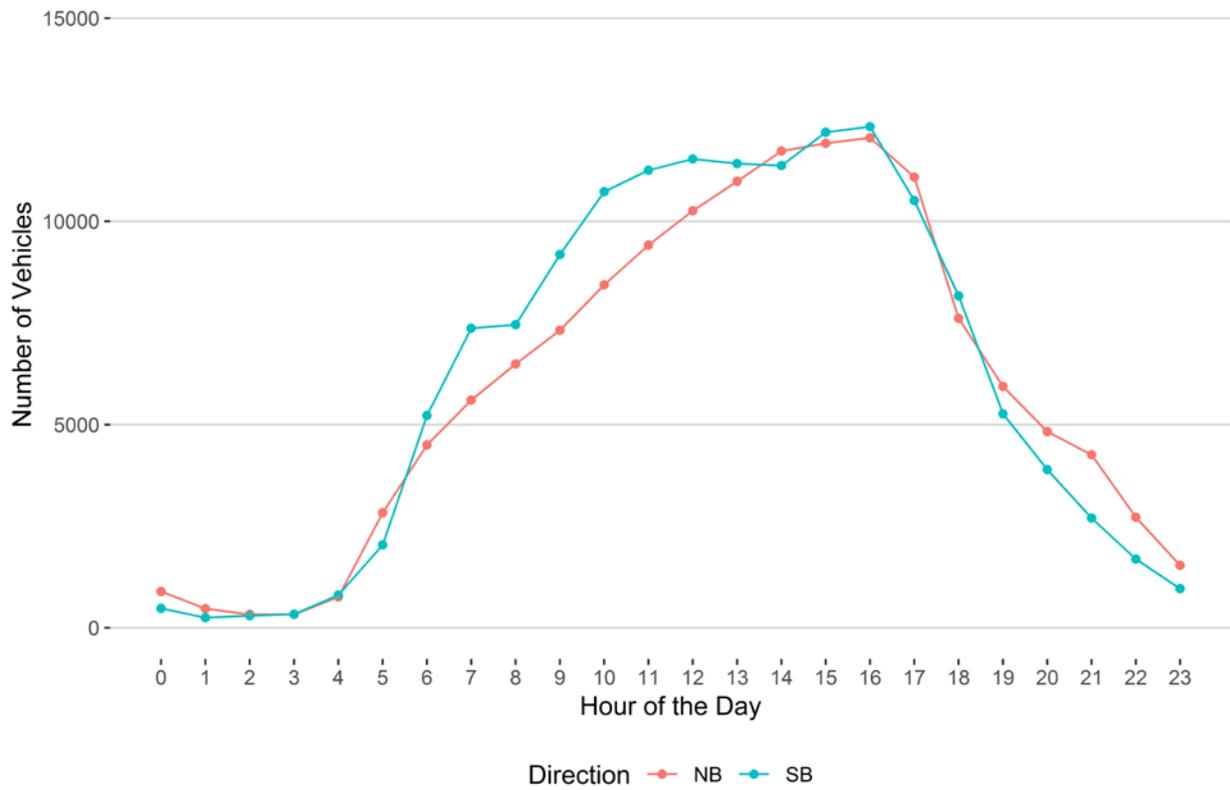


Figure 5 - Heavy Commercial Vehicles vs. Hour of the Day

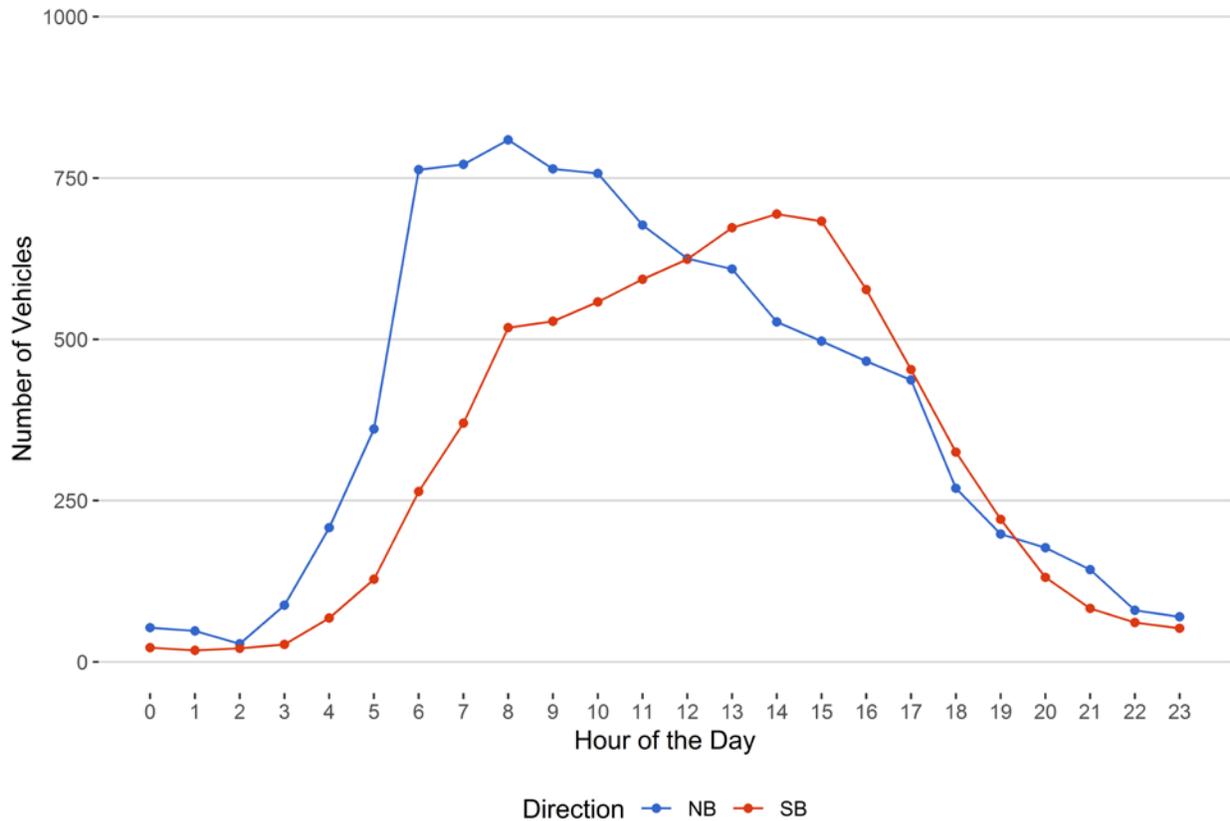


Figure 6 - Overweight Vehicles by Class vs. Hour of the Day

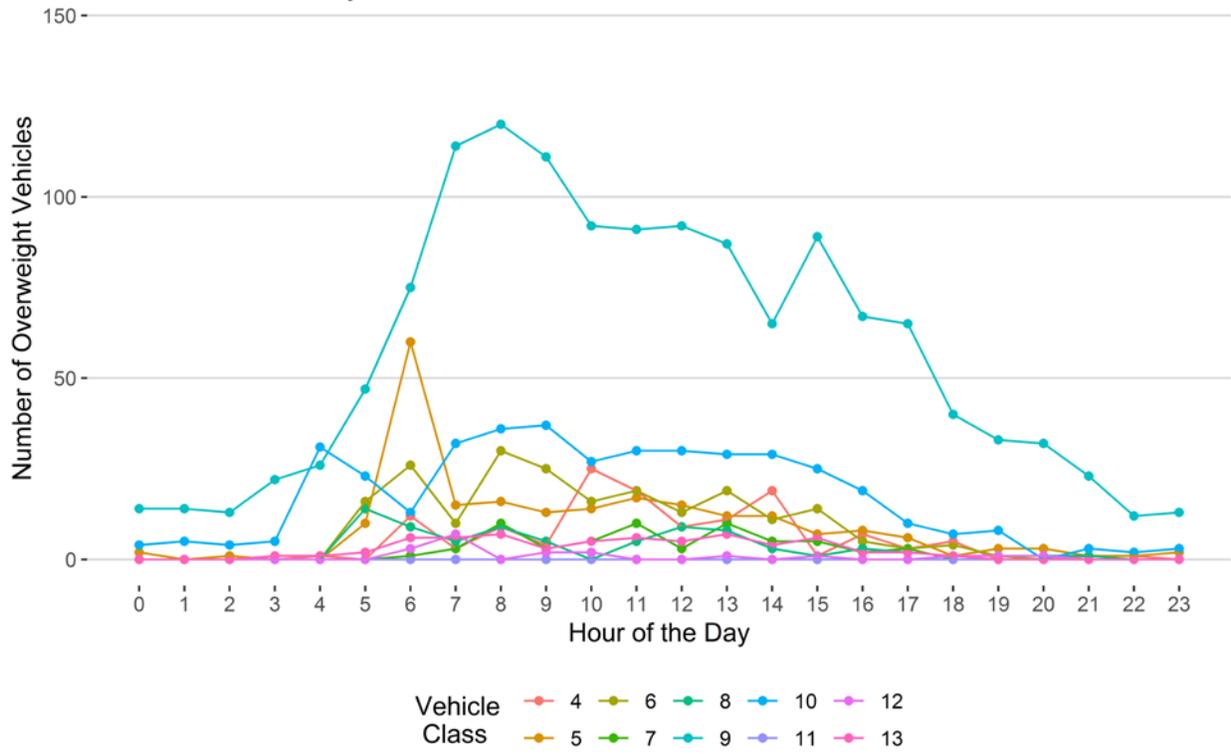


Figure 7 - Overweight Vehicles by Direction
Hour of the Day

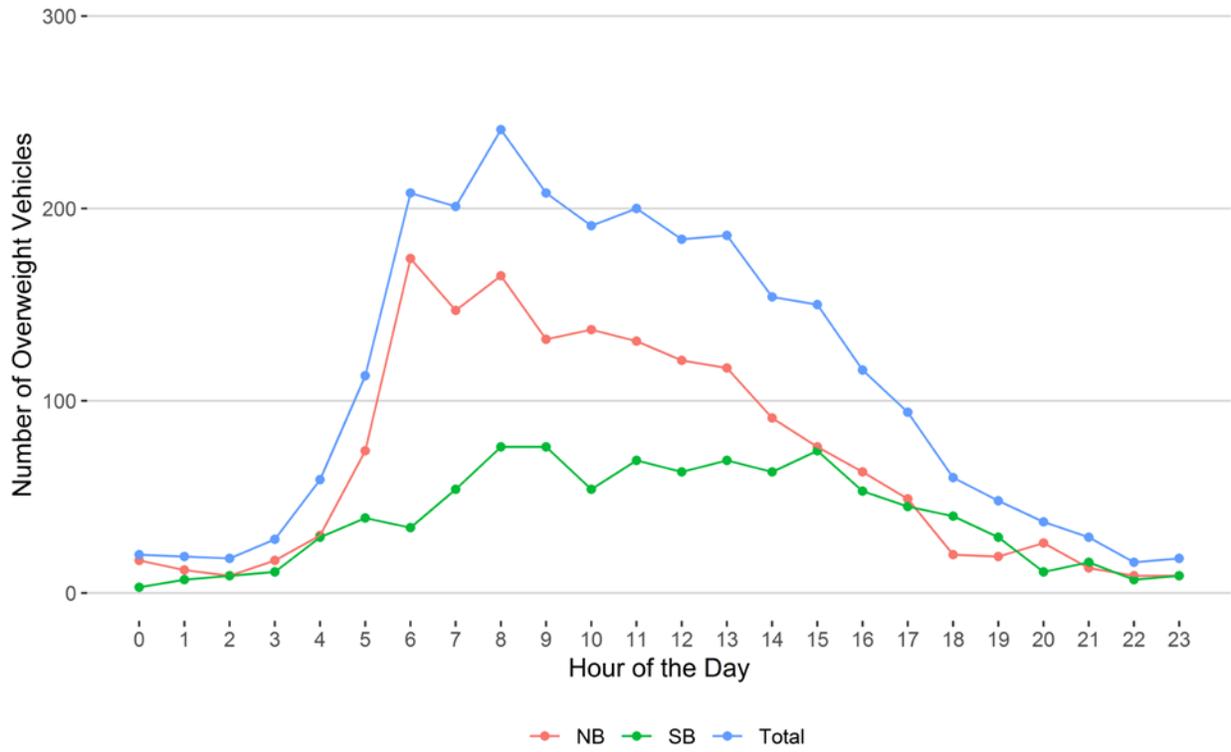
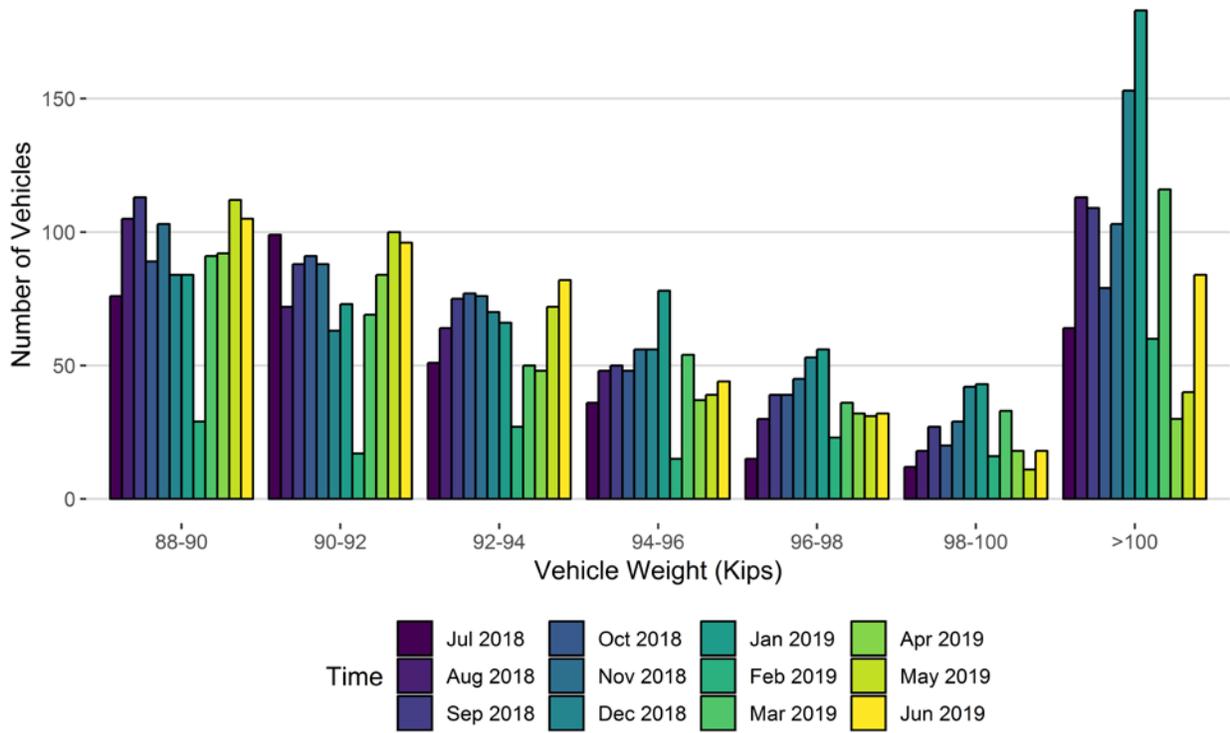
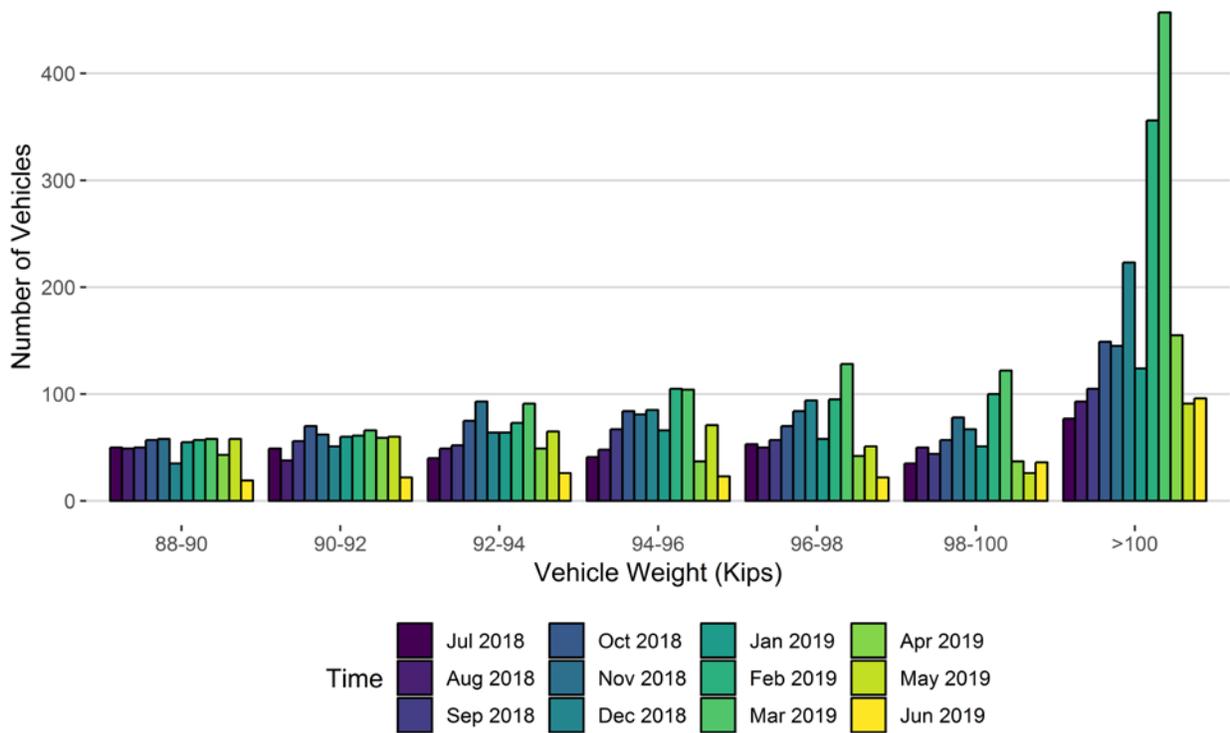


Figure 8 - Histogram of NB Vehicles Over 88,000 Pounds for Current Month



Vehicle Weights (Kips)	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019
88-90	76	105	113	89	103	84	84	29	91	92	112	105
90-92	99	72	88	91	88	63	73	17	69	84	100	96
92-94	51	64	75	77	76	70	66	27	50	48	72	82
94-96	36	48	50	48	56	56	78	15	54	37	39	44
96-98	15	30	39	39	45	53	56	23	36	32	31	32
98-100	12	18	27	20	29	42	43	16	33	18	11	18
>100	64	113	109	79	103	153	183	60	116	30	40	84
Total	353	450	501	443	500	521	583	187	449	341	405	461

Figure 8 - Histogram of SB Vehicles Over 88,000 Pounds for Current Month



Vehicle Weights (Kips)	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019
88-90	50	49	50	57	58	35	55	57	58	43	58	19
90-92	49	38	56	70	62	51	60	61	66	59	60	22
92-94	40	49	52	75	93	64	64	73	91	49	65	26
94-96	41	48	67	84	81	85	66	105	104	37	71	23
96-98	53	50	57	70	84	94	58	95	128	42	51	22
98-100	35	50	44	57	78	67	51	100	122	37	26	36
>100	77	93	105	149	145	223	124	356	457	155	91	96
Total	345	377	431	562	601	619	478	847	1026	422	422	244

Figure 8 - Class 9's and 10's by Direction vs Gross Vehicle Weight

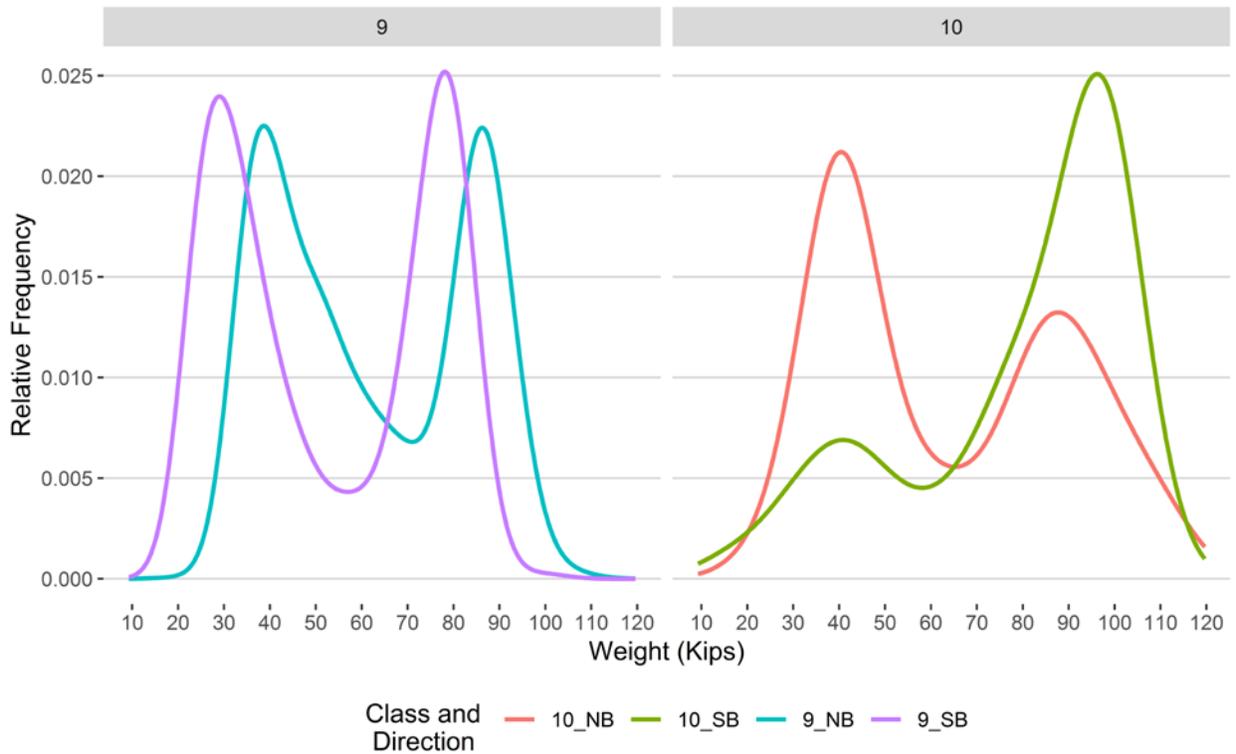


Figure 9 - Freight Percentage by Direction and Class

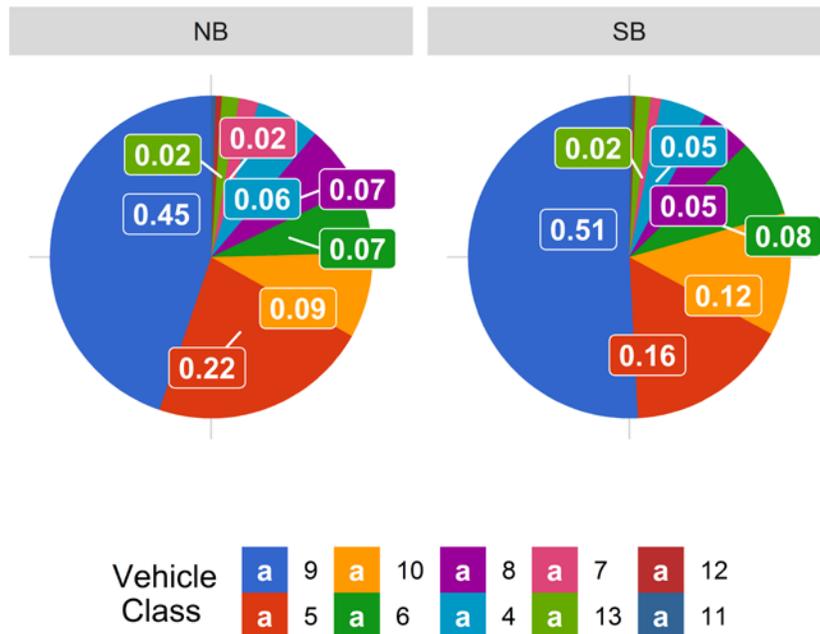


Figure 10 - Total Gross Vehicle Weight Percentage by Class and Lane

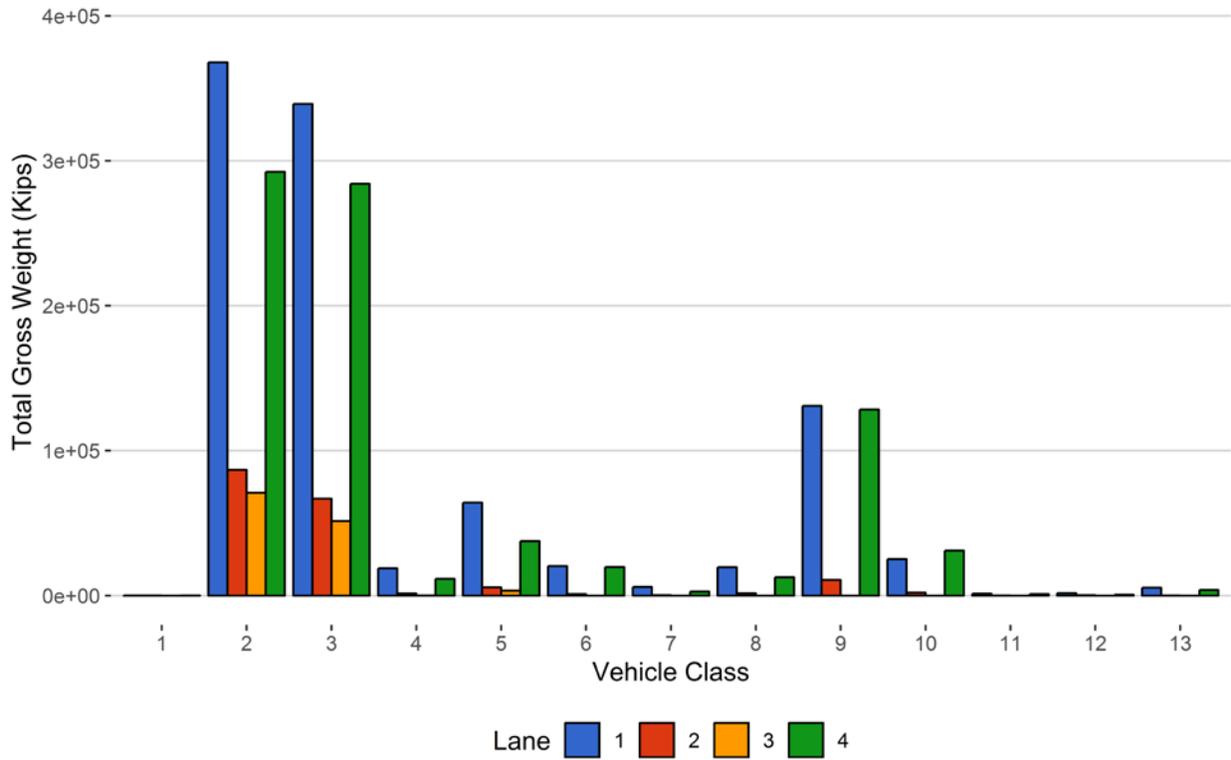


Figure 11 - Total Gross Vehicle Weight t

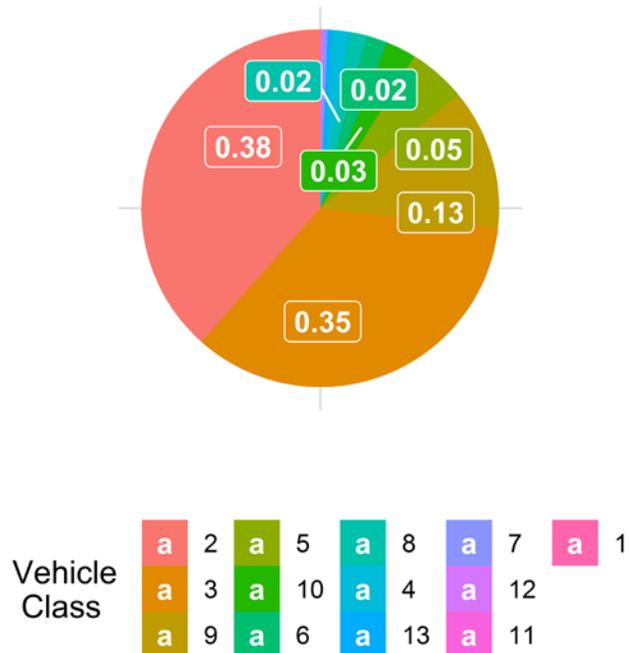


Figure 12 - Total ESALs by Class and Lane

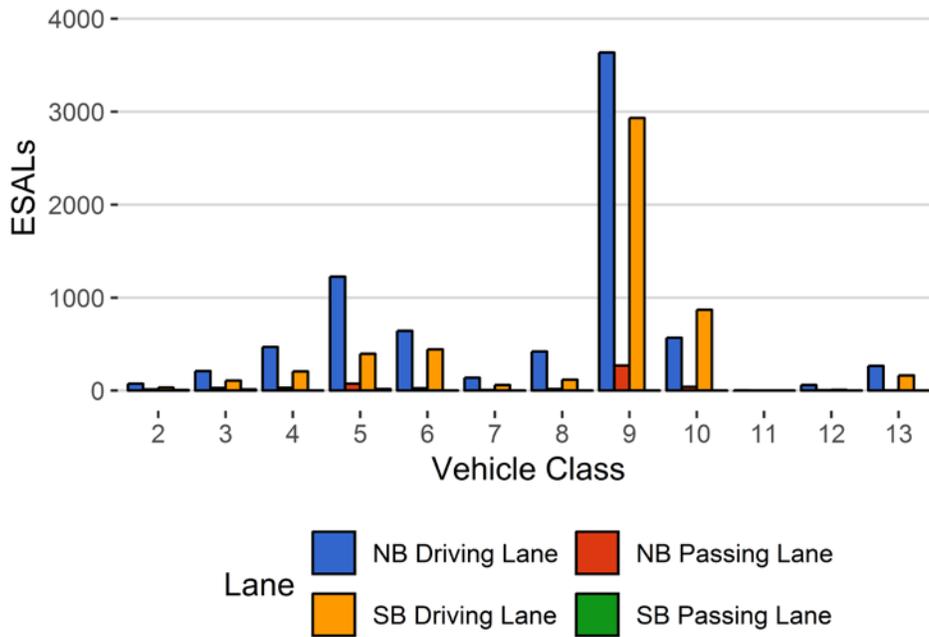


Figure 13 - ESALs by Class

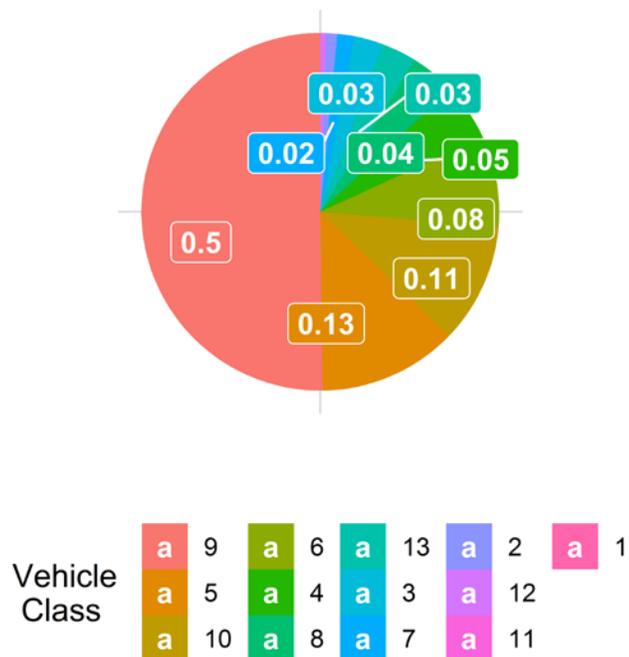


Table 1 Class 9 Front Axle Weight by Lane

<i>Month</i>	<i>Lane 1 (Kips)</i>	<i>Front Axle +/- 9%</i>	<i>Lane 2 (Kips)</i>	<i>Front Axle +/- 9%</i>	<i>Lane 3 (Kips)</i>	<i>Front Axle +/- 9%</i>	<i>Lane 4 (kips)</i>	<i>Front Axle +/- 9%</i>
February 2017	11.62	0.00	12.12	0.00	10.33	0.00	11.31	0.00
March 2017	11.10	-4.45	12.82	5.74	10.14	-1.83	11.11	-1.71
June 2017	11.19	-3.68	14.31	18.03	10.08	-2.40	10.88	-3.75
July 2017	11.23	-3.35	13.99	15.41	9.95	-3.68	10.93	-3.36
August 2017	11.23	-3.36	13.99	15.43	10.09	-2.35	10.89	-3.73
October 2017	12.32	6.06	11.40	-5.91	10.91	5.55	11.21	-0.85
November 2017	12.49	7.54	11.46	-5.46	10.99	6.32	11.28	-0.25
December 2017	12.60	8.45	11.72	-3.32	10.92	5.69	11.14	-1.52
January 2018	12.53	7.84	11.50	-5.10	10.83	4.84	11.45	1.24
February 2018	12.47	7.38	11.59	-4.37	10.92	5.64	11.87	4.95
March 2018	12.41	6.87	11.61	-4.25	11.28	9.19	12.01	6.26
April 2018	12.34	6.25	11.49	-5.19	11.21	8.47	11.90	5.24
May 2018	12.25	5.47	11.30	-6.81	10.64	3.00	11.12	-1.61
June 2018	12.25	5.47	11.42	-5.75	10.67	3.24	11.08	-1.97
July 2018	12.31	5.98	11.54	-4.83	10.78	4.29	11.09	-1.94
August 2018	12.39	6.70	11.65	-3.85	10.72	3.72	11.09	-1.88
September 2018	12.43	6.97	11.60	-4.27	10.83	4.82	11.03	-2.48
October 2018	12.61	8.58	11.67	-3.76	10.81	4.59	11.25	-0.51
November 2018	12.73	9.56	11.59	-4.38	11.04	6.84	11.17	-1.18
December 2018	12.77	9.97	11.49	-5.17	11.06	7.06	11.19	-1.00
January 2019	12.83	10.40	11.94	-1.52	11.04	6.85	11.16	-1.34
February 2019	13.35	14.96	11.62	-4.10	9.99	-3.32	11.54	2.04
March 2019	13.12	12.94	11.81	-2.59	9.92	-4.00	11.82	4.50
April 2019	13.11	12.87	11.99	-1.04	10.01	-3.11	12.13	7.29
May 2019	12.97	11.61	11.77	-2.87	NA	NA	11.58	2.38

June 2019	13.01	11.96	12.08	-0.36	NA	NA	11.40	0.80
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Table 2 Vehicle Classification Data

<i>Vehicle Class</i>	<i>Monthly Average Daily Volume</i>	<i>Monthly Total Volume</i>	<i>Monthly Total Volume Percentage</i>	<i>Monthly Total Overweight Vehicles</i>	<i>Monthly Total Overweight Percentage</i>
1	6	169	0.1	0	0
2	6286	188574	60.5	0	0
3	3517	105512	33.9	0	0
4	38	1152	0.4	130	5.1
5	257	7724	2.5	219	8.6
6	38	1147	0.4	212	8.3
7	5	163	0.1	60	2.4
8	46	1367	0.4	77	3
9	158	4746	1.5	1357	53.2
10	28	827	0.3	412	16.2
11	4	115	0	0	0
12	1	42	0	19	0.7
13	3	80	0	64	2.5
TOTAL	10387	311618	100	2550	100

Table 3 Top 10 Gross Vehicle Weight, Class 9 and 10

<i>Date</i>	<i>Day of Week</i>	<i>Time</i>	<i>Vehicle Class</i>	<i>Direction</i>	<i>Lane</i>	<i>GVW (lbs)</i>
2019-06-17	Monday	13:41:06	10	NB	2	119.64
2019-06-11	Tuesday	10:00:48	10	NB	1	118.07
2019-06-19	Wednesday	07:30:22	10	NB	1	115.28
2019-06-11	Tuesday	10:00:52	10	NB	1	114.74
2019-06-05	Wednesday	15:44:01	10	NB	1	112.87
2019-06-09	Sunday	12:31:54	10	SB	3	112.42
2019-06-06	Thursday	17:38:02	10	NB	2	111.85
2019-06-11	Tuesday	14:29:08	10	NB	1	111.58
2019-06-28	Friday	03:22:39	10	SB	4	111.5
2019-06-21	Friday	13:54:32	10	SB	4	111.31

Table 4 Freight Summary

<i>Vehicle Class</i>	<i>Direction</i>	<i>Weight of Empty Vehicle (Kips)</i>	<i>Total Number of Vehicles</i>	<i>Number of Empty Vehicles</i>	<i>Percentage of Empty Vehicles</i>	<i>Total Weight of Vehicles with Freight (Kips)</i>	<i>Total Weight of Empty Vehicles (Kips)</i>	<i>Total Weight of Freight (Tons)</i>
4	NB	15	680	40	5.9	19678	548	5039
5	NB	8	4495	55	1.2	69355	400	16918
6	NB	19	529	3	0.6	21322	51	5664
7	NB	11.5	104	0	0	6222	0	2513
8	NB	31	783	483	61.7	12959	8181	1829
9	NB	33	2275	76	3.3	139280	2364	33357
10	NB	33.5	423	24	5.7	26361	674	6497
11	NB	36.5	61	61	100	0	1390	0
12	NB	36.5	28	5	17.9	1792	123	476
13	NB	31.5	47	0	0	5499	0	2009
TOTAL	****	****	9425	747	****	302469	****	74303
<i>Vehicle Class</i>	<i>Direction</i>	<i>Weight of Empty Vehicle (Kips)</i>	<i>Total Number of Vehicles</i>	<i>Number of Empty Vehicles</i>	<i>Percentage of Empty Vehicles</i>	<i>Total Weight of Vehicles with Freight (Kips)</i>	<i>Total Weight of Empty Vehicles (Kips)</i>	<i>Total Weight of Freight (Tons)</i>
4	SB	15	456	109	23.9	10165	1415	2480
5	SB	8	3119	710	22.8	35965	5065	8347
6	SB	19	602	25	4.2	19246	435	4142
7	SB	11.5	57	0	0	2715	0	1030
8	SB	31	565	450	79.6	4235	8352	335
9	SB	33	2404	724	30.1	108623	19655	26591
10	SB	33.5	392	28	7.1	30296	716	9051
11	SB	36.5	52	52	100	0	986	0
12	SB	36.5	13	5	38.5	464	107	86
13	SB	31.5	32	0	0	3849	0	1420
TOTAL	****	****	7692	2103	****	215558	****	53482
GRAND TOTAL	****	****	17117	2850	502	518027	50461	127784

Table 5 Gross Vehicle Weight by Class and Lane

<i>Vehicle Class</i>	<i>NB Driving Lane</i>	<i>NB Passing Lane</i>	<i>SB Passing Lane</i>	<i>SB Driving Lane</i>	<i>Total</i>	<i>Percentage</i>
1	68	31	9	115	224	0
2	367925	86721	70868	292414	817927	38.4
3	339160	66835	51407	284150	741552	34.8
4	18810	1416	30	11550	31806	1.5
5	64141	5615	3428	37602	110786	5.2
6	20346	1027	0	19682	41055	1.9
7	5936	286	0	2715	8937	0.4
8	19563	1576	0	12587	33726	1.6
9	130912	10732	0	128277	269922	12.7
10	25085	1950	0	31012	58047	2.7
11	1350	40	0	986	2375	0.1
12	1689	226	0	571	2486	0.1
13	5413	86	0	3849	9348	0.4
TOTAL	1000398	176541	125742	825509	2128190	100
GVW/LANE	47.01	8.3	5.91	38.79	100	0

Table 6 ESALs by Class and Lane and Flexible ESAL Factors

<i>Vehicle Class</i>	<i>NB Driving Lane</i>	<i>NB Passing Lane</i>	<i>SB Passing Lane</i>	<i>SB Driving Lane</i>	<i>Total</i>	<i>Percentage</i>	<i>Flexible ESAL Factor</i>
1	0	0	0	0	0	0	0.006
2	76	14	7	33	130	0.95	0.0014
3	210	29	13	107	359	2.64	0.007
4	469	32	2	206	709	5.2	1.25
5	1226	74	18	397	1715	12.59	0.45
6	643	26	0	444	1113	8.17	1.97
7	139	6	0	61	206	1.52	2.51
8	421	18	0	119	558	4.1	0.83
9	3636	271	0	2932	6839	50.22	2.93
10	570	40	0	870	1479	10.86	3.61
11	2	0	0	1	3	0.02	0.13
12	62	5	0	9	75	0.55	3.08
13	267	2	0	163	432	3.17	9.56
TOTAL	7720	516	39	5343	13618	100	26
ESALS/LANE	56.7	3.8	0.3	39.2	100	-	-

Table 7 Site Summary: Volume and Vehicle Class

<i>Month</i>	<i>Total Volume</i>	<i>Monthly ADT</i>	<i>Monthly HCAD T</i>	<i>Passenger Vehicles</i>	<i>Passenger Vehicles %</i>	<i>Heavy Commercial Vehicles</i>	<i>Heavy Commercial Vehicles %</i>	<i>Heavy Commercial Vehicles in Driving Lane %</i>	<i>Heavy Commercial Vehicles in Passing Lane %</i>
Jul 2018	350547	11308	574	332764	94.9	17782.9	5.1	90.2	9.8
Aug 2018	358059	11550	592	339709	94.9	18350	5.1	90.6	9.4
Sep 2018	313915	10464	604	295806	94.2	18109.5	5.8	90.9	9.1
Oct 2018	288734	9314	557	271460	94	17274.5	6	91.5	8.5
Nov 2018	213943	7131	471	199800	93.4	14142.7	6.6	92.7	7.3
Dec 2018	202323	6977	389	190274	94	12049.2	6	93.6	6.4
Jan 2019	203082	6551	412	190300	93.7	12782.5	6.3	96.2	3.8
Feb 2019	184458	6588	402	173210	93.9	11247.6	6.1	91	9
Mar 2019	222183	7167	470	207616	93.4	14566.8	6.6	92.9	7.1
Apr 2019	213284	7109	424	200549	94	12734.7	6	93.5	6.5
May 2019	274445	8601	515	258492	94.2	15952.7	5.8	93.9	6.1
Jun 2019	311618	10387	579	294255	94.4	17363.2	5.6	93.6	6.4
TOTAL	3136591	-	-	2954235	-	182356	-	-	-
AVERAGE	261383	8596	499	246186	94	15196	6	93	7

ESALS

<i>Month</i>	<i>ESALS NB Passing Lane</i>	<i>ESALS NB Driving Lane</i>	<i>ESALS SB Driving Lane</i>	<i>ESALS SB Passing Lane</i>	<i>Total ESALS</i>	<i>Driving Lane ESALS %</i>	<i>Passing Lane ESALS %</i>	<i>Pavement Life Decrease Months</i>
Jul 2018	6965	535	336	5229	13065	93	7	23.1
Aug 2018	7274	628	412	5605	13919	93	7	29.6
Sep 2018	7125	574	424	5493	13615	93	7	31.5
Oct 2018	7067	554	340	6223	14184	94	6	31.9
Nov 2018	6376	331	315	5768	12790	95	5	48.1
Dec 2018	5978	281	7355	5121	18736	59	41	85.7
Jan 2019	6348	398	15	5011	11772	96	4	64.8
Feb 2019	2855	313	24397	6316	33880	27	73	7.8
Mar 2019	6210	276	7776	7820	22080	64	36	95.1
Apr 2019	5158	248	118	5495	11019	97	3	46.4
May 2019	6651	375	39	5840	12906	97	3	30.5
Jun 2019	7881	523	39	5353	13796	96	4	30.7
TOTAL	75888	5034	41565	69275	191763	-	-	-
AVERAGE	6324	420	3464	5773	15980	84	16	44

Gross Vehicle Weight

<i>Month</i>	<i>GVW NB Passing Lane</i>	<i>GVW NB Driving Lane</i>	<i>GVW SB Passing Lane</i>	<i>GVW SB Driving Lane</i>	<i>Total GVW Kips</i>
Jul 18	989942	190861	199906	891495	2272204
Aug 18	1029912	206482	199903	915971	2352268
Sep 18	928245	167946	179934	843547	2119672
Oct 18	874341	151885	156271	815285	1997782
Nov 18	703774	103950	86051	644760	1538536
Dec 18	685139	100086	67487	606959	1459670
Jan 19	682176	85152	31467	619015	1417811
Feb 19	523242	76780	67109	602583	1269714
Mar 19	756964	97404	91231	710157	1655755
Apr 19	699507	92039	78224	627597	1497367
May 19	898098	146399	99456	755605	1899557
Jun 19	1004278	176757	125798	826044	2132876
TOTAL	9775619	1595742	1382836	8859016	21613214
AVERAGE	814635	132978	115236	738251	1801101

Overweight Vehicles

<i>Month</i>	<i>Total Number of Overweight Vehicles</i>	<i>Overweight / Total Volume</i>	<i>Overweight / Heavy Commercial Volume</i>	<i>Number Over 88,000 lbs</i>	<i>Number Over 98,000 lbs</i>
Jul 2018	2415	0.7	13.6	700	189
Aug 2018	2476	0.7	13.5	830	275
Sep 2018	2546	0.8	14.1	934	286
Oct 2018	2727	0.9	15.8	1007	305
Nov 2018	2379	1.1	16.9	1102	355
Dec 2018	2093	1	16.5	1147	489
Jan 2019	2132	1.1	16	1062	401
Feb 2019	1870	1.1	16.9	1060	553
Mar 2019	2748	1.3	18.9	1486	736
Apr 2019	2116	1	16.7	764	241
May 2019	2475	0.9	15.6	829	170
Jun 2019	2598	0.8	15	707	234
TOTAL	28575	-	-	11628	4234
AVERAGE	2381.2	1	15.8	969	352.8

Freight

<i>Month</i>	<i>NB Freight Tons</i>	<i>SB Freight Tons</i>	<i>Total Freight</i>	<i>NB Freight %</i>	<i>SB Freight %</i>
Jul 2018	72207	58420	130627	55.3	44.7
Aug 2018	73261	62083	135345	54.1	45.9
Sep 2018	75479	60417	135896	55.5	44.5
Oct 2018	71194	66929	138122	51.5	48.5
Nov 2018	59228	61355	120584	49.1	50.9
Dec 2018	53907	52938	106845	50.5	49.5
Jan 2019	57703	52459	110162	52.4	47.6
Feb 2019	29089	60935	90023	32.3	67.7
Mar 2019	57188	75044	132232	43.2	56.8
Apr 2019	49952	53049	103001	48.5	51.5
May 2019	64933	57952	122885	52.8	47.2
Jun 2019	74303	53482	127784	58.1	41.9
TOTAL	738445	715061	1453506	-	-
AVERAGE	61537.1	59588.4	121125.5	50.3	49.7