Appendix

Traffic Count Data

2014 Automatic Traffic Recorder Counts

- Volume & Classification Counts
- Speed Measurements

2014 Manual Turning Movement Counts

- Broadway & O'Neil St./Henry St.
- Broadway & Pine Grove St./Grand St.

2011 Manual Turning Movement Counts

- Broadway & Cedar St/Cornell St.

Parking Survey Data

Parking Survey Area Maps

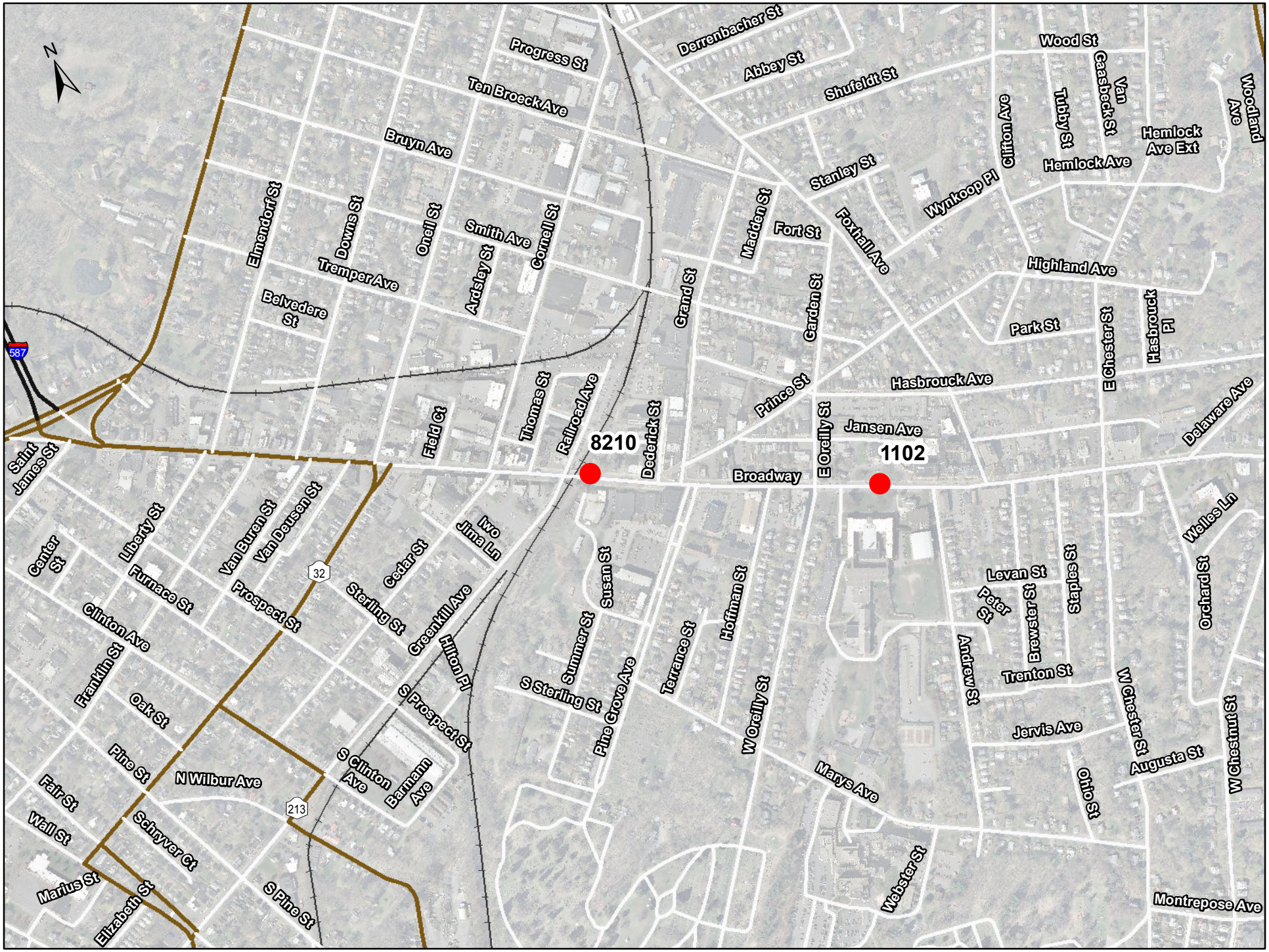
Parking Demand Table

Intersection & Network Analysis Results (Synchro)

Traffic Count Data

2014 Automatic Traffic Recorder Counts

2014 Traffic Count Station Locations



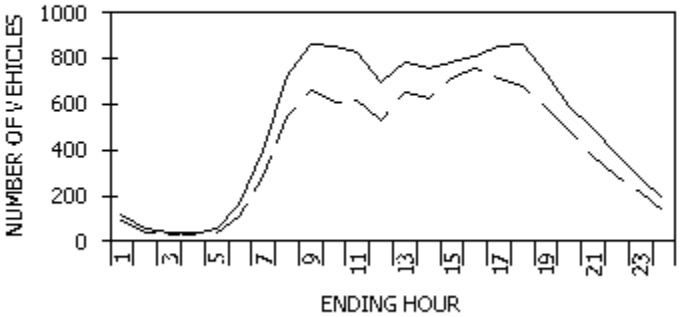
County of Ulster
Classification Count Average Weekday Data Report

ROAD #:	0280	ROAD NAME: BROADWAY	YEAR: 2014	STATION:	868210
COUNTY NAME:	Ulster		MONTH: April		
REGION CODE:	8				
FROM:	W OREILLY ST				
TO:	HENRY ST				
REF-MARKER:					
END MILEPOINT:	0110150	NO. OF LANES:	2		
FUNC-CLASS:	14	HPMS NO:			
STATION NO:	8210	LION#:			
COUNT TAKEN BY:	ORG CODE: TST	INITIALS: KAJ			
PROCESSED BY:	ORG CODE: ULS	INITIALS: DS	BATCH ID: ULS-Processed		

DIRECTION	East	West	TOTAL
NUMBER OF VEHICLES	**12343**	**9821**	**22164**
NUMBER OF AXLES	**24912**	**20177**	**45089**
% HEAVY VEHICLES (F4-F13)	**2.68%**	**5.75%**	**4.04%**
% TRUCKS AND BUSES (F3-F13)	**10.71%**	**9.63%**	**10.23%**
AXLE CORRECTION FACTOR	**0.99**	**0.97**	**0.98**

VEHICLE CLASS		F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	TOTAL
NO. OF AXLES		2	2	2	2.5	2	3	4	3.5	5	6	5	6	8.75	
ENDING HOUR	1:00	0	102	9	0	2	2	0	0	0	0	0	0	0	**115**
	2:00	0	51	5	0	1	2	0	0	0	0	0	0	0	**59**
	3:00	1	33	6	0	0	0	0	0	0	0	0	0	0	**40**
	4:00	0	32	2	0	0	0	0	0	0	0	0	0	0	**34**
	5:00	0	50	3	0	0	0	0	0	0	0	0	0	0	**53**
	6:00	0	146	9	0	4	2	0	0	0	0	0	0	0	**161**
	7:00	0	355	29	0	6	5	1	0	1	0	0	0	0	**397**
	8:00	0	664	41	1	4	8	1	0	0	1	0	0	0	**720**
	9:00	1	784	54	1	10	9	1	1	1	0	0	0	0	**862**
	10:00	0	773	66	1	9	6	2	0	0	1	0	0	0	**858**
DIRECTION	11:00	2	732	72	1	10	8	2	1	1	0	0	0	0	**829**
East	12:00	0	621	56	1	11	5	2	1	0	0	0	0	0	**697**
	13:00	1	682	70	1	17	9	2	1	0	1	0	0	0	**784**
	14:00	2	644	83	4	12	9	1	1	1	0	0	0	0	**757**
	15:00	2	685	77	3	12	4	2	0	0	0	0	0	0	**785**
	16:00	3	696	76	5	14	9	3	2	0	1	0	0	0	**809**
	17:00	3	746	79	3	11	8	1	3	0	0	0	0	0	**854**
	18:00	2	770	74	1	5	8	3	0	0	0	0	0	0	**863**
	19:00	2	664	47	1	6	8	1	0	0	0	0	0	0	**729**
	20:00	0	544	40	1	2	6	0	0	0	0	0	0	0	**593**
	21:00	1	454	30	0	2	5	0	0	0	1	0	0	0	**493**
	22:00	1	351	27	0	3	3	0	0	0	0	0	0	0	**385**
	23:00	0	253	19	0	1	3	0	0	0	0	0	0	0	**276**
	24:00	0	168	17	0	1	4	0	0	0	0	0	0	0	**190**
TOTAL VEHICLES		**21**	**11000**	**991**	**24**	**143**	**123**	**22**	**10**	**4**	**5**	**0**	**0**	**0**	**12343**
TOTAL AXLES		42	22000	1982	60	286	369	88	35	20	30	0	0	0	24912
	1:00	1	84	3	0	1	2	0	0	0	0	0	0	0	**91**
ENDING HOUR	2:00	0	37	2	0	0	1	0	0	0	0	0	0	0	**40**
	3:00	0	32	0	0	1	0	0	0	0	0	0	0	0	**33**
	4:00	0	35	1	0	0	1	0	0	0	0	0	0	0	**37**
	5:00	0	41	0	0	0	1	0	0	0	0	0	0	0	**42**
	6:00	0	104	0	0	1	1	0	0	0	0	0	0	0	**106**
	7:00	1	268	5	0	0	6	0	0	0	0	0	0	0	**280**
	8:00	3	528	9	0	1	10	0	0	0	0	0	0	0	**551**
	9:00	4	627	7	0	2	25	0	0	0	0	0	0	0	**665**
	10:00	1	568	8	0	3	30	0	0	0	1	0	0	0	**611**
	11:00	3	547	13	0	4	48	0	1	0	1	0	0	0	**617**
DIRECTION	12:00	2	477	12	0	2	39	0	0	0	1	0	0	0	**533**
West	13:00	1	566	36	1	9	41	1	0	0	1	0	0	0	**656**
	14:00	1	536	43	0	9	34	0	1	0	0	0	0	0	**624**
	15:00	0	624	48	2	6	35	1	0	0	1	0	0	0	**717**
	16:00	1	656	53	2	6	40	2	0	0	1	0	0	0	**761**
	17:00	1	613	47	0	6	41	0	0	0	2	0	0	0	**710**
	18:00	2	605	26	0	6	40	0	0	0	1	0	0	0	**680**
	19:00	1	520	24	1	1	32	0	0	0	0	0	0	0	**579**
	20:00	3	446	13	0	2	17	0	0	0	1	0	0	0	**482**
	21:00	2	346	14	0	0	14	0	0	0	0	0	0	0	**376**
	22:00	2	264	7	0	1	9	0	0	0	0	0	0	0	**283**
	23:00	0	197	4	0	0	9	0	0	0	0	0	0	0	**210**
	24:00	1	124	6	0	1	5	0	0	0	0	0	0	0	**137**
TOTAL VEHICLES		**30**	**8845**	**381**	**6**	**62**	**481**	**4**	**2**	**0**	**10**	**0**	**0**	**0**	**9821**
TOTAL AXLES		60	17690	762	15	124	1443	16	7	0	60	0	0	0	20177
GRAND TOTAL VEHICLES		**51**	**19845**	**1372**	**30**	**205**	**604**	**26**	**12**	**4**	**15**	**0**	**0**	**0**	**22164**
GRAND TOTAL AXLES		102	39690	2744	75	410	1812	104	42	20	90	0	0	0	45089

TRAFFIC FLOW BY DIRECTION



--- East - -West

PEAK HOUR DATA

DIRECTION	HOUR	COUNT	2-WAY	HOUR	COUNT
East	**18**	**863**	**A.M.**	**9**	**1527**
West	**16**	**761**	**P.M.**	**16**	**1570**

VEHICLE CLASSIFICATION CODES:

F1. Motorcycles
F2. Autos*
F3. 2 Axle, 4-Tire Pickups, Vans, Motorhomes*
F4. Buses
F5. 2 Axle, 6-Tire Single Unit Trucks
F6. 3 Axle Single Unit Trucks
F7. 4 or More Axle Single Unit Trucks
F8. 4 or Less Axle Vehicles, One Unit is a Truck
F9. 5 Axle Double Unit Vehicles, One Unit is a Truck
F10. 6 or More Double Unit Vehicles, One Unit is a Truck
F11. 5 or Less Axle Multi-Unit Trucks
F12. 6 Axle Multi-Unit Trucks
F13. 7 or More Axle Multi-Unit Trucks

* INCLUDING THOSE HAULING TRAILERS

FUNCTIONAL CLASS CODES:

RURAL	URBAN	SYSTEM
01	11	PRINCIPAL ARTERIAL-INTERSTATE
02	12	PRINCIPAL ARTERIAL-EXPRESSWAY
02	14	PRINCIPAL ARTERIAL-OTHER
06	16	MINOR ARTERIAL
07	17	MAJOR COLLECTOR
08	17	MINOR COLLECTOR
09	19	LOCAL SYSTEM

SOURCE: NYSDOT DATA SERVICES BUREAU

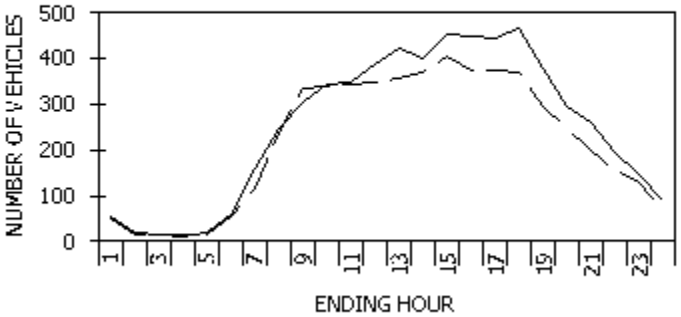
County of Ulster
Classification Count Average Weekday Data Report

ROAD #:	0280	ROAD NAME: BROADWAY	YEAR: 2014	STATION:	861102
COUNTY NAME:	Ulster		MONTH: April		
REGION CODE:	8				
FROM:	FOXHALL AVE				
TO:	W OREILLY ST				
REF-MARKER:					
END MILEPOINT:	0110102	NO. OF LANES:	2		
FUNC-CLASS:	14	HPMS NO:			
STATION NO:	1102	LION#:			
COUNT TAKEN BY:	ORG CODE: TST	INITIALS: KAJ			
PROCESSED BY:	ORG CODE: ULS	INITIALS: DS	BATCH ID: ULS-Processed		

DIRECTION	East	West	TOTAL
NUMBER OF VEHICLES	**5973**	**5227**	**11200**
NUMBER OF AXLES	**12131**	**10489**	**22620**
% HEAVY VEHICLES (F4-F13)	**4.29%**	**2.14%**	**3.29%**
% TRUCKS AND BUSES (F3-F13)	**13.11%**	**12.36%**	**12.76%**
AXLE CORRECTION FACTOR	**0.98**	**1.00**	**0.99**

	VEHICLE CLASS	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F13	TOTAL
	NO. OF AXLES	2	2	2	2.5	2	3	4	3.5	5	6	5	6	8.75	
ENDING HOUR	1:00	0	48	4	0	1	1	0	0	0	0	0	0	0	**54**
	2:00	0	18	2	0	0	0	0	0	0	0	0	0	0	**20**
	3:00	0	12	4	0	0	1	0	0	0	0	0	0	0	**17**
	4:00	0	10	1	0	0	0	0	0	0	0	0	0	0	**11**
	5:00	0	18	0	0	0	0	0	0	0	0	0	0	0	**18**
	6:00	0	48	7	0	2	0	0	0	0	0	0	0	0	**57**
	7:00	1	136	16	1	3	2	0	0	0	0	0	0	0	**159**
	8:00	4	208	26	2	4	4	0	0	0	0	0	0	0	**248**
	9:00	3	250	33	2	7	5	1	1	1	0	0	0	0	**303**
	10:00	0	279	42	1	7	11	0	1	1	0	0	0	0	**342**
DIRECTION	11:00	4	287	38	2	7	10	0	0	0	1	0	0	0	**349**
East	12:00	3	324	38	2	9	9	0	1	0	0	0	0	0	**386**
	13:00	3	353	46	1	9	11	1	0	1	0	0	0	0	**425**
	14:00	4	342	35	3	7	11	0	0	0	1	0	0	0	**403**
	15:00	6	384	39	3	7	12	0	0	0	1	0	0	0	**452**
	16:00	6	388	37	4	6	7	0	0	1	0	0	0	0	**449**
	17:00	5	391	33	1	5	8	0	0	0	0	0	0	0	**443**
	18:00	2	407	40	1	3	11	0	0	0	1	0	0	0	**465**
	19:00	3	340	25	0	4	8	0	1	0	0	0	0	0	**381**
	20:00	1	268	20	0	1	7	0	0	0	0	0	0	0	**297**
	21:00	1	236	15	0	1	7	0	0	0	0	0	0	0	**260**
	22:00	0	178	12	0	0	6	0	0	0	0	0	0	0	**196**
	23:00	0	136	8	0	1	2	0	0	0	0	0	0	0	**147**
	24:00	0	83	6	0	0	2	0	0	0	0	0	0	0	**91**
	TOTAL VEHICLES	**46**	**5144**	**527**	**23**	**84**	**135**	**2**	**4**	**4**	**4**	**0**	**0**	**0**	**5973**
	TOTAL AXLES	92	10288	1054	58	168	405	8	14	20	24	0	0	0	12131
	1:00	0	43	5	0	0	0	0	0	0	0	0	0	0	**48**
ENDING HOUR	2:00	0	15	2	0	0	0	0	0	0	0	0	0	0	**17**
	3:00	0	12	2	0	0	0	0	0	1	0	0	0	0	**15**
	4:00	0	12	1	0	0	0	0	0	1	0	0	0	0	**14**
	5:00	0	13	2	0	0	1	0	0	0	0	0	0	0	**16**
	6:00	0	47	7	0	1	1	0	0	0	0	0	0	0	**56**
	7:00	0	94	19	2	1	1	0	0	0	0	0	0	0	**117**
	8:00	0	200	32	2	3	1	0	1	0	0	0	0	0	**239**
	9:00	1	289	34	4	7	0	0	0	0	0	0	0	0	**335**
	10:00	0	289	39	0	7	1	0	1	1	0	0	0	0	**338**
	11:00	1	297	33	2	8	0	0	1	0	0	0	0	0	**342**
DIRECTION	12:00	1	300	38	0	9	1	1	0	0	0	0	0	0	**350**
West	13:00	1	299	49	1	8	1	0	0	0	0	0	0	0	**359**
	14:00	0	322	38	1	8	0	0	0	0	0	0	0	0	**369**
	15:00	1	355	39	2	6	1	0	1	0	0	0	0	0	**405**
	16:00	1	329	34	3	6	0	0	0	0	0	0	0	0	**373**
	17:00	2	330	38	0	5	0	0	0	0	0	0	0	0	**375**
	18:00	0	333	31	0	3	1	0	0	0	0	0	0	0	**368**
	19:00	0	266	28	0	2	1	0	0	0	0	0	0	0	**297**
	20:00	1	220	22	0	3	0	0	0	0	0	0	0	0	**246**
	21:00	0	186	14	0	0	0	0	0	0	0	0	0	0	**200**
	22:00	0	144	11	0	0	0	0	0	0	0	0	0	0	**155**
	23:00	0	115	12	0	0	0	0	0	0	0	0	0	0	**127**
	24:00	0	62	4	0	0	0	0	0	0	0	0	0	0	**66**
	TOTAL VEHICLES	**9**	**4572**	**534**	**17**	**77**	**10**	**1**	**4**	**3**	**0**	**0**	**0**	**0**	**5227**
	TOTAL AXLES	18	9144	1068	42	154	30	4	14	15	0	0	0	0	10489
	GRAND TOTAL VEHICLES	**55**	**9716**	**1061**	**40**	**161**	**145**	**3**	**8**	**7**	**4**	**0**	**0**	**0**	**11200**
	GRAND TOTAL AXLES	110	19432	2122	100	322	435	12	28	35	24	0	0	0	22620

TRAFFIC FLOW BY DIRECTION



--- East - -West

PEAK HOUR DATA

DIRECTION	HOUR	COUNT	2-WAY	HOUR	COUNT
East	**18**	**465**	**A.M.**	**12**	**736**
West	**15**	**405**	**P.M.**	**15**	**857**

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F1. Motorcycles
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F4. Buses
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RURAL	URBAN	SYSTEM
01	11	PRINCIPAL ARTERIAL-INTERSTATE
02	12	PRINCIPAL ARTERIAL-EXPRESSWAY
02	14	PRINCIPAL ARTERIAL-OTHER
06	16	MINOR ARTERIAL
07	17	MAJOR COLLECTOR
08	17	MINOR COLLECTOR
09	19	LOCAL SYSTEM

SOURCE: NYSDOT DATA SERVICES BUREAU

County of Ulster
Speed Count Average Weekday Report

Date: 05/28/2014

Station:	868210	Start date:	Tue 04/15/2014 12:00	Count duration:	72 hours
Road #:	Road name: BROADWAY	End date:	Fri 04/18/2014 11:45	Functional class:	14
From:	W OREILLY ST	County:	Ulster	Factor group:	30
To:	HENRY ST	Town:	KINGSTON	Batch ID:	ULS-Processed
Direction:	East	Speed limit:	30	Count taken by:	Org: TST Init: KAJ
		LION#:		Processed by:	Org: ULS Init: DS

Speeds, mph

Hour	0.0-20.0	20.1-25.0	25.1-30.0	30.1-35.0	35.1-40.0	40.1-45.0	45.1-50.0	50.1-55.0	55.1-60.0	60.1-65.0	65.1-70.0	70.1-75.0	75.1-95.0	% Exc 45.0	% Exc 50.0	% Exc 55.0	% Exc 60.0	% Exc 65.0	Avg	50th%	85th%	Total
1:00	0	0	9	53	40	8	2	1	0	0	0	0	0	2.7	0.9	0.0	0.0	0.0	34.5	34.5	39.3	113
2:00	0	0	5	19	23	8	2	1	1	0	0	1	0	8.3	5.0	3.3	1.7	1.7	36.1	36.4	42.6	60
3:00	0	1	5	11	18	3	0	1	0	0	0	0	0	2.6	2.6	0.0	0.0	0.0	34.4	35.7	39.5	39
4:00	0	0	1	16	17	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	34.8	35.2	38.8	35
5:00	0	0	6	16	27	3	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	34.6	35.8	39.2	52
6:00	0	2	19	78	53	5	2	0	0	0	0	0	0	1.3	0.0	0.0	0.0	0.0	33.5	33.8	38.5	159
7:00	1	1	27	168	170	23	4	0	0	0	0	0	0	1.0	0.0	0.0	0.0	0.0	34.5	35.0	39.1	394
8:00	2	13	93	348	220	33	5	1	0	0	0	0	0	0.8	0.1	0.0	0.0	0.0	33.1	33.6	38.5	715
9:00	5	19	100	437	258	33	4	3	1	0	0	1	0	1.0	0.6	0.2	0.1	0.1	32.9	33.6	38.4	861
10:00	1	17	123	461	213	31	4	1	0	0	0	0	0	0.6	0.1	0.0	0.0	0.0	32.7	33.1	37.9	851
11:00	4	22	186	423	165	18	2	0	0	0	0	0	0	0.2	0.0	0.0	0.0	0.0	31.6	32.4	36.9	820
12:00	3	20	140	363	149	16	3	0	0	0	0	0	0	0.4	0.0	0.0	0.0	0.0	31.9	32.6	37.2	694
13:00	4	20	184	385	153	26	3	1	0	0	0	1	0	0.6	0.3	0.1	0.1	0.1	31.7	32.4	37.3	777
14:00	5	49	179	358	137	21	1	0	0	0	0	0	0	0.1	0.0	0.0	0.0	0.0	30.9	32.0	36.7	750
15:00	5	26	192	379	144	21	4	1	0	0	0	0	0	0.6	0.1	0.0	0.0	0.0	31.4	32.2	36.9	772
16:00	7	31	170	375	180	29	4	0	0	0	0	0	0	0.5	0.0	0.0	0.0	0.0	31.6	32.6	37.6	796
17:00	4	16	147	402	223	37	8	2	0	0	0	0	0	1.2	0.2	0.0	0.0	0.0	32.6	33.2	38.3	839
18:00	2	20	157	422	208	34	6	0	0	0	0	0	0	0.7	0.0	0.0	0.0	0.0	32.4	33.0	38.0	849
19:00	1	18	121	368	177	24	3	2	0	0	1	0	0	0.8	0.4	0.1	0.1	0.1	32.5	33.0	37.9	715
20:00	0	10	91	306	157	21	1	0	0	0	1	0	0	0.3	0.2	0.2	0.2	0.2	32.8	33.2	38.0	587
21:00	0	9	91	289	79	16	2	0	0	0	0	0	0	0.4	0.0	0.0	0.0	0.0	32.1	32.5	36.6	486
22:00	0	4	53	224	85	12	2	0	0	0	0	0	0	0.5	0.0	0.0	0.0	0.0	32.8	33.0	37.5	380
23:00	0	2	18	148	85	17	1	1	0	0	0	0	0	0.7	0.4	0.0	0.0	0.0	34.0	34.0	38.8	272
24:00	0	2	23	87	58	12	1	1	0	0	1	0	0	1.6	1.1	0.5	0.5	0.5	33.7	33.9	39.0	185
Avg. Daily Total	44	302	2140	6136	3039	452	64	16	2	0	3	3	0	0.7	0.2	0.1	0.0	0.0	32.4	33.0	37.9	12201
Percent	0.4%	2.5%	17.5%	50.3%	24.9%	3.7%	0.5%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%									
Cum. Percent	0.4%	2.8%	20.4%	70.7%	95.6%	99.3%	99.8%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%									
Average hour	2	13	89	256	127	19	3	1	0	0	0	0	0									508

	Avg. Speed	50th% Speed	85th% Speed
East	32.4	33.0	37.9
West	30.9	33.0	38.0

Peak Hour Data

Direction	Hour	Count	2-way	Hour	Count
East	9	861	A.M.	9	1510
West	16	754	P.M.	16	1550

TRAFFIC FLOW BY DIRECTION

County of Ulster
Speed Count Average Weekday Report

Date: 05/28/2014

Station:	868210	Start date:	Tue 04/15/2014 12:00	Count duration:	72 hours
Road #:	Road name: BROADWAY	End date:	Fri 04/18/2014 11:45	Functional class:	14
From:	W OREILLY ST	County:	Ulster	Factor group:	30
To:	HENRY ST	Town:	KINGSTON	Batch ID:	ULS-Processed
Direction:	West	Speed limit:	30	Count taken by:	Org: TST Init: KAJ
		LION#:		Processed by:	Org: ULS Init: DS

Speeds, mph

Hour	0.0-20.0	20.1-25.0	25.1-30.0	30.1-35.0	35.1-40.0	40.1-45.0	45.1-50.0	50.1-55.0	55.1-60.0	60.1-65.0	65.1-70.0	70.1-75.0	75.1-95.0	% Exc 45.0	% Exc 50.0	% Exc 55.0	% Exc 60.0	% Exc 65.0	Avg	50th%	85th%	Total
1:00	0	0	2	31	33	13	2	2	0	0	0	0	0	4.8	2.4	0.0	0.0	0.0	36.2	36.3	41.8	83
2:00	0	0	0	7	12	15	2	0	0	0	0	0	0	5.6	0.0	0.0	0.0	0.0	38.7	39.6	43.9	36
3:00	0	0	0	5	14	9	3	0	0	0	0	0	0	9.7	0.0	0.0	0.0	0.0	38.6	38.8	44.1	31
4:00	0	0	0	3	15	14	1	0	0	0	0	0	0	3.0	0.0	0.0	0.0	0.0	39.2	39.6	43.6	33
5:00	0	0	0	21	15	2	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	34.8	34.6	38.8	38
6:00	0	1	12	25	49	14	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	35.0	36.3	39.9	101
7:00	0	0	5	43	162	55	4	0	0	0	0	0	0	1.5	0.0	0.0	0.0	0.0	37.3	37.7	41.7	269
8:00	34	19	61	234	151	25	2	0	0	0	0	0	0	0.4	0.0	0.0	0.0	0.0	30.1	33.2	38.3	526
9:00	14	7	72	316	224	13	2	0	1	0	0	0	0	0.5	0.2	0.2	0.0	0.0	32.4	33.7	38.2	649
10:00	7	10	61	299	205	14	0	1	0	0	0	0	0	0.2	0.2	0.0	0.0	0.0	32.8	33.7	38.2	597
11:00	22	22	84	339	133	8	0	1	0	0	0	0	0	0.2	0.2	0.0	0.0	0.0	30.7	32.7	37.0	609
12:00	18	15	71	295	118	11	2	0	0	0	0	0	0	0.4	0.0	0.0	0.0	0.0	31.0	32.8	37.2	530
13:00	19	27	135	332	120	11	1	0	0	0	0	1	0	0.3	0.2	0.2	0.2	0.2	30.4	32.2	36.6	646
14:00	20	31	120	332	107	10	2	0	0	0	0	0	0	0.3	0.0	0.0	0.0	0.0	30.2	32.2	36.3	622
15:00	122	50	131	314	78	9	1	0	0	0	0	0	0	0.1	0.0	0.0	0.0	0.0	25.1	30.8	34.8	705
16:00	97	65	139	311	129	11	2	0	0	0	0	0	0	0.3	0.0	0.0	0.0	0.0	26.4	31.3	36.2	754
17:00	16	25	93	409	142	17	4	2	0	0	0	0	0	0.8	0.3	0.0	0.0	0.0	31.3	32.7	37.1	708
18:00	2	15	91	350	187	21	2	0	0	0	0	0	0	0.3	0.0	0.0	0.0	0.0	32.7	33.3	38.0	668
19:00	8	12	41	282	201	23	1	0	0	0	0	0	0	0.2	0.0	0.0	0.0	0.0	33.0	34.0	38.5	568
20:00	11	8	96	239	96	10	5	0	0	0	0	0	0	1.1	0.0	0.0	0.0	0.0	31.2	32.5	37.2	465
21:00	1	2	69	184	90	5	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	32.3	32.9	37.4	351
22:00	0	0	25	149	76	12	2	0	0	0	0	0	0	0.8	0.0	0.0	0.0	0.0	33.7	33.6	38.4	264
23:00	0	0	5	86	88	19	1	1	0	0	0	0	0	1.0	0.5	0.0	0.0	0.0	35.3	35.6	39.5	200
24:00	0	0	2	35	70	14	2	0	1	1	0	0	0	3.2	1.6	1.6	0.8	0.0	36.5	36.9	40.0	125
Avg. Daily Total	391	309	1315	4641	2515	355	41	7	2	1	0	1	0	0.5	0.1	0.0	0.0	0.0	30.9	33.0	38.0	9578
Percent	4.1%	3.2%	13.7%	48.5%	26.3%	3.7%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%									
Cum. Percent	4.1%	7.3%	21.0%	69.5%	95.8%	99.5%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%									
Average hour	16	13	55	193	105	15	2	0	0	0	0	0	0									399

	Avg. Speed	50th% Speed	85th% Speed
East	32.4	33.0	37.9
West	30.9	33.0	38.0

Peak Hour Data

Direction	Hour	Count	2-way	Hour	Count
East	9	861	A.M.	9	1510
West	16	754	P.M.	16	1550

TRAFFIC FLOW BY DIRECTION

County of Ulster
Speed Count Average Weekday Report

Date: 05/28/2014

Station:	861102	Start date:	Tue 04/15/2014 11:00	Count duration:	73 hours
Road #:	Road name: BROADWAY	End date:	Fri 04/18/2014 11:45	Functional class:	14
From:	FOXHALL AVE	County:	Ulster	Factor group:	30
To:	W OREILLY ST	Town:	KINGSTON	Batch ID:	ULS-Processed
Direction:	East	Speed limit:	30	Count taken by:	Org: TST Init: KAJ
		LION#:		Processed by:	Org: ULS Init: DS

Speeds, mph

Hour	0.0-20.0	20.1-25.0	25.1-30.0	30.1-35.0	35.1-40.0	40.1-45.0	45.1-50.0	50.1-55.0	55.1-60.0	60.1-65.0	65.1-70.0	70.1-75.0	75.1-95.0	% Exc 45.0	% Exc 50.0	% Exc 55.0	% Exc 60.0	% Exc 65.0	Avg	50th%	85th%	Total
1:00	0	4	21	15	3	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	29.2	29.3	34.2	44
2:00	0	1	9	6	1	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	29.2	29.2	33.8	17
3:00	0	2	6	5	1	1	0	0	1	0	0	0	0	6.3	6.3	6.3	0.0	0.0	30.3	30.0	38.0	16
4:00	0	1	4	2	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	27.8	28.2	32.4	7
5:00	0	0	7	6	2	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	31.0	30.9	36.6	16
6:00	0	4	27	16	3	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	28.9	28.9	33.6	50
7:00	2	16	71	43	6	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	28.0	28.6	33.3	138
8:00	23	45	91	37	3	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	24.1	26.8	31.4	199
9:00	17	84	123	46	3	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	24.9	26.5	30.9	273
10:00	9	110	153	34	4	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	25.2	26.2	29.8	310
11:00	19	112	150	30	1	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	24.4	25.9	29.5	312
12:00	49	135	132	20	3	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	22.3	24.5	29.0	339
13:00	43	148	170	25	5	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	23.2	25.2	29.2	391
14:00	49	152	120	28	2	2	0	0	0	0	1	0	0	0.3	0.3	0.3	0.3	0.3	22.4	24.3	29.2	354
15:00	159	103	105	19	2	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	18.5	21.8	28.3	389
16:00	66	142	154	33	3	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	22.2	24.7	29.3	398
17:00	27	118	195	47	4	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	24.6	26.3	29.9	391
18:00	35	153	173	38	2	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	23.7	25.4	29.5	402
19:00	25	86	175	43	4	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	24.7	26.6	30.0	334
20:00	4	78	133	46	6	0	1	0	0	0	0	0	0	0.4	0.0	0.0	0.0	0.0	26.3	27.0	31.4	268
21:00	0	66	130	34	3	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	26.6	27.0	30.5	234
22:00	1	30	108	29	3	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	27.1	27.6	31.1	171
23:00	2	21	70	36	4	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	27.5	28.2	32.8	133
24:00	0	11	46	17	6	1	0	1	1	0	0	0	0	2.4	2.4	1.2	0.0	0.0	28.6	28.4	34.0	83
Avg. Daily Total	530	1622	2373	655	74	10	1	1	2	0	1	0	0	0.1	0.1	0.1	0.0	0.0	23.9	26.1	30.0	5269
Percent	10.1%	30.8%	45.0%	12.4%	1.4%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%									
Cum. Percent	10.1%	40.8%	85.9%	98.3%	99.7%	99.9%	99.9%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%									
Average hour	22	68	99	27	3	0	0	0	0	0	0	0	0									220

	Avg. Speed	50th% Speed	85th% Speed
East	23.9	26.1	30.0
West	21.9	24.1	29.0

Peak Hour Data

Direction	Hour	Count	2-way	Hour	Count
East	18	402	A.M.	12	687
West	15	404	P.M.	15	793

TRAFFIC FLOW BY DIRECTION

County of Ulster
Speed Count Average Weekday Report

Date: 05/28/2014

Station:	861102	Start date:	Tue 04/15/2014 11:00	Count duration:	73 hours
Road #:	Road name: BROADWAY	End date:	Fri 04/18/2014 11:45	Functional class:	14
From:	FOXHALL AVE	County:	Ulster	Factor group:	30
To:	W OREILLY ST	Town:	KINGSTON	Batch ID:	ULS-Processed
Direction:	West	Speed limit:	30	Count taken by:	Org: TST Init: KAJ
		LION#:		Processed by:	Org: ULS Init: DS

Speeds, mph

Hour	0.0-20.0	20.1-25.0	25.1-30.0	30.1-35.0	35.1-40.0	40.1-45.0	45.1-50.0	50.1-55.0	55.1-60.0	60.1-65.0	65.1-70.0	70.1-75.0	75.1-95.0	% Exc 45.0	% Exc 50.0	% Exc 55.0	% Exc 60.0	% Exc 65.0	Avg	50th%	85th%	Total
1:00	1	7	24	12	3	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	27.5	28.3	33.4	47
2:00	0	3	9	2	2	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	27.8	27.8	34.0	16
3:00	0	3	5	5	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	27.7	28.6	33.1	13
4:00	1	2	6	5	1	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	26.7	28.8	33.8	15
5:00	0	2	8	4	2	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	28.8	28.8	34.6	16
6:00	2	12	26	13	4	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	26.7	27.8	33.3	57
7:00	4	34	55	20	3	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	25.7	26.9	31.4	116
8:00	25	95	93	21	2	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	23.2	25.0	29.4	237
9:00	55	151	111	19	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	21.7	23.8	28.6	336
10:00	68	150	106	12	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	21.0	23.4	28.2	336
11:00	49	172	107	11	1	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	21.8	23.6	28.2	340
12:00	85	175	80	8	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	20.1	22.6	27.3	348
13:00	63	179	100	16	1	0	0	0	1	0	0	0	0	0.3	0.3	0.3	0.0	0.0	21.4	23.3	28.2	360
14:00	80	182	89	16	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	20.6	22.9	27.9	367
15:00	152	166	73	11	1	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	18.5	21.6	26.8	404
16:00	85	157	110	20	1	0	1	0	0	0	0	0	0	0.3	0.0	0.0	0.0	0.0	20.8	23.3	28.5	374
17:00	58	146	145	23	2	1	0	0	1	0	0	0	0	0.3	0.3	0.3	0.0	0.0	22.2	24.5	29.0	376
18:00	61	155	136	16	1	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	21.8	24.0	28.6	369
19:00	35	115	120	24	2	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	23.0	25.0	29.3	297
20:00	22	89	110	23	2	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	23.7	25.6	29.5	246
21:00	9	71	101	19	1	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	24.8	26.1	29.5	201
22:00	8	43	82	21	1	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	25.1	26.7	30.0	155
23:00	3	31	70	22	2	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	26.2	27.2	31.1	128
24:00	0	11	32	17	2	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	28.0	28.3	33.2	63
Avg. Daily Total	866	2151	1798	360	34	5	1	0	2	0	0	0	0	0.1	0.0	0.0	0.0	0.0	21.9	24.1	29.0	5217
Percent	16.6%	41.2%	34.5%	6.9%	0.7%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%									
Cum. Percent	16.6%	57.8%	92.3%	99.2%	99.8%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%									
Average hour	36	90	75	15	1	0	0	0	0	0	0	0	0									217

	Avg. Speed	50th% Speed	85th% Speed
East	23.9	26.1	30.0
West	21.9	24.1	29.0

Peak Hour Data

Direction	Hour	Count	2-way	Hour	Count
East	18	402	A.M.	12	687
West	15	404	P.M.	15	793

TRAFFIC FLOW BY DIRECTION

Traffic Count Data

2014 Manual Turning Movement Counts

Study Name Kingston - Broadway at Henry St -O'Neil St
Start Date 05/30/2014
Start Time 3:00 PM

Pass. Vehicles

	O'Neil St Southbound				Broadway Westbound				Henry St Northbound				Broadway Eastbound				
Start Time	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Total
3:00 PM	6	16	12	0	8	144	8	5	10	6	12	0	4	149	12	0	392
3:15 PM	4	14	15	0	9	138	4	6	12	15	12	0	5	148	7	0	389
3:30 PM	4	14	14	0	7	162	2	1	7	18	15	0	12	132	14	0	402
3:45 PM	10	15	16	0	5	136	4	1	4	17	12	0	8	153	9	0	390
4:00 PM	3	17	8	0	5	158	7	0	11	14	7	0	9	155	10	0	404
4:15 PM	10	20	10	0	8	158	9	0	6	7	15	0	6	145	12	0	406
4:30 PM	7	18	9	0	6	159	13	0	8	15	18	0	5	151	14	0	423
4:45 PM	14	10	13	0	9	144	6	0	14	12	18	0	11	162	14	1	428
5:00 PM	14	16	13	0	7	133	10	0	11	16	13	0	3	176	20	0	432
5:15 PM	5	16	16	0	4	141	4	0	14	13	6	0	9	160	16	0	404
5:30 PM	6	13	12	0	4	119	5	0	19	16	11	0	12	165	13	0	395
5:45 PM	2	13	12	0	3	114	4	0	8	14	7	0	14	156	11	0	358
4:15-5:15 pm	**45**	**64**	**45**	**0**	**30**	**594**	**38**	**0**	**39**	**50**	**64**	**0**	**25**	**634**	**60**	**1**	

Study Name Kingston - Broadway at Henry St -O'Neil St
Start Date 05/30/2014
Start Time 3:00 PM

Buses

	O'Neil St Southbound				Broadway Westbound				Henry St Northbound				Broadway Eastbound				**Buses**
Start Time	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Total
3:00 PM	0	1	0	0	1	3	0	0	1	1	0	0	1	4	2	0	14
3:15 PM	3	1	1	0	1	1	0	0	0	2	1	0	0	4	0	0	14
3:30 PM	0	0	0	0	0	3	3	1	1	1	2	0	0	6	0	0	17
3:45 PM	1	0	0	0	0	2	1	0	0	2	0	0	0	3	0	0	9
4:00 PM	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
4:15 PM	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	3
4:30 PM	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
4:45 PM	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
4:15-5:15 pm	**0**	**0**	**2**	**0**	**0**	**1**	**1**	**0**	**0**	**0**	**2**	**0**	**0**	**1**	**0**	**0**	**7**

Study Name Kingston - Broadway at Henry St -O'Neil St
Start Date 05/30/2014
Start Time 3:00 PM

Trucks

	O'Neil St Southbound				Broadway Westbound				Henry St Northbound				Broadway Eastbound				
Start Time	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Total
3:00 PM	0	0	0	0	0	1	0	0	0	1	0	0	1	3	1	0	7
3:15 PM	0	0	0	0	0	4	0	0	0	2	0	0	0	3	1	0	10
3:30 PM	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4
4:00 PM	0	0	0	0	1	3	0	0	1	1	0	0	0	2	1	0	9
4:15 PM	0	0	0	0	0	2	0	0	1	0	0	0	0	2	0	0	5
4:30 PM	0	0	1	0	0	3	0	0	0	0	0	0	1	1	0	0	6
4:45 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	3
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
5:15 PM	0	1	0	0	0	3	0	0	1	0	0	0	0	4	0	0	9
5:30 PM	0	0	0	0	0	1	0	0	1	1	0	0	1	2	0	0	6
5:45 PM	0	0	0	0	0	3	0	0	0	0	0	0	1	2	0	0	6
4:15-5:15 pm	**0**	**0**	**1**	**0**	**0**	**6**	**0**	**0**	**1**	**0**	**0**	**0**	**2**	**5**	**1**	**0**	**16**

Study Name Kingston - Broadway at Henry St -O'Neil St
Start Date 05/30/2014
Start Time 3:00 PM

TOTAL Vehicles

	O'Neil St Southbound				Broadway Westbound				Henry St Northbound				Broadway Eastbound					
Start Time	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Total	Hourly
3:00 PM	6	17	12	0	9	148	8	5	11	8	12	0	6	156	15	0	413	
3:15 PM	7	15	16	0	10	143	4	6	12	19	13	0	5	155	8	0	413	
3:30 PM	4	14	14	0	7	169	5	2	8	19	17	0	12	138	14	0	423	
3:45 PM	11	15	16	0	5	138	5	1	4	19	12	0	8	160	9	0	403	1652
4:00 PM	3	17	8	0	6	162	8	0	12	15	7	0	9	157	11	0	415	1654
4:15 PM	10	20	10	0	8	161	9	0	7	7	16	0	6	148	12	0	414	1655
4:30 PM	7	18	12	0	6	162	13	0	8	15	18	0	6	152	14	0	431	1663
4:45 PM	14	10	13	0	9	145	7	0	14	12	19	0	11	163	15	1	433	1693
5:00 PM	14	16	13	0	7	133	10	0	11	16	13	0	4	177	20	0	434	1712
5:15 PM	5	17	16	0	4	144	4	0	15	13	6	0	9	165	16	0	414	1712
5:30 PM	6	13	12	0	4	120	5	0	20	17	11	0	13	167	13	0	401	1682
5:45 PM	2	13	12	0	3	117	5	0	8	14	7	0	15	158	11	0	365	1614
4:15-5:15 pm	**45**	**64**	**48**	**0**	**30**	**601**	**39**	**0**	**40**	**50**	**66**	**0**	**27**	**640**	**61**	**1**	**1712**	

Study Name Kingston - Broadway at Henry St -Oneil St
Start Date 05/30/2014
Start Time 3:00 PM

Bicycles

	O'Neil Southbound		Broadway Westbound		Henry Northbound		Broadway Eastbound		
Start Time	Peds CCW	Peds CW	Peds CCW	Peds CW	Peds CCW	Peds CW	Peds CCW	Peds CW	Total
3:00 PM	0	0	0	0	0	0	0	1	1
3:15 PM	0	0	0	0	0	2	0	1	3
3:30 PM	0	0	0	0	0	3	0	0	3
3:45 PM	0	0	0	0	0	0	1	0	1
4:00 PM	1	1	0	0	0	1	0	1	4
4:15 PM	0	0	0	0	0	0	1	0	1
4:30 PM	0	2	0	0	0	0	0	1	3
4:45 PM	3	1	0	0	2	0	0	0	6
5:00 PM	1	0	0	0	0	1	0	0	2
5:15 PM	0	0	0	0	0	2	0	0	2
5:30 PM	0	0	0	0	0	0	0	0	0
5:45 PM	1	0	0	0	1	0	0	0	2
4:15-5:15 pm	**4**	**3**	**0**	**0**	**2**	**1**	**1**	**1**	

Study Name Kingston - Broadway at Henry St -Oneil St
Start Date 05/30/2014
Start Time 3:00 PM

Pedestrians

	O'Neil Southbound		Broadway Westbound		Henry St Northbound		Broadway Eastbound		
Start Time	Peds CCW	Peds CW	Peds CCW	Peds CW	Peds CCW	Peds CW	Peds CCW	Peds CW	Total
3:00 PM	8	4	5	1	1	6	2	1	28
3:15 PM	7	0	1	2	7	6	1	2	26
3:30 PM	1	2	3	4	0	4	2	2	18
3:45 PM	4	4	0	4	7	12	1	1	33
4:00 PM	14	8	3	1	4	3	2	0	35
4:15 PM	1	2	1	1	3	2	4	1	15
4:30 PM	2	3	1	4	2	1	0	1	14
4:45 PM	2	7	0	2	4	5	0	2	22
5:00 PM	4	1	2	1	1	2	2	1	14
5:15 PM	7	4	5	4	1	1	1	0	23
5:30 PM	2	2	5	2	4	3	0	2	20
5:45 PM	1	4	4	6	0	0	0	0	15
4:15-5:15 pm	**9**	**13**	**4**	**8**	**10**	**10**	**6**	**5**	

Study Name Kingston - Broadway at Pine-Grove Ave -Grand St
Start Date 05/30/2014
Start Time 3:00 PM

Pass. Vehicles

	Grand St Southbound				Broadway Westbound				Pine Grove Ave Northbound				Broadway Eastbound				
Start Time	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Total
3:00 PM	1	10	52	0	4	100	5	0	31	16	9	0	65	106	32	0	431
3:15 PM	2	15	50	0	2	109	7	0	30	11	5	0	56	98	19	0	404
3:30 PM	5	10	51	0	5	102	8	0	16	15	3	0	54	112	18	0	399
3:45 PM	8	16	49	0	5	93	3	0	20	8	7	0	43	114	29	0	395
4:00 PM	2	10	55	0	6	100	7	0	30	13	7	0	46	115	23	0	414
4:15 PM	4	14	64	0	7	108	2	0	26	11	10	0	62	110	34	0	452
4:30 PM	5	10	64	0	5	103	4	0	31	18	11	0	40	120	22	0	433
4:45 PM	4	9	73	0	8	82	11	0	23	12	5	0	79	151	33	0	490
5:00 PM	6	15	90	0	6	93	9	0	26	8	5	0	81	116	40	0	495
5:15 PM	2	8	39	0	2	92	4	0	23	13	4	0	53	128	32	0	400
5:30 PM	4	10	40	0	5	88	5	0	22	7	4	0	35	124	31	0	375
5:45 PM	4	6	46	0	6	89	7	0	19	10	7	0	39	138	11	0	382
4:15-5:15 pm	**19**	**48**	**291**	**0**	**26**	**386**	**26**	**0**	**106**	**49**	**31**	**0**	**262**	**497**	**129**	**0**	

Study Name Kingston - Broadway at Pine-Grove Ave -Grand St
Start Date 05/30/2014
Start Time 3:00 PM

Buses

	Grand St Southbound				Broadway Westbound				Pine Grove Ave Northbound				Broadway Eastbound				
Start Time	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Total
3:00 PM	0	0	3	0	0	1	0	0	0	0	1	0	3	2	0	0	10
3:15 PM	0	1	1	0	1	2	1	0	1	1	1	0	3	5	3	0	20
3:30 PM	0	2	0	0	0	2	0	0	4	0	2	0	1	5	3	0	19
3:45 PM	0	0	1	0	0	3	0	0	0	0	0	0	3	4	0	0	11
4:00 PM	0	0	2	0	0	1	0	0	0	0	0	0	1	1	1	0	6
4:15 PM	0	0	2	0	0	0	0	0	0	1	0	0	2	1	0	0	6
4:30 PM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
4:45 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
5:15 PM	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	2
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
4:15-5:15 pm	**0**	**1**	**2**	**0**	**0**	**2**	**0**	**0**	**0**	**1**	**0**	**0**	**3**	**2**	**0**	**0**	

Study Name Kingston - Broadway at Pine-Grove Ave -Grand St
Start Date 05/30/2014
Start Time 3:00 PM

Trucks

	Grand St Southbound				Broadway Westbound				Pine Grove Ave Northbound				Broadway Eastbound				
Start Time	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Total
3:00 PM	0	1	1	0	4	3	0	0	0	1	1	0	1	1	1	0	14
3:15 PM	0	1	1	0	0	1	0	0	0	2	4	0	0	1	0	0	10
3:30 PM	1	2	3	0	1	2	0	0	0	1	0	0	0	0	0	0	10
3:45 PM	1	1	0	0	0	1	0	0	0	1	3	0	0	3	0	0	10
4:00 PM	0	1	1	0	1	0	0	0	0	0	0	0	3	1	1	0	8
4:15 PM	1	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	4
4:30 PM	1	1	0	0	0	2	0	0	0	0	1	0	0	0	0	0	5
4:45 PM	0	0	0	0	5	1	1	0	0	2	1	0	1	1	0	0	12
5:00 PM	0	0	0	0	2	0	0	0	0	0	4	0	1	1	0	0	8
5:15 PM	0	2	0	0	1	1	0	0	0	2	0	0	1	2	0	0	9
5:30 PM	0	1	2	0	0	1	0	0	0	1	0	0	1	0	0	0	6
5:45 PM	0	2	2	0	0	5	0	0	0	1	0	0	1	0	0	0	11
4:15-5:15 pm	**2**	**1**	**0**	**0**	**7**	**3**	**1**	**0**	**0**	**2**	**8**	**0**	**2**	**3**	**0**	**0**	

Study Name Kingston - Broadway at Pine-Grove Ave -Grand St
Start Date 05/30/2014
Start Time 3:00 PM

TOTAL Vehicles

	Grand St Southbound				Broadway Westbound				Pine Grove Ave Northbound				Broadway Eastbound				
Start Time	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Left	Thru	Right	U-Turn	Total
3:00 PM	1	11	56	0	8	104	5	0	31	17	11	0	69	109	33	0	455
3:15 PM	2	17	52	0	3	112	8	0	31	14	10	0	59	104	22	0	434
3:30 PM	6	14	54	0	6	106	8	0	20	16	5	0	55	117	21	0	428
3:45 PM	9	17	50	0	5	97	3	0	20	9	10	0	46	121	29	0	416
4:00 PM	2	11	58	0	7	101	7	0	30	13	7	0	50	117	25	0	428
4:15 PM	5	14	66	0	7	108	2	0	26	12	12	0	64	112	34	0	462
4:30 PM	6	12	64	0	5	106	4	0	31	18	12	0	40	120	22	0	440
4:45 PM	4	9	73	0	13	84	12	0	23	14	6	0	80	153	33	0	504
5:00 PM	6	15	90	0	8	93	9	0	26	8	9	0	83	117	40	0	504
5:15 PM	2	10	40	0	3	93	4	0	23	15	4	0	54	131	32	0	411
5:30 PM	4	11	42	0	5	89	5	0	22	8	4	0	36	124	31	0	381
5:45 PM	4	8	48	0	6	95	7	0	19	11	7	0	40	138	11	0	394
4:15-5:15 pm	**21**	**50**	**293**	**0**	**33**	**391**	**27**	**0**	**106**	**52**	**39**	**0**	**267**	**502**	**129**	**0**	1910
						451				158							

Study Name Kingston - Broadway at Pine-Grove Ave -Grand St
Start Date 05/30/2014
Start Time 3:00 PM

Bicycles

	Grand St Southbound		Broadway Westbound		Pine Grove St. Northbound		Broadway Eastbound	
Start Time	Peds CCW	Peds CW	Peds CCW	Peds CW	Peds CCW	Peds CW	Peds CCW	Peds CW
3:00 PM	0	0	0	0	0	0	0	0
3:15 PM	0	0	0	0	0	0	0	0
3:30 PM	0	0	0	1	0	2	0	0
3:45 PM	0	1	0	2	0	0	0	0
4:00 PM	3	0	1	0	0	1	0	0
4:15 PM	0	1	0	0	0	0	0	0
4:30 PM	0	1	0	0	0	0	0	0
4:45 PM	0	1	0	0	3	0	0	0
5:00 PM	2	0	0	1	0	1	0	0
5:15 PM	1	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	1	0	0	0
5:45 PM	0	0	0	1	0	0	1	0
4:15-5:15 pm	**2**	**3**	**0**	**1**	**3**	**1**	**0**	**0**

Study Name Kingston - Broadway at Pine-Grove Ave -Grand St
Start Date 05/30/2014
Start Time 3:00 PM

Pedestrians

	Grand St Southbound		Broadway Westbound		Pine Grove St. Northbound		Broadway Eastbound	
Start Time	Peds CCW	Peds CW	Peds CCW	Peds CW	Peds CCW	Peds CW	Peds CCW	Peds CW
3:00 PM	1	2	1	5	2	23	1	6
3:15 PM	4	2	3	2	7	8	1	0
3:30 PM	6	0	1	1	1	3	2	0
3:45 PM	3	0	2	1	2	2	4	0
4:00 PM	7	1	1	0	3	1	1	1
4:15 PM	1	7	0	0	2	1	0	1
4:30 PM	1	0	1	1	2	2	2	0
4:45 PM	2	1	0	0	1	1	0	0
5:00 PM	2	0	1	0	6	6	0	0
5:15 PM	0	2	0	0	4	2	1	0
5:30 PM	1	1	0	0	0	2	1	0
5:45 PM	1	0	0	0	1	2	0	0
4:15-5:15 pm	**6**	**8**	**2**	**1**	**11**	**10**	**2**	**1**

Traffic Count Data

2011 Manual Turning Movement Counts

Study Name: Broadyway at Cedar Street
Start Date: 06/01/2011
Start Time: 7:00 AM
Vehicle Type: ALL

	Saccomen Lane Southbound				Broadway Westbound				Cedar Street Northbound				Broadway Eastbound			
Start Time	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn
7:00 AM	7	8	9		4	75	0		15	6	2		5	101	6	
7:15 AM	8	8	19		5	101	3		20	10	3		3	151	15	
7:30 AM	9	10	8		7	118	3		30	17	5		5	197	7	
7:45 AM	12	15	27		5	152	3		45	18	5		8	173	5	
8:00 AM	9	12	6		4	125	7		24	14	2		11	121	9	
8:15 AM	10	11	7		4	130	9		37	14	12		6	157	11	
8:30 AM	14	18	15		3	151	12		25	19	6		7	126	10	
8:45 AM	18	25	14		4	146	11		23	27	6		8	111	14	
4:00 PM	23	27	18		10	136	14		38	24	6		14	173	11	
4:15 PM	20	27	15		6	134	15		34	20	11		21	138	6	
4:30 PM	16	26	5		6	138	8		39	15	5		17	156	12	
4:45 PM	21	20	16		4	149	11		37	17	5		12	146	7	
5:00 PM	19	24	12		4	135	10		30	17	12		12	175	9	
5:15 PM	14	22	11		4	139	13		30	13	2		18	155	10	
5:30 PM	10	24	18		4	130	20		37	24	15		10	157	10	
5:45 PM	12	22	12		4	143	11		21	18	7		19	121	15	
6:00 PM	0	0	0		0	0	0		1	0	0		1	1	0	
AM Peak Hour	40	48	48		20	525	22		136	63	24		30	648	32	
PHF	0.83	0.80	0.44		0.71	0.86	0.61		0.76	0.88	0.50		0.68	0.82	0.73	
% HV	12.5	8.3	6.3		10.0	6.3	13.6		9.6	3.2	4.2		13.3	5.6	9.4	
PM Peak Hour	80	100	54		26	557	48		148	76	27		64	613	36	
PHF	0.9	0.9	0.8		0.7	0.9	0.8		0.9	0.8	0.6		0.8	0.9	0.8	
% HV	6.3	5.0	3.7		0.0	1.8	2.1		1.4	3.9	3.7		3.1	3.1	5.6	

Study Name: Broadyway at Cedar Street
Start Date: 06/01/2011
Start Time: 7:00 AM
Vehicle Type: Passenger Cars

	Southbound Street Southbound				Westbound Street Westbound				Northbound Street Northbound				Eastbound Street Eastbound			
Start Time	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn
7:00 AM	6	7	9	0	4	72	0	0	14	6	1	0	5	96	5	0
7:15 AM	4	8	16	0	4	101	1	0	19	9	3	0	2	140	13	0
7:30 AM	8	9	8	0	6	108	2	0	27	15	5	0	5	185	7	0
7:45 AM	10	13	24	0	5	148	3	0	42	18	4	0	6	164	5	0
8:00 AM	7	11	6	0	3	115	6	0	21	13	2	0	9	111	8	0
8:15 AM	9	11	7	0	4	121	8	0	33	14	12	0	6	152	9	0
8:30 AM	12	17	15	0	3	141	12	0	25	18	4	0	6	118	6	0
8:45 AM	16	22	12	0	4	139	11	0	23	25	5	0	7	104	14	0
4:00 PM	21	25	18	0	10	133	14	1	36	24	6	0	13	162	11	0
4:15 PM	19	26	15	0	6	134	14	0	32	19	11	0	21	132	4	0
4:30 PM	15	26	5	0	6	136	8	0	39	14	5	0	17	151	12	0
4:45 PM	20	19	15	0	4	146	11	0	36	17	5	0	12	142	7	0
5:00 PM	19	23	12	0	3	131	10	0	30	17	11	0	11	171	9	0
5:15 PM	12	21	11	0	4	138	13	0	30	13	2	0	17	150	10	0
5:30 PM	9	23	18	0	4	128	20	0	37	24	15	1	10	154	10	0
5:45 PM	12	20	12	0	4	137	11	0	19	17	7	0	17	119	13	0
6:00 PM	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0

Study Name: Broadyway at Cedar Street
Start Date: 06/01/2011
Start Time: 7:00 AM
Vehicle Type: Trucks

	Southbound Street Southbound				Westbound Street Westbound				Northbound Street Northbound				Eastbound Street Eastbound			
Start Time	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn
7:00 AM	1	1	0	0	0	0	0	0	1	0	1	0	0	1	1	0
7:15 AM	3	0	1	0	1	0	0	0	1	1	0	0	1	2	1	0
7:30 AM	1	0	0	0	0	1	1	0	1	1	0	0	0	5	0	0
7:45 AM	1	1	1	0	0	3	0	0	2	0	1	0	0	3	0	0
8:00 AM	1	0	0	0	0	3	0	0	0	1	0	0	0	1	1	0
8:15 AM	0	0	0	0	0	4	1	0	0	0	0	0	0	2	2	0
8:30 AM	2	0	0	0	0	3	0	0	0	0	2	0	1	7	4	0
8:45 AM	2	1	2	0	0	3	0	0	0	2	0	0	1	4	0	0
4:00 PM	1	1	0	0	0	2	0	0	0	0	0	0	1	4	0	0
4:15 PM	1	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0
4:30 PM	1	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
4:45 PM	1	1	1	0	0	1	0	0	0	0	0	0	0	4	0	0
5:00 PM	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0
5:30 PM	1	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0
5:45 PM	0	1	0	0	0	4	0	0	1	0	0	0	0	0	2	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Study Name: Broadyway at Cedar Street
Start Date: 06/01/2011
Start Time: 7:00 AM
Vehicle Type: Bus

	Southbound Street Southbound				Westbound Street Westbound				Northbound Street Northbound				Eastbound Street Eastbound			
Start Time	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn
7:00 AM	0	0	0	0	0	3	0	0	0	0	0	0	0	4	0	0
7:15 AM	1	0	2	0	0	0	2	0	0	0	0	0	0	9	1	0
7:30 AM	0	1	0	0	1	9	0	0	2	0	0	0	0	7	0	0
7:45 AM	0	1	2	0	0	1	0	0	1	0	0	0	2	6	0	0
8:00 AM	1	1	0	0	1	7	1	0	3	0	0	0	2	9	0	0
8:15 AM	1	0	0	0	0	5	0	0	4	0	0	0	0	3	0	0
8:30 AM	0	1	0	0	0	7	0	0	0	1	0	0	0	1	0	0
8:45 AM	0	2	0	0	0	4	0	0	0	0	1	0	0	3	0	0
4:00 PM	1	0	0	0	0	1	0	0	1	0	0	0	0	3	0	0
4:15 PM	0	1	0	0	0	0	1	0	1	1	0	0	0	2	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0
5:00 PM	0	1	0	0	0	2	0	0	0	0	0	0	0	2	0	0
5:15 PM	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
5:30 PM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Study Name: Broadyway at Cedar Street
Start Date: 06/01/2011
Start Time: 7:00 AM
Vehicle Type: Bicycle

	Southbound Street Southbound				Westbound Street Westbound				Northbound Street Northbound				Eastbound Street Eastbound			
Start Time	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn	Right	Thru	Left	U-Turn
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
7:45 AM	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	1	0	0	0	0	0	0	1	0	0	0	0	4	0	0
4:15 PM	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
4:30 PM	0	0	0	0	0	2	0	0	0	1	0	0	0	2	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM	0	0	0	0	1	1	0	0	0	0	0	0	1	2	0	0
5:15 PM	1	1	0	0	0	1	0	0	0	0	0	0	0	2	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
5:45 PM	0	1	0	0	0	1	0	0	1	0	0	0	2	1	0	0
6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

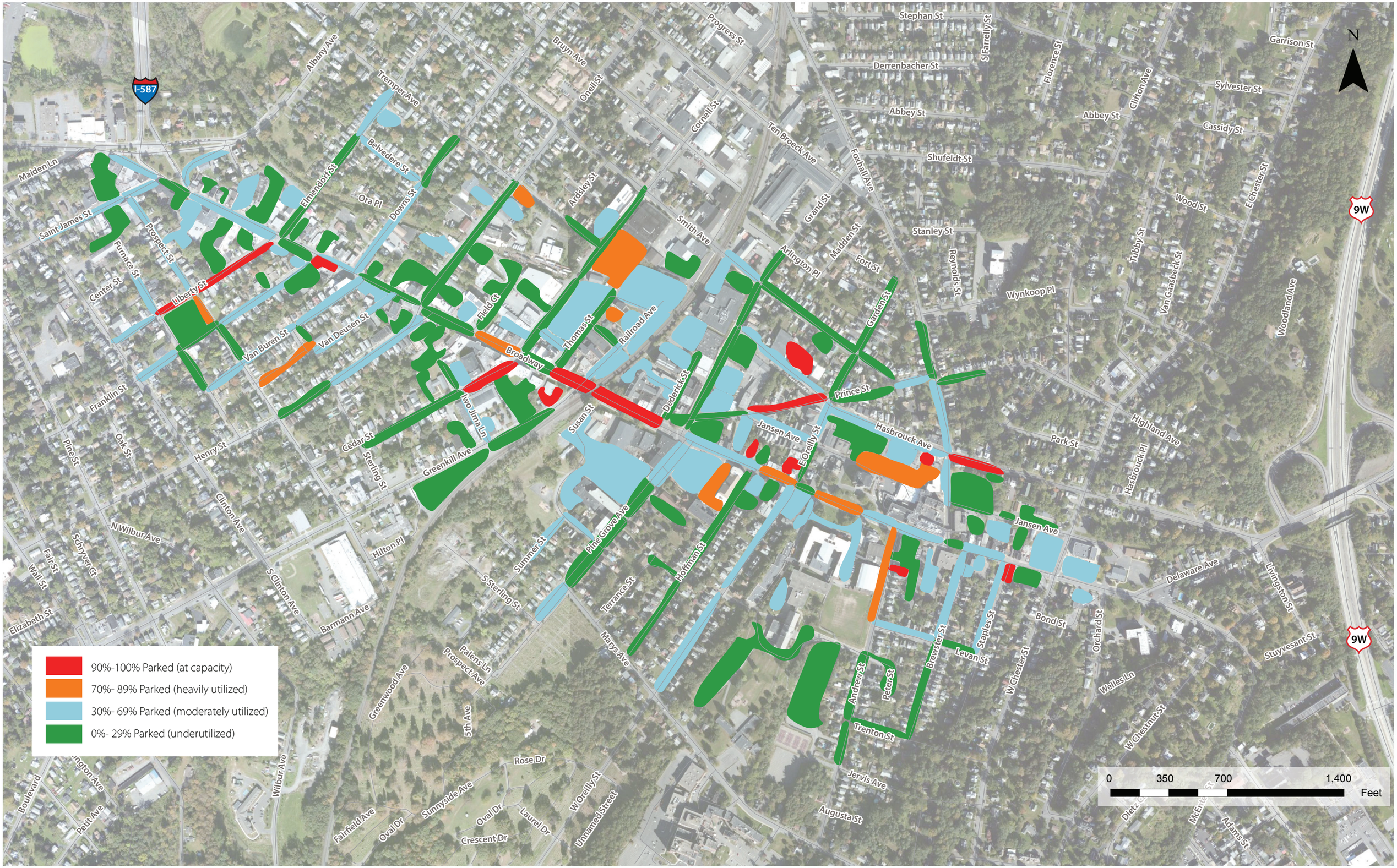
Study Name: Broadyway at Cedar Street
Start Date: 06/01/2011
Start Time: 7:00 AM
Vehicle Type: Pedestrian

	Southbound Street Southbound	Westbound Street Westbound	Northbound Street Northbound	Eastbound Street Eastbound
Start Time	Peds	Peds	Peds	Peds
7:00 AM	5	1	8	0
7:15 AM	11	5	14	2
7:30 AM	12	1	9	1
7:45 AM	8	1	2	0
8:00 AM	6	0	3	0
8:15 AM	13	1	0	1
8:30 AM	5	2	3	1
8:45 AM	10	0	4	2
4:00 PM	6	6	4	4
4:15 PM	5	0	6	4
4:30 PM	8	2	4	2
4:45 PM	5	0	7	2
5:00 PM	8	0	3	0
5:15 PM	0	0	4	1
5:30 PM	1	0	8	1
5:45 PM	2	0	4	4
6:00 PM	0	0	0	0

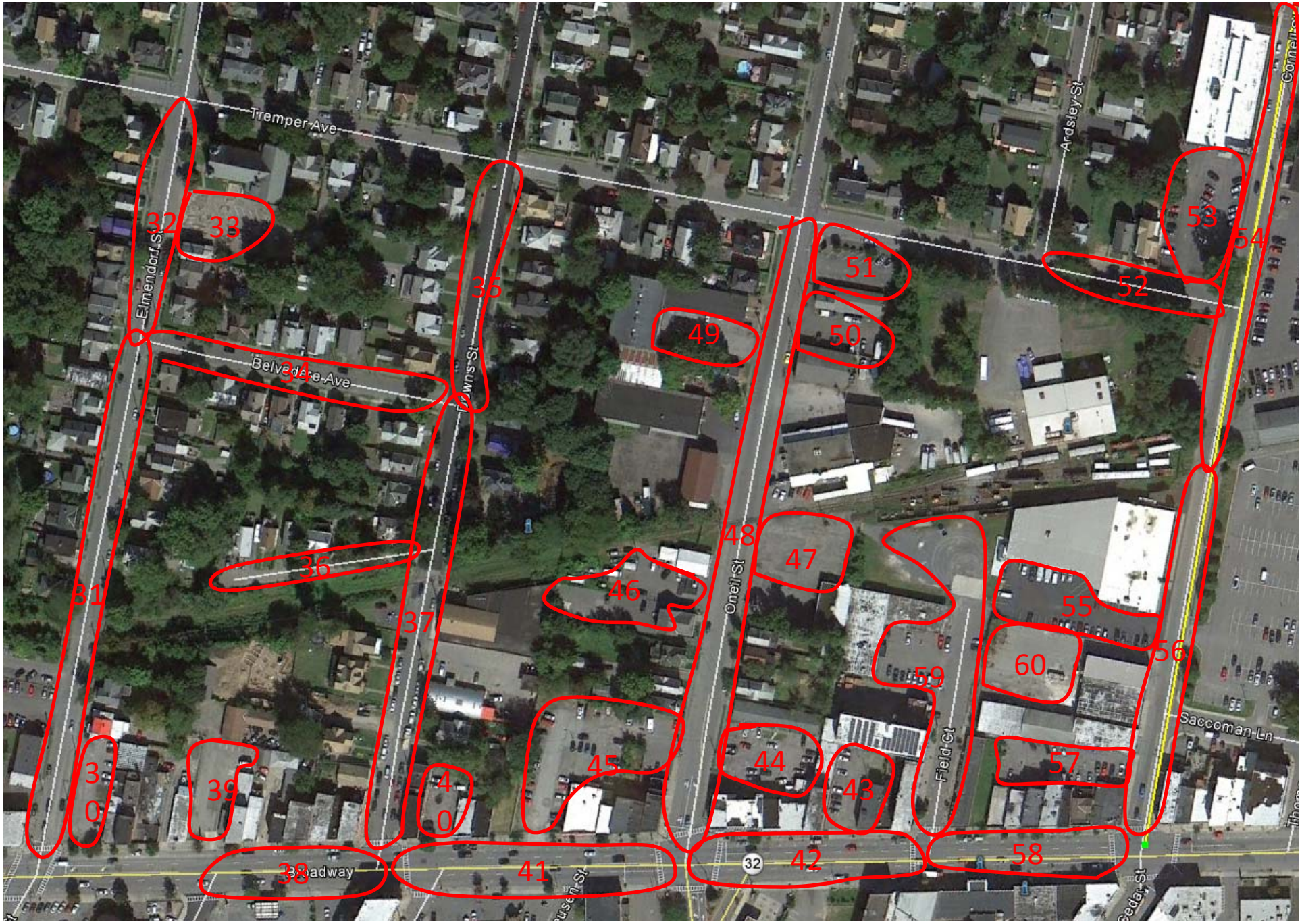
Parking Count Data

Parking Survey Area Maps

Parking Demand Table

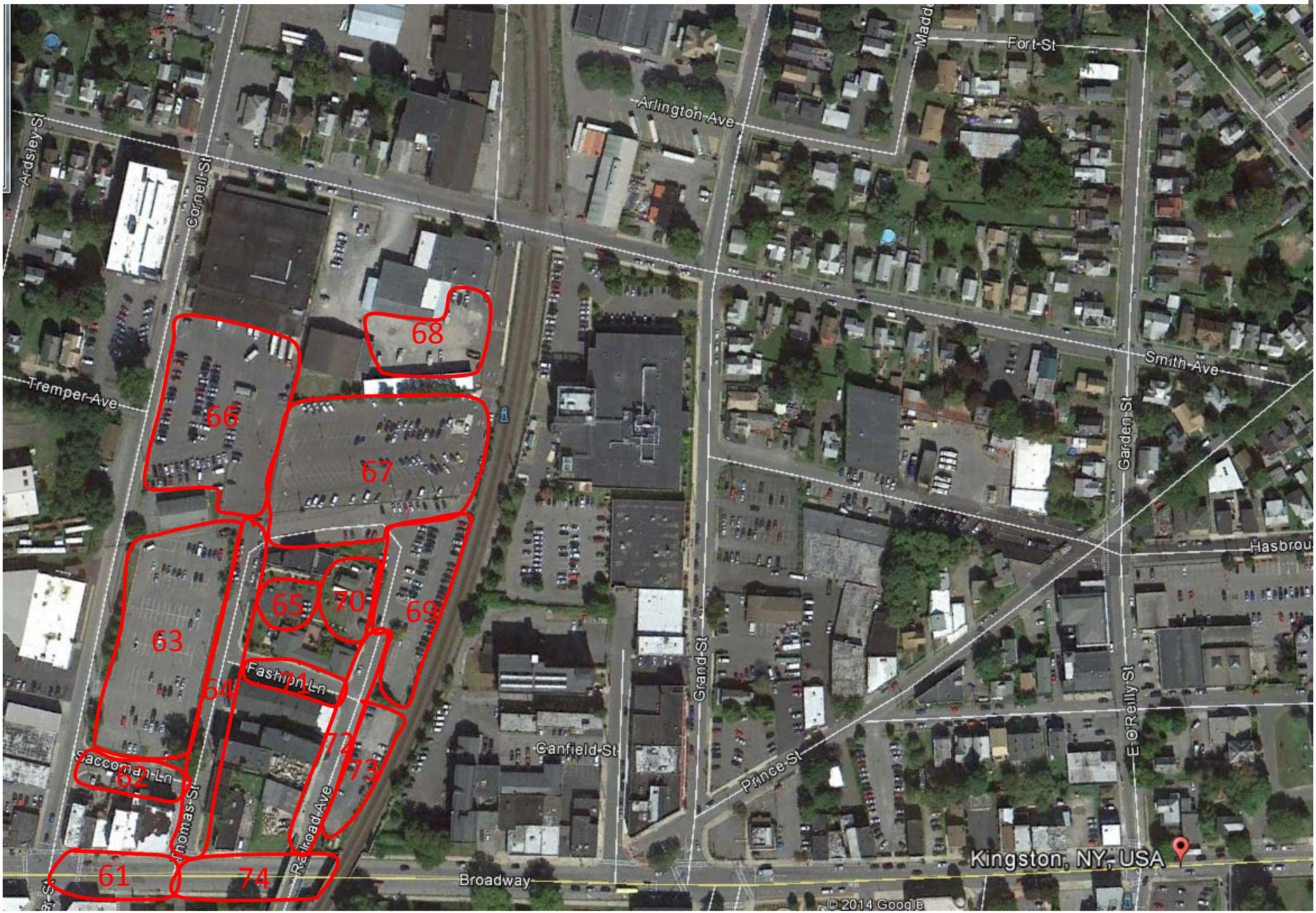

N
I-587
9W
9W
Albany Ave
Tremper Ave
Bruyn Ave
Oneil St
Progress St
Stephan St
Sfarrelly St
Florence St
Clifton Ave
Garrison St
Sylvester St
Cassidy St
Derrenbacher St
Abbey St
Abbey St
Shufeldt St
Ten Broeck Ave
Cornell St
Foxhall Ave
Grand St
Madden St
Fort St
Stanley St
Reynolds St
Wynkoop Pl
Tubby St
Van Gaasbeck St
Wood St
E Chester St
Woodland Ave
Maiden Ln
Saint James St
Prospect St
Furnace St
Center St
Liberty St
Elmendorf St
Belvedere St
Ora Pl
Downs St
Ardsley St
Smith Ave
Arlington Pl
Garden St
Field Ct
Van Buren St
Van Deusen St
Broadway
Thomas St
Railroad Ave
Dederick St
Prince St
Jansen Ave
E Oreilly St
Hasbrouck Ave
Park St
Highland Ave
Hasbrouck Pl
Jansen Ave
Franklin St
Oak St
Pine St
Henry St
Cedar St
Sterling St
Greenkill Ave
Iwo Jima Ln
Susan St
Clinton Ave
N Wilbur Ave
Schryver Ct
Fair St
Wall St
Hilton Pl
S Clinton Ave
Summer St
Pine Grove Ave
Hoffman St
S Sterling St
Terrance St
Marys Ave
Barmann Ave
Elizabeth St
Palens Ln
Prospect Ave
Greenwood Ave
5th Ave
Wilbur Ave
Boulevard
Pettit Ave
Rose Dr
Sunnyside Ave
Oval Dr
Laurel Dr
Crescent Dr
Fairfield Ave
Oval Dr
W Oreilly St
Unnamed Street
Augusta St
Jervis Ave
Trenton St
Andrew St
Peter St
Brewster St
Staples St
Levan St
W Chester St
Bond St
Orchard St
Delaware Ave
Livingston St
Stuyvesant St
Welles Ln
W Chestnut St
Dietz St
McEntee St
Adams St
90%-100% Parked (at capacity)
70%- 89% Parked (heavily utilized)
30%- 69% Parked (moderately utilized)
0%- 29% Parked (underutilized)
0
350
700
1,400
Feet

Count from 3:00 to 5:00, by block and lot. Inventory should indicate how many spaces, whether lots are public or private and whether blocks are metered or not



Count from 3:00 to 5:00, by block and lot. Inventory should indicate how many spaces, whether lots are public or private and whether blocks are metered or not

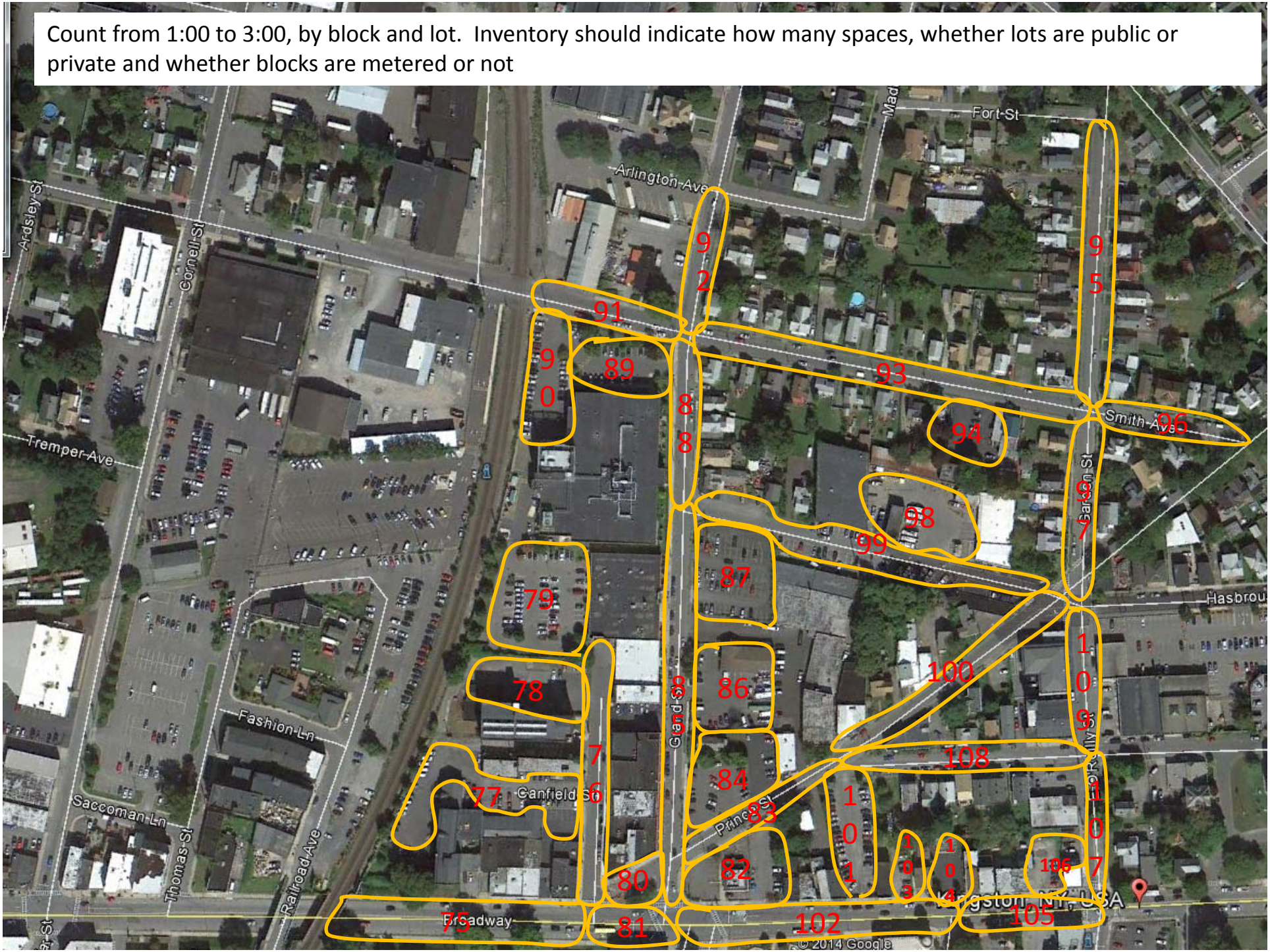
Count from 3:00 to 5:00, by block and lot. Inventory should indicate how many spaces, whether lots are public or private and whether blocks are metered or not

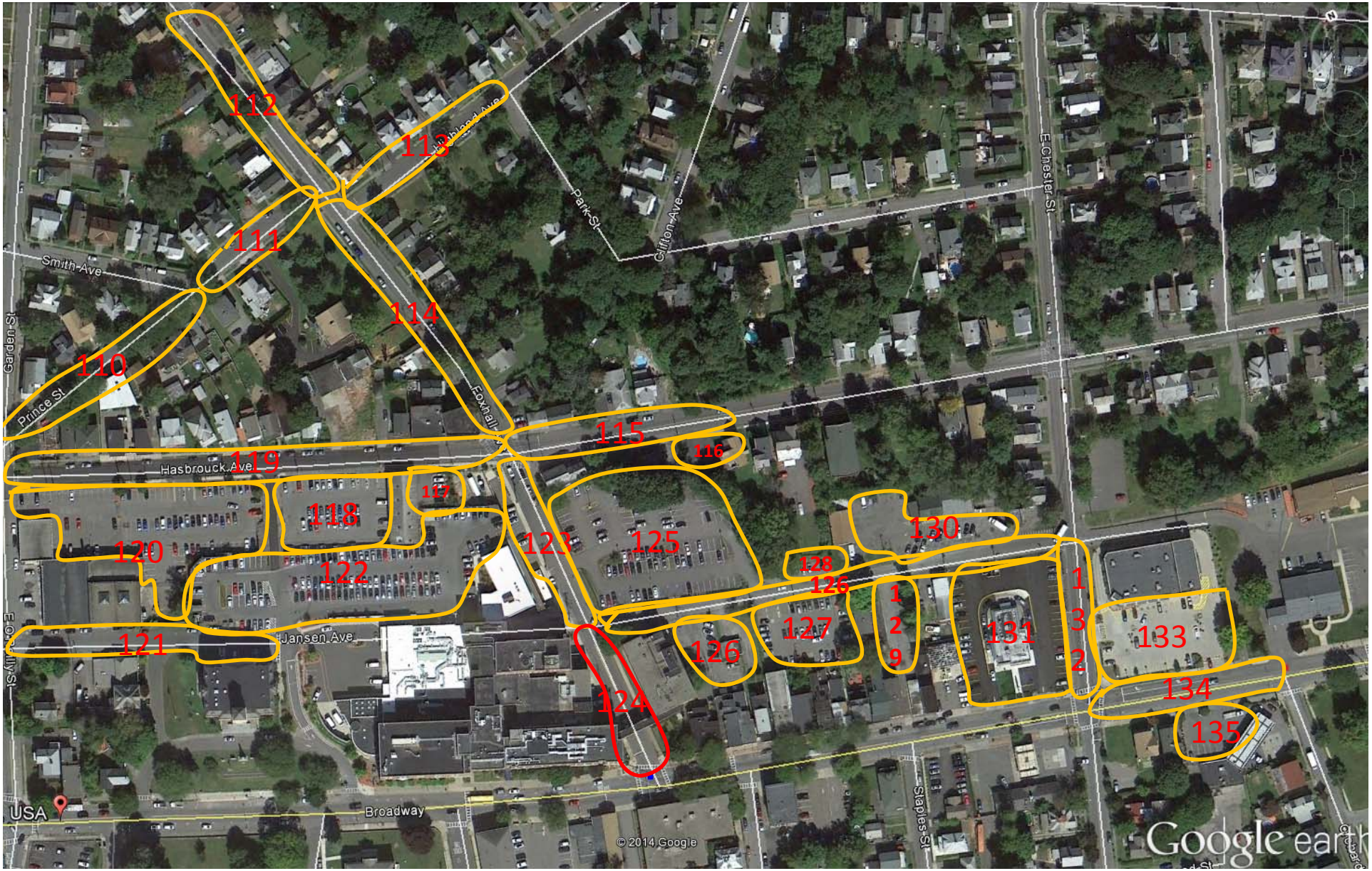


Count from 3:00 to 5:00, by block and lot. Inventory should indicate how many spaces, whether lots are public or private and whether blocks are metered or not

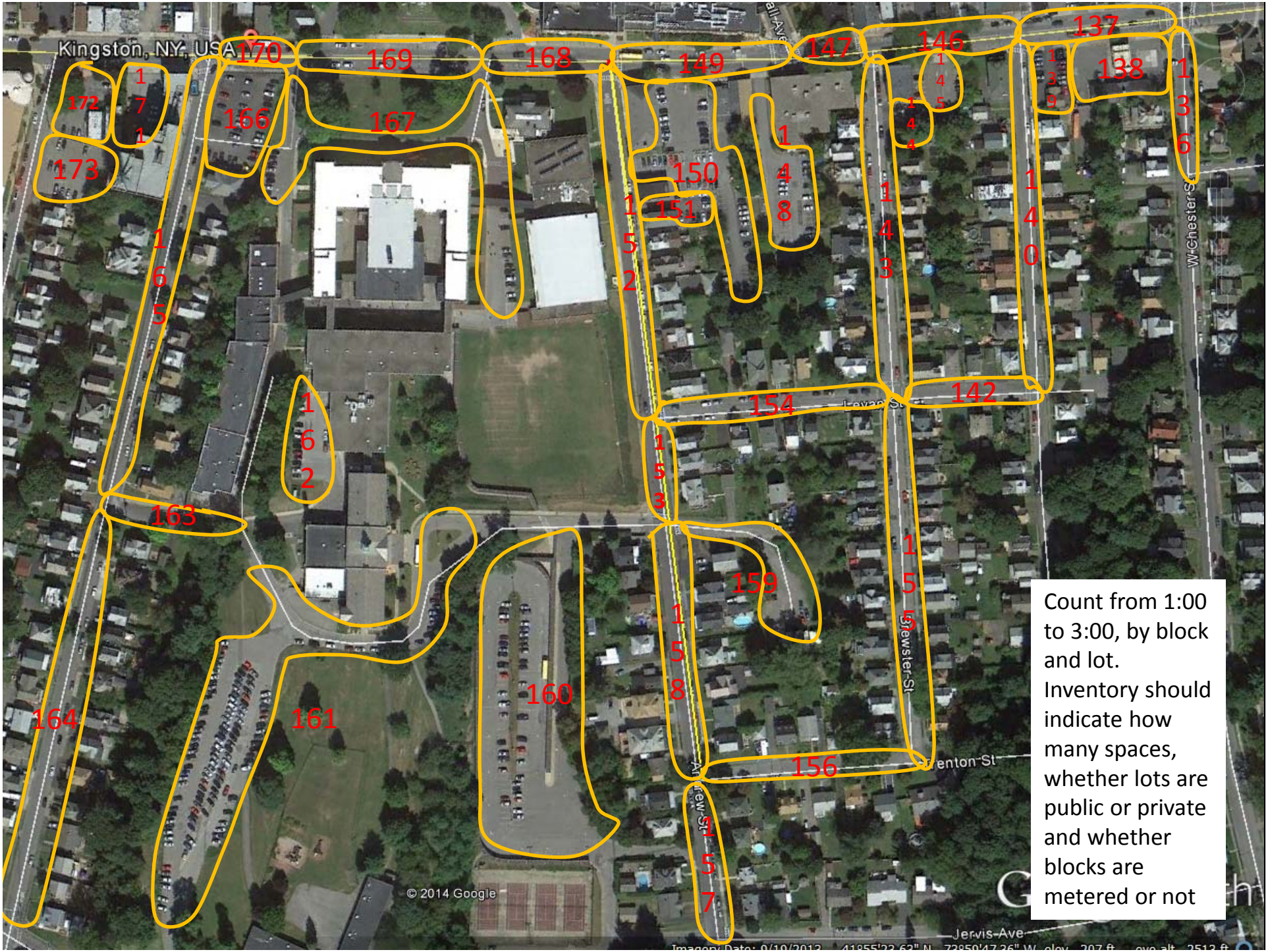
Count from 1:00 to 3:00, by block and lot. Inventory should indicate how many spaces, whether lots are public or private and whether blocks are metered or not

Count from 1:00 to 3:00, by block and lot. Inventory should indicate how many spaces, whether lots are public or private and whether blocks are metered or not

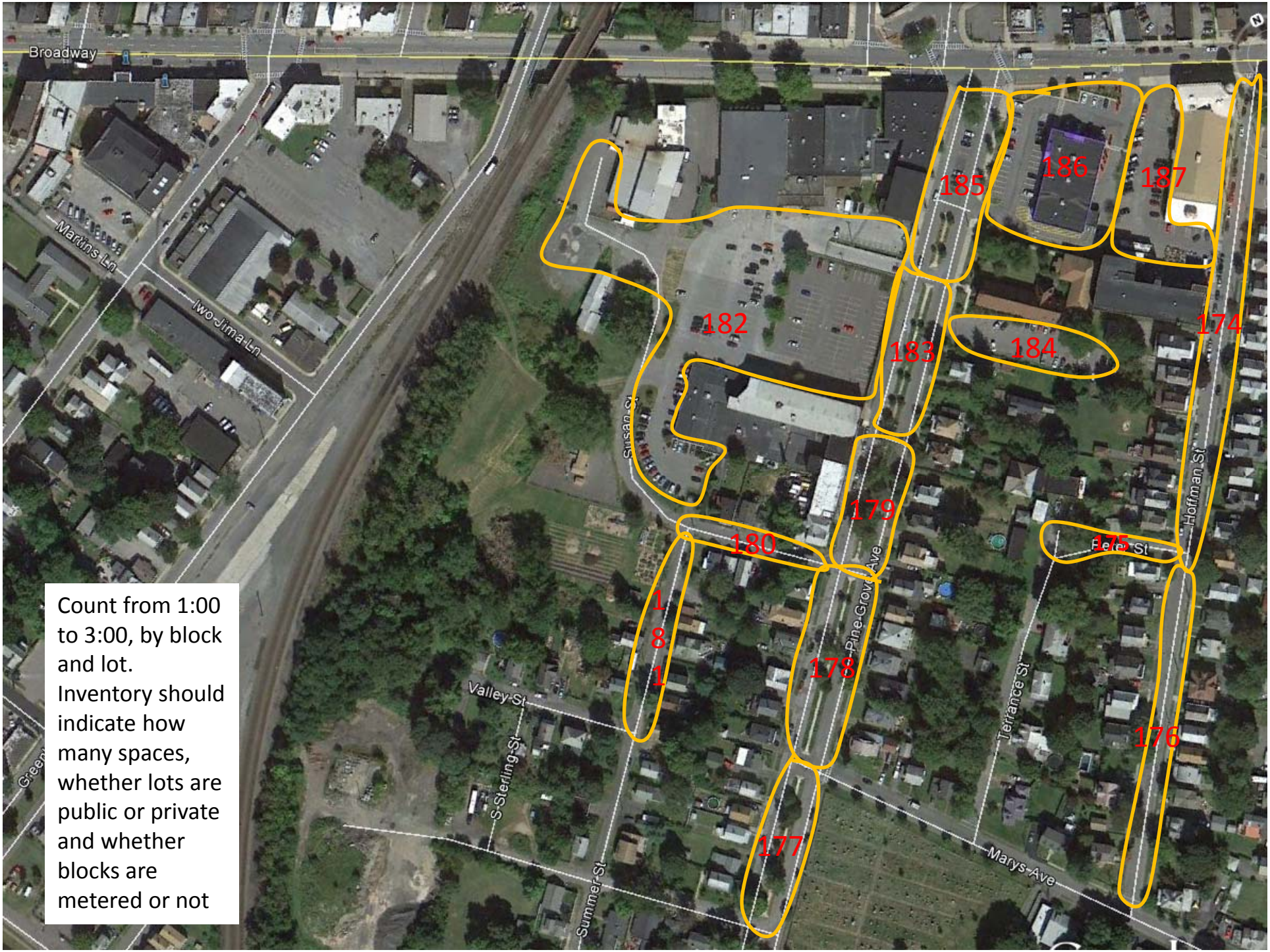




Count from 1:00 to 3:00, by block and lot. Inventory should indicate how many spaces, whether lots are public or private and whether blocks are metered or not



Count from 1:00 to 3:00, by block and lot. Inventory should indicate how many spaces, whether lots are public or private and whether blocks are metered or not



Count from 1:00 to 3:00, by block and lot. Inventory should indicate how many spaces, whether lots are public or private and whether blocks are metered or not

Kingston Parking Surveys

LOT/AREA NUMBER	NUMBER OF SPACES	PARCKED VEHICLES	TIME	METER	NO METER	PRIVATE	PUBLIC
1	69	18	5 40		OK	OK	
2	11	5	5 42	OK			OK
3	15	7	5 43		OK		OK
4	91	12	5 46		OK	OK	
5	25	8	5 47		OK		OK
6	4	0	5 50	OK			OK
7	25	2	5 51		OK	OK	
8	46	15	5 56		OK	OK	
9	20	12	5 58		OK		OK
10	4	4	5 59		OK		OK
11	9	6	6 00		OK		OK
12	10	5	6 01		OK		OK
13	45	7	6 02		OK	OK	
14	5	4	6 04		OK		OK
15	15	15	6 06		OK		OK
16	64	6	6 09		OK	OK	
17	16	3	6 12		OK	OK	
18	34	12	6 13	OK			OK
19	8	4	6 15		OK		OK
20	8	2	6 17		OK	OK	
21	7	1	6 18		OK	OK	
22	39	18	6 21		OK	OK	
23	64	9	6 25		OK	OK	
24	15	10	6 28		OK	OK	
25	11	3	6 30	OK			OK
26	5	3	6 31		OK	OK	
27	8	0	6 32		OK	OK	
28	22	7	6 34		OK		OK
29	28	15	6 40		OK	OK	
Totals	**723**	**213**					

Kingston Parking Surveys

LOT/AREA NUMBER	NUMBER OF SPACES	PARCKED VEHICLES	TIME	METER	NO METER	PRIVATE	PUBLIC
30	18	5	4 52		OK	OK	
31	28	4	4 53		OK		OK
32	20	7	4 54		OK		OK
33	32	10	4 55		OK	OK	
34	20	7	4 56		OK		OK
35	18	3	4 57		OK		OK
36	NO PARKING	0	4 59		OK		OK
37	20	8	5 00		OK		OK
38	15	6	5 03	OK			OK
39	18	0	5 04		OK	OK	
40	14	2	5 06		OK	OK	
41	20	0	5 07	OK			OK
42	21	4	5 08	OK			OK
43	10	6	5 09		OK	OK	
44	18	2	5 10		OK	OK	
45	48	7	5 12		OK	OK	
46	10	3	5 13		OK	OK	
47	32	1	5 14		OK	OK	
48	21	6	5 15		OK		OK
49	17	9	5 17		OK	OK	
50	12	6	5 18		OK	OK	
51	15	13	5 19		OK	OK	
52	10	2	5 21		OK		OK
53	37	23	5 23		OK	OK	
54	6	0	5 25		OK		OK
55	36	5	5 28		OK	OK	
56	2	0	5 30		OK		OK
57	18	6	5 31		OK	OK	
58	15	11	5 33	OK			OK
59	40	2	5 35		OK		OK
60	NO PARKING	0	5 36		OK	OK	
Totals	**591**	**158**					

Kingston Parking Surveys

LOT/AREA NUMBER	NUMBER OF SPACES	PARCKED VEHICLES	TIME	METER	NO METER	PRIVATE	PUBLIC
61	5	1	4 20	OK			OK
62	2	1	4 22		OK		OK
63	128	47	4 26		OK	OK	
64	5	0	4 27		OK		OK
65	9	8	4 28		OK	OK	
66	130	107	4 32		OK	OK	
67	162	60	4 37		OK		OK
68	32	7	4 40		OK	OK	
69	81	47	4 43		OK		OK
70	5	3	4 44		OK	OK	
71	4	0	4 45		OK		OK
72	11	7	4 46		OK		OK
73	26	12	4 47		OK		OK
74	4	4	4 48	OK			OK
Totals	**604**	**304**					

Kingston Parking Surveys

LOT/AREA NUMBER	NUMBER OF SPACES	PARCKED VEHICLES	TIME	METER	NO METER	PRIVATE	PUBLIC
75	8	8	1 00	OK			OK
76	18	5	1 05		OK		OK
77	54	20	1 08		OK	OK	
78	6	2	1 10		OK	OK	
79	68	30	1 17		OK	OK	
80	4	0	1 20		OK	OK	
81	NO PARKING	0	1 24	OK			OK
82	19	4	1 26		OK	OK	
83	3	0	1 30		OK		OK
84	31	12	1 35		OK	OK	
85	16	3	1 38	OK			OK
86	43	13	1 42		OK	OK	
87	56	10	1 47		OK	OK	
88	7	0	2 10		OK		OK
89	16	3	2 12		OK	OK	
90	38	12	2 15		OK		OK
91	8	3	2 16		OK		OK
92	5	0	2 18		OK		OK
93	33	0	2 15		OK		OK
94	12	2	2 16		OK		OK
95	28	0	2 17		OK		OK
96	11	2	2 18		OK		OK
97	6	1	2 19		OK		OK
98	22	20	2 20		OK	OK	
99	138	61	2 23		OK		OK
100	13	12	2 25		OK		OK
101	56	30	2 27		OK	OK	
102	19	7	2 30	OK			OK
103	5	5	2 31		OK	OK	
104	6	0	2 32		OK	OK	
105	11	8	2 33	OK			OK
106	8	8	2 34		OK	OK	
107	9	2	2 35		OK		OK
108	20	9	2 36		OK		OK
109	7	4	2 39		OK		OK
Totals	**804**	**296**					

Kingston Parking Surveys

LOT/AREA NUMBER	NUMBER OF SPACES	PARCKED VEHICLES	TIME	METER	NO METER	PRIVATE	PUBLIC
110	13	3	2 20		OK		OK
111	6	4	2 22		OK		OK
112	14	0	2 25		OK		OK
113	10	0	2 27		OK		OK
114	10	6	2 30		OK		OK
115	7	7	2 34		OK		OK
116	4	1	2 36		OK	OK	
117	4	4	2 38		OK	OK	
118	125	37	2 43		OK	OK	
119	17	9	2 45		OK		OK
120	140	38	2 55		OK	OK	
121	NO PARKING	0	2 57		OK		OK
122	143	107	3 08		OK	OK	
123	12	5	3 11		OK		OK
124	NO PARKING	0	3 12		OK		OK
125	112	26	3 15		OK	OK	
126 A	NO PARKING	0	3 17		OK		OK
126 B	18	2	3 20		OK	OK	
127	37	15	3 22		OK	OK	
128	10	1	3 25		OK	OK	
129	9	1	3 27		OK	OK	
130	20	3	3 30		OK	OK	
131	36	18	3 37		OK	OK	
132	NO PARKING	0	3 40		OK		OK
133	36	17	3 44		OK	OK	
134	NO PARKING	0	3 45				
135	6	2	3 47		OK	OK	
Totals	**789**	**306**					

Kingston Parking Surveys

LOT/AREA NUMBER	NUMBER OF SPACES	PARCKED VEHICLES	TIME	METER	NO METER	PRIVATE	PUBLIC
136	NO PARKING	0	3 52		OK		OK
137	NO PARKING	0	3 53		OK		OK
138	9	2	3 55	OK		OK	
139	11	10	3 57		OK	OK	
140	13	4	3 59		OK		OK
141	**no Lot 141 on maps**						
142	8	1	4 01		OK		OK
143	28	9	4 02		OK		OK
144	6	4	4 03		OK	OK	
145	22	12	4 04		OK	OK	
146	15	6	4 05	OK			OK
147	4	1	4 06	OK			OK
148	26	9	4 10		OK	OK	
149	9	5	4 13	OK			OK
150	73	11	4 17		OK	OK	
151	7	7	4 20		OK	OK	
152	10	7	4 22		OK		OK
153	NO PARKING	0	4 23		OK		OK
154	28	10	4 25		OK		OK
155	34	9	4 27		OK		OK
156	13	2	4 28		OK		OK
157	10	2	4 29		OK		OK
158	17	3	4 30		OK		OK
159	8	0	4 31		OK		OK
160	82	21	4 37		OK	OK	
161	127	21	4 43		OK	OK	
162	15	7	4 45		OK	OK	
163	NO PARKING	0	7 12		OK	OK	
164	16	8	7 13		OK		OK
165	18	7	7 15		OK		OK
166	32	12	7 18		OK	OK	
167	28	11	7 20		OK	OK	
168	31	11	7 21	OK			OK
169	41	36	7 22	OK			OK
170	7	0	7 23	OK			OK
171	16	2	7 24		OK	OK	
172	15	7	7 25		OK	OK	
173	31	4	7 28		OK	OK	
Totals	**810**	**261**					

Kingston Parking Surveys

LOT/AREA NUMBER	NUMBER OF SPACES	PARCKED VEHICLES	TIME	METER	NO METER	PRIVATE	PUBLIC
174	26	3	2 45		OK		OK
175	3	0	2 46		OK	OK	
176	31	1	2 47		OK	OK	
177	14	8	2 50		OK		OK
178	19	2	2 51		OK		OK
179	6	0	2 52		OK		OK
180	4	2	2 53		OK		OK
181	5	3	2 54		OK		OK
182	185	94	3 01		OK	OK	
183	9	0	3 02		OK		OK
184	30	0	3 04		OK	OK	
185	12	6	3 05		OK		OK
186	54	18	3 07		OK	OK	
187	22	18	3 09		OK	OK	
Totals	**420**	**155**					
188	20	24	3 15		OK		OK
189	102	23	3 19		OK		OK
190	4	0	3 20		OK		OK
191	7	4	3 22		OK	OK	
192	6	3	3 23		OK		OK
193	24	7	3 24		OK	OK	
194	NO PARKING	0	3 25		OK		OK
195	30	7	3 27		OK		OK
196	24	3	3 30		OK		OK
197	7	0	3 31		OK	OK	
198	7	0	3 32		OK		OK
199	27	16	3 34		OK	OK	
200	7	7	3 35		OK		OK
201	7	0	3 38		OK	OK	
202	9	0	3 39		OK	OK	
203	30	2	3 41		OK	OK	
204	30	11	3 42	OK			OK
205	20	4	3 45	OK			OK
Totals	**361**	**111**					

Kingston Parking Surveys

LOT/AREA NUMBER	NUMBER OF SPACES	PARCKED VEHICLES	TIME	METER	NO METER	PRIVATE	PUBLIC
206	9	7	3 50		OK		OK
207	4	1	3 51		OK		OK
208	8	3	3 54		OK		OK
209	5	0	3 55		OK	OK	
210	4	0	3 55		OK	OK	
211	14	8	3 57		OK	OK	
212	32	18	3 58		OK		OK
213	24	8	3 59		OK		OK
214	10	5	4 00		OK		OK
215	13	2	4 01		OK		OK
216	12	4	4 02		OK		OK
217	10	1	4 04		OK		OK
218	8	1	4 05		OK		OK
219	48	5	4 08		OK	OK	
220	11	11	4 10		OK	OK	
221	8	4	4 11		OK	OK	

Intersection & Network Analysis Results
(Synchro)

Network Totals

Number of Intersections	27
Total Delay / Veh (s/v)	7
Stops / Veh	0.29
Average Speed (mph)	13
Total Travel Time (hr)	131
Distance Traveled (mi)	1762
Fuel Consumed (gal)	169
Fuel Economy (mpg)	10.4
CO Emissions (kg)	11.82
NOx Emissions (kg)	2.30
VOC Emissions (kg)	2.74
Unserved Vehicles (#)	0
Vehicles in dilemma zone (#)	0
Performance Index	93.8

2: Broadway & W. Chester St

Lane Group	EBL	EBT	WBL	WBT	NBT	SBT	All
Volume (vph)	85	479	15	415	160	262	1416
Total Delay / Veh (s/v)	11	14	9	13	22	31	18
Stops / Veh	0.52	0.63	0.53	0.56	0.68	0.79	0.63
Average Speed (mph)	9	8	11	9	6	5	7
Total Travel Time (hr)	0	3	0	3	1	3	10
Distance Traveled (mi)	4	22	1	23	8	13	71
Fuel Consumed (gal)	1	3	0	3	2	3	12
Fuel Economy (mpg)	NA	6.4	NA	8.0	4.8	4.0	5.9

3: Broadway & Elmendorf St

Lane Group	EBT	WBL	WBT	SBT	All
Volume (vph)	810	30	591	93	1524
Total Delay / Veh (s/v)	14	6	9	21	12
Stops / Veh	0.60	0.33	0.46	0.44	0.53
Average Speed (mph)	13	16	12	14	13
Total Travel Time (hr)	7	0	2	1	10
Distance Traveled (mi)	88	2	30	13	133
Fuel Consumed (gal)	8	0	4	1	13
Fuel Economy (mpg)	11.1	NA	7.8	11.3	10.1

6: Broadway & Foxhall Ave

Lane Group	EBT	WBT	SBL	All
Volume (vph)	559	440	131	1130
Total Delay / Veh (s/v)	48	23	9	34
Stops / Veh	0.90	0.74	0.30	0.77
Average Speed (mph)	4	4	17	4
Total Travel Time (hr)	9	3	1	13
Distance Traveled (mi)	31	14	13	59
Fuel Consumed (gal)	9	4	1	13
Fuel Economy (mpg)	3.6	3.8	13.0	4.4

9: Broadway & Franklin St

Lane Group	EBT	WBT	NEL	All
Volume (vph)	752	679	112	1543
Total Delay / Veh (s/v)	0	1	17	2
Stops / Veh	0.00	0.22	1.00	0.17
Average Speed (mph)	32	25	15	24
Total Travel Time (hr)	1	1	1	3
Distance Traveled (mi)	38	27	15	80
Fuel Consumed (gal)	2	2	2	5
Fuel Economy (mpg)	25.1	12.5	9.2	15.2

11: Broadway & Downs St

Lane Group	EBT	WBT	SWL	All
Volume (vph)	836	655	77	1568
Total Delay / Veh (s/v)	1	0	14	1
Stops / Veh	0.18	0.00	1.00	0.14
Average Speed (mph)	27	31	15	24
Total Travel Time (hr)	1	0	1	2
Distance Traveled (mi)	33	13	9	55
Fuel Consumed (gal)	2	1	1	4
Fuel Economy (mpg)	13.7	NA	9.0	14.0

13: Broadway & Van Buren St

Lane Group	EBT	WBT	All
Volume (vph)	780	689	1469
Total Delay / Veh (s/v)	0	1	0
Stops / Veh	0.00	0.12	0.06
Average Speed (mph)	31	29	29
Total Travel Time (hr)	0	1	2
Distance Traveled (mi)	16	43	58
Fuel Consumed (gal)	1	2	3
Fuel Economy (mpg)	NA	18.6	20.0

15: Broadway & O'Neil St

Lane Group	EBT	WBT	NBL	NBT	SBL	SBT	All
Volume (vph)	729	669	40	50	45	112	1645
Total Delay / Veh (s/v)	13	13	18	17	18	12	14
Stops / Veh	0.64	0.63	0.75	0.74	0.78	0.46	0.64
Average Speed (mph)	11	4	5	5	16	19	10
Total Travel Time (hr)	4	3	0	0	0	1	9
Distance Traveled (mi)	45	12	1	1	8	19	86
Fuel Consumed (gal)	7	5	0	0	1	1	14
Fuel Economy (mpg)	6.7	2.6	NA	NA	NA	14.0	6.0

18: Broadway & Cornell St

Lane Group	EBT	WBT	NET	SWT	All
Volume (vph)	751	681	278	246	1956
Total Delay / Veh (s/v)	26	22	15	21	22
Stops / Veh	0.80	0.73	0.46	0.64	0.71
Average Speed (mph)	10	6	20	13	11
Total Travel Time (hr)	8	5	4	3	19
Distance Traveled (mi)	79	28	72	34	213
Fuel Consumed (gal)	11	7	4	3	26
Fuel Economy (mpg)	7.3	3.9	16.0	10.3	8.2

21: Henry St Right Turn & Henry St

Lane Group	SBR	NEL	All
Volume (vph)	155	156	311
Total Delay / Veh (s/v)	0	0	0
Stops / Veh	0.00	0.00	0.00
Average Speed (mph)	30	30	30
Total Travel Time (hr)	0	1	1
Distance Traveled (mi)	4	27	31
Fuel Consumed (gal)	0	1	1
Fuel Economy (mpg)	NA	24.3	24.3

22: Broadway & Henry St Right Turn

Lane Group	EBT	WBT	NBR	All
Volume (vph)	685	670	66	1421
Total Delay / Veh (s/v)	0	0	9	0
Stops / Veh	0.00	0.00	1.00	0.05
Average Speed (mph)	30	31	9	29
Total Travel Time (hr)	0	2	0	3
Distance Traveled (mi)	13	70	2	85
Fuel Consumed (gal)	1	3	1	4
Fuel Economy (mpg)	NA	24.7	NA	21.6

23: Broadway & Dederick St

Lane Group	EBL	EBT	WBT	SBL	All
Volume (vph)	5	881	793	10	1689
Total Delay / Veh (s/v)	11	0	0	22	0
Stops / Veh	2.20	0.00	0.00	1.00	0.01
Average Speed (mph)	19	32	31	6	31
Total Travel Time (hr)	0	4	1	0	4
Distance Traveled (mi)	1	118	17	0	136
Fuel Consumed (gal)	0	5	1	0	6
Fuel Economy (mpg)	NA	25.1	NA	NA	24.2

25: Broadway & Grand St

Lane Group	EBL	EBT	EBR	WBL	WBT	NBT	NBR	SBT	SBR	All
Volume (vph)	262	502	123	37	496	90	39	71	282	1902
Total Delay / Veh (s/v)	16	11	2	20	36	30	10	29	7	19
Stops / Veh	0.47	0.52	0.08	0.70	0.85	0.81	0.26	0.80	0.13	0.53
Average Speed (mph)	4	5	17	11	7	8	16	2	8	7
Total Travel Time (hr)	1	2	0	0	7	1	0	1	1	13
Distance Traveled (mi)	5	10	3	4	48	9	4	1	6	90
Fuel Consumed (gal)	2	3	0	0	8	1	0	1	1	16
Fuel Economy (mpg)	3.2	3.7	NA	NA	6.3	6.6	NA	NA	NA	5.6

29: Prince Street & Grand St

Lane Group	EBT	WBT	NBT	SBT	All
Volume (vph)	10	50	337	293	690
Total Delay / Veh (s/v)	10	16	0	0	1
Stops / Veh	1.00	1.00	0.06	0.00	0.12
Average Speed (mph)	5	6	27	30	26
Total Travel Time (hr)	0	0	0	2	2
Distance Traveled (mi)	0	2	7	48	57
Fuel Consumed (gal)	0	1	0	2	3
Fuel Economy (mpg)	NA	NA	NA	24.3	19.0

32: Broadway & E. O'Reilly St

Lane Group	EBT	WBT	NBT	SBT	All
Volume (vph)	531	490	142	119	1282
Total Delay / Veh (s/v)	11	3	38	31	13
Stops / Veh	0.52	0.11	0.82	0.73	0.42
Average Speed (mph)	9	13	7	8	9
Total Travel Time (hr)	3	1	2	1	7
Distance Traveled (mi)	25	13	14	12	65
Fuel Consumed (gal)	3	1	2	2	9
Fuel Economy (mpg)	7.5	11.7	6.2	6.8	7.6

35: Broadway & City Hall Entrance

Lane Group	EBT	WBT	All
Volume (vph)	511	475	986
Total Delay / Veh (s/v)	1	0	0
Stops / Veh	0.13	0.00	0.07
Average Speed (mph)	17	22	20
Total Travel Time (hr)	0	1	1
Distance Traveled (mi)	5	14	19
Fuel Consumed (gal)	1	1	1
Fuel Economy (mpg)	NA	NA	15.8

37: Broadway & City Hall Exit

Lane Group	EBT	WBT	SWL	All
Volume (vph)	466	480	50	996
Total Delay / Veh (s/v)	0	0	13	1
Stops / Veh	0.00	0.00	1.00	0.05
Average Speed (mph)	24	22	13	20
Total Travel Time (hr)	0	1	0	2
Distance Traveled (mi)	5	23	4	32
Fuel Consumed (gal)	0	1	1	2
Fuel Economy (mpg)	NA	21.0	NA	16.8

39: Broadway & High School Entrance

Lane Group	EBT	WBT	All
Volume (vph)	486	510	996
Total Delay / Veh (s/v)	0	1	0
Stops / Veh	0.00	0.11	0.06
Average Speed (mph)	23	17	21
Total Travel Time (hr)	1	0	1
Distance Traveled (mi)	13	5	19
Fuel Consumed (gal)	1	0	1
Fuel Economy (mpg)	NA	NA	16.8

41: Broadway & High School Exit

Lane Group	EBT	WBT	NBL	All
Volume (vph)	486	445	60	991
Total Delay / Veh (s/v)	0	0	14	1
Stops / Veh	0.00	0.00	1.00	0.06
Average Speed (mph)	23	23	12	20
Total Travel Time (hr)	1	0	0	2
Distance Traveled (mi)	23	5	5	32
Fuel Consumed (gal)	1	0	1	2
Fuel Economy (mpg)	21.4	NA	NA	16.3

43: high school entrance & high school exit

Lane Group	NBR	SBT	All
Volume (vph)	40	40	80
Total Delay / Veh (s/v)	0	0	0
Stops / Veh	0.00	0.00	0.00
Average Speed (mph)	30	30	30
Total Travel Time (hr)	0	0	0
Distance Traveled (mi)	1	1	2
Fuel Consumed (gal)	0	0	0
Fuel Economy (mpg)	NA	NA	NA

44: Broadway & Thomas Street

Lane Group	EBT	WBT	All
Volume (vph)	891	785	1676
Total Delay / Veh (s/v)	0	0	0
Stops / Veh	0.04	0.00	0.02
Average Speed (mph)	31	31	31
Total Travel Time (hr)	1	3	5
Distance Traveled (mi)	37	105	142
Fuel Consumed (gal)	2	4	6
Fuel Economy (mpg)	21.1	24.7	23.6

46: Broadway & Andrew St

Lane Group	EBT	WBT	NBL	All
Volume (vph)	487	490	126	1103
Total Delay / Veh (s/v)	0	1	19	3
Stops / Veh	0.00	0.29	1.00	0.24
Average Speed (mph)	24	19	7	16
Total Travel Time (hr)	1	1	1	3
Distance Traveled (mi)	14	27	6	47
Fuel Consumed (gal)	1	2	1	4
Fuel Economy (mpg)	NA	14.7	4.0	12.1

48: Broadway & Hoffman St

Lane Group	EBT	WBT	NEL	All
Volume (vph)	561	542	21	1124
Total Delay / Veh (s/v)	0	1	15	1
Stops / Veh	0.00	0.12	1.00	0.08
Average Speed (mph)	24	20	16	22
Total Travel Time (hr)	2	1	0	4
Distance Traveled (mi)	55	26	3	83
Fuel Consumed (gal)	2	1	0	4
Fuel Economy (mpg)	21.8	17.4	NA	19.4

51: Broadway & Delaware Ave Ped Signal

Lane Group	EBT	WBT	All
Volume (vph)	616	420	1036
Total Delay / Veh (s/v)	30	16	24
Stops / Veh	0.73	0.61	0.68
Average Speed (mph)	3	2	2
Total Travel Time (hr)	6	2	8
Distance Traveled (mi)	14	3	18
Fuel Consumed (gal)	6	2	8
Fuel Economy (mpg)	2.4	1.5	2.1

53: Delawar Avenue Ped Signal & Delaware Ave

Lane Group	EBT	WBT	All
Volume (vph)	616	440	1056
Total Delay / Veh (s/v)	4	0	3
Stops / Veh	0.86	0.00	0.50
Average Speed (mph)	5	22	13
Total Travel Time (hr)	1	1	2
Distance Traveled (mi)	5	16	21
Fuel Consumed (gal)	3	1	3
Fuel Economy (mpg)	1.9	NA	6.1

56: Broadway & Orchard St.

Lane Group	EBT	WBT	NBL	All
Volume (vph)	597	420	101	1118
Total Delay / Veh (s/v)	0	1	17	2
Stops / Veh	0.00	0.26	1.00	0.19
Average Speed (mph)	24	16	5	18
Total Travel Time (hr)	1	1	1	3
Distance Traveled (mi)	33	10	3	46
Fuel Consumed (gal)	2	1	1	3
Fuel Economy (mpg)	21.8	NA	3.0	13.3

58: Broadway & Brewster St

Lane Group	EBT	WBT	All
Volume (vph)	564	450	1014
Total Delay / Veh (s/v)	0	0	0
Stops / Veh	0.00	0.07	0.03
Average Speed (mph)	24	21	22
Total Travel Time (hr)	1	1	2
Distance Traveled (mi)	18	19	38
Fuel Consumed (gal)	1	1	2
Fuel Economy (mpg)	NA	18.6	20.0

60: Broadway & Staples St

Lane Group	EBT	WBT	NBL	All
Volume (vph)	544	430	40	1014
Total Delay / Veh (s/v)	0	0	15	1
Stops / Veh	0.00	0.00	1.00	0.04
Average Speed (mph)	24	22	6	21
Total Travel Time (hr)	1	1	0	2
Distance Traveled (mi)	23	20	1	45
Fuel Consumed (gal)	1	1	0	2
Fuel Economy (mpg)	21.8	NA	NA	18.5

Network Totals

Number of Intersections	27
Total Delay / Veh (s/v)	7
Stops / Veh	0.29
Average Speed (mph)	13
Total Travel Time (hr)	131
Distance Traveled (mi)	1762
Fuel Consumed (gal)	169
Fuel Economy (mpg)	10.4
Performance Index	93.8