Memorandum

The City of Traverse City
Engineering Department

TO: Timothy J. Lodge, P.E., City Engineer
FROM: Jessica Carpenter, E.I.T., Engineering Technician
DATE: Friday, October 24, 2014
SUBJECT: Pre and Post Striping Speed Study of E. Eighth Street, 600 Block between Franklin St. and Railroad Ave.

City Engineering performed an on-site 2-week speed count beginning Wednesday, September 24, 2014 at 11 am until Wednesday, October 8, 2014 at 11 am on the 600 block of E. Eighth St. This memo is to formalize City Engineering's initial findings and observations with regard to the pre and post striping speeds of vehicles on the 600 block of E. Eighth St.

The data was gathered using a Jamar Radar Recorder which collected traffic data, including vehicle speed, for each lane of traffic (eastbound and westbound). This information was then analyzed and the data for each lane compiled into one report, regardless of direction, using TraxPro. The TraxPro report organized the speeds of the vehicles into groups based on 5 mile per hour increments, starting with 0-15 miles per hour. The report shows how many vehicles were within the specified speed range during the time indicated by the report. The speed data was also analyzed through TraxPro's Police Report program to evaluate the possible percentage of enforceable violations. This data was then organized into a small colored chart where red means high enforcement potential and green means low on a total scale for enforceable violations of 30 percent. For this report the enforceable minimum speed a vehicle would need to be traveling was set to 5 miles per hour over the posted speed limit.

During the 2-week study, 252,035 vehicles were recorded on this section of Eighth St with about 67 percent of eastbound vehicles traveling between 24 and 33 miles per hour and an average speed of 26 miles per hour. Westbound vehicles had an average speed of 27 miles per hour, with about 64 percent traveling between 25 and 34 miles per hour. 28,197 eastbound vehicles, about 23 percent, and 25,838 westbound vehicles, about 20 percent, were recorded going speeds below the posted speed limit of 25 miles per hour. The total percentage of enforceable violations was about 31 percent.

A 7 day study, from August 7, 2014 until August 14, 2014, was done on this section of Eighth St before it was reduced to a three lane section. During this study, 65 percent of eastbound vehicles were traveling between 25 and 34 miles per hour with an average eastbound speed of 27 miles per hour. Westbound vehicles had an average speed of 30 miles per hour, with about 67 percent traveling between 27 and 36 miles per hour. 8,882 eastbound vehicles, about 18 percent, and 6,722 westbound vehicles, about 11 percent, were recorded going speeds below the posted speed limit of 25 miles per hour. The total percentage of enforceable violations was about 50 percent.

After converting this section of Eighth St to a three lane section, the average speed decreased by 1 mile per hour for eastbound vehicles and decreased by 3 miles per hour for westbound vehicles. Eastbound pace speed decreased by 1 mile per hour while westbound vehicles pace speed decreased by 2 miles per hour after the road was reduced to a three lane section. The

percentage of vehicles driving under the posted speed limit was increased by 5 percent for vehicles traveling east, and increased by 9 percent for westbound vehicles. The total percentage of enforceable violations decreased by 19 percent after the road was reduced to a three lane section.

Post-Striping Summary:

- Speed Limit: 25 mph
- Number of Recorded Vehicles (2 weeks): 252,035
- Average Speed 27 mph
- Total Enforcement Rating High
- Total Percentage Above Speed Limit 78.6 %

Pre-Striping vs Post-Striping Summary:

	Pre-Striping	Post-Striping
Average Speed	29 mph	27 mph
85th Percentile Speed	34 mph	32 mph
Total Percentage Above Speed Limit	85.80%	78.60%
Total Enforcement Rating	High	High

Encl.: Detailed TraxPro Speed Report (Combined)
TraxPro Enforcement Report

Speed Enforcement Evaluator

Location:
Eighth St

GPS:
0' 0.0000 South
0' 0.0000 East

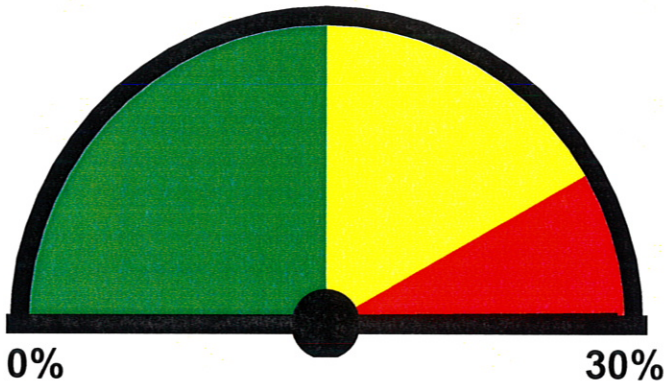
Closest Cross Street:
Franklin St

Analysis Dates:
Wednesday, September 24, 2014
Wednesday, October 08, 2014

Equipment Used:
Radar Recorder

Installed By:
JLC

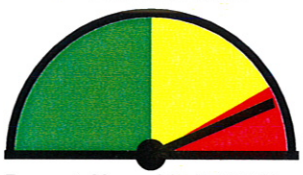
Total Percentage of Enforceable Violations



0% **30%**

Posted Speed Limit: 25 MPH
Enforcement Tolerance: 5 MPH
Enforcement Limit: 31 MPH & Up
Percentage Above Limit: 31.4%
Enforcement Rating: **HIGH**

Eastbound



Percent Above Limit: 26.2%
Enforcement Rating: HIGH

Westbound

Percent Above Limit: 36.5%
Enforcement Rating: HIGH

Best Times for Enforcement

Location:
Eighth St

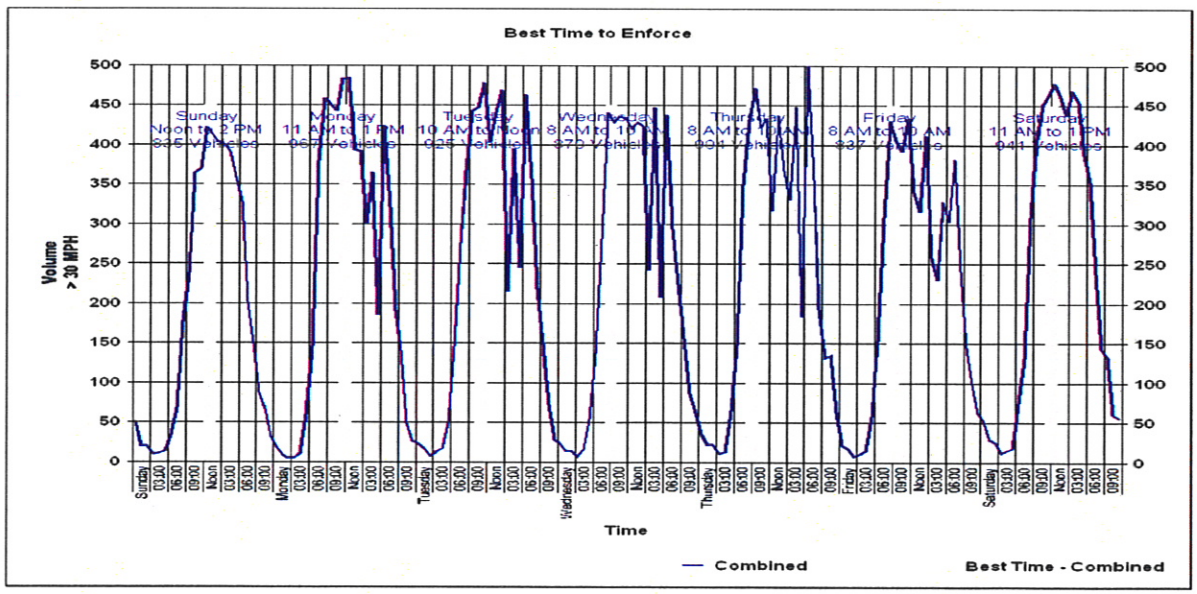
Closest Cross Street:
Franklin St

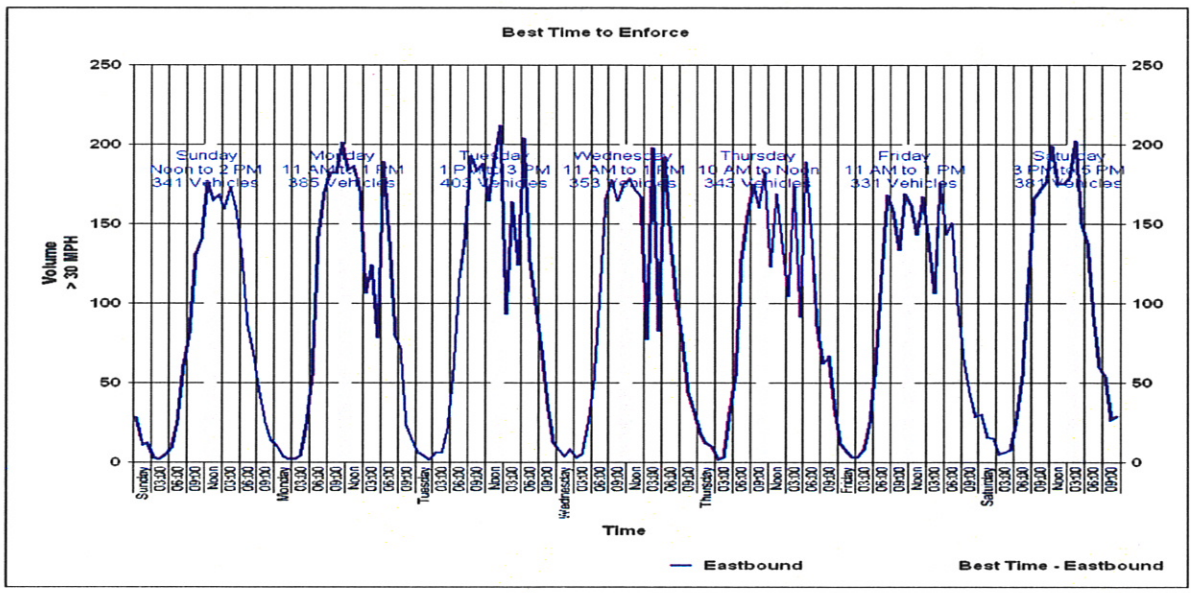
Analysis Dates:
Wednesday, September 24, 2014
Wednesday, October 08, 2014

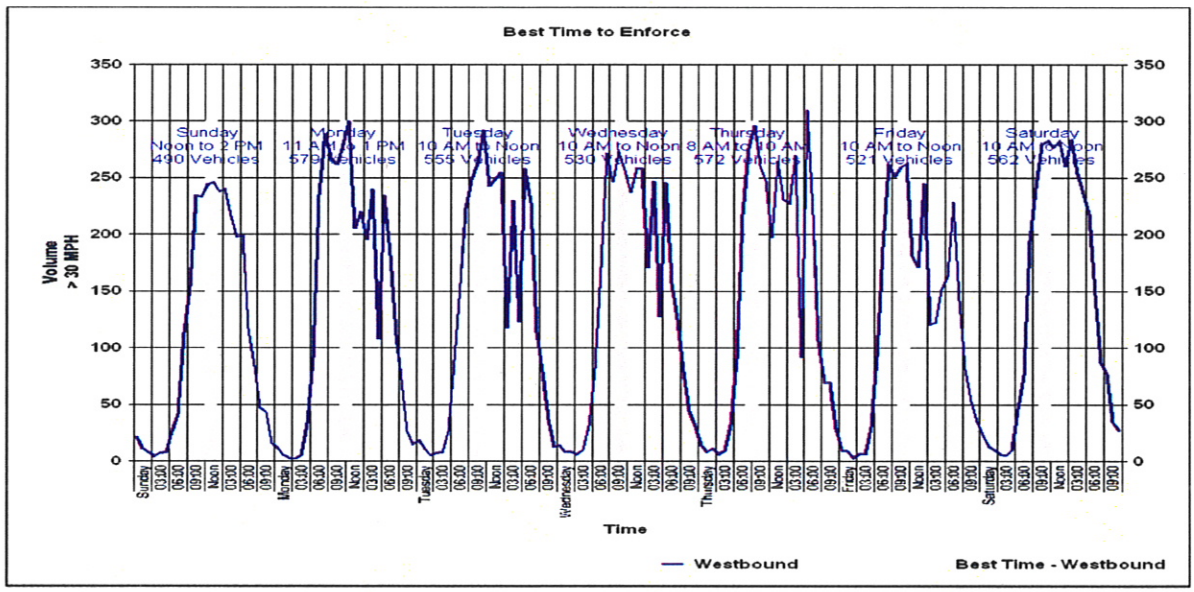
Equipment Used:
Radar Recorder

Installed By:
JLC

Sun	**Combined: Noon to 2 PM**
	Eastbound: Noon to 2 PM
	Westbound: Noon to 2 PM
Mon	**Combined: 11 AM to 1 PM**
	Eastbound: 11 AM to 1 PM
	Westbound: 11 AM to 1 PM
Tue	**Combined: 10 AM to Noon**
	Eastbound: 1 PM to 3 PM
	Westbound: 10 AM to Noon
Wed	**Combined: 8 AM to 10 AM**
	Eastbound: 11 AM to 1 PM
	Westbound: 10 AM to Noon
Thu	**Combined: 8 AM to 10 AM**
	Eastbound: 10 AM to Noon
	Westbound: 8 AM to 10 AM
Fri	**Combined: 8 AM to 10 AM**
	Eastbound: 11 AM to 1 PM
	Westbound: 10 AM to Noon
Sat	**Combined: 11 AM to 1 PM**
	Eastbound: 3 PM to 5 PM
	Westbound: 10 AM to Noon




Best Time to Enforce
Sunday
Noon to 2 PM
341 Vehicles
Monday
11 AM to 1 PM
385 Vehicles
Tuesday
1 PM to 3 PM
403 Vehicles
Wednesday
11 AM to 1 PM
353 Vehicles
Thursday
10 AM to Noon
343 Vehicles
Friday
11 AM to 1 PM
331 Vehicles
Saturday
3 PM to 5 PM
381 Vehicles
Volume
> 30 MPH
Time
Eastbound
Best Time - Eastbound


Best Time to Enforce
Sunday
Noon to 2 PM
490 Vehicles
Monday
11 AM to 1 PM
579 Vehicles
Tuesday
10 AM to Noon
555 Vehicles
Wednesday
10 AM to Noon
530 Vehicles
Thursday
8 AM to 10 AM
572 Vehicles
Friday
10 AM to Noon
521 Vehicles
Saturday
10 AM to Noon
562 Vehicles
Volume
> 30 MPH
Time
Westbound
Best Time - Westbound

Eighth St

600 Block, Between Franklin and Railroad Ave

Post-Striping Speed Study

Site Code: 00000001
Station ID:

Latitude: 0' 0.0000 South

Westbound

Start Time	0 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 9999	Total	Pace Speed	Number in Pace
10/08/14	4	5	2	12	13	2	0	0	0	0	0	0	0	0	38	26-35	20
01:00	0	0	1	9	8	1	0	0	0	0	0	0	0	0	19	26-35	15
02:00	1	0	1	4	6	1	1	0	0	0	0	0	0	0	14	26-35	9
03:00	0	1	0	7	7	0	0	0	0	0	0	0	0	0	15	25-34	12
04:00	1	0	1	8	7	3	0	0	0	0	0	0	0	0	20	27-36	13
05:00	1	1	3	27	27	7	0	0	0	0	0	0	0	0	66	26-35	48
06:00	6	3	22	106	60	12	0	0	0	0	0	0	0	0	209	25-34	149
07:00	**47**	**89**	**96**	282	138	11	0	0	0	0	0	0	0	0	663	24-33	359
08:00	38	45	70	310	212	24	1	0	0	0	0	0	0	0	**700**	25-34	443
09:00	18	14	41	325	202	**30**	2	0	0	0	0	0	0	0	632	25-34	461
10:00	21	17	56	**332**	**231**	27	**5**	0	0	0	0	0	0	0	689	25-34	491
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	137	175	293	1422	911	118	9	0	0	0	0	0	0	0	3065		
Percent	4.5%	5.7%	9.6%	46.4%	29.7%	3.8%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00	07:00	10:00	10:00	09:00	10:00								08:00		
Vol.	47	89	96	332	231	30	5								700		
PM Peak Vol.																	
Total	5332	7019	13487	55663	39732	6017	431	38	10	4	5	4	2	1	127745		
Percent	4.2%	5.5%	10.6%	43.6%	31.1%	4.7%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile :	19 MPH
50th Percentile :	28 MPH
85th Percentile :	33 MPH
95th Percentile :	35 MPH

Stats

10 MPH Pace Speed :	25-34 MPH
Number in Pace :	82113
Percent in Pace :	64.3%
Number of Vehicles > 25 MPH :	101907
Percent of Vehicles > 25 MPH :	79.8%
Mean Speed(Average) :	27 MPH

Eighth St

600 Block, Between Franklin and Railroad Ave

Post-Striping Speed Study

Site Code: 00000001
Station ID:

Latitude: 0' 0.0000 South

Eastbound, Westbound

Start Time	0 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 9999	Total	Pace Speed	Number in Pace
09/24/14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	**49**	**53**	**188**	**811**	**380**	**38**	**2**	0	0	0	0	0	0	0	**1521**	24-33	1068
12 PM	49	61	214	798	341	**43**	2	0	0	0	0	0	0	0	1508	24-33	1040
13:00	46	30	153	762	346	27	1	0	0	0	0	0	0	0	1365	25-34	995
14:00	50	81	198	725	**368**	32	**7**	0	0	0	0	0	0	0	1461	24-33	971
15:00	147	206	**392**	640	185	17	0	0	0	0	0	0	0	0	1587	22-31	847
16:00	74	113	239	**829**	356	35	0	**1**	0	0	0	0	0	0	**1647**	24-33	1063
17:00	**327**	**345**	362	395	137	16	1	0	0	0	0	0	0	0	1583	19-28	578
18:00	38	53	182	686	361	38	4	0	0	0	0	0	0	0	1362	25-34	939
19:00	26	24	68	494	297	37	0	0	0	0	0	0	0	0	946	25-34	694
20:00	28	23	96	336	199	20	1	0	0	0	0	0	0	0	703	25-34	475
21:00	12	11	38	231	130	17	1	0	0	0	0	0	0	0	440	25-34	319
22:00	15	12	22	137	70	5	1	0	0	0	0	0	0	0	262	25-34	178
23:00	17	14	15	96	48	4	0	0	**1**	**1**	0	0	0	0	196	25-34	120
Total	878	1026	2167	6940	3218	329	20	1	1	1	0	0	0	0	14581		
Percent	6.0%	7.0%	14.9%	47.6%	22.1%	2.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	11:00	11:00	11:00	11:00	11:00								11:00		
Vol.	49	53	188	811	380	38	2								1521		
PM Peak	17:00	17:00	15:00	16:00	14:00	12:00	14:00	16:00	23:00	23:00					16:00		
Vol.	327	345	392	829	368	43	7	1	1	1					1647		

Eighth St

600 Block, Between Franklin and Railroad Ave

Post-Striping Speed Study

Site Code: 00000001
Station ID:

Latitude: 0' 0.0000 South

Eastbound, Westbound

Start Time	0 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 9999	Total	Pace Speed	Number in Pace
09/25/14	13	2	8	43	34	4	1	0	0	0	0	0	0	0	105	26-35	62
01:00	7	2	4	24	17	3	0	0	0	0	0	0	0	0	57	26-35	33
02:00	5	4	6	32	22	3	0	0	0	0	0	0	0	0	72	25-34	45
03:00	0	1	6	17	6	1	1	0	**1**	0	0	0	0	0	33	23-32	23
04:00	2	1	9	30	11	3	1	0	0	0	0	0	0	0	57	24-33	39
05:00	5	7	5	58	46	11	0	0	0	0	0	0	0	0	132	26-35	88
06:00	9	3	35	220	126	15	0	0	0	0	0	0	0	0	408	25-34	309
07:00	**42**	**60**	**146**	590	310	42	0	0	0	0	0	0	0	0	1190	25-34	796
08:00	26	32	145	662	401	49	4	0	1	0	0	0	0	0	1320	25-34	951
09:00	39	24	94	530	**418**	**62**	4	0	0	0	0	0	0	0	1171	26-35	823
10:00	32	34	117	680	378	44	4	0	0	0	0	0	0	0	1289	25-34	939
11:00	38	32	141	**727**	386	50	**5**	0	0	0	0	0	0	0	**1379**	25-34	994
12 PM	73	72	213	769	357	42	2	0	0	0	0	0	0	0	1528	24-33	1006
13:00	54	42	141	761	401	39	2	**1**	0	0	0	0	0	0	1441	25-34	1025
14:00	41	39	182	775	395	34	1	0	0	0	0	0	0	0	1467	25-34	1052
15:00	113	136	297	746	291	23	0	0	0	0	0	0	0	0	1606	23-32	947
16:00	55	91	259	**902**	**404**	37	3	0	0	0	0	0	0	0	**1751**	24-33	1187
17:00	**210**	**329**	**430**	457	162	13	0	0	0	0	0	0	0	0	1601	20-29	700
18:00	33	26	143	712	383	**71**	**6**	0	0	0	0	0	0	0	1374	25-34	984
19:00	24	23	131	528	285	39	2	0	0	0	0	0	0	0	1032	25-34	735
20:00	29	17	97	392	158	18	1	0	0	0	0	0	0	0	712	24-33	503
21:00	17	13	53	275	128	16	2	0	0	0	0	0	0	0	504	25-34	360
22:00	24	8	42	192	118	8	3	0	0	0	0	0	0	0	395	25-34	269
23:00	18	7	25	65	58	6	2	0	0	0	0	0	0	0	181	25-34	103
Total	909	1005	2729	10187	5295	633	44	1	2	0	0	0	0	0	20805		
Percent	4.4%	4.8%	13.1%	49.0%	25.5%	3.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00	07:00	11:00	09:00	09:00	11:00		03:00						11:00		
Vol.	42	60	146	727	418	62	5		1						1379		
PM Peak	17:00	17:00	17:00	16:00	16:00	18:00	18:00	13:00							16:00		
Vol.	210	329	430	902	404	71	6	1							1751		

Eighth St
600 Block, Between Franklin and Railroad Ave
Post-Striping Speed Study

Site Code: 00000001
Station ID:

Latitude: 0' 0.0000 South

Eastbound, Westbound

Start Time	0 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 9999	Total	Pace Speed	Number in Pace
09/26/14	9	5	12	37	19	1	1	0	0	0	0	0	0	0	84	24-33	48
01:00	7	2	6	26	15	2	1	0	0	0	0	0	0	0	59	25-34	34
02:00	2	1	3	25	8	2	0	0	0	0	0	0	0	0	41	25-34	29
03:00	3	1	3	13	9	4	0	0	0	0	0	0	0	0	33	25-34	19
04:00	3	0	8	24	12	4	0	0	0	0	0	0	0	0	51	24-33	33
05:00	4	3	15	71	48	8	2	**3**	0	0	0	0	0	0	154	25-34	105
06:00	10	6	37	184	144	23	1	0	0	0	0	0	0	0	405	26-35	288
07:00	29	20	114	640	313	23	2	0	0	0	0	0	0	0	1141	25-34	856
08:00	21	34	128	704	408	39	4	0	0	0	**1**	0	0	0	1339	25-34	993
09:00	26	38	110	626	389	**66**	**8**	0	0	0	0	0	0	0	1263	25-34	897
10:00	**42**	37	141	670	387	57	3	0	0	0	0	0	0	0	1337	25-34	937
11:00	38	**40**	**157**	**729**	**425**	55	2	0	0	0	0	0	0	0	**1446**	25-34	1027
12 PM	48	70	216	**857**	332	28	0	0	0	0	0	0	0	0	1551	24-33	1091
13:00	65	60	269	678	349	31	1	0	0	0	0	0	0	0	1453	24-33	942
14:00	49	53	196	697	**402**	44	1	**1**	0	0	0	0	0	0	1443	25-34	979
15:00	82	**117**	**314**	682	274	24	1	0	0	0	0	0	0	0	1494	23-32	905
16:00	**113**	116	259	766	318	28	3	0	0	0	0	0	0	0	**1603**	24-33	971
17:00	67	85	204	849	354	20	0	1	0	0	0	**2**	0	0	1582	24-33	1078
18:00	58	36	139	585	376	43	2	0	0	0	0	0	0	0	1239	25-34	839
19:00	32	23	61	384	292	**52**	**4**	0	0	0	0	0	0	0	848	26-35	583
20:00	27	15	66	388	160	18	1	0	0	0	0	0	0	0	675	25-34	490
21:00	22	24	55	292	126	12	0	0	0	0	0	0	0	0	531	25-34	369
22:00	21	11	42	278	151	18	0	0	0	0	0	0	0	0	521	25-34	376
23:00	14	11	38	105	88	17	2	0	0	0	0	0	0	0	275	25-34	167
Total	792	808	2593	10310	5399	619	39	5	0	0	1	2	0	0	20568		
Percent	3.9%	3.9%	12.6%	50.1%	26.2%	3.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	11:00	11:00	11:00	11:00	09:00	09:00	05:00			08:00				11:00		
Vol.	42	40	157	729	425	66	8	3			1				1446		
PM Peak	16:00	15:00	15:00	12:00	14:00	19:00	19:00	14:00				17:00			16:00		
Vol.	113	117	314	857	402	52	4	1				2			1603		

Eighth St

600 Block, Between Franklin and Railroad Ave

Post-Striping Speed Study

Site Code: 00000001
Station ID:

Latitude: 0' 0.0000 South

Eastbound, Westbound

Start Time	0 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 9999	Total	Pace Speed	Number in Pace
09/27/14	15	9	12	69	44	7	1	0	0	0	0	0	0	0	157	25-34	93
01:00	11	9	9	41	26	5	0	0	0	0	0	0	0	0	101	25-34	54
02:00	6	5	7	28	14	7	1	0	0	0	0	0	0	0	68	25-34	36
03:00	1	0	2	10	10	1	0	0	0	0	0	0	0	0	24	26-35	17
04:00	4	0	7	15	11	3	2	0	0	0	0	0	0	0	42	24-33	23
05:00	4	1	5	33	16	2	1	0	0	0	0	0	0	0	62	25-34	43
06:00	8	0	17	63	73	10	0	0	0	0	0	0	0	0	171	26-35	118
07:00	9	6	17	168	127	27	2	**2**	0	0	0	0	0	0	358	26-35	258
08:00	16	12	11	197	230	**66**	**7**	0	0	0	0	0	0	0	539	27-36	374
09:00	31	24	40	318	349	44	1	0	0	0	0	0	0	0	807	26-35	571
10:00	**38**	**34**	87	494	**405**	50	2	0	0	0	0	0	0	0	1110	26-35	774
11:00	34	30	**132**	**557**	351	52	6	0	**1**	0	0	0	0	0	**1163**	25-34	806
12 PM	**53**	**38**	56	**588**	**373**	48	1	0	0	0	0	0	0	0	**1157**	25-34	820
13:00	38	25	84	461	351	54	0	**1**	0	0	0	0	0	0	1014	25-34	702
14:00	27	26	**93**	493	328	**56**	3	0	0	0	0	0	0	0	1026	25-34	723
15:00	34	25	51	425	330	56	**5**	0	0	0	0	0	0	0	926	26-35	649
16:00	31	23	47	423	341	48	3	0	0	0	0	0	0	0	916	26-35	658
17:00	25	21	63	385	276	50	3	0	**1**	0	**1**	0	0	0	825	25-34	575
18:00	21	23	44	298	291	50	1	0	0	0	0	0	0	0	728	26-35	510
19:00	26	31	62	278	213	32	1	0	0	0	0	0	0	0	643	25-34	421
20:00	23	18	72	286	134	8	1	0	0	0	0	0	0	0	542	24-33	376
21:00	26	13	40	230	130	18	2	0	0	0	0	0	0	0	459	25-34	311
22:00	17	9	34	179	84	9	3	0	0	0	0	0	0	0	335	25-34	232
23:00	17	5	22	123	54	7	1	0	0	0	0	0	0	0	229	25-34	154
Total	515	387	1014	6162	4561	710	47	3	2	0	1	0	0	0	13402		
Percent	3.8%	2.9%	7.6%	46.0%	34.0%	5.3%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	10:00	11:00	11:00	10:00	08:00	08:00	07:00	11:00						11:00		
Vol.	38	34	132	557	405	66	7	2	1						1163		
PM Peak	12:00	12:00	14:00	12:00	12:00	14:00	15:00	13:00	17:00		17:00				12:00		
Vol.	53	38	93	588	373	56	5	1	1		1				1157		

Eighth St

600 Block, Between Franklin and Railroad Ave

Post-Striping Speed Study

Site Code: 00000001
Station ID:

Latitude: 0' 0.0000 South

Eastbound, Westbound

Start Time	0 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 9999	Total	Pace Speed	Number in Pace
09/28/14	**25**	4	26	106	51	6	1	0	0	0	0	0	0	0	219	24-33	134
01:00	18	6	9	41	13	4	2	**1**	0	0	0	0	0	0	94	24-33	44
02:00	14	6	6	37	17	2	0	0	0	0	0	0	0	0	82	25-34	43
03:00	5	0	4	18	8	4	0	0	0	0	0	0	0	0	39	25-34	22
04:00	4	2	3	7	10	4	0	0	0	0	0	0	0	0	30	27-36	14
05:00	1	2	4	12	10	4	1	0	0	0	0	0	0	0	34	26-35	19
06:00	3	4	6	67	27	10	0	0	0	0	0	0	0	0	117	25-34	84
07:00	13	5	12	77	44	18	1	0	0	0	0	0	0	0	170	25-34	103
08:00	11	8	15	148	167	40	3	0	0	0	0	0	0	0	392	26-35	275
09:00	7	9	35	210	198	43	4	1	0	0	0	0	0	0	507	26-35	361
10:00	12	14	30	279	**307**	**68**	**9**	0	0	0	0	0	0	0	719	26-35	516
11:00	16	**24**	**48**	**343**	288	57	4	0	0	0	0	0	0	0	**780**	26-35	550
12 PM	20	12	52	**400**	**371**	**66**	3	0	0	0	0	0	0	0	**924**	26-35	677
13:00	29	19	**59**	359	342	56	2	0	0	0	0	0	0	0	866	26-35	608
14:00	22	17	56	292	319	55	5	0	0	0	0	0	0	0	766	26-35	533
15:00	24	18	47	339	312	49	4	0	0	0	0	0	0	0	793	26-35	564
16:00	**30**	**21**	40	353	297	47	5	0	0	0	0	0	0	0	793	26-35	558
17:00	28	18	25	258	313	40	1	0	0	0	0	0	0	0	683	26-35	488
18:00	16	18	40	290	249	62	**7**	0	0	0	0	0	0	0	682	26-35	471
19:00	26	20	30	218	186	28	3	**1**	0	0	0	0	0	0	512	26-35	342
20:00	16	15	32	202	125	26	0	0	0	0	0	0	0	0	416	25-34	284
21:00	12	7	21	166	88	13	0	0	0	0	0	0	0	0	307	25-34	222
22:00	12	7	16	87	58	16	1	1	0	0	0	0	0	0	198	25-34	124
23:00	8	4	5	53	21	7	1	0	0	0	0	0	0	0	99	25-34	63
Total	372	260	621	4362	3821	725	57	4	0	0	0	0	0	0	10222		
Percent	3.6%	2.5%	6.1%	42.7%	37.4%	7.1%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	00:00	11:00	11:00	11:00	10:00	10:00	10:00	01:00							11:00		
Vol.	25	24	48	343	307	68	9	1							780		
PM Peak	16:00	16:00	13:00	12:00	12:00	12:00	18:00	19:00							12:00		
Vol.	30	21	59	400	371	66	7	1							924		

Eighth St

600 Block, Between Franklin and Railroad Ave

Post-Striping Speed Study

Site Code: 00000001
Station ID:

Latitude: 0' 0.0000 South

Eastbound, Westbound

Start Time	0 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 9999	Total	Pace Speed	Number in Pace
09/29/14	7	2	6	37	23	3	1	0	**1**	0	0	0	0	0	80	25-34	50
01:00	2	1	1	16	9	1	0	0	0	0	0	0	0	0	30	25-34	21
02:00	4	0	3	8	4	3	0	0	0	0	0	0	0	0	22	25-34	10
03:00	1	1	3	12	8	0	0	0	0	0	0	0	0	0	25	26-35	17
04:00	1	2	3	26	11	3	0	0	0	0	0	0	0	0	46	24-33	33
05:00	9	2	15	67	39	9	0	0	0	0	0	0	0	0	141	25-34	93
06:00	20	7	19	189	131	17	1	0	0	0	0	0	0	0	384	26-35	272
07:00	17	34	89	643	349	42	1	0	0	0	0	0	0	0	1175	25-34	883
08:00	31	26	129	616	394	**55**	**5**	0	0	0	0	0	0	0	1256	25-34	897
09:00	25	22	79	590	369	51	2	**1**	0	0	0	0	0	0	1139	25-34	845
10:00	22	**45**	109	633	**405**	40	1	0	0	0	0	0	0	0	1255	25-34	914
11:00	**39**	35	**138**	**661**	376	37	1	0	0	0	0	**1**	0	0	**1288**	25-34	920
12 PM	39	41	164	**794**	**402**	**47**	2	0	0	0	0	0	0	0	1489	25-34	1072
13:00	37	59	203	771	326	28	**3**	0	0	0	0	0	0	0	1427	24-33	1006
14:00	119	76	181	653	308	25	0	0	0	0	0	0	0	0	1362	24-33	829
15:00	**256**	205	301	490	185	24	1	0	0	0	0	0	0	0	1462	22-31	621
16:00	255	137	311	631	239	20	3	0	0	**1**	0	0	0	0	**1597**	23-32	780
17:00	229	**245**	**423**	426	112	7	2	0	0	0	**1**	0	0	**1**	1446	20-29	655
18:00	45	19	182	650	288	37	3	**1**	0	0	0	0	0	0	1225	24-33	864
19:00	28	17	66	427	250	32	3	0	0	0	0	0	0	0	823	25-34	595
20:00	21	14	59	331	158	18	2	0	0	0	0	0	0	0	603	25-34	436
21:00	17	6	33	230	122	18	1	0	0	0	0	0	0	0	427	25-34	310
22:00	11	3	22	177	92	10	1	0	0	0	0	0	0	0	316	25-34	238
23:00	10	5	11	79	58	9	0	0	0	0	0	0	0	0	172	25-34	116
Total	1245	1004	2550	9157	4658	536	33	2	1	1	1	1	0	1	19190		
Percent	6.5%	5.2%	13.3%	47.7%	24.3%	2.8%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	10:00	11:00	11:00	10:00	08:00	08:00	09:00	00:00			11:00			11:00		
Vol.	39	45	138	661	405	55	5	1	1			1			1288		
PM Peak	15:00	17:00	17:00	12:00	12:00	12:00	13:00	18:00		16:00	17:00			17:00	16:00		
Vol.	256	245	423	794	402	47	3	1		1	1			1	1597		

Eighth St

600 Block, Between Franklin and Railroad Ave

Post-Striping Speed Study

Site Code: 00000001
Station ID:

Latitude: 0' 0.0000 South

Eastbound, Westbound

Start Time	0 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 9999	Total	Pace Speed	Number in Pace
09/30/14	7	7	10	21	18	4	0	0	0	0	0	0	0	0	67	25-34	32
01:00	3	1	1	23	12	4	2	0	0	0	0	0	0	0	46	25-34	30
02:00	0	1	2	10	9	1	0	0	0	0	0	0	0	0	23	25-34	17
03:00	1	1	4	11	11	2	0	0	0	0	0	0	0	0	30	26-35	19
04:00	1	0	7	28	11	3	2	0	0	0	0	0	0	0	52	24-33	37
05:00	5	3	16	61	39	5	0	0	0	0	0	0	0	0	129	25-34	88
06:00	10	11	32	199	137	6	1	0	0	0	0	0	0	0	396	25-34	293
07:00	33	12	153	629	255	18	1	**1**	0	0	0	0	**1**	0	1103	24-33	819
08:00	**44**	**59**	**169**	**688**	294	31	1	1	0	0	0	0	0	0	1287	24-33	887
09:00	35	23	87	631	358	52	3	0	0	0	0	0	0	0	1189	25-34	872
10:00	31	23	97	627	382	45	**4**	0	0	0	0	0	0	0	1209	25-34	891
11:00	31	27	133	677	**433**	**59**	1	0	0	**1**	0	0	0	0	**1362**	25-34	986
12 PM	36	55	187	**862**	415	**60**	**5**	0	0	0	0	0	0	0	1620	25-34	1150
13:00	39	33	173	809	408	49	3	0	0	0	0	0	0	0	1514	25-34	1096
14:00	47	35	147	752	**495**	57	3	0	0	0	0	0	0	0	1536	25-34	1096
15:00	122	**229**	**452**	562	227	30	1	0	0	0	0	0	0	0	1623	21-30	838
16:00	79	82	256	857	368	33	0	0	0	0	0	0	0	0	1675	24-33	1111
17:00	**168**	214	352	655	299	28	1	0	0	0	0	0	0	0	**1717**	23-32	864
18:00	62	85	165	643	428	48	2	0	0	0	0	0	**1**	0	1434	25-34	925
19:00	26	24	59	468	343	48	3	**1**	0	0	0	0	0	0	972	26-35	703
20:00	18	11	49	345	218	30	1	0	0	0	0	0	0	0	672	25-34	495
21:00	15	7	55	218	123	23	0	0	0	0	0	0	0	0	441	25-34	306
22:00	14	10	19	171	92	22	1	0	0	0	0	0	0	0	329	25-34	228
23:00	2	7	11	55	33	8	0	0	0	0	0	0	0	0	116	25-34	77
Total	829	960	2636	10002	5408	666	35	3	0	1	0	0	2	0	20542		
Percent	4.0%	4.7%	12.8%	48.7%	26.3%	3.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	08:00	08:00	08:00	08:00	11:00	11:00	10:00	07:00		11:00			07:00		11:00		
Vol.	44	59	169	688	433	59	4	1		1			1		1362		
PM Peak	17:00	15:00	15:00	12:00	14:00	12:00	12:00	19:00					18:00		17:00		
Vol.	168	229	452	862	495	60	5	1					1		1717		

Eighth St

600 Block, Between Franklin and Railroad Ave

Post-Striping Speed Study

Site Code: 00000001
Station ID:

Latitude: 0' 0.0000 South

Eastbound, Westbound

Start Time	0 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 9999	Total	Pace Speed	Number in Pace
10/01/14	3	4	5	36	19	6	0	0	0	0	0	0	0	0	73	25-34	48
01:00	3	2	1	30	7	3	0	0	0	0	0	0	0	0	46	25-34	32
02:00	2	1	8	12	13	5	0	**1**	0	0	0	0	0	0	42	27-36	22
03:00	0	1	8	12	7	1	1	0	0	0	0	0	0	0	30	24-33	19
04:00	2	1	9	24	15	4	0	0	0	0	0	0	0	0	55	25-34	35
05:00	3	10	15	58	36	9	2	0	0	0	0	0	0	0	133	25-34	82
06:00	9	10	59	178	131	15	**4**	0	0	0	0	0	0	0	406	25-34	277
07:00	34	**53**	**190**	662	282	26	2	0	0	0	0	0	0	0	1249	24-33	870
08:00	29	18	176	690	**418**	**56**	2	0	0	0	0	0	0	0	1389	25-34	1001
09:00	20	13	94	632	377	53	2	1	0	0	0	0	0	0	1192	25-34	901
10:00	33	22	132	670	395	51	1	0	0	0	0	0	0	0	1304	25-34	950
11:00	**38**	45	180	**746**	402	52	1	0	0	0	0	0	0	0	**1464**	25-34	1030
12 PM	58	70	228	791	400	53	2	0	0	0	0	0	0	0	1602	24-33	1068
13:00	41	31	169	760	**453**	33	2	0	0	0	0	0	0	0	1489	25-34	1081
14:00	51	32	154	801	393	43	2	0	0	0	0	0	0	0	1476	25-34	1065
15:00	**174**	210	343	626	264	22	1	0	0	0	0	0	0	0	1640	23-32	816
16:00	47	46	212	**872**	444	51	**6**	**1**	0	0	0	0	0	0	**1679**	25-34	1185
17:00	170	**233**	**375**	563	240	24	1	0	**1**	0	0	0	0	0	1607	22-31	771
18:00	25	73	108	569	408	**60**	5	0	0	0	0	0	0	0	1248	25-34	846
19:00	42	62	133	477	220	31	2	0	0	0	0	0	0	0	967	24-33	621
20:00	23	22	48	378	212	22	2	0	0	0	0	0	0	0	707	25-34	515
21:00	10	13	64	208	146	18	2	0	0	0	0	0	0	0	461	25-34	317
22:00	6	3	23	103	79	17	2	0	0	0	0	0	0	0	233	25-34	161
23:00	18	10	25	108	64	12	2	0	0	0	0	0	0	0	239	25-34	147
Total	841	985	2759	10006	5425	667	44	3	1	0	0	0	0	0	20731		
Percent	4.1%	4.8%	13.3%	48.3%	26.2%	3.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	07:00	07:00	11:00	08:00	08:00	06:00	02:00							11:00		
Vol.	38	53	190	746	418	56	4	1							1464		
PM Peak	15:00	17:00	17:00	16:00	13:00	18:00	16:00	16:00	17:00						16:00		
Vol.	174	233	375	872	453	60	6	1	1						1679		

Eighth St

600 Block, Between Franklin and Railroad Ave

Post-Striping Speed Study

Site Code: 00000001
Station ID:

Latitude: 0' 0.0000 South

Eastbound, Westbound

Start Time	0 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 9999	Total	Pace Speed	Number in Pace
10/02/14	7	6	10	40	22	10	1	0	0	0	0	0	0	0	96	25-34	53
01:00	4	2	3	25	21	5	0	0	0	0	0	0	0	0	60	26-35	39
02:00	1	0	0	15	19	3	1	**1**	0	0	0	0	0	0	40	26-35	30
03:00	2	0	7	16	10	4	0	0	0	0	0	0	0	0	39	24-33	24
04:00	2	0	5	32	11	5	1	0	0	0	0	0	0	0	56	25-34	39
05:00	8	4	6	59	65	8	3	0	0	0	0	0	0	0	153	26-35	105
06:00	9	4	21	197	139	17	2	0	0	0	0	0	0	0	389	25-34	294
07:00	27	27	133	658	317	25	2	1	0	0	0	0	0	0	1190	25-34	880
08:00	19	16	**185**	**714**	355	55	3	1	0	0	0	0	0	0	1348	25-34	985
09:00	44	35	96	556	**378**	**75**	**6**	1	0	0	0	0	0	0	1191	25-34	811
10:00	**96**	**47**	141	543	355	56	6	1	0	0	0	0	0	0	1245	25-34	765
11:00	85	37	153	683	373	51	2	0	0	0	0	0	0	0	**1384**	25-34	920
12 PM	144	119	305	635	214	24	1	0	0	0	0	0	0	0	1442	23-32	806
13:00	32	38	228	731	382	48	1	**1**	0	0	0	0	0	0	1461	24-33	1020
14:00	52	68	302	723	268	36	4	0	0	0	0	0	0	0	1453	23-32	961
15:00	89	104	237	**884**	314	35	3	0	0	0	0	0	0	0	1666	24-33	1087
16:00	70	66	252	835	399	50	2	0	0	0	0	0	0	0	**1674**	24-33	1116
17:00	**207**	**337**	**411**	499	174	14	0	0	0	0	0	0	0	0	1642	21-30	716
18:00	22	19	75	652	**478**	**61**	**5**	0	0	0	0	0	0	0	1312	26-35	990
19:00	16	21	59	382	339	50	1	0	0	0	0	0	0	0	868	26-35	631
20:00	17	17	50	345	179	32	1	1	0	0	0	0	0	0	642	25-34	465
21:00	11	12	45	240	103	17	2	0	0	0	0	0	0	0	430	25-34	310
22:00	19	11	39	187	127	13	1	1	0	0	0	0	0	0	398	25-34	272
23:00	7	9	16	106	50	10	1	0	0	0	0	0	0	0	199	25-34	137
Total	990	999	2779	9757	5092	704	49	8	0	0	0	0	0	0	20378		
Percent	4.9%	4.9%	13.6%	47.9%	25.0%	3.5%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	10:00	08:00	08:00	09:00	09:00	09:00	02:00							11:00		
Vol.	96	47	185	714	378	75	6	1							1384		
PM Peak	17:00	17:00	17:00	15:00	18:00	18:00	18:00	13:00							16:00		
Vol.	207	337	411	884	478	61	5	1							1674		

Eighth St

600 Block, Between Franklin and Railroad Ave

Post-Striping Speed Study

Site Code: 00000001
Station ID:

Latitude: 0' 0.0000 South

Eastbound, Westbound

Start Time	0 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 9999	Total	Pace Speed	Number in Pace
10/03/14	9	4	14	29	19	2	1	0	0	0	0	0	0	0	78	24-33	41
01:00	10	2	8	30	17	2	1	0	0	0	0	0	0	0	70	25-34	39
02:00	3	2	3	15	6	3	0	0	0	0	0	0	0	0	32	24-33	18
03:00	24	2	5	9	10	1	0	0	0	0	0	0	0	0	51	5-14	25
04:00	20	2	15	21	14	3	2	0	0	0	0	0	0	0	77	23-32	29
05:00	15	4	13	67	53	6	1	1	0	0	0	0	0	0	160	26-35	99
06:00	13	5	22	190	128	10	0	0	0	0	0	0	0	0	368	25-34	276
07:00	30	56	**155**	587	252	28	1	0	0	0	0	0	0	0	1109	24-33	764
08:00	49	20	149	647	**370**	38	2	1	0	0	0	0	0	0	1276	25-34	905
09:00	43	17	110	473	310	**43**	1	0	0	0	0	0	0	0	997	25-34	688
10:00	**309**	**79**	85	395	296	37	4	0	0	0	0	0	0	0	1205	25-34	506
11:00	92	47	149	**655**	351	28	**5**	**2**	0	0	0	0	0	0	**1329**	25-34	869
12 PM	100	117	311	690	289	30	**4**	1	0	0	0	0	0	0	1542	23-32	910
13:00	95	112	288	597	233	18	1	1	0	0	**1**	0	0	0	1346	23-32	786
14:00	64	31	150	653	342	32	4	0	0	0	0	0	0	0	1276	25-34	878
15:00	93	143	301	599	202	19	1	0	**1**	0	1	0	0	0	1360	23-32	777
16:00	194	256	320	446	99	10	4	**2**	0	0	0	**1**	0	0	1332	21-30	591
17:00	81	141	318	745	265	16	1	0	0	0	0	0	0	0	**1567**	23-32	959
18:00	**215**	**257**	**341**	495	161	28	1	0	0	**1**	0	0	0	0	1499	21-30	655
19:00	30	33	115	**767**	**371**	**39**	2	0	0	0	0	0	0	0	1357	25-34	1017
20:00	12	15	59	440	270	34	2	0	0	0	0	0	0	0	832	25-34	630
21:00	21	9	42	306	139	17	1	0	0	0	0	0	0	0	535	25-34	394
22:00	21	20	77	379	209	19	2	0	0	0	0	0	0	0	727	25-34	523
23:00	24	21	46	306	127	22	3	0	0	1	0	0	0	0	550	25-34	382
Total	1567	1395	3096	9541	4533	485	44	8	1	2	2	1	0	0	20675		
Percent	7.6%	6.7%	15.0%	46.1%	21.9%	2.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	10:00	07:00	11:00	08:00	09:00	11:00	11:00							11:00		
Vol.	309	79	155	655	370	43	5	2							1329		
PM Peak	18:00	18:00	18:00	19:00	19:00	19:00	12:00	16:00	15:00	18:00	13:00	16:00			17:00		
Vol.	215	257	341	767	371	39	4	2	1	1	1	1			1567		

Eighth St

600 Block, Between Franklin and Railroad Ave

Post-Striping Speed Study

Site Code: 00000001
Station ID:

Latitude: 0' 0.0000 South

Eastbound, Westbound

Start Time	0 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 9999	Total	Pace Speed	Number in Pace
10/04/14	10	9	15	59	42	11	1	1	0	0	0	0	0	0	148	25-34	85
01:00	6	4	13	32	26	5	0	0	0	0	0	0	0	0	86	25-34	50
02:00	10	8	7	18	23	6	1	0	0	0	0	0	0	0	73	27-36	32
03:00	3	0	7	14	13	1	0	0	0	0	0	0	0	0	38	25-34	24
04:00	0	0	4	11	9	3	2	0	0	0	0	0	0	0	29	26-35	18
05:00	1	1	8	30	18	0	2	1	0	0	0	0	0	0	61	25-34	43
06:00	6	4	18	77	57	9	0	0	0	0	0	0	0	0	171	25-34	117
07:00	9	3	17	144	91	22	0	0	0	0	0	0	0	0	286	25-34	206
08:00	25	12	13	194	253	54	3	0	0	0	0	0	0	0	554	27-36	386
09:00	29	13	42	308	363	55	5	1	0	0	0	0	0	0	816	26-35	581
10:00	25	28	70	464	387	56	3	0	0	0	0	0	0	0	1033	26-35	740
11:00	**42**	**30**	**80**	**537**	**444**	**58**	**7**	**3**	0	0	0	0	0	0	**1201**	26-35	846
12 PM	26	**34**	**92**	**652**	**469**	61	7	0	0	0	0	0	0	0	**1341**	25-34	979
13:00	30	28	84	561	446	64	7	0	0	**1**	0	0	0	0	1221	26-35	877
14:00	23	13	67	533	409	69	8	**1**	0	0	0	0	0	0	1123	26-35	827
15:00	26	12	51	465	452	**89**	5	1	0	0	0	0	0	0	1101	26-35	804
16:00	29	27	47	399	429	88	3	0	0	0	0	0	0	0	1022	26-35	719
17:00	15	14	50	399	374	63	**9**	0	0	0	0	0	0	0	924	26-35	680
18:00	14	10	38	335	297	64	8	0	0	0	0	0	0	0	766	26-35	557
19:00	25	8	48	308	197	30	4	0	0	0	0	0	0	0	620	25-34	441
20:00	**50**	13	53	239	137	13	0	0	0	0	0	0	0	0	505	25-34	318
21:00	13	13	50	182	98	14	1	0	0	0	0	0	0	0	371	25-34	250
22:00	20	5	44	209	78	8	2	0	0	0	0	0	0	0	366	24-33	260
23:00	25	11	28	151	99	9	0	0	0	0	0	0	0	0	323	25-34	211
Total	462	300	946	6321	5211	852	78	8	0	1	0	0	0	0	14179		
Percent	3.3%	2.1%	6.7%	44.6%	36.8%	6.0%	0.6%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00							11:00		
Vol.	42	30	80	537	444	58	7	3							1201		
PM Peak	20:00	12:00	12:00	12:00	12:00	15:00	17:00	14:00		13:00					12:00		
Vol.	50	34	92	652	469	89	9	1		1					1341		

Eighth St

600 Block, Between Franklin and Railroad Ave

Post-Striping Speed Study

Site Code: 00000001
Station ID:

Latitude: 0' 0.0000 South

Eastbound, Westbound

Start Time	0 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 9999	Total	Pace Speed	Number in Pace
10/05/14	18	7	13	88	37	3	1	0	0	0	0	0	0	0	167	25-34	105
01:00	12	4	11	42	22	7	0	0	0	0	0	0	0	0	98	25-34	54
02:00	6	4	4	20	22	2	1	0	0	0	0	0	0	0	59	26-35	34
03:00	1	0	3	20	7	2	1	0	0	0	0	0	0	0	34	24-33	25
04:00	1	2	3	11	5	0	1	0	0	0	0	0	0	0	23	24-33	14
05:00	2	0	5	17	12	2	0	0	0	0	0	0	0	0	38	25-34	26
06:00	1	1	11	44	32	2	0	0	0	0	0	0	0	0	91	25-34	68
07:00	7	3	18	79	64	7	2	0	0	0	0	0	0	0	180	25-34	124
08:00	5	6	26	150	111	33	3	**1**	0	0	0	0	0	0	335	26-35	232
09:00	12	9	26	210	183	38	5	0	0	0	0	0	0	0	483	26-35	343
10:00	**27**	14	42	244	287	54	6	0	**1**	0	0	0	0	0	675	26-35	459
11:00	20	**16**	**51**	**326**	**319**	**68**	**7**	0	0	0	0	0	0	0	**807**	26-35	565
12 PM	18	18	**65**	**460**	339	58	7	0	0	0	0	0	0	0	**965**	26-35	701
13:00	18	24	47	346	350	67	7	0	0	0	0	0	0	0	859	26-35	607
14:00	26	17	28	344	**361**	64	4	**1**	0	0	0	0	0	0	845	26-35	610
15:00	**27**	**25**	22	303	358	69	**9**	1	0	0	0	0	0	0	814	26-35	569
16:00	20	12	23	294	357	69	7	0	0	0	0	0	0	0	782	26-35	568
17:00	20	12	47	259	271	**85**	5	1	0	0	0	0	0	0	700	26-35	468
18:00	25	16	44	261	286	50	3	0	0	0	0	0	0	0	685	26-35	473
19:00	21	22	43	255	158	30	0	0	0	0	0	0	0	0	529	25-34	358
20:00	14	8	32	173	126	21	2	0	0	0	0	0	0	0	376	25-34	260
21:00	7	14	28	125	57	18	1	0	0	0	0	0	0	0	250	25-34	163
22:00	8	5	7	91	55	7	1	0	0	0	0	0	0	0	174	25-34	125
23:00	12	3	7	65	30	6	2	0	0	0	0	0	0	0	125	25-34	80
Total	328	242	606	4227	3849	762	75	4	1	0	0	0	0	0	10094		
Percent	3.2%	2.4%	6.0%	41.9%	38.1%	7.5%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	10:00	11:00	11:00	11:00	11:00	11:00	11:00	08:00	10:00						11:00		
Vol.	27	16	51	326	319	68	7	1	1						807		
PM Peak	15:00	15:00	12:00	12:00	14:00	17:00	15:00	14:00							12:00		
Vol.	27	25	65	460	361	85	9	1							965		

Eighth St
600 Block, Between Franklin and Railroad Ave
Post-Striping Speed Study

Site Code: 00000001
Station ID:

Latitude: 0' 0.0000 South

Eastbound, Westbound

Start Time	0 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 9999	Total	Pace Speed	Number in Pace
10/06/14	4	5	5	21	15	2	0	0	0	0	0	0	0	0	52	25-34	30
01:00	0	3	5	12	3	7	0	0	0	0	0	0	0	0	30	24-33	15
02:00	0	1	1	9	6	1	0	0	0	0	0	0	0	0	18	26-35	13
03:00	1	3	5	12	3	2	0	0	0	0	0	0	0	0	26	22-31	15
04:00	0	0	8	21	12	0	0	0	0	0	0	0	0	0	41	25-34	31
05:00	7	5	9	73	53	16	2	0	0	0	0	0	0	0	165	26-35	109
06:00	11	9	23	179	133	12	2	0	0	0	0	0	0	0	369	26-35	269
07:00	25	27	156	623	321	42	3	0	0	0	0	0	0	0	1197	25-34	857
08:00	28	32	**157**	642	414	47	**4**	0	0	0	0	0	0	0	1324	25-34	943
09:00	29	35	91	552	421	57	3	0	0	0	0	0	0	0	1188	26-35	845
10:00	37	29	92	649	390	46	4	0	0	0	0	0	0	0	1247	25-34	911
11:00	**39**	**37**	103	**682**	**489**	**63**	1	0	0	0	0	0	0	0	**1414**	25-34	1018
12 PM	45	58	173	798	438	**73**	**6**	**1**	0	0	0	0	0	0	1592	25-34	1099
13:00	51	29	177	797	386	42	2	0	**1**	0	0	0	0	0	1485	25-34	1063
14:00	69	54	175	719	390	56	3	0	0	0	0	0	0	0	1466	25-34	976
15:00	101	82	242	770	345	45	4	0	0	0	0	0	0	0	1589	24-33	997
16:00	52	83	221	**848**	417	46	3	0	1	0	0	0	0	0	**1671**	24-33	1130
17:00	**144**	**278**	**381**	558	222	24	3	0	0	0	0	0	0	0	1610	22-31	768
18:00	54	59	127	569	**448**	70	2	1	0	0	0	0	0	0	1330	25-34	872
19:00	25	15	59	411	285	67	4	0	0	0	0	0	0	0	866	25-34	609
20:00	26	18	49	333	190	17	0	0	0	0	0	0	0	0	633	25-34	455
21:00	14	9	25	183	123	20	1	1	0	0	0	0	0	0	376	25-34	265
22:00	14	11	37	141	94	9	1	0	0	0	0	0	0	0	307	25-34	205
23:00	7	9	16	57	38	11	3	0	0	0	0	0	0	0	141	25-34	82
Total	783	891	2337	9659	5636	775	51	3	2	0	0	0	0	0	20137		
Percent	3.9%	4.4%	11.6%	48.0%	28.0%	3.8%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	11:00	11:00	08:00	11:00	11:00	11:00	08:00								11:00		
Vol.	39	37	157	682	489	63	4								1414		
PM Peak	17:00	17:00	17:00	16:00	18:00	12:00	12:00	12:00	13:00						16:00		
Vol.	144	278	381	848	448	73	6	1	1						1671		

Eighth St

600 Block, Between Franklin and Railroad Ave

Post-Striping Speed Study

Site Code: 00000001
Station ID:

Latitude: 0' 0.0000 South

Eastbound, Westbound

Start Time	0 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 9999	Total	Pace Speed	Number in Pace
10/07/14	2	1	5	34	18	6	1	0	0	0	0	0	0	0	67	25-34	46
01:00	0	0	3	19	12	4	0	0	0	0	0	0	0	0	38	26-35	28
02:00	4	3	1	11	8	1	2	**1**	0	0	0	0	0	0	31	25-34	15
03:00	0	1	5	15	8	7	0	0	0	0	0	0	0	0	36	24-33	22
04:00	7	3	9	21	16	4	0	0	0	0	0	0	0	0	60	24-33	31
05:00	3	6	11	78	43	8	4	0	0	0	0	0	0	0	153	25-34	107
06:00	8	10	28	201	126	22	1	0	0	0	0	0	0	0	396	25-34	288
07:00	**57**	**80**	**231**	607	258	22	1	0	0	0	0	0	0	0	1256	24-33	800
08:00	38	30	171	**722**	361	47	1	0	**2**	0	0	0	0	0	1372	25-34	978
09:00	22	32	103	572	412	59	2	0	0	0	0	0	0	0	1202	25-34	865
10:00	36	36	108	641	396	**63**	**7**	0	0	0	0	0	0	0	1287	25-34	912
11:00	46	38	231	655	**415**	50	2	0	0	0	0	0	0	0	**1437**	25-34	964
12 PM	58	97	292	800	310	19	1	0	0	0	0	0	0	0	1577	24-33	1040
13:00	57	57	221	764	386	37	**2**	0	0	0	0	0	0	0	1524	24-33	1034
14:00	55	45	223	**804**	354	27	1	0	0	0	0	0	0	0	1509	24-33	1059
15:00	188	243	394	567	154	17	1	0	0	0	0	0	0	0	1564	21-30	761
16:00	74	96	304	756	367	22	1	0	0	0	0	0	0	0	1620	24-33	1030
17:00	**226**	**274**	**418**	581	150	12	0	0	0	0	0	0	0	0	**1661**	21-30	781
18:00	29	28	127	672	**398**	**50**	1	**1**	0	0	0	0	0	0	1306	25-34	953
19:00	28	27	83	496	281	38	2	0	0	0	0	0	0	0	955	25-34	685
20:00	17	20	92	381	167	16	0	0	0	0	0	0	0	0	693	24-33	501
21:00	11	12	48	226	141	12	0	0	0	0	0	0	0	0	450	25-34	325
22:00	22	12	30	155	88	18	0	0	0	0	0	0	0	0	325	25-34	208
23:00	9	7	18	58	38	5	0	0	0	0	0	0	0	0	135	25-34	83
Total	997	1158	3156	9836	4907	566	30	2	2	0	0	0	0	0	20654		
Percent	4.8%	5.6%	15.3%	47.6%	23.8%	2.7%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00	07:00	08:00	11:00	10:00	10:00	02:00	08:00						11:00		
Vol.	57	80	231	722	415	63	7	1	2						1437		
PM Peak	17:00	17:00	17:00	14:00	18:00	18:00	13:00	18:00							17:00		
Vol.	226	274	418	804	398	50	2	1							1661		

Eighth St

600 Block, Between Franklin and Railroad Ave

Post-Striping Speed Study

Site Code: 00000001
Station ID:

Latitude: 0' 0.0000 South

Eastbound, Westbound

Start Time	0 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 9999	Total	Pace Speed	Number in Pace
10/08/14	6	7	8	31	21	4	0	0	0	0	0	0	0	0	77	25-34	43
01:00	1	0	3	21	13	6	0	0	0	0	0	0	0	0	44	26-35	30
02:00	1	0	3	9	13	2	1	0	0	0	0	0	0	0	29	27-36	19
03:00	1	2	1	21	10	0	0	0	0	0	0	0	0	0	35	25-34	27
04:00	2	2	5	23	10	6	1	0	0	0	0	0	0	0	49	25-34	30
05:00	4	5	9	70	51	10	1	0	0	0	0	0	0	0	150	25-34	105
06:00	14	7	46	215	99	21	0	0	0	0	0	0	0	0	402	25-34	283
07:00	**58**	**99**	**217**	599	236	16	0	0	0	0	0	0	0	0	1225	24-33	767
08:00	50	53	143	**695**	361	47	1	0	0	0	0	0	0	0	**1350**	25-34	932
09:00	36	19	89	625	372	**48**	3	0	0	0	0	0	0	0	1192	25-34	878
10:00	40	23	164	671	**385**	36	**5**	0	0	0	0	0	0	0	1324	25-34	946
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	213	217	688	2980	1571	196	12	0	0	0	0	0	0	0	5877		
Percent	3.6%	3.7%	11.7%	50.7%	26.7%	3.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak	07:00	07:00	07:00	08:00	10:00	09:00	10:00								08:00		
Vol.	58	99	217	695	385	48	5								1350		
PM Peak Vol.																	
Total	11721	11637	30677	119447	68584	9225	658	55	13	6	5	4	2	1	252035		
Percent	4.7%	4.6%	12.2%	47.4%	27.2%	3.7%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			

15th Percentile :	19 MPH
50th Percentile :	27 MPH
85th Percentile :	32 MPH
95th Percentile :	35 MPH

Stats

10 MPH Pace Speed :	25-34 MPH
Number in Pace :	164601
Percent in Pace :	65.3%
Number of Vehicles > 25 MPH :	198000
Percent of Vehicles > 25 MPH :	78.6%
Mean Speed(Average) :	27 MPH