Intersection Traffic Counts

Intersection: TH-55 & Main St
Start Date: Thu, Sep 27, 2018
Duration: 6-9,11-13,15-18:00

Prepared by: Associated Consulting Services LLC
www.acsteam.com
(612) 568-3227

All Vehicles (6-9,11-13,15-18:00) at TH-55 & Main St

Start Time	Main St North Leg (Southbound)						TH-55 East Leg (Westbound)						Main St South Leg (Northbound)						TH-55 West Leg (Eastbound)						15-min Veh Total	15-min Ped* Total
	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*		
6:00	-	25	-	-	**25**	-	-	2	23	4	**29**	-	-	1	5	15	**21**	-	-	32	212	-	**244**	-	**319**	**-**
6:15	-	43	2	2	**47**	-	-	3	35	4	**42**	-	-	-	9	22	**31**	-	-	38	249	-	**287**	-	**407**	**-**
6:30	-	34	2	6	**42**	-	-	4	51	20	**75**	-	-	4	8	20	**32**	-	-	36	262	-	**298**	-	**447**	**-**
6:45	-	38	6	7	**51**	-	-	2	47	15	**64**	-	-	5	9	13	**27**	-	-	32	273	-	**305**	-	**447**	**-**
7:00	-	48	5	10	**63**	-	-	6	56	12	**74**	-	-	-	7	28	**35**	-	-	25	244	2	**271**	1	**443**	**1**
7:15	-	66	3	13	**82**	-	-	8	61	16	**85**	-	-	5	15	30	**50**	1	-	33	251	-	**284**	1	**501**	**2**
7:30	-	61	9	12	**82**	-	-	4	68	18	**90**	-	-	9	14	25	**48**	-	-	22	280	1	**303**	-	**523**	**-**
7:45	-	73	9	12	**94**	-	-	10	74	15	**99**	-	-	1	6	33	**40**	-	1	20	229	-	**250**	-	**483**	**-**
8:00	-	28	3	6	**37**	-	-	9	82	8	**99**	1	-	2	2	18	**22**	-	-	20	203	1	**224**	-	**382**	**1**
8:15	-	33	4	5	**42**	-	-	7	67	11	**85**	-	-	3	9	11	**23**	-	-	16	171	2	**189**	-	**339**	**-**
8:30	-	31	3	8	**42**	-	-	4	60	16	**80**	-	-	2	7	12	**21**	-	-	14	115	-	**129**	-	**272**	**-**
8:45	-	31	2	7	**40**	-	-	6	64	12	**82**	-	-	1	9	12	**22**	-	1	12	111	-	**124**	-	**268**	**-**
9:00	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	**-**	**-**
9:15	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	**-**	**-**
9:30	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	**-**	**-**
9:45	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	**-**	**-**
10:00	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	**-**	**-**
10:15	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	**-**	**-**
10:30	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	**-**	**-**
10:45	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	**-**	**-**
11:00	-	21	2	4	**27**	-	-	9	76	17	**102**	-	-	-	3	8	**11**	1	-	12	99	2	**113**	-	**253**	**1**
11:15	-	12	4	12	**28**	-	1	7	59	12	**79**	-	-	1	1	7	**9**	-	1	8	86	-	**95**	-	**211**	**-**
11:30	-	16	4	6	**26**	-	-	7	83	17	**107**	-	-	3	-	6	**9**	1	-	15	80	-	**95**	2	**237**	**3**
11:45	-	16	3	7	**26**	-	-	10	65	13	**88**	-	-	-	2	7	**9**	1	-	9	81	3	**93**	-	**216**	**1**
12:00	-	16	3	7	**26**	-	-	6	75	16	**97**	-	-	-	3	7	**10**	-	-	8	89	1	**98**	-	**231**	**-**
12:15	-	16	4	10	**30**	-	-	7	75	17	**99**	-	-	3	3	7	**13**	-	-	9	82	1	**92**	-	**234**	**-**
12:30	-	22	1	9	**32**	-	-	11	78	13	**102**	-	-	2	1	3	**6**	-	1	15	83	1	**100**	-	**240**	**-**
12:45	-	19	7	12	**38**	-	-	15	84	17	**116**	-	-	2	4	9	**15**	1	-	14	77	1	**92**	-	**261**	**1**
13:00	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	**-**	**-**
13:15	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	**-**	**-**
13:30	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	**-**	**-**
13:45	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	**-**	**-**
14:00	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	**-**	**-**
14:15	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	**-**	**-**
14:30	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	**-**	**-**
14:45	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	-	-	-	-	**-**	-	**-**	**-**
15:00	-	18	13	15	**46**	-	-	31	186	32	**249**	1	-	2	7	15	**24**	2	2	10	94	1	**107**	3	**426**	**6**
15:15	-	24	9	13	**46**	-	-	29	224	30	**283**	-	-	4	5	9	**18**	-	-	14	76	1	**91**	-	**438**	**-**
15:30	-	24	5	13	**42**	1	-	29	217	31	**277**	-	-	4	8	12	**24**	1	-	17	86	1	**104**	1	**447**	**3**
15:45	-	28	15	18	**61**	-	-	34	284	46	**364**	-	-	6	8	10	**24**	-	1	17	91	1	**110**	-	**559**	**-**
16:00	-	25	12	10	**47**	-	-	33	246	36	**315**	-	-	4	14	11	**29**	-	-	18	81	2	**101**	-	**492**	**-**
16:15	-	21	10	17	**48**	-	-	27	281	50	**358**	1	-	4	12	7	**23**	-	-	19	83	1	**103**	-	**532**	**1**
16:30	-	24	9	14	**47**	-	-	31	306	42	**379**	-	-	7	7	8	**22**	-	-	22	99	2	**123**	-	**571**	**-**
16:45	-	29	13	15	**57**	-	-	32	271	51	**354**	-	-	7	10	9	**26**	-	-	13	112	-	**125**	1	**562**	**1**
17:00	-	33	8	19	**60**	-	-	48	304	42	**394**	-	-	7	4	8	**19**	-	-	25	87	1	**113**	1	**586**	**1**
17:15	-	37	14	20	**71**	-	-	23	267	40	**330**	-	-	5	6	13	**24**	-	-	13	77	2	**92**	-	**517**	**-**
17:30	-	26	2	6	**34**	-	-	30	267	43	**340**	-	-	3	8	8	**19**	-	-	12	95	2	**109**	-	**502**	**-**
17:45	-	19	14	13	**46**	-	-	36	205	45	**286**	-	-	3	10	8	**21**	-	-	23	83	1	**107**	-	**460**	**-**
Total	-	957	200	328	**1485**	1	1	520	4341	761	**5623**	3	-	100	216	411	**727**	8	7	593	4341	30	**4971**	10	**12806**	**22**
% App	-	64%	13%	22%	**100%**	-	0%	9%	77%	14%	**100%**	-	-	14%	30%	57%	**100%**	-	0%	12%	87%	1%	**100%**	-	**-**	**-**
% Total	-	7%	2%	3%	**12%**	5%	0%	4%	34%	6%	**44%**	14%	-	1%	2%	3%	**6%**	36%	0%	5%	34%	0%	**39%**	45%	**100%**	**100%**
Passenger Vehicles	-	905	193	307	**1405**	-	1	513	4170	707	**5391**	-	-	95	208	403	**706**	-	7	569	4173	26	**4775**	-	**12277**	**-**
Passenger Vehicles %	-	95%	97%	94%	**95%**	-	100%	99%	96%	93%	**96%**	-	-	95%	96%	98%	**97%**	-	100%	96%	96%	87%	**96%**	-	**96%**	**-**
HC Vehicles	-	52	7	21	**80**	-	-	7	171	54	**232**	-	-	5	8	8	**21**	-	-	24	168	4	**196**	-	**529**	**-**
HC Vehicles %	-	5%	4%	6%	**5%**	-	-	1%	4%	7%	**4%**	-	-	5%	4%	2%	**3%**	-	-	4%	4%	13%	**4%**	-	**4%**	**-**

U = U-Turn, L = Left, T = Thru, R = Right, App = Approach Total
Ped* = pedestrians and bicyclists on crosswalk
% App = percentage of specific movement total in relation to its approach total
% Total = percentage of specific movement total in relation to its intersection total
Passenger Vehicles % = percentage of passenger vehicle total in a specific movement
HC Vehicles % = percentage of heavy commercial vehicle total in a specific movement
dash (-) in the table indicates zero or not applicable

Intersection Traffic Counts

Intersection: TH-55 & Main St
Start Date: Thu, Sep 27, 2018
Duration: 6-9,11-13,15-18:00

Prepared by: Associated Consulting Services LLC
www.acsteam.com
(612) 568-3227

All Vehicles_AM Peak (7:00AM-8:00AM) at TH-55 & Main St

Start Time	Main St North Leg (Southbound)						TH-55 East Leg (Westbound)						Main St South Leg (Northbound)						TH-55 West Leg (Eastbound)						15-min Veh Total	15-min Ped* Total
	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*		
7:00	-	48	5	10	**63**	-	-	6	56	12	**74**	-	-	-	7	28	**35**	-	-	25	244	2	**271**	1	**443**	**1**
7:15	-	66	3	13	**82**	-	-	8	61	16	**85**	-	-	5	15	30	**50**	1	-	33	251	-	**284**	1	**501**	**2**
7:30	-	61	9	12	**82**	-	-	4	68	18	**90**	-	-	9	14	25	**48**	-	-	22	280	1	**303**	-	**523**	**-**
7:45	-	73	9	12	**94**	-	-	10	74	15	**99**	-	-	1	6	33	**40**	-	1	20	229	-	**250**	-	**483**	**-**
Total	-	248	26	47	**321**	-	-	28	259	61	**348**	-	-	15	42	116	**173**	1	1	100	1004	3	**1108**	2	**1950**	**3**
% App	-	77%	8%	15%	**100%**	-	-	8%	74%	18%	**100%**	-	-	9%	24%	67%	**100%**	-	0%	9%	91%	0%	**100%**	-	**-**	**-**
% Total	-	13%	1%	2%	**16%**	-	-	1%	13%	3%	**18%**	-	-	1%	2%	6%	**9%**	33%	0%	5%	51%	0%	**57%**	67%	**100%**	**100%**
PHF	-	0.849	0.722	0.904	**0.854**	-	-	0.700	0.875	0.847	**0.879**	-	-	0.417	0.700	0.879	**0.865**	-	0.250	0.758	0.896	0.375	**0.914**	-	**0.932**	**-**
Passenger Vehicles	-	238	24	43	**305**	-	-	25	242	52	**319**	-	-	12	38	114	**164**	-	1	96	983	3	**1083**	-	**1871**	**-**
Passenger Vehicles %	-	96%	92%	91%	**95%**	-	-	89%	93%	85%	**92%**	-	-	80%	90%	98%	**95%**	-	100%	96%	98%	100%	**98%**	-	**96%**	**-**
HC Vehicles	-	10	2	4	**16**	-	-	3	17	9	**29**	-	-	3	4	2	**9**	-	-	4	21	-	**25**	-	**79**	**-**
HC Vehicles %	-	4%	8%	9%	**5%**	-	-	11%	7%	15%	**8%**	-	-	20%	10%	2%	**5%**	-	-	4%	2%	-	**2%**	-	**4%**	**-**

All Vehicles_Midday Peak (12:00PM-1:00PM) at TH-55 & Main St

Start Time	Main St North Leg (Southbound)						TH-55 East Leg (Westbound)						Main St South Leg (Northbound)						TH-55 West Leg (Eastbound)						15-min Veh Total	15-min Ped* Total
	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*		
12:00	-	16	3	7	**26**	-	-	6	75	16	**97**	-	-	-	3	7	**10**	-	-	8	89	1	**98**	-	**231**	**-**
12:15	-	16	4	10	**30**	-	-	7	75	17	**99**	-	-	3	3	7	**13**	-	-	9	82	1	**92**	-	**234**	**-**
12:30	-	22	1	9	**32**	-	-	11	78	13	**102**	-	-	2	1	3	**6**	-	1	15	83	1	**100**	-	**240**	**-**
12:45	-	19	7	12	**38**	-	-	15	84	17	**116**	-	-	2	4	9	**15**	1	-	14	77	1	**92**	-	**261**	**1**
Total	-	73	15	38	**126**	-	-	39	312	63	**414**	-	-	7	11	26	**44**	1	1	46	331	4	**382**	-	**966**	**1**
% App	-	58%	12%	30%	**100%**	-	-	9%	75%	15%	**100%**	-	-	16%	25%	59%	**100%**	-	0%	12%	87%	1%	**100%**	-	**-**	**-**
% Total	-	8%	2%	4%	**13%**	-	-	4%	32%	7%	**43%**	-	-	1%	1%	3%	**5%**	100%	0%	5%	34%	0%	**40%**	-	**100%**	**100%**
PHF	-	0.830	0.536	0.792	**0.829**	-	-	0.650	0.929	0.926	**0.892**	-	-	0.583	0.688	0.722	**0.733**	-	0.250	0.767	0.930	1.000	**0.955**	-	**0.925**	**-**
Passenger Vehicles	-	63	14	35	**112**	-	-	39	290	50	**379**	-	-	7	11	25	**43**	-	1	45	305	3	**354**	-	**888**	**-**
Passenger Vehicles %	-	86%	93%	92%	**89%**	-	-	100%	93%	79%	**92%**	-	-	100%	100%	96%	**98%**	-	100%	98%	92%	75%	**93%**	-	**92%**	**-**
HC Vehicles	-	10	1	3	**14**	-	-	-	22	13	**35**	-	-	-	-	1	**1**	-	-	1	26	1	**28**	-	**78**	**-**
HC Vehicles %	-	14%	7%	8%	**11%**	-	-	-	7%	21%	**8%**	-	-	-	-	4%	**2%**	-	-	2%	8%	25%	**7%**	-	**8%**	**-**

All Vehicles_PM Peak (4:15PM-5:15PM) at TH-55 & Main St

Start Time	Main St North Leg (Southbound)						TH-55 East Leg (Westbound)						Main St South Leg (Northbound)						TH-55 West Leg (Eastbound)						15-min Veh Total	15-min Ped* Total
	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*		
16:15	-	21	10	17	**48**	-	-	27	281	50	**358**	1	-	4	12	7	**23**	-	-	19	83	1	**103**	-	**532**	**1**
16:30	-	24	9	14	**47**	-	-	31	306	42	**379**	-	-	7	7	8	**22**	-	-	22	99	2	**123**	-	**571**	**-**
16:45	-	29	13	15	**57**	-	-	32	271	51	**354**	-	-	7	10	9	**26**	-	-	13	112	-	**125**	1	**562**	**1**
17:00	-	33	8	19	**60**	-	-	48	304	42	**394**	-	-	7	4	8	**19**	-	-	25	87	1	**113**	1	**586**	**1**
Total	-	107	40	65	**212**	-	-	138	1162	185	**1485**	1	-	25	33	32	**90**	-	-	79	381	4	**464**	2	**2251**	**3**
% App	-	50%	19%	31%	**100%**	-	-	9%	78%	12%	**100%**	-	-	28%	37%	36%	**100%**	-	-	17%	82%	1%	**100%**	-	**-**	**-**
% Total	-	5%	2%	3%	**9%**	-	-	6%	52%	8%	**66%**	33%	-	1%	1%	1%	**4%**	-	-	4%	17%	0%	**21%**	67%	**100%**	**100%**
PHF	-	0.811	0.769	0.855	**0.883**	-	-	0.719	0.949	0.907	**0.942**	-	-	0.893	0.688	0.889	**0.865**	-	-	0.790	0.850	0.500	**0.928**	-	**0.960**	**-**
Passenger Vehicles	-	105	40	64	**209**	-	-	138	1142	176	**1456**	-	-	25	33	32	**90**	-	-	76	373	4	**453**	-	**2208**	**-**
Passenger Vehicles %	-	98%	100%	98%	**99%**	-	-	100%	98%	95%	**98%**	-	-	100%	100%	100%	**100%**	-	-	96%	98%	100%	**98%**	-	**98%**	**-**
HC Vehicles	-	2	-	1	**3**	-	-	-	20	9	**29**	-	-	-	-	-	**-**	-	-	3	8	-	**11**	-	**43**	**-**
HC Vehicles %	-	2%	-	2%	**1%**	-	-	-	2%	5%	**2%**	-	-	-	-	-	**-**	-	-	4%	2%	-	**2%**	-	**2%**	**-**

U = U-Turn, L = Left, T = Thru, R = Right, App = Approach Total
Ped* = pedestrians and bicyclists on crosswalk
% App = percentage of specific movement total in relation to its approach total
% Total = percentage of specific movement total in relation to its intersection total
Passenger Vehicles % = percentage of passenger vehicle total in a specific movement
HC Vehicles % = percentage of heavy commercial vehicle total in a specific movement
dash (-) in the table indicates zero or not applicable

Intersection Traffic Counts

Intersection: TH-55 & Main St
Start Date: Thu, Sep 27, 2018
Duration: 6-9,11-13,15-18:00

Prepared by: Associated Consulting Services LLC
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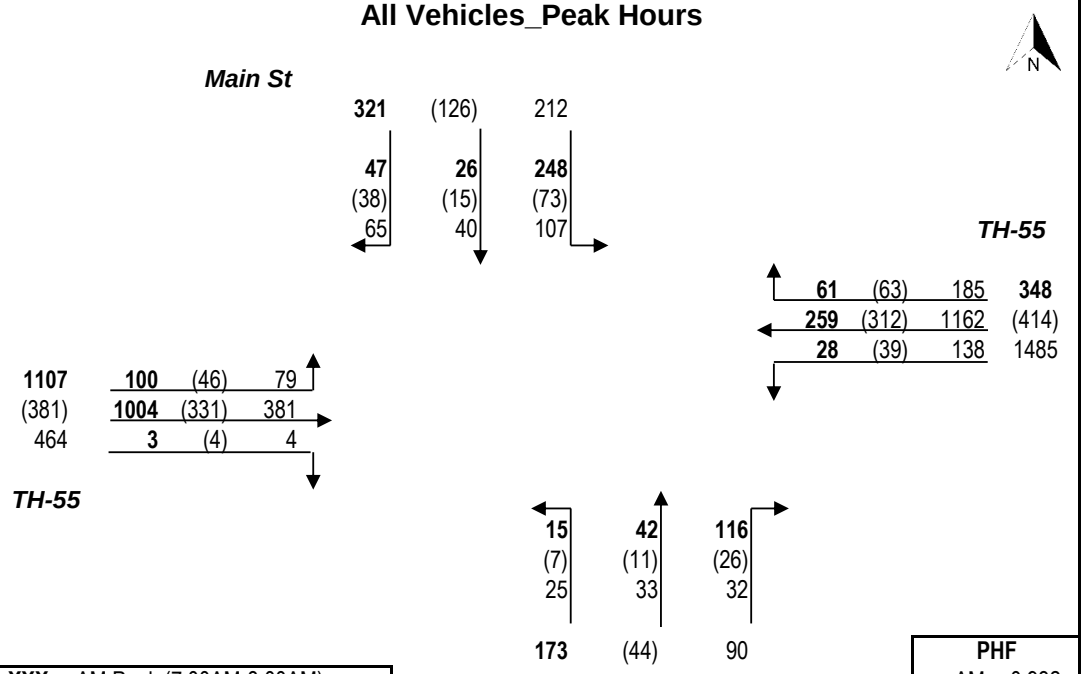
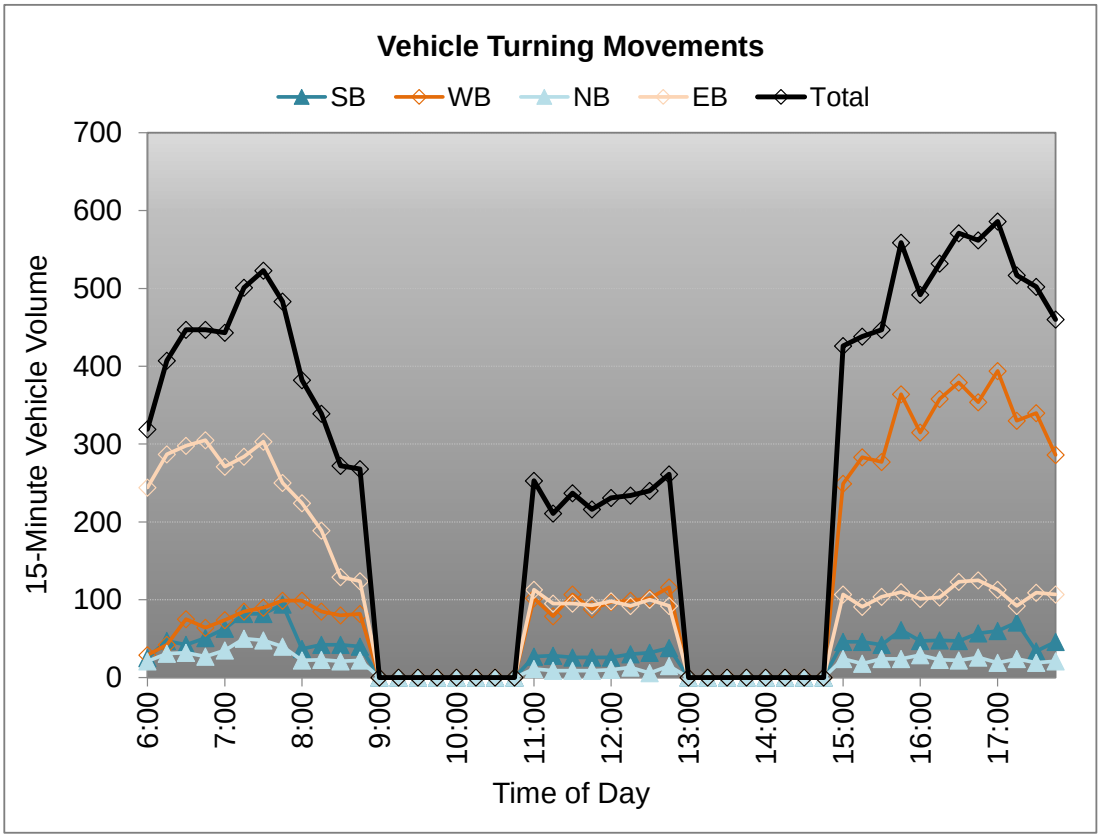
(612) 568-3227

Traffic Volume Diagrams at TH-55 & Main St

All Vehicles_Peak Hours



XXX	AM Peak (7:00AM-8:00AM)
(XXX)	Midday Peak (12:00PM-1:00PM)
XXX	PM Peak (4:15PM-5:15PM)

PHF	
AM	0.932
Midday	0.925
PM	0.960