

Franklin Regional Council of Governments

425 Main Street, Suite 20

Greenfield, MA 01301-3313

Phone: 413-774-1194 (ext 109)

Town : GREENFIELD
 Counted By : FRCOG
 Counter : TRAX 13
 Other : STATE REQUEST

Functional Class = U5

Location: RIVER STREET - WEST OF WISDOM WAY

Station ID: 1142028

Start Time	17-Sep-07		Tue		Wed		Thu		Fri		Sat		Sun		Weekday Average	
	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB	EB	WB
12:00 AM	11	5	10	10	12	5	15	13	15	13	23	18	28	26	13	9
1:00	3	8	11	11	9	11	16	11	11	10	27	29	16	19	10	10
2:00	5	7	4	9	4	5	5	13	6	9	7	15	17	11	5	9
3:00	6	3	8	6	6	7	7	7	7	8	9	4	10	6	7	6
4:00	11	10	13	7	12	12	12	6	15	10	17	9	8	3	13	9
5:00	47	25	48	23	58	22	47	33	44	30	21	21	12	13	49	27
6:00	122	74	128	77	120	68	133	87	131	78	65	41	43	22	127	77
7:00	252	176	248	184	250	172	225	178	226	171	137	77	100	50	240	176
8:00	261	199	291	197	250	200	287	173	274	198	145	137	122	77	273	193
9:00	190	167	169	179	214	171	177	200	227	210	255	207	155	135	195	185
10:00	201	182	179	208	191	225	224	193	225	227	276	232	211	162	204	207
11:00	218	234	204	238	228	216	224	221	256	266	286	305	200	200	226	235
12:00 PM	246	247	258	265	271	273	250	239	252	284	261	264	231	262	255	262
1:00	241	218	243	214	253	237	276	246	323	266	276	248	213	238	267	236
2:00	240	285	263	262	298	289	303	275	307	291	259	263	219	184	282	280
3:00	313	315	332	323	310	308	331	338	320	361	229	283	212	221	321	329
4:00	283	327	322	360	307	295	312	338	326	331	236	249	169	270	310	330
5:00	245	316	237	308	269	327	279	348	297	346	201	266	203	213	265	329
6:00	169	204	190	180	194	228	205	217	224	216	184	214	122	145	196	209
7:00	124	136	141	139	170	152	178	144	130	202	134	149	142	103	149	155
8:00	118	79	93	98	114	95	105	96	136	110	116	97	63	73	113	96
9:00	49	46	77	51	78	66	88	59	83	59	92	59	64	36	75	56
10:00	43	37	60	53	28	42	44	59	55	63	50	55	35	31	46	51
11:00	24	21	23	20	32	24	27	22	39	44	41	48	30	19	29	26
Total	3422	3321	3552	3422	3678	3450	3770	3516	3929	3803	3347	3290	2625	2519	3670	3502
Day	6743		6974		7128		7286		7732		6637		5144		7172	
AM Peak	8:00	11:00	8:00	11:00	7:00	10:00	8:00	11:00	8:00	11:00	11:00	11:00	10:00	11:00	8:00	11:00
Vol.	261	234	291	238	250	225	287	221	274	266	286	305	211	200	273	235
PM Peak	15:00	16:00	15:00	16:00	15:00	17:00	15:00	17:00	16:00	15:00	13:00	15:00	12:00	16:00	15:00	16:00
Vol.	313	327	332	360	310	327	331	348	326	361	276	283	231	270	321	330

COMMENTS:

EB - EASTBOUND
 WB - WESTBOUND

Notes:

MassHighway Station ID: 2028

ACTUAL VEHICLE VOLUMES
 No Axle Correction Needed
 Vehicle Classification and Speed Data
 available for this location

Average Annual Daily Traffic Calculation

Mon 09/17 - Fri 09/21			
	EB	WB	TOTAL
AWT	3670	3502	7173
SAF	0.92	0.92	-
ACF	NA	NA	-
AADT	3400	3200	6600



FRANKLIN REGIONAL COUNCIL OF GOVERNMENTS

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Phone: 413-774-1194 Fax: 413-774-1195



SUMMARY OF VEHICLE CLASSIFICATION DATA

Town :GREENFIELD

Location: RIVER STREET - WEST OF WISDOM WAY

Station ID: 1142028

Functional Class = US

Data Collected, Monday September 17th - Sunday September 23rd, 2007

EASTBOUND




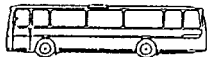


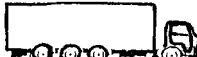

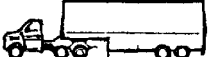

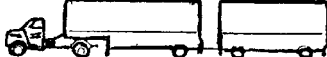
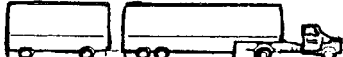
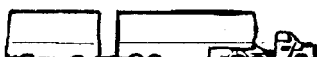
	Class 1 - Class 2		Class 3		Class 4		Class 5 - Class 7		Class 8 - Class 13		All Vehicles	
	Total	Average	Total	Average	Total	Average	Total	Average	Total	Average	Total	Average
Weekday	13740	2748	3590	718	103	21	764	153	154	31	18351	3670
Percentage	74.87%		19.56%		0.56%		4.16%		0.84%			
Weekend	4766	2383	1081	541	3	2	105	53	17	9	5972	2986
Percentage	79.81%		18.10%		0.05%		1.76%		0.28%			
7-Day	18506	2644	4671	667	106	15	869	124	171	24	24323	3475
Percentage	76.08%		19.20%		0.44%		3.57%		0.70%			

WESTBOUND

	Class 1 - Class 2		Class 3		Class 4		Class 5 - Class 7		Class 8 - Class 13		All Vehicles	
	Total	Average	Total	Average	Total	Average	Total	Average	Total	Average	Total	Average
Weekday	13126	2625	3381	676	138	28	716	143	151	30	17512	3502
Percentage	74.95%		19.31%		0.79%		4.09%		0.86%			
Weekend	4556	2278	1106	553	15	8	112	56	20	10	5809	2905
Percentage	78.43%		19.04%		0.26%		1.93%		0.34%			
7-Day	17682	2526	4487	641	153	22	828	118	171	24	23321	3332
Percentage	75.82%		19.24%		0.66%		3.55%		0.73%			

EASTBOUND+WESTBOUND

	Class 1 - Class 2		Class 3		Class 4		Class 5 - Class 7		Class 8 - Class 13		All Vehicles	
	Total	Average	Total	Average	Total	Average	Total	Average	Total	Average	Total	Average
Weekday	26866	5373	6971	1394	241	48	1480	296	305	61	35863	7173
Percentage	74.91%		19.44%		0.67%		4.13%		0.85%			
Weekend	9322	4661	2187	1094	18	9	217	109	37	19	11781	5891
Percentage	79.13%		18.56%		0.15%		1.84%		0.31%			
7-Day	36188	5170	9158	1308	259	37	1697	242	342	49	47644	6806
Percentage	75.95%		19.22%		0.54%		3.56%		0.72%			

1 Motorcycles MOTORCYCLES 	2 Passenger Cars PASSENGER CARS 	3 Two Axle, 4 Tire Single Units TWO AXLE, 4 TIRE SINGLE UNITS 	4 Buses BUSES 
5 Two Axle, 6 Tire Single Units TWO AXLE, 6 TIRE SINGLE UNITS 	6 Three Axle Single Units THREE AXLE SINGLE UNITS 	7 Four or More Axle Single Units FOUR OR MORE AXLE SINGLE UNITS 	8 Four or Less Axle Single Trailers FOUR OR LESS AXLE SINGLE TRAILERS 
9 Five Axle Single Trailers FIVE AXLE SINGLE TRAILERS 	10 Six or More Axle Single Trailers SIX OR MORE AXLE SINGLE TRAILERS 	11 Five or Less Axle Multi-Trailers FIVE OR LESS AXLE MULTI-TRAILERS 	
12 Six Axle Multi-Trailers SIX AXLE MULTI-TRAILERS 	13 Seven or More Axle Multi-Trailers SEVEN OR MORE AXLE MULTI-TRAILERS 	14 UNCLASSIFIED	

**FHWA VEHICLE CLASSIFICATION
TYPICAL VEHICLE SILHOUETTES**

Source: Automatic Traffic Recorder Count conducted by the Franklin Regional Council of Governments



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SUMMARY OF VEHICLE CLASSIFICATION DATA

Town :GREENFIELD

Location: RIVER STREET - WEST OF WISDOM WAY

Station ID: 1142028

Functional Class = U5

Data Collected, Monday September 17th - Sunday September 23rd, 2007

EASTBOUND

	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	Total
Monday	29	2497	689	22	102	48	0	17	17	1	0	0	0	3422
Tuesday	35	2620	707	21	118	29	1	8	13	0	0	0	0	3552
Wednesday	43	2679	735	18	105	49	5	18	25	1	0	0	0	3678
Thursday	43	2835	687	23	116	40	0	12	12	1	1	0	0	3770
Friday	56	2903	772	19	119	30	2	14	11	3	0	0	0	3929
Saturday	81	2576	610	3	62	5	0	7	3	0	0	0	0	3347
Sunday	90	2019	471	0	37	1	0	4	3	0	0	0	0	2625
Weekday	206	13534	3590	103	560	196	8	69	78	6	1	0	0	18351
%	1.12%	73.75%	19.56%	0.56%	3.05%	1.07%	0.04%	0.38%	0.43%	0.03%	0.01%	0.00%	0.00%	100.00%
Weekend	171	4595	1081	3	99	6	0	11	6	0	0	0	0	5972
%	2.86%	76.94%	18.10%	0.05%	1.66%	0.10%	0.00%	0.18%	0.10%	0.00%	0.00%	0.00%	0.00%	100.00%
7-Day	377	18129	4671	106	659	202	8	80	84	6	1	0	0	24323
%	1.55%	74.53%	19.20%	0.44%	2.71%	0.83%	0.03%	0.33%	0.35%	0.02%	0.00%	0.00%	0.00%	100.00%

WESTBOUND

	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6	Class 7	Class 8	Class 9	Class 10	Class 11	Class 12	Class 13	Total
Monday	31	2444	622	31	98	39	19	22	13	2	0	0	0	3321
Tuesday	27	2522	684	29	104	23	7	12	12	2	0	0	0	3422
Wednesday	39	2546	674	26	100	26	14	10	14	1	0	0	0	3450
Thursday	64	2600	649	23	104	40	3	15	15	3	0	0	0	3516
Friday	62	2791	752	29	111	25	3	12	15	1	1	1	0	3803
Saturday	61	2497	659	6	47	7	0	5	8	0	0	0	0	3290
Sunday	51	1947	447	9	54	4	0	5	2	0	0	0	0	2519
Weekday	223	12903	3381	138	517	153	46	71	69	9	1	1	0	17512
%	1.27%	73.68%	19.31%	0.79%	2.95%	0.87%	0.26%	0.41%	0.39%	0.05%	0.01%	0.01%	0.00%	100.00%
Weekend	112	4444	1106	15	101	11	0	10	10	0	0	0	0	5809
%	1.93%	76.50%	19.04%	0.26%	1.74%	0.19%	0.00%	0.17%	0.17%	0.00%	0.00%	0.00%	0.00%	100.00%
7-Day	335	17347	4487	153	618	164	46	81	79	9	1	1	0	23321
%	1.44%	74.38%	19.24%	0.66%	2.65%	0.70%	0.20%	0.35%	0.34%	0.04%	0.00%	0.00%	0.00%	100.00%

Source: Automatic Traffic Recorder Count conducted by the Franklin Regional Council of Governments

Town : GREENFIELD
 Counted By : FRCOG
 Counter : TRAX 13
 Other : STATE REQUEST

Franklin Regional Council of Governments

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 Phone: 413-774-1194 (ext 109)

Station ID: 1142028
 Functional Class = U5

VEHICLE SPEED SUMMARY

Data Collected, Monday September 17th - Sunday September 23rd, 2007

RIVER STREET
 WEST OF WISDOM WAY

Direction - EASTBOUND

	0-15 MPH	16-20 MPH	21-25 MPH	26-30 MPH	31-35 MPH	36-40 MPH	41-45 MPH	46-50 MPH	51-55 MPH	56-60 MPH	61-65 MPH	66-70 MPH	71-75 MPH	>75 MPH	Total
Study Total	55	132	270	1986	8630	9300	2249	215	23	1	1	0	0	0	22862
Percent of Total	0.20%	0.60%	1.20%	8.70%	37.70%	40.70%	9.80%	0.90%	0.10%	0.00%	0.00%	0.00%	0.00%	0.00%	

Direction - WESTBOUND

	0-15 MPH	16-20 MPH	21-25 MPH	26-30 MPH	31-35 MPH	36-40 MPH	41-45 MPH	46-50 MPH	51-55 MPH	56-60 MPH	61-65 MPH	66-70 MPH	71-75 MPH	>75 MPH	Total
Study Total	108	175	306	2534	10468	7383	1255	95	11	1	2	0	0	1	22339
Percent of Total	0.50%	0.80%	1.40%	11.30%	46.90%	33.00%	5.60%	0.40%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	

Statistics

	EASTBOUND	WESTBOUND
15th Percentile :	31 MPH	31 MPH
50th Percentile :	36 MPH	35 MPH
85th Percentile :	40 MPH	40 MPH
95th Percentile :	44 MPH	43 MPH
10 MPH Pace Speed :	31-40 MPH	31-40 MPH
Number in Pace :	17930	17851
Percent in Pace :	78.40%	79.90%
Number of Vehicles > 25 MPH :	22405	21750
Percent of Vehicles > 25 MPH :	98.00%	97.40%

Platooning vehicles (5 second gap or less between vehicle in front) have been excluded from the percentile speed calculation.

Percentile speed identifies the percentage of the vehicles passing the location at or below the noted speed.

The 85th Percentile speed "...is the principal value used for establishing speed controls. This method is based on numerous studies which indicate that the majority of motorists are prudent and capable of selecting safe speeds. The 85th percentile speed is the national standard for establishing safe speed limits." *MassHighway Dept, Procedures for Speed Zoning on State and Municipal Roadways, 2003*