

Beekman Street Complete Streets Analysis -- Appendices

Traffic Data

Poughkeepsie-Dutchess County Transportation Council Traffic Count Hourly Report

ROAD #: _____	ROAD NAME: BEEKMAN ST	FROM: 9D NORTH AVE	TO: RED FLYNN DR	COUNTY: Dutchess
DIRECTION: Northbound	FACTOR GROUP: 30	REC. SERIAL #: 0046	FUNC. CLASS: 17	CITY: BEACON
STATE DIR CODE: 1	WK OF YR: 24	PLACEMENT: 50YDS NORTH OF W.MAIN	NHS: no	LION#: _____
DATE OF COUNT: 06/09/2014		@ REF MARKER: _____	JURIS: County	BIN: _____
NOTES LANE 1: NB TRAVEL LANE		ADDL DATA: _____	CC Stn: _____	RR CROSSING: _____
		COUNT TYPE: VEHICLES	BATCH ID: MPD-TriState Files	HPMS SAMPLE: 3011693
COUNT TAKEN BY: _____	ORG CODE: TST INITIALS: KAJ	PROCESSED BY: _____	ORG CODE: MPD INITIALS: ED	

DATE	DAY	AM												PM												DAILY TOTAL	DAILY HIGH COUNT	DAILY HIGH HOUR										
		12 TO 1	1 TO 2	2 TO 3	3 TO 4	4 TO 5	5 TO 6	6 TO 7	7 TO 8	8 TO 9	9 TO 10	10 TO 11	11 TO 12	12 TO 1	1 TO 2	2 TO 3	3 TO 4	4 TO 5	5 TO 6	6 TO 7	7 TO 8	8 TO 9	9 TO 10	10 TO 11	11 TO 12													
1	S																																					
2	M																																					
3	T																																					
4	W																																					
5	T																																					
6	F																																					
7	S																																					
8	S																																					
9	M												79	96	102	97	145	207	231	357	245	175	135	55	46													
10	T	39	28	16	7	24	52	168	127	137	82	85	82	97	91	95	134	236	248	365	287	203	139	60	51	2853	365	18										
11	W	44	31	24	7	26	47	138	150	129	75	102	80	97	84	96	150	215	273	376	276	204	138	68	57	2887	376	18										
12	T	50	30	22	14	22	39	138	133	139	82	84	92	95	103	113	137	243	245	361	267	221	137	72	62	2901	361	18										
13	F	73	37	20	8	24	45	131	128	111	68	93	82	87	85	149	192	275	273	281	259	193	144	63	54	2875	281	18										
14	S	71	55	25	16	14	11	41	47	76	133	128	126	157	174	183	194	173	235	200	153	121	126	95	69	2623	235	17										
15	S	53	49	17	10	17	12	28	33	71	97	160	180	268	313	418	476	331	453	300	228	169	117	72	43	3915	476	15										
16	M	37	18	11	12	35	61	159	155	139	102	102	85	101	115	120	173	239	253	360	282	197	139	66	60	3021	360	18										
17	T	61	27	24	7	21	48	155	148	126	103	79	88	104	116	101	157	259	258	317	272	236	152	76	78	3013	317	18										
18	W	91	38	29	13	25	47	123	161	126	66	92	92																									
19	T																																					
20	F																																					
21	S																																					
22	S																																					
23	M																																					
24	T																																					
25	W																																					
26	T																																					
27	F																																					
28	S																																					
29	S																																					
30	M																																					

AVERAGE WEEKDAY HOURS (Axle Factored, Mon 6AM to Fri Noon)														ADT										
60	32	22	9	24	46	145	143	130	83	91	85	98	102	104	149	233	251	356	272	206	140	66	59	2906
<u>DAYS Counted</u>	<u>HOURS Counted</u>	<u>WEEKDAYS Counted</u>	<u>WEEKDAY Hours</u>	<u>AVERAGE WEEKDAY</u>		<u>Axle Adj. Factor</u>	<u>Seasonal/Weekday Adjustment Factor</u>	ESTIMATED (one way)																
10	217	7	151	356	12%	1.000	1.108	<div style="background-color: yellow; display: inline-block; padding: 2px 10px;">AADT</div> <div style="background-color: yellow; display: inline-block; padding: 2px 10px;">2623</div>																

Poughkeepsie-Dutchess County Transportation Council Traffic Count Hourly Report

ROAD #: _____	ROAD NAME: BEEKMAN ST	FROM: 9D NORTH AVE	TO: RED FLYNN DR	COUNTY: Dutchess
DIRECTION: Southbound	FACTOR GROUP: 30	REC. SERIAL #: 0046	FUNC. CLASS: 17	CITY: BEACON
STATE DIR CODE: 2	WK OF YR: 24	PLACEMENT: 50YDS NORTH OF W.MAIN	NHS: no	LION#: _____
DATE OF COUNT: 06/09/2014		@ REF MARKER: _____	JURIS: County	BIN: _____
NOTES LANE 1: SB TRAVEL LANE		ADDL DATA: _____	CC Stn: _____	RR CROSSING: _____
		COUNT TYPE: VEHICLES	BATCH ID: MPD-TriState Files	HPMS SAMPLE: 3011693
COUNT TAKEN BY: _____ ORG CODE: TST INITIALS: KAJ		PROCESSED BY: _____ ORG CODE: MPD INITIALS: ED		

DATE	DAY	AM												PM												DAILY TOTAL	DAILY HIGH COUNT	DAILY HIGH HOUR
		12 TO 1	1 TO 2	2 TO 3	3 TO 4	4 TO 5	5 TO 6	6 TO 7	7 TO 8	8 TO 9	9 TO 10	10 TO 11	11 TO 12	12 TO 1	1 TO 2	2 TO 3	3 TO 4	4 TO 5	5 TO 6	6 TO 7	7 TO 8	8 TO 9	9 TO 10	10 TO 11	11 TO 12			
1	S																											
2	M																											
3	T																											
4	W																											
5	T																											
6	F																											
7	S																											
8	S																											
9	M																											
10	T	9	5	4	23	172	309	552	314	177	117	99	115	107	108	131	90	121	123	140	132	84	79	43	21			
11	W	7	16	5	18	175	276	521	309	160	110	108	113	99	97	107	102	133	155	147	139	91	73	52	36	3049	521	6
12	T	8	7	5	27	158	280	521	329	174	99	129	115	141	127	120	109	119	130	157	155	108	71	52	41	3182	521	6
13	F	15	8	7	20	156	257	454	263	164	94	128	104	113	130	138	141	205	217	176	174	127	84	53	41	3269	454	6
14	S	21	18	12	10	48	55	62	81	126	171	221	197	196	188	241	202	178	174	152	122	99	81	47	36	2738	241	14
15	S	20	15	10	4	35	25	53	64	164	182	314	403	568	533	509	316	199	177	194	186	133	73	45	34	4256	568	12
16	M	12	4	6	21	182	297	542	328	180	139	120	146	126	123	121	130	136	153	134	137	114	69	52	35	3307	542	6
17	T	12	10	11	22	171	274	574	331	178	131	112	115	124	105	117	126	167	170	140	166	132	71	75	43	3377	574	6
18	W	10	13	8	26	172	305	515	307	181	97	111	129															
19	T																											
20	F																											
21	S																											
22	S																											
23	M																											
24	T																											
25	W																											
26	T																											
27	F																											
28	S																											
29	S																											
30	M																											

AVERAGE WEEKDAY HOURS (Axle Factored, Mon 6AM to Fri Noon)															ADT									
10	10	7	23	167	284	526	312	173	112	115	117	116	112	116	111	138	148	144	145	103	71	55	33	3148
<u>DAYS Counted</u>	<u>HOURS Counted</u>	<u>WEEKDAYS Counted</u>	<u>WEEKDAY Hours</u>	<u>AVERAGE WEEKDAY</u>		<u>Axle Adj. Factor</u>	<u>Seasonal/Weekday Adjustment Factor</u>		ESTIMATED (one way)															
				High Hour	% of day			<div style="border: 1px solid black; padding: 5px; display: inline-block;"> AADT 2841 </div>																
10	217	7	151	526	17%	1.000	1.108																	

**Poughkeepsie-Dutchess County Transportation Council
Speed Count Average Weekday Report**

Station: 821009
Road #: Road name: **BEEKMAN ST**
From: 9D NORTH AVE
To: RED FLYNN DR
Direction: North

Start date: Mon 06/09/2014 11:00
End date: Wed 06/18/2014 12:45
County: Dutchess
Town: BEACON
Speed limit: 30
LION#:

Count duration: 218 hours
Functional class: 17
Factor group: 30
Batch ID: MPD-TriState Files
Count taken by: Org: TST Init: KAJ
Processed by: Org: MPD Init: ED

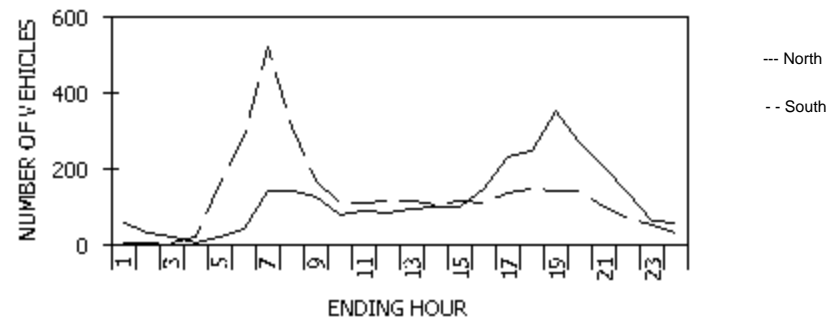
Speeds, mph

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	2	19	29	9	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	30.9	31.5	35.1	59
2:00	0	1	9	14	7	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	31.6	32.2	37.3	32
3:00	0	1	6	10	4	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	31.4	32.0	37.2	22
4:00	0	0	2	4	3	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	32.6	33.2	37.8	9
5:00	0	1	4	9	8	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	32.7	33.7	38.5	23
6:00	0	0	9	19	13	5	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	33.4	33.7	39.3	46
7:00	0	2	18	63	51	9	1	0	0	0	0	0	0	0.7	0.0	0.0	0.0	0.0	33.7	34.2	38.9	144
8:00	0	1	21	66	45	9	1	0	0	0	0	0	0	0.7	0.0	0.0	0.0	0.0	33.5	33.8	38.8	143
9:00	2	8	25	58	31	5	1	0	0	0	0	0	0	0.8	0.0	0.0	0.0	0.0	31.2	32.6	37.9	130
10:00	1	6	24	32	17	3	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	30.5	31.7	37.3	83
11:00	2	7	26	38	15	3	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	29.9	31.4	36.5	91
12:00	1	8	28	32	13	3	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	29.8	30.9	36.3	85
13:00	1	9	34	40	10	2	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	29.5	30.6	34.8	96
14:00	3	7	34	36	18	4	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	29.5	31.0	36.9	102
15:00	1	8	31	44	16	3	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	30.2	31.4	36.2	103
16:00	2	12	45	64	23	2	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	29.9	31.2	35.7	148
17:00	17	31	68	76	30	8	2	0	0	0	0	0	0	0.9	0.0	0.0	0.0	0.0	27.3	30.0	35.9	232
18:00	34	32	72	70	33	9	1	0	0	0	0	0	0	0.4	0.0	0.0	0.0	0.0	25.5	29.2	35.9	251
19:00	129	38	68	76	36	8	1	0	0	0	0	0	0	0.3	0.0	0.0	0.0	0.0	20.5	25.9	34.5	356
20:00	62	24	70	76	33	6	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	23.3	28.6	34.9	271
21:00	25	29	67	66	15	3	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	25.3	28.7	34.1	205
22:00	4	13	55	51	16	2	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	28.7	29.9	34.7	141
23:00	1	3	19	28	12	2	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	30.5	31.7	36.8	65
24:00	0	3	19	26	9	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	30.7	31.4	35.8	58
Avg. Daily Total	285	246	773	1027	467	90	7	0	0	0	0	0	0	0.2	0.0	0.0	0.0	0.0	27.1	30.7	36.4	2895
Percent	9.8%	8.5%	26.7%	35.5%	16.1%	3.1%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%									
Cum. Percent	9.8%	18.3%	45.0%	80.5%	96.6%	99.8%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%									
Average hour	12	10	32	43	19	4	0	0	0	0	0	0	0									121

TRAFFIC FLOW BY DIRECTION

	Avg. Speed	50th% Speed	85th% Speed
North	27.1	30.7	36.4
South	31.1	32.1	37.0

Peak Hour Data					
Direction	Hour	Count	2-way A.M. P.M.	Hour	Count
North	19	356		7	669
South	7	525		19	500



**Poughkeepsie-Dutchess County Transportation Council
Speed Count Average Weekday Report**

Station: 821009
Road #: Road name: **BEEKMAN ST**
From: 9D NORTH AVE
To: RED FLYNN DR
Direction: South

Start date: Mon 06/09/2014 11:00
End date: Wed 06/18/2014 12:45
County: Dutchess
Town: BEACON
Speed limit: 30
LION#:

Count duration: 218 hours
Functional class: 17
Factor group: 30
Batch ID: MPD-TriState Files
Count taken by: Org: TST Init: KAJ
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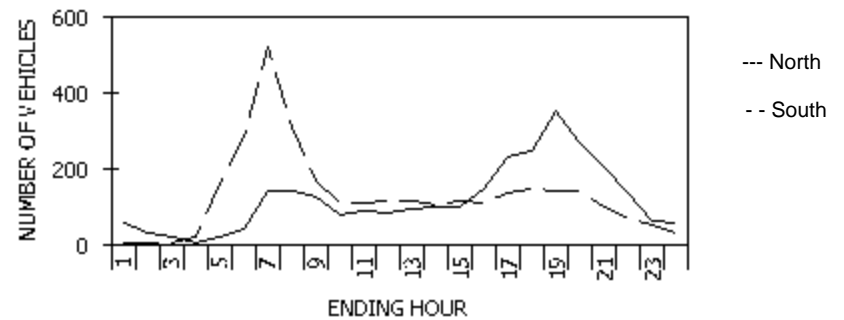
Speeds, mph

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	1	3	3	2	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	31.0	31.7	38.8	10
2:00	0	1	3	4	2	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	30.3	31.3	36.3	10
3:00	0	0	2	3	1	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	31.3	31.7	35.6	6
4:00	0	1	8	9	4	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	30.6	31.2	35.9	22
5:00	0	1	24	84	43	12	2	1	0	0	0	0	0	1.8	0.6	0.0	0.0	0.0	33.5	33.5	38.9	167
6:00	1	7	59	140	65	11	2	0	0	0	0	0	0	0.7	0.0	0.0	0.0	0.0	32.1	32.7	37.8	285
7:00	3	20	113	278	96	12	2	1	0	0	0	0	0	0.6	0.2	0.0	0.0	0.0	31.5	32.3	36.7	525
8:00	2	9	67	153	68	11	2	0	0	0	0	0	0	0.6	0.0	0.0	0.0	0.0	31.8	32.6	37.6	312
9:00	1	9	44	82	30	5	1	0	0	0	0	0	0	0.6	0.0	0.0	0.0	0.0	31.1	32.0	36.8	172
10:00	1	5	30	51	22	3	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	31.0	32.0	36.9	112
11:00	0	6	30	54	20	4	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	31.3	32.0	36.8	114
12:00	2	8	34	53	17	2	1	0	0	0	0	0	0	0.9	0.0	0.0	0.0	0.0	30.0	31.4	35.8	117
13:00	2	8	34	50	19	3	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	30.1	31.4	36.3	116
14:00	2	8	36	45	15	4	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	29.8	31.0	35.9	110
15:00	1	9	37	48	18	3	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	30.1	31.2	36.0	116
16:00	2	7	29	50	18	5	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	30.4	31.8	36.8	111
17:00	2	9	35	60	28	4	1	0	0	0	0	0	0	0.7	0.0	0.0	0.0	0.0	30.7	32.0	37.2	139
18:00	2	10	38	67	26	4	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	30.5	31.8	36.6	147
19:00	3	9	45	64	21	2	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	29.8	31.2	35.4	144
20:00	1	7	44	64	26	2	1	0	0	0	0	0	0	0.7	0.0	0.0	0.0	0.0	30.7	31.7	36.4	145
21:00	1	5	27	48	18	4	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	30.9	32.0	36.9	103
22:00	1	4	18	35	12	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	30.5	31.8	36.0	71
23:00	0	2	14	26	12	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	31.6	32.3	37.0	55
24:00	0	2	11	13	5	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	30.6	31.2	36.2	32
Avg. Daily Total	27	148	785	1484	588	95	12	2	0	0	0	0	0	0.4	0.1	0.0	0.0	0.0	31.1	32.1	37.0	3141
Percent	0.9%	4.7%	25.0%	47.2%	18.7%	3.0%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%									
Cum. Percent	0.9%	5.6%	30.6%	77.8%	96.5%	99.6%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%									
Average hour	1	6	33	62	24	4	0	0	0	0	0	0	0									131

TRAFFIC FLOW BY DIRECTION

	Avg. Speed	50th% Speed	85th% Speed
North	27.1	30.7	36.4
South	31.1	32.1	37.0

Peak Hour Data					
Direction	Hour	Count	2-way A.M. P.M.	Hour	Count
North	19	356		7	669
South	7	525		19	500



Poughkeepsie-Dutchess County Transportation Council Traffic Count Hourly Report

ROAD #:	ROAD NAME: WEST MAIN ST	FROM: BEEKMAN	TO: DEAD END	COUNTY: Dutchess
DIRECTION: Eastbound	FACTOR GROUP: 30	REC. SERIAL #: DS51	FUNC. CLASS: 19	CITY:
STATE DIR CODE: 6	WK OF YR: 19	PLACEMENT: 74 yards E of Bank St	NHS: no	LION#:
DATE OF COUNT: 05/03/2016		@ REF MARKER:	JURIS: County	BIN:
NOTES LANE 1: EB Travel Lane		ADDL DATA:	CC Str:	RR CROSSING:

COUNT TAKEN BY: ORG CODE: TST INITIALS: JA PROCESSED BY: ORG CODE: MPD INITIALS: ST

DATE	DAY	AM											PM											DAILY TOTAL	DAILY HIGH COUNT	DAILY HIGH HOUR																							
		12 TO 1	1 TO 2	2 TO 3	3 TO 4	4 TO 5	5 TO 6	6 TO 7	7 TO 8	8 TO 9	9 TO 10	10 TO 11	11 TO 12	12 TO 1	1 TO 2	2 TO 3	3 TO 4	4 TO 5	5 TO 6	6 TO 7	7 TO 8	8 TO 9	9 TO 10				10 TO 11	11 TO 12																					
1	S																																																
2	M																																																
3	T																																		17	36	20	27	14	7	15	7	4	7					
4	W	1	3	3	2	1	2	7	13	18	14	22	10	16	15	14	32	17	20	12	13	5	7	1	8	256	32	15																					
5	T	3	5	3	1	2	1	11	11	18	19	11	15	19	17	14	41	19	33	12	11	10	5	4	5	290	41	15																					
6	F	2	4	1	3	1	2	10	9	18	15	13	19	7	14	18	36	17	23	18	8	5	13	5	8	269	36	15																					
7	S	10	6	1	0	0	5	5	3	5	8	8	10	9	11	10	11	7	15	6	18	11	9	6	2	176	18	19																					
8	S	4	5	4	0	0	0	0	2	6	6	8	7	6	7	13	9	4	14	2	10	5	4	1	3	120	14	17																					
9	M	1	0	0	1	1	2	5	10	23	17	14	13	19	10	15	41	14	17	11	10	5	5	1	2	237	41	15																					
10	T	5	3	1	0	1	1	9	10	17	16	15	16	14	8	12	44	18	26																														
11	W																																																
12	T																																																
13	F																																																
14	S																																																
15	S																																																
16	M																																																
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20	F																																																
21	S																																																
22	S																																																
23	M																																																
24	T																																																
25	W																																																
26	T																																																
27	F																																																
28	S																																																
29	S																																																
30	M																																																
31	T																																																

AVERAGE WEEKDAY HOURS (Axle Factored, Mon 6AM to Fri Noon)

ADT
268

3 4 2 2 1 2 8 11 19 16 15 15 17 12 14 39 18 25 12 10 9 6 2 6

DAYS Counted	HOURS Counted	WEEKDAYS Counted	WEEKDAY Hours	AVERAGE WEEKDAY		Axle Adj. Factor	Seasonal/Weekday Adjustment Factor	ESTIMATED	
				High Hour	% of day			ADT	
8	172	5	106	39	15%	1.000	1.077	AADT 249	

ROAD #: _____ ROAD NAME: **WEST MAIN ST** FROM: **BEEKMAN** TO: **DEAD END** COUNTY: **Dutchess**
 DIRECTION: Westbound FACTOR GROUP: 30 REC. SERIAL #: DS51 FUNC. CLASS: 19 CITY: _____
 STATE DIR CODE: 7 WK OF YR: 19 PLACEMENT: 74 yards E of Bank St NHS: no LION#: _____
 DATE OF COUNT: 05/03/2016 @ REF MARKER: JURIS: County BIN: _____
 NOTES LANE 1: WB Travel Lane ADDL DATA: CC Str: RR CROSSING: _____
 COUNT TAKEN BY: _____ ORG CODE: TST INITIALS: JA COUNT TYPE: VEHICLES BATCH ID: MPD-CountsToProcess HPMS SAMPLE: _____
 PROCESSED BY: _____ ORG CODE: MPD INITIALS: ST

DATE	DAY	AM												PM												DAILY TOTAL	DAILY HIGH COUNT	DAILY HIGH HOUR
		12 TO 1	1 TO 2	2 TO 3	3 TO 4	4 TO 5	5 TO 6	6 TO 7	7 TO 8	8 TO 9	9 TO 10	10 TO 11	11 TO 12	12 TO 1	1 TO 2	2 TO 3	3 TO 4	4 TO 5	5 TO 6	6 TO 7	7 TO 8	8 TO 9	9 TO 10	10 TO 11	11 TO 12			
1	S																											
2	M																											
3	T																											
4	W	6	1	3	3	108	139	256	214	92	47	47	49	63	35	38	42	45	53	66	54	45	31	22	16	1475	256	6
5	T	5	3	1	2	103	144	245	208	87	67	45	33	72	56	43	44	55	53	60	52	44	49	18	16	1505	245	6
6	F	9	2	3	3	73	123	209	180	76	48	41	35	63	52	48	56	72	79	74	75	57	43	33	24	1478	209	6
7	S	15	11	6	3	30	18	24	24	23	51	52	42	48	42	53	52	52	52	45	39	30	30	30	21	793	53	14
8	S	14	10	5	4	9	7	13	14	21	20	37	42	47	28	45	50	60	58	59	65	39	22	23	16	708	65	19
9	M	8	4	1	1	91	139	256	204	76	57	50	48	60	31	46	56	54	58	77	65	45	38	12	20	1497	256	6
10	T	5	5	3	1	104	157	265	207	99	54	53	39	54	39	44	47	59	51									
11	W																											
12	T																											
13	F																											
14	S																											
15	S																											
16	M																											
17	T																											
18	W																											
19	T																											
20	F																											
21	S																											
22	S																											
23	M																											
24	T																											
25	W																											
26	T																											
27	F																											
28	S																											
29	S																											
30	M																											
31	T																											

AVERAGE WEEKDAY HOURS (Axle Factored, Mon 6AM to Fri Noon)

ADT 1462

6	3	2	2	97	141	246	203	86	55	47	41	62	40	42	45	52	53	68	57	43	38	16	17
---	---	---	---	----	-----	-----	-----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----

DAYS Counted	HOURS Counted	WEEKDAYS Counted	WEEKDAY Hours	AVERAGE WEEKDAY		Axle Adj. Factor	Seasonal/Weekday Adjustment Factor	ESTIMATED
				High Hour	% of day			
8	172	5	106	246	17%	1.000	1.077	AADT 1357

ROAD #: _____ ROAD NAME: **WEST MAIN ST** FROM: **BEEKMAN** TO: **DEAD END** COUNTY: **Dutchess**
 STATION: **824692** STATE DIR CODE: 7 PLACEMENT: **74 yards E of Bank St** DATE OF COUNT: **05/03/2016**

**Poughkeepsie-Dutchess County Transportation Council
Speed Count Average Weekday Report**

Station: 824692
Road #: Road name: **WEST MAIN ST**
From: BEEKMAN
To: DEAD END
Direction: East

Start date: Tue 05/03/2016 14:00
End date: Tue 05/10/2016 18:45
County: Dutchess
Town:
Speed limit: 25
LION#:

Count duration: 173 hours
Functional class: 19
Factor group: 30
Batch ID: MPD-CountsToProcess
Count taken by: Org: TST Init: JA
Processed by: Org: MPD Init: ST

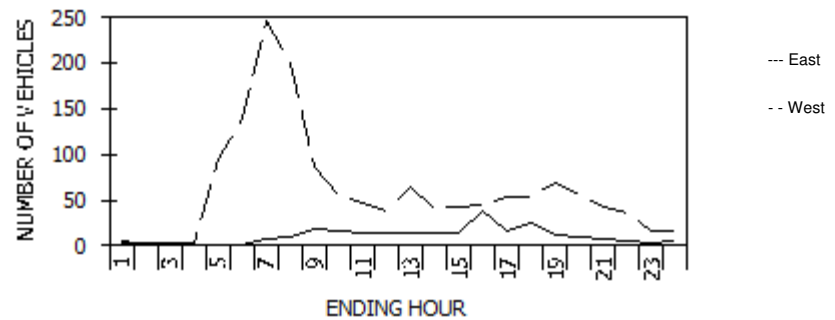
Speeds, mph

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	1	2	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	30.6	31.3	33.9	3
2:00	0	1	1	2	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	28.1	30.0	33.6	4
3:00	0	0	1	1	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	29.8	30.0	33.6	2
4:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	27.5	27.6	29.3	1
5:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	27.5	27.6	29.3	1
6:00	0	0	1	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	27.5	27.6	29.3	1
7:00	0	4	3	1	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	25.2	25.0	29.7	8
8:00	1	2	4	2	1	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	25.2	27.6	33.8	10
9:00	4	5	6	3	1	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	22.1	25.5	32.0	19
10:00	5	3	6	2	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	20.3	25.0	29.7	16
11:00	3	3	4	4	1	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	23.0	26.9	33.5	15
12:00	4	5	3	2	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	20.2	23.0	29.9	14
13:00	4	4	3	2	2	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	21.4	24.4	34.4	15
14:00	3	1	4	4	1	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	23.0	28.2	33.9	13
15:00	4	3	4	3	1	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	21.5	25.7	33.0	15
16:00	5	5	10	10	7	1	1	0	0	0	0	0	0	2.6	0.0	0.0	0.0	0.0	26.0	29.8	37.3	39
17:00	4	2	5	4	2	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	22.8	27.6	34.4	17
18:00	5	3	7	5	4	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	23.9	28.3	36.6	25
19:00	3	2	3	2	1	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	21.5	25.9	33.4	11
20:00	1	0	4	4	1	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	27.0	30.0	34.4	10
21:00	0	1	2	4	1	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	30.0	31.3	34.8	8
22:00	0	1	1	3	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	28.9	30.9	33.8	5
23:00	0	1	1	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	24.8	25.0	28.6	2
24:00	0	2	2	2	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	26.9	27.6	32.8	6
Avg. Daily Total	46	48	78	62	23	2	1	0	0	0	0	0	0	0.4	0.0	0.0	0.0	0.0	23.6	27.4	34.0	260
Percent 17.7%	18.5%	30.0%	23.8%	8.8%	0.8%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%									
Cum. Percent 17.7%	36.2%	66.2%	90.0%	98.8%	99.6%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%									
Average hour	2	2	3	3	1	0	0	0	0	0	0	0	0									11

TRAFFIC FLOW BY DIRECTION

	Avg. Speed	50th% Speed	85th% Speed
East	23.6	27.4	34.0
West	28.7	31.1	36.4

Peak Hour Data					
Direction	Hour	Count	2-way A.M. P.M.	Hour	Count
East	16	39		7	255
West	7	247		16	83



**Poughkeepsie-Dutchess County Transportation Council
Speed Count Average Weekday Report**

Station: 824692
Road #: Road name: WEST MAIN ST
From: BEEKMAN
To: DEAD END
Direction: West

Start date: Tue 05/03/2016 14:00
End date: Tue 05/10/2016 18:45
County: Dutchess
Town:
Speed limit: 25
LION#:

Count duration: 173 hours
Functional class: 19
Factor group: 30
Batch ID: MPD-CountsToProcess
Count taken by: Org: TST Init: JA
Processed by: Org: MPD Init: ST

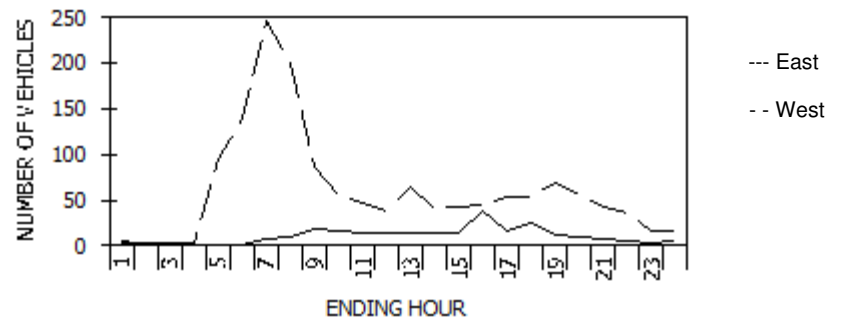
Speeds, mph

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	3	1	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	31.3	31.7	35.6	6
2:00	0	0	0	1	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	32.5	32.6	34.3	1
3:00	0	0	0	2	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	32.5	32.6	34.3	2
4:00	0	0	2	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	27.5	27.6	29.3	2
5:00	0	2	21	44	22	5	2	0	0	0	0	0	0	2.1	0.0	0.0	0.0	0.0	32.5	32.9	38.4	96
6:00	0	3	31	66	34	4	1	0	0	0	0	0	0	0.7	0.0	0.0	0.0	0.0	32.2	32.7	37.7	139
7:00	1	7	50	122	57	8	1	1	0	0	0	0	0	0.8	0.4	0.0	0.0	0.0	32.1	32.7	37.7	247
8:00	8	11	43	92	42	5	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	29.9	32.1	37.1	201
9:00	3	7	26	35	13	2	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	29.1	31.0	35.9	86
10:00	8	10	18	12	6	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	24.4	27.7	34.5	55
11:00	5	7	14	14	7	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	26.1	29.3	35.6	48
12:00	4	3	13	15	4	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	26.5	29.9	34.4	39
13:00	12	14	16	15	6	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	23.3	26.9	34.2	64
14:00	4	6	13	12	4	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	26.0	28.9	34.6	40
15:00	4	7	16	12	3	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	25.6	28.2	33.7	42
16:00	4	10	14	11	4	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	25.5	27.9	34.3	44
17:00	5	9	20	11	7	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	25.8	28.2	35.1	53
18:00	4	9	19	13	7	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	26.5	28.6	35.1	53
19:00	2	10	29	20	6	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	27.8	28.8	34.2	68
20:00	1	8	22	19	6	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	28.4	29.4	34.4	56
21:00	2	7	14	14	5	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	27.4	29.3	34.6	42
22:00	0	3	13	15	4	2	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	30.3	30.9	35.6	37
23:00	1	2	5	6	2	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	27.4	30.0	34.7	16
24:00	0	1	6	7	1	1	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	30.3	30.8	34.8	16
Avg. Daily Total	68	136	407	561	241	35	4	1	0	0	0	0	0	0.3	0.1	0.0	0.0	0.0	28.7	31.1	36.4	1453
Percent	4.7%	9.4%	28.0%	38.6%	16.6%	2.4%	0.3%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%									
Cum. Percent	4.7%	14.0%	42.1%	80.7%	97.2%	99.7%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%									
Average hour	3	6	17	23	10	1	0	0	0	0	0	0	0									61

TRAFFIC FLOW BY DIRECTION

	Avg. Speed	50th% Speed	85th% Speed
East	23.6	27.4	34.0
West	28.7	31.1	36.4

Peak Hour Data					
Direction	Hour	Count	2-way A.M. P.M.	Hour	Count
East	16	39		7	255
West	7	247		16	83



Poughkeepsie-Dutchess County Transportation Council Classification Count Average Weekday Data Report

ROAD #: 8
 COUNTY NAME: Dutchess
 REGION CODE: 8
 FROM: BEEKMAN
 TO: DEAD END
 REF-MARKER: 0030
 END MILEPOINT: 0030
 FUNC-CLASS: 19
 STATION NO: 4692
 COUNT TAKEN BY: ORG CODE: TST INITIALS: JA
 PROCESSED BY: ORG CODE: MPD INITIALS: ST

ROAD NAME: **WEST MAIN ST**

YEAR: 2016
 MONTH: May

STATION: 824692

NO. OF LANES: 2
 HPMS NO:
 LION#:

DIRECTION	East	West	TOTAL
NUMBER OF VEHICLES	258	1459	1717
NUMBER OF AXLES	516	2934	3450
% HEAVY VEHICLES (F4-F13)	6.98%	5.14%	5.42%
% TRUCKS AND BUSES (F3-F13)	23.64%	13.85%	15.32%
AXLE CORRECTION FACTOR	1.00	0.99	1.00

BATCH ID: MPD-CountsToProcess

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	2	0	0	0	0	0	0	0	0	0	0	2
	2:00	0	4	0	0	0	0	0	0	0	0	0	0	4
	3:00	0	2	0	0	0	0	0	0	0	0	0	0	2
	4:00	0	1	0	0	0	0	0	0	0	0	0	0	1
	5:00	0	1	0	0	0	0	0	0	0	0	0	0	1
	6:00	0	2	0	0	0	0	0	0	0	0	0	0	2
	7:00	0	6	0	0	1	0	0	0	0	0	0	0	7
	8:00	0	9	2	0	0	0	0	0	0	0	0	0	11
	9:00	0	11	3	0	3	0	0	0	0	0	0	0	17
	10:00	0	11	3	0	2	0	0	0	0	0	0	0	16
DIRECTION	11:00	0	11	2	0	1	0	0	0	0	0	0	0	14
East	12:00	0	10	2	0	2	0	0	0	0	0	0	0	14
	13:00	1	12	1	0	1	0	0	0	0	0	0	0	15
	14:00	0	7	3	0	2	0	0	0	0	0	0	0	12
	15:00	0	10	3	0	1	0	0	0	0	0	0	0	14
	16:00	0	25	12	0	2	0	0	0	0	0	0	0	39
	17:00	0	13	2	0	2	0	0	0	0	0	0	0	17
	18:00	0	19	4	0	1	0	0	0	0	0	0	0	24
	19:00	0	11	2	0	0	0	0	0	0	0	0	0	13
	20:00	0	9	1	0	0	0	0	0	0	0	0	0	10
	21:00	0	8	1	0	0	0	0	0	0	0	0	0	9
	22:00	0	6	0	0	0	0	0	0	0	0	0	0	6
	23:00	0	2	0	0	0	0	0	0	0	0	0	0	2
	24:00	0	4	2	0	0	0	0	0	0	0	0	0	6
TOTAL VEHICLES	1	196	43	0	18	0	0	0	0	0	0	0	0	258
TOTAL AXLES	2	392	86	0	36	0	0	0	0	0	0	0	0	516
ENDING HOUR	1:00	0	6	0	0	0	0	0	0	0	0	0	0	6
	2:00	0	3	0	0	0	0	0	0	0	0	0	0	3
	3:00	0	2	0	0	0	0	0	0	0	0	0	0	2
	4:00	0	2	0	0	0	0	0	0	0	0	0	0	2
	5:00	0	81	15	0	0	0	0	0	0	0	0	0	96
	6:00	0	118	18	1	2	1	0	0	0	0	0	0	140
	7:00	1	221	18	2	2	0	0	0	0	0	0	0	244
	8:00	2	180	13	2	3	1	0	0	0	0	0	0	201
	9:00	1	72	9	2	3	0	0	0	0	0	0	0	87
	10:00	0	46	5	1	2	0	0	0	0	0	0	0	54
DIRECTION	11:00	0	39	5	1	2	0	0	0	0	0	0	0	47
West	12:00	1	35	3	1	1	0	0	0	0	0	0	0	41
	13:00	1	51	6	1	3	1	0	0	0	0	0	0	63
	14:00	0	30	6	0	3	0	0	0	0	0	0	0	39
	15:00	0	31	3	1	6	1	0	0	0	0	0	0	42
	16:00	0	38	4	1	2	0	0	0	0	0	0	0	45
	17:00	0	43	4	2	3	0	0	0	0	0	0	0	52
	18:00	1	43	3	2	5	0	0	0	0	0	0	0	54
	19:00	0	57	4	2	6	0	0	0	0	0	0	0	69
	20:00	0	48	4	2	4	0	0	0	0	0	0	0	58
	21:00	0	38	2	2	1	0	0	0	0	0	0	0	43
	22:00	0	36	2	0	0	0	0	0	0	0	0	0	38
	23:00	0	15	1	0	0	0	0	0	0	0	0	0	16
	24:00	0	15	2	0	0	0	0	0	0	0	0	0	17
TOTAL VEHICLES	7	1250	127	23	48	4	0	0	0	0	0	0	0	1459
TOTAL AXLES	14	2500	254	58	96	12	0	0	0	0	0	0	0	2934
GRAND TOTAL VEHICLES	8	1446	170	23	66	4	0	0	0	0	0	0	0	1717
GRAND TOTAL AXLES	16	2892	340	58	132	12	0	0	0	0	0	0	0	3450

VEHICLE CLASSIFICATION CODES:

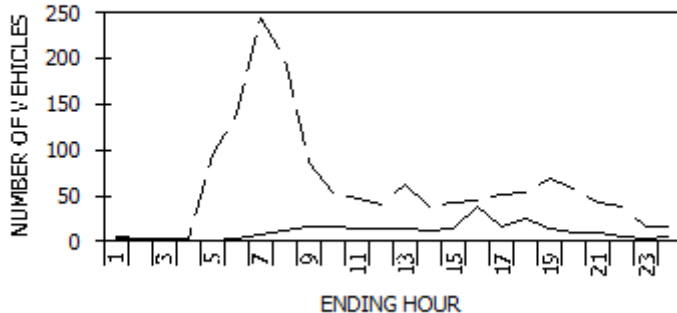
- F1. Motorcycles
- F2. Autos*
- F3. 2 Axle, 4-Tire Pickups, Vans, Motorhomes*
- F4. Buses
- F5. 2 Axle, 6-Tire Single Unit Trucks
- F6. 3 Axle Single Unit Trucks
- F7. 4 or More Axle Single Unit Trucks
- F8. 4 or Less Axle Vehicles, One Unit is a Truck
- F9. 5 Axle Double Unit Vehicles, One Unit is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

TRAFFIC FLOW BY DIRECTION



--- East -- West

PEAK HOUR DATA

DIRECTION	HOUR	COUNT	2-WAY	HOUR	COUNT
East	7	39	A.M.	7	251
West	7	244	P.M.	16	84

**New York State Department of Transportation
Roadway Traffic Count Hourly Report**

STATION: 820021

ROUTE/ROAD: NY9D NORTH AVE	FROM: MAIN ST	TO: OVER RTS 84I & 52	REGION-COUNTY: 8-DUTCHESS
FED DIR CODE: 1, 5	REF. MARKER: 9D82033000	FUNC. CLASS: 16 - U Minor Arterial	MUNI: Beacon-City-2005
ST DIR CODE: 1, 2	END MILEPOST: 6.44	FACTOR GROUP: 30	BIN: 1006360
DOT ID: 100505	LANES BY DIR: 1 North 1 South	CC STN:	RR CROSSING:
BEGIN DATE: 11/12/2012	WEEK OF YEAR: 46	ADDL DATA:	HPMS SAMPLE: 3001167
NOTES 1: SB TRAVEL LANE	PLACEMENT: 135 FT S OF VAN NESS RD	JURISDICTION: 01-NYSDOT	1 WAY CODE:
NOTES 2:			COUNT TYPE: Axle
TAKEN BY: TST-AJW	PROCESSED BY: DOT-jh	BATCH ID: DOT-R08CWW46V	SPEED LIMIT: 30

DATE	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	DAILY HIGH	HIGH	HIGH																								
																								TOTAL	COUNT	HOUR																									
11/12, Mon																								1265	1312	1482	1498	1689	1523	1137	807	612	550	343	12218																
11/13, Tue	192	123	43	80	284	562	1370	1828	1487	1326	1072	1113	1112	1206	1351	1686	1835	1886	1759	1364	893	776	546	361	24255	1886	17-18																								
11/14, Wed	210	126	51	81	293	615	1364	1850	1603	1258	1059	1125	1108	1104	1452	1690	1924	2114	2045	1334	955	769	704	414	25248	2114	17-18																								
11/15, Thu	229	141	56	74	274	607	1338	1926	1589	1324	1113	1149	1150	1193	1444	1716	1919	2106	1864	1442	980	825	614	392	25465	2106	17-18																								
11/16, Fri	265	148	70	75	281	540	1247	1779	1558	1258	1151	1205	1224	1311	1660	1977	2145	2231	2178	1560	980	862	815	615	27135	2231	17-18																								
11/17, Sat	400	245	152	109	175	233	390	602	863	1124	1263	1285	1441	1529	1452	1558	1556	1461	1303	1060	827	726	714	613	21081	1558	15-16																								
11/18, Sun	395	270	112	111	148	155	289	373	614	814	1114	1260	1350	1530	1567	1408	1346	1290	1086	776	703	515	443	305	17974	1567	14-15																								
11/19, Mon	168	102	68	79	268	566	1259	1750	1588	1276	1150	1034	1224											10532																											
AVERAGE WEEKDAY HOURS (Axle Factored, Mon 6 AM to Fri Noon)																										AWDT																									
	220	132	54	76	278	572	1295	1797	1540	1268	1091	1107	1130	1173	1368	1617	1765	1918	1769	1298	894	734	594	371	24062																										

DAYS Counted	HOURS Counted	WEEKDAYS Counted	WEEKDAY Hours	AVERAGE WEEKDAY				ESTIMATED AADT				
				Roadway High Hour	% of day	North High Hour	% of day	South High Hour	% of day	Roadway	North	South
7	168	4	102	1918	8	1050	8.5	972	8.3	24935	12368	12086

FACTOR

Month	Seasonal	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Axl
11	0.97	1.11	0.96	0.95	0.95	1.16	1.01	0.98	0.98

New York State Department of Transportation

STATION: 820021

NB Traffic Count Hourly Report

ROUTE/ROAD: NY9D NORTH AVE	FROM: MAIN ST	TO: OVER RTS 84I & 52	REGION-COUNTY: 8-DUTCHESS
FED DIR CODE: 1	REF. MARKER: 9D82033000	FUNC. CLASS: 16 - U Minor Arterial	MUNI: Beacon-City-2005
ST DIR CODE: 1, 2	END MILEPOST: 6.44	FACTOR GROUP: 30	BIN: 1006360
DOT ID: 100505	LANES BY DIR: 1 North	CC STN:	RR CROSSING:
BEGIN DATE: 11/12/2012	WEEK OF YEAR: 46	ADDL DATA:	HPMS SAMPLE: 3001167
NOTES 1: SB TRAVEL LANE	PLACEMENT: 135 FT S OF VAN NESS RD	JURISDICTION: 01-NYSDOT	1 WAY CODE:
NOTES 2:			COUNT TYPE: Axle
TAKEN BY: TST-AJW	PROCESSED BY: DOT-jh	BATCH ID: DOT-R08CWW46V	SPEED LIMIT: 30

DATE	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	DAILY HIGH	HIGH	HIGH										
																								TOTAL	COUNT	HOUR											
11/12, Mon																								633	663	785	809	872	840	563	431	322	282	169	6369		
11/13, Tue	103	59	24	45	64	173	464	799	759	715	571	600	583	649	682	944	1083	1007	1049	785	470	430	290	200	12548	1083	16-17										
11/14, Wed	132	71	28	48	73	226	515	884	828	641	581	577	557	559	755	952	1019	1132	1287	739	505	394	421	231	13155	1287	18-19										
11/15, Thu	135	77	33	41	71	214	504	893	835	689	568	571	570	585	775	997	1053	1137	1092	845	552	475	351	214	13277	1137	17-18										
11/16, Fri	139	71	38	45	69	191	484	827	810	622	594	611	642	679	836	1131	1139	1172	1189	862	513	446	480	362	13952	1189	18-19										
11/17, Sat	216	139	68	58	65	114	190	306	452	562	632	684	671	731	748	780	840	764	687	488	445	384	416	359	10799	840	16-17										
11/18, Sun	226	152	47	56	53	74	149	191	308	427	529	599	668	848	813	738	682	680	574	409	354	263	244	175	9259	848	13-14										
11/19, Mon	89	51	34	46	64	205	463	793	810	666	602	536	623	4982																							
AVERAGE WEEKDAY HOURS (Axle Factored, Mon 6 AM to Fri Noon)																								AWDT													
	127	68	30	44	68	198	478	826	795	656	574	570	574	597	707	905	975	1020	1050	721	482	399	331	200	12396												

DAYS Counted	HOURS Counted	WEEKDAYS Counted	WEEKDAY Hours	AVERAGE WEEKDAY				ESTIMATED AADT				
				Roadway High Hour	% of day	North High Hour	% of day	South High Hour	% of day	Roadway	North	South
7	168	4	102	1918	8	1050	8.5	972	8.3	24935	12368	12086

FACTOR

Month	Seasonal	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Axl
11	0.97	1.11	0.96	0.95	0.95	1.16	1.01	0.98	0.98

New York State Department of Transportation

STATION: 820021

SB Traffic Count Hourly Report

ROUTE/ROAD: NY9D NORTH AVE	FROM: MAIN ST	TO: OVER RTS 841 & 52	REGION-COUNTY: 8-DUTCHESS
FED DIR CODE: 5	REF. MARKER: 9D82033000	FUNC. CLASS: 16 - U Minor Arterial	MUNI: Beacon-City-2005
ST DIR CODE: 1, 2	END MILEPOST: 6.44	FACTOR GROUP: 30	BIN: 1006360
DOT ID: 100505	LANES BY DIR: 1 South	CC STN:	RR CROSSING:
BEGIN DATE: 11/12/2012	WEEK OF YEAR: 46	ADDL DATA:	HPMS SAMPLE: 3001167
NOTES 1: SB TRAVEL LANE	PLACEMENT: 135 FT S OF VAN NESS RD	JURISDICTION: 01-NYS DOT	1 WAY CODE:
NOTES 2:			COUNT TYPE: Axle
TAKEN BY: TST-AJW	PROCESSED BY: DOT-jh	BATCH ID: DOT-R08CWW46V	SPEED LIMIT: 30

DATE	00-01	01-02	02-03	03-04	04-05	05-06	06-07	07-08	08-09	09-10	10-11	11-12	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	DAILY HIGH	HIGH	HIGH										
																								TOTAL	COUNT	HOUR											
11/12, Mon																								632	649	697	689	817	683	574	376	290	268	174	5849		
11/13, Tue	89	64	19	35	220	389	906	1029	728	611	501	513	529	557	669	742	752	879	710	579	423	346	256	161	11707	1029	07-08										
11/14, Wed	78	55	23	33	220	389	849	966	775	617	478	548	551	545	697	738	905	982	758	595	450	375	283	183	12093	982	17-18										
11/15, Thu	94	64	23	33	203	393	834	1033	754	635	545	578	580	608	669	719	866	969	772	597	428	350	263	178	12188	1033	07-08										
11/16, Fri	126	77	32	30	212	349	763	952	748	636	557	594	582	632	824	846	1006	1059	989	698	467	416	335	253	13183	1059	17-18										
11/17, Sat	184	106	84	51	110	119	200	296	411	562	631	601	770	798	704	778	716	697	616	572	382	342	298	254	10282	798	13-14										
11/18, Sun	169	118	65	55	95	81	140	182	306	387	585	661	682	682	754	670	664	610	512	367	349	252	199	130	8715	754	14-15										
11/19, Mon	79	51	34	33	204	361	796	957	778	610	548	498	601												5550												
AVERAGE WEEKDAY HOURS (Axle Factored, Mon 6 AM to Fri Noon)																								AWDT													
	95	64	24	32	210	374	816	972	744	612	517	537	556	576	660	712	790	897	719	577	413	335	263	171	11669												

DAYS Counted	HOURS Counted	WEEKDAYS Counted	WEEKDAY Hours	AVERAGE WEEKDAY				ESTIMATED AADT				
				Roadway High Hour	% of day	North High Hour	% of day	South High Hour	% of day	Roadway	North	South
7	168	4	102	1918	8	1050	8.5	972	8.3	24935	12368	12086

FACTOR

Month	Seasonal	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Axl
11	0.97	1.11	0.96	0.95	0.95	1.16	1.01	0.98	0.98

New York State Department of Transportation
Speed Count Average Weekday Report

Station: 820021
Route #: NY 9D Road name:
From: MAIN ST
To: ACC RTS 84I & 52
Direction: North

Start date: Mon 09/28/2009 14:00
End date: Mon 10/05/2009 15:45
County: Dutchess
Town: BEACON
Speed limit: 30
LION#:

Count duration: 170 hours
Functional class: 16
Factor group: 30
Batch ID: DOT-r8contractor9-39a
Count taken by: Org: TST Init: ---
Processed by: Org: DOT Init: TGB

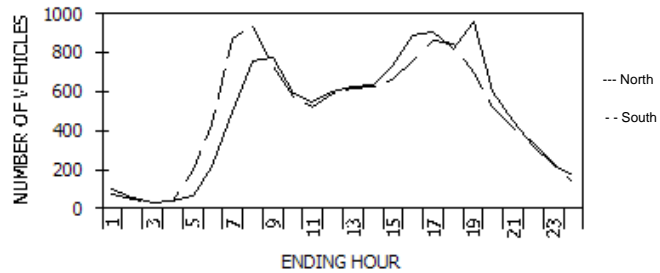
Speeds, mph

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	1	6	25	46	20	4	1	0	0	0	0	0	5%	1%	0%	0%	0%	36.4	37.2	42.4	103
2:00	0	0	3	13	24	12	3	1	0	0	0	0	0	7%	2%	0%	0%	0%	37.0	37.6	43.2	56
3:00	0	0	2	8	10	7	1	0	0	0	0	0	0	4%	0%	0%	0%	0%	36.3	37.0	42.8	28
4:00	0	0	4	11	13	6	2	0	0	0	0	0	0	6%	0%	0%	0%	0%	35.5	36.2	42.2	36
5:00	0	1	4	15	30	14	3	1	0	0	0	0	0	6%	1%	0%	0%	0%	36.5	37.4	42.8	68
6:00	0	4	9	63	98	32	6	1	0	0	0	0	0	3%	0%	0%	0%	0%	35.8	36.6	41.2	213
7:00	0	5	29	147	221	80	9	1	0	0	0	0	0	2%	0%	0%	0%	0%	35.7	36.5	41.1	492
8:00	1	5	40	230	369	105	8	1	0	0	0	0	0	1%	0%	0%	0%	0%	35.6	36.5	40.1	759
9:00	1	4	45	262	353	102	9	1	0	0	0	0	0	1%	0%	0%	0%	0%	35.4	36.1	40.0	777
10:00	1	7	34	180	269	87	11	1	0	0	0	0	0	2%	0%	0%	0%	0%	35.5	36.4	40.7	590
11:00	1	4	27	168	252	85	13	1	0	0	0	0	0	3%	0%	0%	0%	0%	35.7	36.5	41.0	551
12:00	1	6	40	202	260	80	9	1	0	0	0	0	0	2%	0%	0%	0%	0%	35.2	36.0	40.1	599
13:00	1	5	39	212	281	77	9	1	0	0	0	0	0	2%	0%	0%	0%	0%	35.2	36.0	39.9	625
14:00	0	5	49	235	269	65	9	1	0	0	0	0	0	2%	0%	0%	0%	0%	34.9	35.6	39.7	633
15:00	2	10	58	254	319	78	7	1	0	0	0	0	0	1%	0%	0%	0%	0%	34.7	35.7	39.7	729
16:00	2	6	68	345	370	95	5	0	0	0	0	0	0	1%	0%	0%	0%	0%	34.7	35.4	39.6	891
17:00	0	14	82	308	387	104	11	0	0	0	0	0	0	1%	0%	0%	0%	0%	34.7	35.7	39.8	906
18:00	0	6	45	284	382	93	8	1	0	0	0	0	0	1%	0%	0%	0%	0%	35.3	36.0	39.8	819
19:00	3	15	84	378	399	80	4	0	0	0	0	0	0	0%	0%	0%	0%	0%	34.2	35.1	39.3	963
20:00	0	5	33	215	268	70	6	0	0	0	0	0	0	1%	0%	0%	0%	0%	35.2	35.9	39.8	597
21:00	0	0	14	154	219	61	5	0	0	0	0	0	0	1%	0%	0%	0%	0%	35.9	36.4	40.0	453
22:00	0	1	12	100	149	48	6	0	0	0	0	0	0	2%	0%	0%	0%	0%	36.0	36.6	40.7	316
23:00	0	2	10	74	99	36	6	0	0	0	0	0	0	3%	0%	0%	0%	0%	35.8	36.4	41.2	227
24:00	0	1	9	42	77	32	6	1	0	0	0	0	0	4%	1%	0%	0%	0%	36.4	37.1	42.2	168
Avg. Daily Total	13	107	746	3925	5164	1469	160	15	0	0	0	0	0	1.5	0.1	0.0	0.0	0.0	35.2	36.0	40.0	11599
Percent	0.1%	0.9%	6.4%	33.8%	44.5%	12.7%	1.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%									
Cum. Percent	0.1%	1.0%	7.5%	41.3%	85.8%	98.5%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%									
Average hour	1	4	31	164	215	61	7	1	0	0	0	0	0									483

TRAFFIC FLOW BY DIRECTION

Direction	Avg. Speed	50th% Speed	85th% Speed
North	35.2	36.0	40.0
South	32.9	34.6	39.5

Peak Hour Data					
Direction	Hour	Count	2-way	Hour	Count
North	19	963	A.M.	8	1698
South	8	939	P.M.	17	1767



New York State Department of Transportation
Speed Count Average Weekday Report

Station: 820021
Route #: NY 9D Road name:
From: MAIN ST
To: ACC RTS 84I & 52
Direction: South

Start date: Mon 09/28/2009 14:00
End date: Mon 10/05/2009 15:45
County: Dutchess
Town: BEACON
Speed limit: 30
LION#:

Count duration: 170 hours
Functional class: 16
Factor group: 30
Batch ID: DOT-r8contractor9-39a
Count taken by: Org: TST Init: ---
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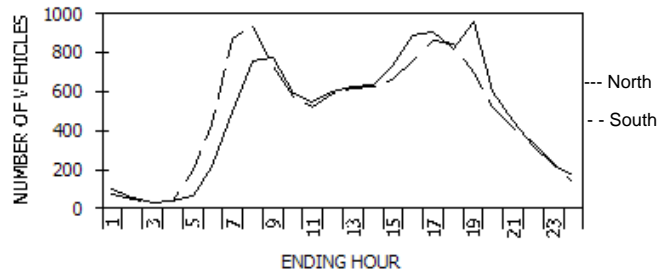
Speeds, mph

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	4	25	30	15	1	0	0	0	0	0	0	1%	0%	0%	0%	0%	35.9	36.5	41.6	75
2:00	0	0	2	12	20	8	2	0	0	0	0	0	0	5%	0%	0%	0%	0%	36.5	37.0	42.2	44
3:00	0	0	2	10	10	4	1	0	0	0	0	0	0	4%	0%	0%	0%	0%	35.4	35.8	41.2	27
4:00	0	1	4	13	16	4	0	0	0	0	0	0	0	0%	0%	0%	0%	0%	34.2	35.4	39.5	38
5:00	0	0	10	62	79	32	10	3	1	0	0	0	0	7%	2%	1%	0%	0%	36.4	36.7	42.6	197
6:00	0	2	30	156	175	61	11	1	1	0	0	0	0	3%	0%	0%	0%	0%	35.4	35.9	40.7	437
7:00	39	57	131	302	259	75	11	2	0	0	0	0	0	1%	0%	0%	0%	0%	30.8	33.5	39.2	876
8:00	46	70	156	301	289	68	7	2	0	0	0	0	0	1%	0%	0%	0%	0%	30.3	33.3	38.9	939
9:00	20	34	97	247	251	68	10	1	0	0	0	0	0	2%	0%	0%	0%	0%	32.1	34.4	39.4	728
10:00	6	15	55	185	234	65	10	1	0	0	0	0	0	2%	0%	0%	0%	0%	34.0	35.6	39.8	571
11:00	1	9	42	163	226	72	8	2	0	0	0	0	0	2%	0%	0%	0%	0%	35.0	36.1	40.3	523
12:00	5	10	55	209	228	70	9	1	0	0	0	0	0	2%	0%	0%	0%	0%	34.2	35.4	39.9	587
13:00	12	19	56	206	236	73	11	2	0	0	0	0	0	2%	0%	0%	0%	0%	33.4	35.4	39.9	615
14:00	2	10	64	217	243	82	9	0	1	0	0	0	0	2%	0%	0%	0%	0%	34.5	35.5	40.0	628
15:00	14	30	113	248	206	45	7	0	0	0	0	0	0	1%	0%	0%	0%	0%	31.8	33.6	38.9	663
16:00	20	36	119	280	242	58	6	1	0	0	0	0	0	1%	0%	0%	0%	0%	31.7	33.7	39.0	762
17:00	18	44	136	336	264	58	5	0	0	0	0	0	0	1%	0%	0%	0%	0%	31.8	33.5	38.8	861
18:00	16	34	122	318	276	70	6	1	0	0	0	0	0	1%	0%	0%	0%	0%	32.3	34.0	39.2	843
19:00	11	20	101	268	237	50	6	1	0	0	0	0	0	1%	0%	0%	0%	0%	32.6	34.1	39.1	694
20:00	2	14	55	221	184	43	5	0	0	0	0	0	0	1%	0%	0%	0%	0%	33.6	34.4	39.2	524
21:00	0	4	34	154	176	39	5	0	0	0	0	0	0	1%	0%	0%	0%	0%	34.7	35.4	39.5	412
22:00	0	2	25	127	134	40	6	0	0	0	0	0	0	2%	0%	0%	0%	0%	35.0	35.5	39.9	334
23:00	0	2	14	80	101	26	5	1	0	0	0	0	0	3%	0%	0%	0%	0%	35.3	36.0	39.9	229
24:00	0	0	7	45	59	22	3	1	0	0	0	0	0	3%	1%	0%	0%	0%	35.9	36.4	41.3	137
Avg. Daily Total	212	413	1434	4185	4175	1148	154	20	3	0	0	0	0	1.5	0.2	0.0	0.0	0.0	32.9	34.6	39.5	11744
Percent	1.8%	3.5%	12.2%	35.6%	35.6%	9.8%	1.3%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%									
Cum. Percent	1.8%	5.3%	17.5%	53.2%	88.7%	98.5%	99.8%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%									
Average hour	9	17	60	174	174	48	6	1	0	0	0	0	0									489

TRAFFIC FLOW BY DIRECTION

	Avg. Speed	50th% Speed	85th% Speed
North	35.2	36.0	40.0
South	32.9	34.6	39.5

Peak Hour Data					
Direction	Hour	Count	2-way A.M. P.M.	Hour	Count
North	19	963		8	1698
South	8	939		17	1767



Walking Route Options Table

Walking Route Options

Name	Description	Length (miles)	Accessible?	Notes
Beekman St Accessible Route	Train station central entrance to Railroad Ave to Beekman St (via sidewalk) to 9D to Main St	0.63	Not fully	Missing ramp at crosswalk on Beekman St at Ferry St.
Beekman St Shortcuts Route	Train station central entrance to Railroad Ave to MTA stairs to Beekman St to Municipal Plaza; cross 9D to Main St	0.51	N	Shortest route without starting at overpass.
Beekman St Shortcuts Route w/planned path	Train station central entrance to Railroad Ave to MTA stairs to Beekman St to path to 9D to Main St	0.55	N	Planned path includes stairs.
West Main St Accessible Route	Train station central entrance to West Main St to Beekman St to 9D to Main St	0.63	Y	Accessible route, but steep grade.
West Main St Shortcuts Route	Train station central entrance to West Main St to Beekman St to Municipal Plaza; cross 9D to Main St	0.52	N	Only 50 ft longer than Beekman shortcuts route.
West Main St Route w/planned path	Train station central entrance to West Main St; cross Beekman St to path to 9D to Main St	0.59	N	Planned path includes stairs.
West Main St Overpass-Shortcuts Route	Train station overpass to West Main St to Beekman St to Municipal Plaza; cross 9D to Main St	0.40	N	Shortest route.
West Main St Overpass Route w/planned path	Train station overpass to W Main St; cross Beekman St to path to 9D to Main St	0.46	N	

Bicycle Facility Options Table

Beacon Main St - Train Station Bicycle Access Options: NACTO Guidance Evaluation¹

Street	From	To	Width (ft)	On-Street Parking?	Width per Lane (ft)	Traffic Volume (AADT)	85% Speed	Average Speed	Speed Limit (mph)	Shared Street?	Bicycle Blvd?	Conventional or Buffered Bike Lane?	One-Way Protected Bike Lane?	Two-Way Protected Bike Lane?	Bike Path/Shared-Use Path?	Notes
										target speed ² <10 mph	target speed up to 25 mph; <50 vehicles/hr in peak direction at peak hour	target speed up to 25 mph; ADT up to 6,000	target speed >26 mph OR ADT>6,000	target speed >26 mph OR ADT>6,000, AND 11-15 ft extra road width	separate right of way or limited conflicts (intersections or driveways)	
Beekman St	Route 9D	West Main St	36	Y, one side (8 ft wide)	12 ft; 15 ft adjacent to parking	5,500	36-37	27-31	30	No	No	No	Yes	<i>Insufficient width unless parking removed</i>	<i>Unlikely (based on planned development)</i>	
West Main St	Beekman St	Train Station	34	Y, both sides (except at ends of street)	10 ft on segments with parking	1,600	34-36	24-29	25	No	No	Maybe (but insufficient width unless parking removed)	Yes (but insufficient width unless parking removed)	<i>Insufficient width unless parking removed</i>	No	No lane markings; one-way westbound near train station.
Route 9D	Main St	Beekman St	38	N	12-13 ft (3 lanes)	23,000~	39-40	33-35	30	No	No	No	Yes (but insufficient width)	<i>Insufficient width</i>	Yes (west side or through Municipal Plaza)	On-street improvements will require NYSDOT approval.

¹ based on guidance from NACTO; see <https://nacto.org/publication/urban-bikeway-design-guide/designing-ages-abilities-new/choosing-ages-abilities-bicycle-facility/>

² NACTO defines target speed as posted or 85th percentile speed, but encourages use of 95th percentile speed

~ based on a count conducted south of Van Ness Rd; volume in this location is likely significantly lower

NYSDOT Shared Lane Marking Policy

<p align="center">New York State Department of Transportation</p> <p align="center">OFFICE of TRAFFIC SAFETY & MOBILITY</p>		<p align="center">TRAFFIC SAFETY & MOBILITY</p> <p align="center">INSTRUCTION</p>	<p align="center">TSMI</p> <p align="center">13-07</p> <p align="center">Code: TO</p>								
<p>Title: SHARED LANE MARKING (SLM) POLICY</p>											
<p>Target Audience:</p> <table border="0"> <tr> <td><input checked="" type="checkbox"/> Regional Traffic Engineer</td> <td><input type="checkbox"/> Construction</td> </tr> <tr> <td><input type="checkbox"/> Operations & Asset Mgt. Div.</td> <td><input checked="" type="checkbox"/> Design</td> </tr> <tr> <td><input checked="" type="checkbox"/> Regional Dir. of Operations</td> <td><input checked="" type="checkbox"/> Maintenance</td> </tr> <tr> <td><input checked="" type="checkbox"/> Regional Director</td> <td><input checked="" type="checkbox"/> Policy & Planning Div.</td> </tr> </table>		<input checked="" type="checkbox"/> Regional Traffic Engineer	<input type="checkbox"/> Construction	<input type="checkbox"/> Operations & Asset Mgt. Div.	<input checked="" type="checkbox"/> Design	<input checked="" type="checkbox"/> Regional Dir. of Operations	<input checked="" type="checkbox"/> Maintenance	<input checked="" type="checkbox"/> Regional Director	<input checked="" type="checkbox"/> Policy & Planning Div.	<p>Approved:</p>  <p>Todd B. Westhuis, P.E., Acting Director Office of Traffic Safety & Mobility</p> <p align="right"><u>12/09/2013</u> Date</p>	
<input checked="" type="checkbox"/> Regional Traffic Engineer	<input type="checkbox"/> Construction										
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<input checked="" type="checkbox"/> Regional Dir. of Operations	<input checked="" type="checkbox"/> Maintenance										
<input checked="" type="checkbox"/> Regional Director	<input checked="" type="checkbox"/> Policy & Planning Div.										

ADMINISTRATIVE INFORMATION:

- This Office of Traffic Safety & Mobility Instruction (TSMI) is effective immediately.

PURPOSE: The purpose of this TSMI is to transmit NYSDOT's Shared Lane Marking (SLM) policy.

TECHNICAL INFORMATION:

- This policy discontinues the use of the SHARE THE ROAD (W16-1P) plaque, and creates a new IN LANE (NYW5-32P) plaque.
- This policy will be incorporated into the next NYS Supplement revision.

TRANSMITTED MATERIALS: *NYSDOT Shared Lane Marking (SLM) Policy.*

BACKGROUND: The 2009 MUTCD added a new pavement marking called a *shared lane marking* (sometimes informally called a *sharrow*) as an optional traffic control device to be used as deemed appropriate. Anticipating requests from the public to use this device, the Office of Traffic Safety & Mobility held a meeting in February 2012 with public stakeholders and key Department personnel to craft a draft policy. The policy was finalized in December 2012 after incorporating comments submitted by citizens, public agencies, and Department personnel.

CONTACT: Direct questions regarding this issuance to Barbara S. Abrahamer, PE, PTOE of the Office of Traffic Safety and Mobility at (518) 457-1795 or via e-mail at barbara.abrahamer@dot.ny.gov.

NYS DOT Shared Lane Marking (SLM) Policy



Purpose

The purpose of this policy is to explain how Shared Lane Markings (SLMs, sometimes referred to as “sharrows”) will be used on highways under the jurisdiction of the New York State Department of Transportation. Information about this traffic control device can be found in Section 9C.07 of the *Manual on Uniform Traffic Control Devices* (MUTCD). It is expected that this guidance will ultimately be incorporated into the NYS Supplement, thereby making the policy applicable to all highways in New York State open to public travel.

Background

In determining when SLMs should be used, general MUTCD guidance regarding traffic control devices should be kept in mind:

The purpose of traffic control devices, as well as the principles for their use, is to promote highway safety and efficiency by providing for the orderly movement of all road users on streets, highways, bikeways, and private roads open to public travel throughout the Nation.

Traffic control devices notify road users of regulations and provide warning and guidance needed for the uniform and efficient operation of all elements of the traffic stream in a manner intended to minimize the occurrences of crashes.

To be effective, a traffic control device should meet five basic requirements:

- A. Fulfill a need;*
- B. Command attention;*
- C. Convey a clear, simple meaning;*
- D. Command respect from road users; and*
- E. Give adequate time for proper response.*

SLM use should also correctly reflect the legal rights/obligations of bicyclists and motorists, and promote safe and effective bicycling techniques. See Figure 1 for an illustration that summarizes these principles.

Policy

SLMs should only be used to indicate the presence of a *narrow lane*; a narrow lane is a lane that is less than 14' wide and does not allow motorists and bicyclists to safely travel side-by-side within the lane. In a narrow lane, motorists and bicyclists must travel one after the other, rather than side-by-side, and a motorist must leave the lane to safely pass the bicyclist. SLMs should not be used to indicate the desired position for a bicyclist, as the optimal position can change depending on a number of varying factors.

In conjunction with the SLM policy, the SHARE THE ROAD plaque will be eliminated from use due to misconceptions about its meaning to both motorists and bicyclists. Instead, the following signing policy shall be used:

- On any facility (both low-speed and high-speed), the Bicycle (W11-1) warning sign may be used alone to warn motorists of the presence of bicyclists, either on the shoulder or in a wide ($\geq 14'$) outside lane.
- A new Narrow Lane assembly, consisting of the Bicycle sign + a new IN LANE plaque (NYW5-32P), should be used with SLMs in the manner described in the Implementation section. (See Figure 2 for layout of the IN LANE plaque.)
- The Narrow Lane assembly may be used on any facility (both low-speed and high-speed), where side-by-side travel within the outside lane is not possible. SLMs do not need to be present to use this assembly.



Implementation

Table 1 shall be used to determine the need for SLMs.

Table 2 shall be used to determine the placement of SLMs. On a facility with on-street parking, SLMs shall be placed in the center of the *effective lane*, which is the lane width between the left edge shy zone and the door zone. (See Figure 1 for a graphic explanation of the term *effective lane*.) On a facility without on-street parking, SLMs shall be placed in the center of the actual lane.

Where used, SLMs should be placed approximately 250' apart. In addition to regular interval spacing, SLMs should be placed immediately before and immediately after intersections, and at other strategic locations dependent upon specific needs (e.g., conflict points).

Where SLMs are used, the Bicycle sign + IN LANE plaque assembly should be placed at the location of the first SLM, and may be repeated as deemed appropriate within the section. It is neither necessary nor desirable to supplement every SLM with the sign assembly.

Where the Bicycle sign, or the Bicycle sign + IN LANE plaque assembly, is used without accompanying SLMs, its need and placement should be in accordance with Section 2C.49 of the MUTCD. The advance posting distance for the first sign should be determined using Condition C in Table NY2C-4 of the NYS Supplement. Additional signs should be placed at suitable locations, and at appropriate intervals, within the section of highway where the bicycle activity occurs.

TABLE 1 – When to use SLMs

A. SLMs SHALL NOT be used where:	Notes
The usable width of the right lane is equal to or greater than 14' where parking is not allowed.	14' is the minimum acceptable width to allow for side-by-side travel. When determining the usual width of the lane, the presence of deteriorated pavement, drainage structures, and other obstacles to bicycle operation should be considered. A wide lane containing such obstacles may actually function as a narrow lane in terms of usable width, and may be considered for SLMs.
The usable width of the right lane + a marked parking lane is equal to or greater than 26'.	26' allows for side-by-side travel with a bicyclist out of the door zone. When determining the usual width of the lane, the presence of deteriorated pavement, drainage structures, and other obstacles to bicycle operation should be considered. A wide lane containing such obstacles may actually function as a narrow lane in terms of usable width, and may be considered for SLMs.
B. SLMs SHOULD NOT be used where:	
The speed limit is 40 mph or greater.	This is an explicit MUTCD provision.
A shoulder exists.	The key here is whether or not a motorist would have to leave the lane in order to pass the bicyclist. While a bicyclist is not legally obligated to use the shoulder, it is often most practical to use a shoulder. NYSDOT does not want to disadvantage bicyclists who choose either option. Generally, the presence of a shoulder should disqualify a location for an SLM. If both a narrow lane and narrow shoulder exist, however, or an existing shoulder is not usable, an SLM could be considered subject to the other restrictions of this policy.
The condition upon which the SLM need is based does not exist during most of the daylight hours.	An example is on-street parking that only occurs during limited hours.
A reasonable level of bicycle usage (actual & potential) does not exist.	A lack of bicycle usage reduces the conflict potential and the need for countermeasures. Some reasons for potential increases in bicycle usage include planned local development, and a public perception of the highway being safer for bicyclists with SLMs.
A reasonable level of motor vehicle usage (actual & potential) does not exist.	A lack of motor vehicle volume reduces the conflict potential and the need for countermeasures. One reason for a potential increase in vehicular usage is a change in land use.
C. SLMs MAY be used where:	
There's a wrong-way biking problem.	SHALL and SHOULD restrictions in A & B of this table still apply.
There's a sidewalk biking problem.	SHALL and SHOULD restrictions in A & B of this table still apply.
An actual or potential conflict exists between bikes and motor vehicles.	Examples include parked cars, driveways, and intersections; SHALL and SHOULD restrictions in A & B of this table still apply.
It's unclear (either to motorists or bicyclists) what lane a bicyclist should be using.	Examples are dedicated turning lanes; SHALL and SHOULD restrictions in A & B of this table still apply.

TABLE 2 – SLM Placement	
A. With On-Street Parking	
Width of Outside Lane + Parking	Distance from Curb/Edge of Pavement
17'	13.5'
18'	14'
19'	14.5'
20'	15'
21'	15.5'
22'	16'
23'	16.5'
24'	17'
25'	17.5'
B. Without On-Street Parking	
All widths < 14'	Center of Lane

Figure 1 – Bicyclist Positioning

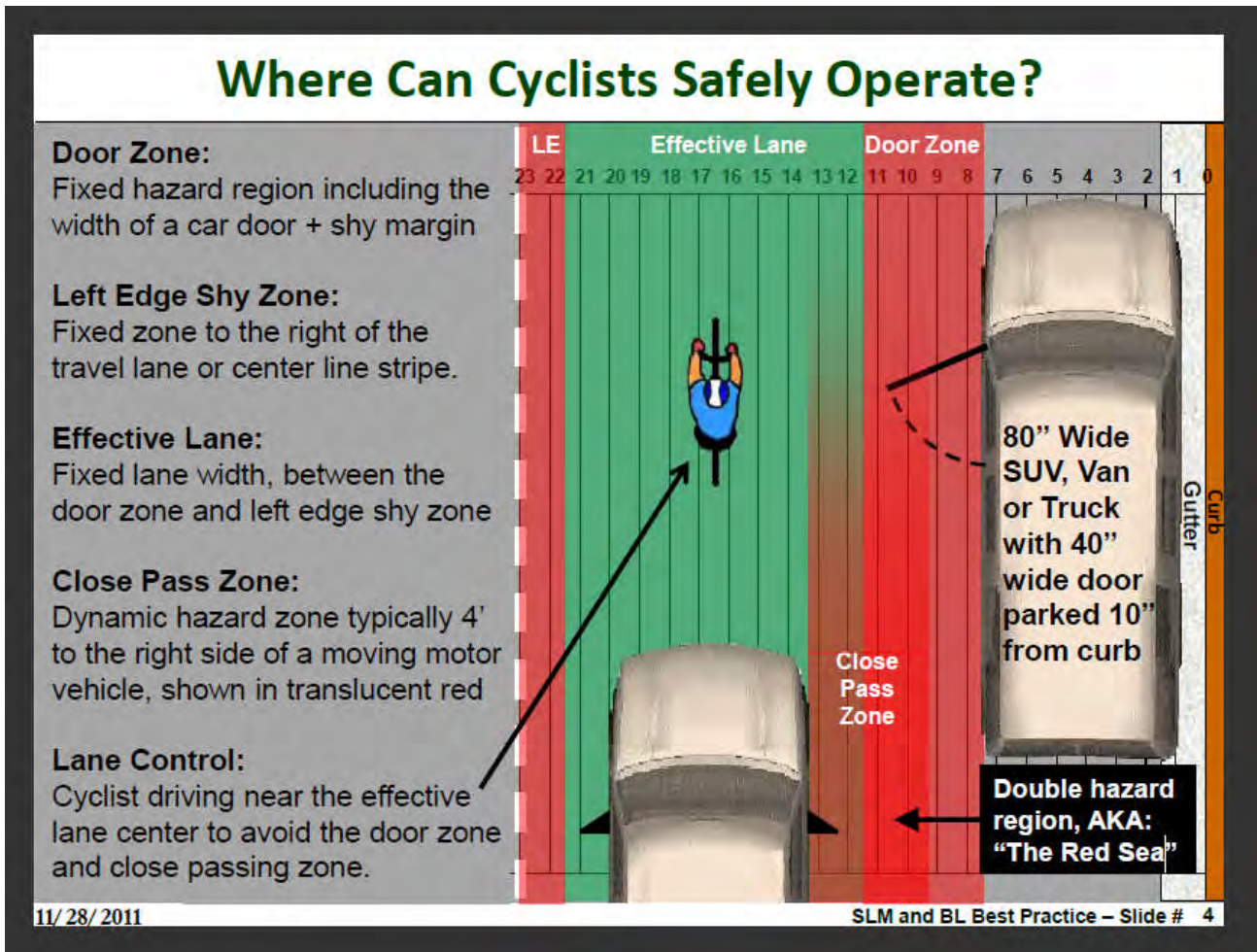


Figure 2 - IN LANE Plaque (NYW5-32P)



BORDER
R=1.5"
TH=0.63"
IN=0.38"