

# TRAFFIC ANALYSIS REPORT

For Project: Straight Bit  
Location/Name: Straight Bit Traffic Flow West  
Report Generated: 02/03/2017 11:03:34  
Speed Intervals = 5 mph  
Time Intervals = 5 minutes

Traffic Report From 18/01/2017 14:45:00 through 07/02/2017 10:25:00

85th Percentile Speed = 31.3 mph  
85th Percentile Vehicles = 46,945 counts  
Max Speed = 55.0 mph on 20/01/2017 01:50:00  
Total Vehicles = 55,229 counts  
AADT: 2786.6

## Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		2,821	2,629
AM peak	8:00 to 9:00	327	252
PM peak	5:00 to 6:00	254	227

## Speed

Speed limit: 30 mph  
85th Percentile Speed: 31.3 mph  
Average Speed: 29.1 mph

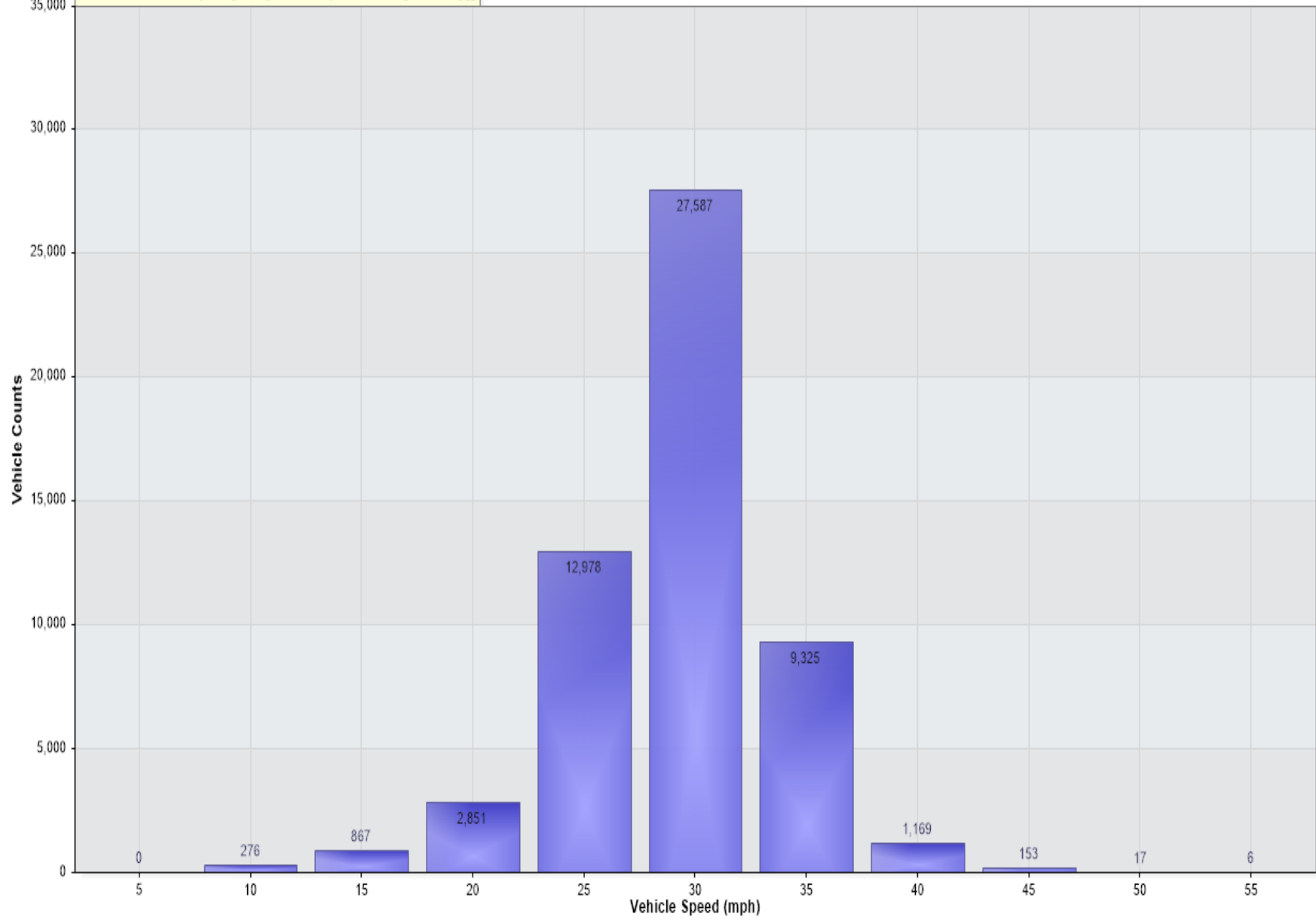
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	1588	1129	1177	1510	1812	2001	1453
% over limit	18.0	16.2	15.7	16.3	18.6	26.2	27.6
Avg speeder	32.6	32.7	32.7	32.6	32.8	32.8	32.9

**85th percentile speeds, counts and total counts by day:**

<b>Date/Time</b>	<b>85th pct(mph)</b>	<b>85th pctl counts</b>	<b>Total</b>	<b>Max Speed</b>	<b>Avg Speeder</b>	<b>% Speeders</b>
19/01/2017 00:00:00	29.9	1127	1326	45	35.6	13.9%
20/01/2017 00:00:00	30.9	2556	3007	50	35.7	17.9%
21/01/2017 00:00:00	31.0	2764	3252	55	35.8	18.3%
22/01/2017 00:00:00	32.5	2136	2513	45	35.7	26.6%
23/01/2017 00:00:00	32.5	1442	1696	55	35.9	26.0%
24/01/2017 00:00:00	30.6	2514	2958	50	35.6	16.9%
25/01/2017 00:00:00	30.0	2596	3054	55	35.7	14.6%
26/01/2017 00:00:00	29.9	2621	3083	50	35.7	14.4%
27/01/2017 00:00:00	30.0	2714	3193	45	35.5	14.7%
28/01/2017 00:00:00	30.8	2672	3143	50	35.8	17.5%
29/01/2017 00:00:00	32.1	2145	2523	55	35.7	23.8%
30/01/2017 00:00:00	32.3	1492	1755	50	35.9	24.6%
31/01/2017 00:00:00	30.9	2467	2902	45	35.6	17.9%
01/02/2017 00:00:00	30.6	2490	2930	50	35.6	16.9%
02/02/2017 00:00:00	30.9	2630	3094	50	35.7	17.7%
03/02/2017 00:00:00	30.5	2593	3051	55	35.7	16.5%
04/02/2017 00:00:00	31.4	2870	3377	50	35.8	19.8%
05/02/2017 00:00:00	32.7	2215	2606	50	35.9	28.1%
06/02/2017 00:00:00	33.1	1533	1803	55	35.9	32.1%
07/02/2017 00:00:00	31.2	2534	2981	45	35.6	19.1%
07/02/2017 10:25:00	31.3	835	982	45	35.8	19.2%

Vehicle Counts Vs. Speed [Straight Bit: Imported Data [Incoming]]

55,229 Counts



Project: Straight Bit  
 Location: Straight Bit Traffic Flow West

Select Display Data

Show Counts  Show Avg. Speeds  Show 85pct Speeds

Select Month:

January  
 February

	Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
▶	0 - 1	8	9	4	18	10	52	48	9.8	50	33.6
	1 - 2	2	3	3	6	5	23	21	3.8	22	32.5
	2 - 3	0	2	1	5	6	10	5	2.8	7.5	30.6
	3 - 4	3	1	3	1	3	14	9	2.2	11.5	26
	4 - 5	2	5	3	7	5	10	8	4.4	9	31.5
	5 - 6	19	21	16	17	20	14	9	18.6	11.5	34.1
	6 - 7	69	102	48	119	99	23	12	87.4	17.5	33.8
	7 - 8	407	481	249	459	449	98	42	409	70	30.6
	8 - 9	586	645	365	649	608	176	84	570.6	130	29.9
	9 - 10	362	372	185	394	383	287	186	339.2	236.5	30.5
	10 - 11	344	356	166	320	332	375	238	303.6	306.5	30.1
	11 - 12	341	342	161	299	415	513	300	311.6	406.5	30.2
	12 - 13	384	393	197	387	426	480	335	357.4	407.5	30.3
	13 - 14	362	364	170	390	432	407	347	343.6	377	30.5
	14 - 15	438	387	250	428	430	371	333	386.6	352	29.9
	15 - 16	455	475	460	496	508	417	313	478.8	365	30.2
	16 - 17	478	477	461	552	512	419	303	496	361	30.5
	17 - 18	503	473	484	500	508	366	254	493.6	310	29.6
	18 - 19	423	366	411	403	413	324	189	403.2	256.5	30
	19 - 20	293	288	324	296	283	216	156	296.8	186	31.5
	20 - 21	177	169	199	201	212	180	116	191.6	148	32.5
	21 - 22	119	123	138	109	126	93	71	123	82	33.1
	22 - 23	59	85	74	96	116	89	50	86	69.5	33
	23 - 24	26	45	37	48	94	79	22	50	50.5	33.3
	Totals	5860	5984	4409	6200	6395	5036	3451			

Project: Straight Bit  
 Location: Straight Bit Traffic Flow West

Select Display Data

Show Counts  Show Avg. Speeds  Show 85pct Speeds

Select Month:

January  
 February

	Hour	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	Week Day Avg	Weekend Avg	Week Day 85% Avg Speed
▶	0 - 1	4	5	6	9	12	35	34	7.2	34.5	34
	1 - 2	1	3	3	1	2	10	20	2	15	34
	2 - 3	0	3	4	4	4	6	9	3	7.5	31.5
	3 - 4	1	1	1	3	3	2	8	1.8	5	34
	4 - 5	3	4	5	3	3	3	0	3.6	1.5	30
	5 - 6	4	7	8	8	7	5	1	6.8	3	35.8
	6 - 7	36	45	37	36	38	13	5	38.4	9	34.2
	7 - 8	183	173	199	189	176	37	15	184	26	31.9
	8 - 9	342	382	326	330	318	77	52	339.6	64.5	29.6
	9 - 10	218	240	221	197	244	147	93	224	120	31.3
	10 - 11	172	122	147	157	162	185	139	152	162	31.2
	11 - 12	161	0	173	171	211	255	147	143.2	201	31.4
	12 - 13	198	*	205	166	199	233	193	192	213	29.9
	13 - 14	179	*	174	187	198	203	177	184.5	190	31.5
	14 - 15	178	*	202	201	200	229	169	195.3	199	30.2
	15 - 16	256	*	261	253	227	199	141	249.3	170	31.1
	16 - 17	229	*	246	244	301	207	172	255	189.5	30.9
	17 - 18	257	*	252	255	338	210	131	275.5	170.5	29.8
	18 - 19	212	*	191	214	290	181	93	226.8	137	29.9
	19 - 20	123	*	169	161	155	131	81	152	106	30.6
	20 - 21	92	*	102	109	114	90	63	104.3	76.5	32
	21 - 22	65	*	83	69	62	50	27	69.8	38.5	33.5
	22 - 23	43	*	44	62	60	52	26	52.3	39	33.1
	23 - 24	22	*	31	24	45	47	16	30.5	31.5	32.7
	Totals	2979	985	3090	3053	3369	2607	1812			