

Appendix C

Traffic Information

Crash Analysis

Operating Speeds

Traffic Forecast and Turning Movement Diagrams

Complete Streets Checklist

LOCATION	1.		IDENT. NO.: 1 5 0 1 9 9										STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION TRAFFIC AND SAFETY DIVISION HIGHWAY SAFETY INVESTIGATION REPORT (SEE INSTRUCTIONS ON REVERSE)										MAIN OFFICE USE: DIVISION FILE _____ REVIEWED BY _____ SCHEDULED FOR B&A ☐									
	}		☒ TOWN ☐ CITY ☐ VILLAGE										} <u>Milton</u>																			
			ROUTE NO. OR STREET NAME Route 29 (Washington St)										STATE HIGHWAY NO. 5711										FROM OR AT REFERENCE MARKER <div style="border: 1px solid black; padding: 2px; display: flex; justify-content: space-between;"> 2915031144 </div>									
			At Intersection With (If Applicable)		ROUTE NO. OR STREET NAME Rowland St (CR 47), Petrified Sea Gardens Rd										STATE HIGHWAY NO.										TO REFERENCE MARKER <div style="border: 1px solid black; padding: 2px; display: flex; justify-content: space-between;"> 2915031146 </div>							

2. REASON FOR INVESTIGATION

☐ (a) IDENTIFIED BY ACCIDENT SURVEILLANCE SYSTEM
☐ (b) POLICE HAZARD REPORT
☐ (c) RESPONSE TO COMPLAINT OR INQUIRY
☐ (d) REGIONALLY INITIATED
☒ (e) OTHER (Explain) 2018 PIL, 2019 ARWP

3. RECOMMENDATION

☐ (a) CAPITAL IMPROVEMENT
 (Initiate Proj. Devel. Study)
☐ (b) TRAFFIC CONTROL IMPROVEMENT
☐ (c) MAINTENANCE IMPROVEMENT
☐ (d) OTHER
☒ (e) NONE

}

complete sections 4&5

4. DISCUSSION (Use Reverse if additional space is required — check box if reverse is used ☐)

(a) PROBLEMS IDENTIFIED

NY Route 29 is a Priority Investigation Location (PIL) from RM 1144 to 1146 and a Priority Investigation Intersection (PII) at RM 1146 (Rowland St) based on reportable accidents during the period 1/1/17 to 12/31/18. This section of NY 29 which travels east-west, is a two lane undivided Urban Minor Arterial highway with free access. The travel lanes are 11 feet wide with 4 foot shoulders. The posted speed limit is 55 MPH.

Eastbound NY 29 is intersected by Saratoga County Route 47 (Rowland Street) from the south and Petrified Sea Garden Road from the north at RM 1146. The intersection is controlled by a 3 color traffic signal. Signal Ahead signs are located on all of the approaches except for southbound on Petrified Sea Garden Road.

During the 3 year study period from 7/1/2016 to 6/30/2019, there were 30 collisions. The crash rate of 8.64 ACC/MVM is greater than the expected rate of 3.54 ACC/MVM for similar highways statewide. 25 (83.3%) of the collisions occurred at the signalized intersection. 8 (26.7%) of the collisions occurred on wet pavement and none occurred on snow/ice pavement. 10 (33.3%) of the collisions reported personal injuries.

Due to the volume of left turns, volume of opposing through traffic, vehicle delays and observation of the intersection, a leading left turn arrow was added to the signal for WB motorists in 2007.

(b) PROPOSED SOLUTION

Install left turn lanes, both directions, on Route 29.

(c) ACTION TAKEN

A Benefit Cost analysis has been completed recommending the left turn lanes and forwarded to R-1 Planning as an HSIP project.

5. ACCIDENT EXPERIENCE							6. BENEFIT / COST ANALYSIS (see instructions)					
Number Of Months	PERIOD BEGINNING						NUMBER OF ACCIDENTS			Check box if Benefit / Cost Calculations are attached ☐	PRINCIPAL INVESTIGATOR T. Balogh	TITLE Safety Evaluation Engineer
	MONTH		YEAR		Fatal Accidents	Injury Accidents	Property Damage Accidents					
0	6	0	7	1	6	0	1	2		APPROVED BY	DATE <u>9/3/2020</u>	
0	1	2	4	1	7	0	9	12				
0	6	0	1	1	9	0	1	4				

DETAILS OF ACCIDENT HISTORY FOR LOCATION (AS SHOWN ON COLLISION DIAGRAM)

DIAGRAM NO. 1

SHEET 1 OF 3

COUNTY <u>Saratoga</u>		P.I.N. <u>1 5 0 1 9 9</u>		ROUTE NO. OR STREET NAME <u>Route 29</u>		CASE NO. _____	
☒ TOWN		OR IDENT. _____		AT INTERSECTION WITH/OR BETWEEN <u>Rowland St (CR 47)</u>		FILE _____	
☐ CITY						BY <u>T. Balogh</u>	
☐ VILLAGE OF <u>Milton</u>						DATE <u>4/3/2020</u>	

TIME PERIOD			ENVIRONMENTAL		LIGHT CONDITIONS		ROADWAY CHARACTER		ROADWAY SURFACE CONDITION		WEATHER	
NUMBER OF MONTHS	FROM	TO	Use codes from MV 104 (shown on right) for these categories		1. DAYLIGHT 2. DAWN 3. DUSK 4. DARK RD. LIGHTED 5. DARK ROAD UNLIGHTED 6. OTHER		1. STRAIGHT AND LEVEL 2. STRAIGHT AND GRADE 3. STRAIGHT AT HILLCREST 4. CURVE AND LEVEL 5. CURVE AND GRADE 6. CURVE AT HILLCREST		1. DRY 2. WET 3. MUDDY 4. SNOW/ICE 5. SLUSH 10. OTHER		1. CLEAR 2. CLOUDY 3. RAIN 4. SNOW 5. SLEET/HAIL/FREEZING RAIN 6. FOG/SMOG/SMOKE 10. OTHER	
	36	7/1/2016	6/30/2019	④	⑤	⑥	⑦	⑧	⑨			

For Apparent Contributing Factors, use codes from MV 104 Police Report										
① NO.	② DATE	③ TIME	④ NO. OF VEHICLES	SEVERITY	LIGHT CONDITIONS	ROADWAY CHARACTER	ROADWAY SURFACE CONDITION	WEATHER	⑩ APPARENT CONTRIBUTING FACTORS	⑪ DESCRIPTION
1	9/22/2016	18:24	2	PI	1	2	1	1	13	V1 WB, V2 (bicyclist) NB, V1 on green light attempts lt, cutting corner striking V2
2	8/19/2016	17:55	2	PDO	1	1	1	1	17, 62	V1 WB, V2 SB, V1 blinded by sun runs red light striking V2 in intersection
3	11/4/2016	1:04	1	PDO	5	2	1	1	61	V1 WB, strikes deer
4	2/8/2017	14:02	3	PI	1	1	1	2	19, 9	all WB at light, V1 rear ends V2 which rear ends V3
5	3/10/2017	16:24	2	PDO	1	1	1	1	9, 4	V2 WB stopped at light, V2 following too close rear ends V1
6	4/20/2017	18:18	2	PI	3	1	1	2		V1 NB at light, V2 WB runs light striking V1
7	6/29/2017	3:19	3	PI	1	1	1	2		V1 EB, V2 WB attempts left turn in front of V1, V1 stikes V2 which strikes V3 NB at light
8	7/20/2017	3:17	1	PDO	5	1	1	2	61	V1 EB strikes deer
9	11/18/2017	10:35	2	PI	1	1	1	2	42	V1 NB, loses her brakes, attempts lt turn to avoid collision but strikes V2 WB at light
10	11/30/2017	17:21	2	PDO	5	1	1	2	7	V1 SB failed to yield to V2 EB while making left turn to Rowland St SB
11	1/10/2018	14:01	2	PDO	1	2	1	1	7	V1 WB failed to yield to V2 EB while making left turn to Rowland St SB
12	3/7/2018	8:19	2	PI	1	2	2	4		V2 SB at light, failed to yield striking V1 WB
13	4/16/2018	17:54	2	PI	1	1	2	2	7	V2 WB passing an uninvol veh making a lt turn, V1 EB attempts lt turn fails to yield to V2
14	6/23/2018	14:31	2	PI	1	2	2	3	2, 9	V2 NB at light, V1 rear ended V2
15	8/5/2018	13:05	1	PDO	1	1	1	1	9	V2 WB stopped at light to make left turn, V1 rear ended V2
16	8/20/2018	16:40	2	PDO	1	1	1	1	4, 9	V2 WB stopped in traffic at light, V1 rear ends V2
17	9/16/2018	18:47	2	PI	3	1	1	1	7, 62	V1 WB did not see light due to glare of sun, strikes V2 SB in intersection
18	10/20/2018	3:54	1	PDO	5	2	1	2	61	V1 EB strikes deer
19	10/22/2018	21:36	2	PDO	5	2	1	1	7	V1 NB, V2 WB, V2 strikes V1 in intersection
20	10/22/2018	6:52	3	PDO	2	1	1	1	7	V1 WB turned left in front of V2 EB, V2 then struck V3 NB

RM

DETAILS OF ACCIDENT HISTORY FOR LOCATION (AS SHOWN ON COLLISION DIAGRAM)

DIAGRAM NO. 1

SHEET 2 OF 3

COUNTY <u>Saratoga</u>		P.I.N. <u>1 5 0 1 9 9</u>		ROUTE NO. OR STREET NAME <u>Route 29</u>		CASE NO. _____	
☒ TOWN		OR IDENT. _____		AT INTERSECTION WITH/OR BETWEEN <u>Rowland St (CR 47)</u>		FILE <u>0</u>	
☐ CITY						BY <u>T. Balogh</u>	
☐ VILLAGE OF <u>Milton</u>						DATE <u>4/3/2020</u>	

TIME PERIOD			ENVIRONMENTAL		LIGHT CONDITIONS		ROADWAY CHARACTER		ROADWAY SURFACE CONDITION		WEATHER		
NUMBER OF MONTHS <u>36</u>			Use codes from MV 104 (shown on right) for these categories		1. DAYLIGHT 2. DAWN 3. DUSK 4. DARK RD. LIGHTED 5. DARK ROAD UNLIGHTED 6. OTHER		1. STRAIGHT AND LEVEL 2. STRAIGHT AND GRADE 3. STRAIGHT AT HILLCREST 4. CURVE AND LEVEL 5. CURVE AND GRADE 6. CURVE AT HILLCREST		1. DRY 2. WET 3. MUDDY 4. SNOW/ICE 5. SLUSH 10. OTHER		1. CLEAR 2. CLOUDY 3. RAIN 4. SNOW 5. SLEET/HAIL/FREEZING RAIN 6. FOG/SMOG/SMOKE 10. OTHER		
FROM <u>7/1/2016</u> TO <u>6/30/2019</u>			④	⑤	⑥	⑦	⑧	⑨					
			NO. OF VEHICLES	SEVERITY	LIGHT CONDITIONS	ROADWAY CHARACTER	ROADWAY SURFACE CONDITION	WEATHER					
① NO.	② DATE	③ TIME							⑩ APPARENT CONTRIBUTING FACTORS				
									⑪ DESCRIPTION				
21	11/28/2018	16:59	4	PI	5	1	1	1	9	V2, V3, V4 WB stopped at light, V1 rear ends V2 causing chain reaction			
22	11/29/2018	20:13	1	PDO	5	1	1	1	8, 27	V1 EB fell asleep, crosses over oncoming traffic and off the road			
23	11/28/2018	16:52	3	PDO	5	1	1	1	9, 4	all WB, V3 stopped in traffic, V1 struck rear of V2 which struck rear of V3			
24	12/15/2018	20:05	2	PDO	5	1	2	2	9	V2 EB stopped at light, V1 rear ended V2			
25	1/3/2019	7:57	2	PDO	1	1	2	1	3	V1 WB backs up to allow a snowplow to turn, striking V2			
26	3/22/2019	14:27	2	PDO	1	1	2	3	9	V1 EB rear ended V2			
27	5/9/2019	10:43	2	PI	1	1	1	1	13	V1 WB passes uninvolv veh making a lt turn, fails to yield to V2 EB making a lt turn			
28	6/6/2019	10:38	2	PDO	1	1	1	2	7	V1 NB failed to yield to V2 EB			
29	6/18/2019	7:43	2	PDO	1	1	1	2	7	V1 WB failed to yield to V2 EB			
30	10/30/2017	21:00	1	PDO	5	1	2	3		V1 EB struck debris			
31													
32													
33													
34													
35													
36													
37													
38													
39													
40													

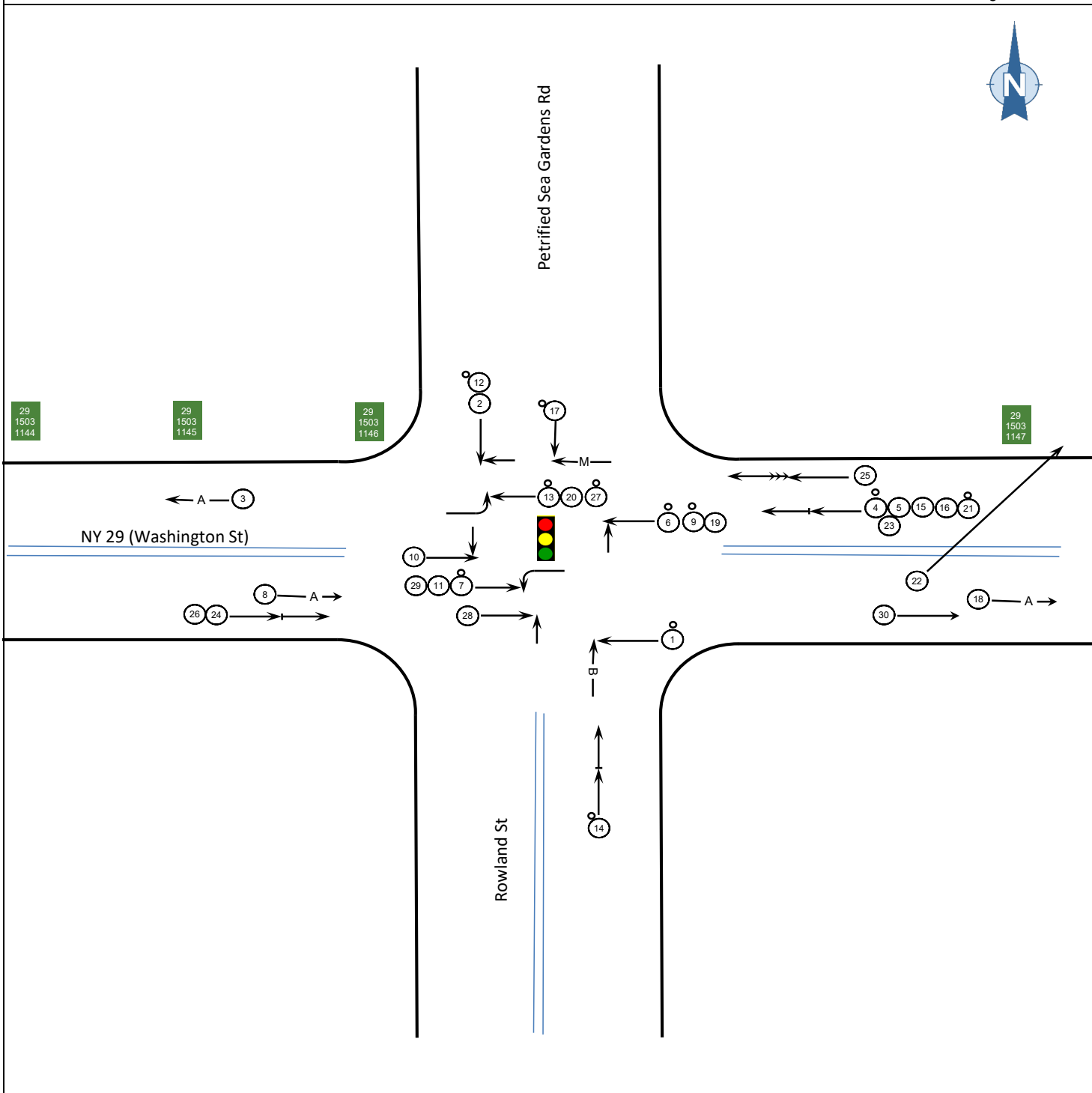
RM

DATE: 4/3/2020

DEPT. OF TRANSPORTATION
TRAFFIC ENGINEERING DIVISION
COLLISION DIAGRAM # -

3 OF 3
CASE NO. 1-5-0199

MUNICIPALITY: Milton COUNTY: Saratoga
INTERSECTION: Route 29 AT Rowland St (CR 47) FILE: 29 1503 3012
PERIOD: 3 YRS 0 MTHS FROM: 7/1/2016 TO 6/30/2019 BY: T. Balogh



SYMBOLS		MANNER OF COLLISION	
	Moving Vehicle		Rear-end
	Motorcycle		Out of control
	Backing Vehicle		Skidding
	Stopped Vehicle		Overturned
	Parked Vehicle		Side-swipe
	Pedestrian		Head-on
	Bicycle		Left-turn
	Fixed Object		Right-angle
	Personal Injury		Overtake
	Fatal Injury		

ACCIDENT SUMMARY SHEET

MUNICIPALITY: Milton

COUNTY: Saratoga

LOCATION: Route 29

HSI#: 1-5-0199

TIME PERIOD: 7/1/2016 TO 6/30/2019

NO. OF MONTHS: 36

<u>Accident Type</u>	<u>No. of Accidents</u>
Right Angle	<u>9</u>
Rear End	<u>10</u>
Overtaking	<u>0</u>
Left Turn	<u>5</u>
Parked Vehicle	<u>0</u>
Pedestrian	<u>0</u>
Bicycle	<u>1</u>
Side Swipe	<u>0</u>
Head-On	<u>0</u>
Animal	<u>3</u>
Fixed Object	<u>2</u>
w/Utility Poles	<u></u>
w/Guide Rail	<u></u>
w/Sign Posts	<u></u>
w/Tree	<u></u>
w/Ditch-Embank.	<u>1</u>
w/debris	<u>1</u>
TOTAL	<u>30</u>

<u>Pavement</u>	<u>No of Accidents</u>
Dry	<u>23</u>
Wet	<u>7</u>
Muddy	<u>0</u>
Snow/Ice/Slush	<u>0</u>
Other	<u>0</u>
TOTAL	<u>30</u>

<u>Weather</u>	<u>No of Accidents</u>
Clear	<u>15</u>
Cloudy	<u>11</u>
Rain	<u>3</u>
Snow	<u>1</u>
Sleet/Hail/Freezing Rain	<u>0</u>
Fog/Smog/Smoke	<u>0</u>
Other	<u>0</u>
TOTAL	<u>30</u>

<u>Light Conditions</u>	<u>No. of Accidents</u>
Day	<u>17</u>
Dawn/Dusk	<u>3</u>
Night (unlighted)	<u>10</u>
Night (lighted)	<u>0</u>
Other	<u>0</u>
TOTAL	<u>30</u>

<u>Accident Severity</u>	<u>No. of Accidents</u>
Fatal	<u>0</u>
Personal Injury	<u>11</u>
Property Damage Only	<u>19</u>
Non-Reportable	<u>0</u>
TOTAL	<u>30</u>

ACCIDENT RATE

LOCATION: Route 29 AT Rowland St (CR 47)
DATE: 4/3/2020

INTERSECTION OR LINK? link

NO. OF ACCIDENTS 30

DAILY VEHICLES 10570

LINK LENGTH (mi) 0.3

NO. OF MONTHS 36

INTERSECTION	ACCIDENT RATE	N/A	ACC/MEV
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STATEWIDE AVG. RATE			ACC/MEV
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LINK ACCIDENT RATE	8.639943322		ACC/MVM
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STATEWIDE AVG. RATE	3.54		ACC/MVM
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ACCIDENT RATE

LOCATION: Route 29 AT Rowland St (CR 47)
DATE: 4/3/2020

INTERSECTION OR LINK? intersection

NO. OF ACCIDENTS	<u>25</u>	omitted crashes 3, 8, 18, 22, 30
		west approach 10126
DAILY VEHICLES	<u>14782</u>	east approach 12003
		south approach 6934
LINK LENGTH (mi)	<u></u>	north approach 500
		total 29563
NO. OF MONTHS	<u>36</u>	intersection MEV 14781.5

INTERSECTION ACCIDENT RATE 1.545 ACC/MEV

STATEWIDE AVG. RATE 0.56 ACC/MEV

(4 leg urban signalized)

LINK ACCIDENT RATE N/A ACC/MVM

STATEWIDE AVG. RATE ACC/MVM



MEMORANDUM

Case #1230026

TO: J. Felice, Project Manager, Region 1
FROM: R. Sholtes, Traffic Safety and Mobility
SUBJECT: Operating Speeds
Route 29 at Rowland St.
Town of Milton
Saratoga County
DATE: April 28, 2023

This is in response to your January 1, 2022, request for operating speeds for the intersection of Route 29 and Rowland Street for an upcoming intersection safety enhancement project.

Currently, the speed limit for Route 29 through this corridor is governed by the statewide 55 mph speed limit. The speed limit on Rowland Street prior to its the intersection of Route 29 is 45 mph. The speed limit on Petrified Sea Gardens Road is 30 mph. Radar measurements were taken of traffic on Route 29 and Rowland Street (traffic volume on Petrified Sea Gardens Road was too low to collect radar data). The following are the measured 85th percentile speeds:

Route 29 near RM 1151	85 th percentile speed was 53 MPH.
Rowland Street near Grand Avenue	85 th percentile speed was 47 MPH.

Attached is the complete radar data for additional information. We refer you to Chapter 2 of the Highway Design Manual regarding the selection of the appropriate design speed for your particular project.

Any questions please contact David DiVirgilio of this office at (518)-457-8338.

NEW YORK STATE DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING AND SAFETY DIVISION
SPEED DATA AND ANALYSIS SHEET

CASE # 1230026
 FILE # _____ TROOP: G

HIGHWAY: Route 29

Town: Milton COUNTY: Saratoga

LOCALITY: _____

SPEED CHARACTERISTICS

	CHECK #1	CHECK #2	CHECK #3	CHECK #4	COMBINED TOTAL
85% SPEED	53 MPH	47 MPH			
10 MILE PACE	44 - 53	38 - 47			
% IN PACE	78%	74%			
LEGAL LIMIT	55 MPH	45 MPH			
% OVER LEGAL SL	7%	24%			
% OVER MPH					
% OVER MPH					
% OVER MPH					

CHECK #1 DATE: 4/27/2023
TIME FROM: 10:16 AM TO: 10:40 AM
WEATHER: Cloudy, 46 Degrees, Dry Pavement.
LOCATION: Route 29. Pull-off area near RM 1151.

CHECK #2 DATE: 4/27/2023
TIME FROM: 10:50 AM TO: 11:29 AM
WEATHER: Cloudy, 46 Degrees, Dry Pavement.
LOCATION: Rowland St, Near Grand Ave.

CHECK #3 DATE: _____
TIME FROM: _____ TO: _____
WEATHER: _____
LOCATION: _____

CHECK #4 DATE: _____
TIME FROM: _____ TO: _____
WEATHER: _____
LOCATION: _____

SPEED (MPH)	CHECK #1	CHECK #2	CHECK #3	CHECK #4	COMBINED TOTAL
>80					0
80					0
79					0
78					0
77					0
76					0
75					0
74					0
73					0
72					0
71					0
70					0
69					0
68					0
67					0
66					0
65	1				1
64					0
63	1				1
62					0
61					0
60					0
59					0
58	2				2
57	1				1
56	2				2
55	3	1			4
54	4				4
53	11	1			12
52	7				7
51	5	1			6
50	8	4			12
49	12	3			15
48	13	3			16
47	7	5			12
46	5	6			11
45	5	7			12
44	5	10			15
43	5	6			11
42		10			10
41	2	10			12
40		10			10
39	1	5			6
38		5			5
37		5			5
36		4			4
35		2			2
34		1			1
33					0
32		1			1
31					0
30					0
29					0
28					0
27					0
26					0
25					0
24					0
23					0
22					0
21					0
20					0
19					0
18					0
17					0
16					0
15					0
<15					0
TOTAL	100	100	0	0	200
85% c	85	85	0	0	170
15%	15	15	0	0	30

SPEED CHECK BY: DD
 ANALYSIS BY: DD

MEMORANDUM

FROM: D. Collins, Region 1 Planning

To: J. Felice, Project Manager, Region One

SUBJECT: Traffic Analysis/Forecast
PIN: 1236.29
Rte. 29 at Rowland St. Intersection Safety Enhancements
Town of Milton and City of Saratoga Springs
Saratoga County

DATE: January 5, 2022

Rte 29 west of Rowland St (Station 15_0043: from Middeline Rd to Saratoga City Line)

YEAR	AADT Both directions	AADT EB	AADT WB	DHV	DDHV	
					EB	WB
Existing (2014)	9,838	4,993	4,845	809	444	414
ETC (2024)	10,867	5,515	5,352	894	490	457
ETC+10 (2034)	12,004	6,092	5,912	987	542	505
ETC+20 (2044)	13,260	6,730	6,530	1,090	598	558

Heavy Vehicles % 9.7% for EB and 8.0% WB.
Peak Hour % of a weekday 9% for both WB and EB.
DDHV for EB occurs during the 7am hour and WB occurs during the 4pm hour.

Rte 29 east of Rowland St (Station 15_0058: from Saratoga City Line to Brook Rd)

YEAR	AADT Both directions	AADT EB	AADT WB	DHV	DDHV	
					EB	WB
Existing (2017)	12,055	6,211	5,844	1,080	560	543
ETC (2024)	12,925	6,659	6,266	1,158	600	582
ETC+10 (2034)	14,277	7,356	6,921	1,279	663	643
ETC+20 (2044)	15,770	8,125	7,645	1,413	733	710

Heavy Vehicles % 8.3% for EB and 6.7% WB.
Peak Hour % of a weekday 8.0% for both EB and WB.
DDHV for EB occurs during the 7am hour and WB occurs during the 4pm hour.

Rowland Street south of Rte 29 (Station 15_8143: from Grand Ave to NY 29)

YEAR	AADT Both directions	AADT NB	AADT SB	DHV	DDHV	
					NB	SB
Existing (2019)	6,934	3,641	3,293	645	343	302
ETC (2024)	7,288	3,827	3,461	678	360	317
ETC+10 (2034)	8,050	4,227	3,823	749	398	351
ETC+20 (2044)	8,892	4,669	4,223	827	440	387

Heavy Vehicles % 12.0% for NB and 11.5% SB.
Peak Hour % of a weekday 9.0% for NB and 8.0% for SB.
DDHV for both NB and SB occurs during the 4pm hour.

Petrified Sea Gardens Road north of Rte 29

No Data Available

Please contact me with any questions.

STATION: 150043

New York State Department of Transportation
Traffic Count Hourly Report

Page 1 of 2

ROUTE #: NY 29 ROAD NAME: FROM: CR59 MIDDLELINE RD TO: SARATOGA W CITY LN COUNTY: Saratoga
 DIRECTION: Eastbound FACTOR GROUP: 40 REC. SERIAL #: 2637 FUNC. CLASS: 04 TOWN:
 STATE DIR CODE: 6 WK OF YR: 45 PLACEMENT: 650' W of Hoffman Rd NHS: no LION#:
 DATE OF COUNT: 11/04/2014 @ REF MARKER: JURIS: City BIN:
 NOTES LANE 1: EB travel lane ADDL DATA: CC Stn: RR CROSSING:
 COUNT TYPE: VEHICLES BATCH ID: DOT-R01R1 WW45A VOLUME SAMPLE:

COUNT TAKEN BY: ORG CODE: TSD INITIALS: BEK

PROCESSED BY: ORG CODE: TSD INITIALS: BEK

DATE	DAY	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	DAILY TOTAL	DAILY HIGH COUNT	DAILY HIGH HOUR
		AM												PM														
1	S																											
2	S																											
3	M																											
4	T																											
5	W	69	14	6	12	28	100	289	434	387	299	281	258	267	253	267	347	444	419	296	196	81	71	39	54	4911	444	16
6	T	53	15	13	8	30	105	263	488	355	301	252	263	246	266	284	336	358	335	248	166	73	60	60	58	4636	488	7
7	F	43	15	17	10	34	87	241	455	383	283	264	306	291	296	348	447	435	364	279	142	86	93	64	79	5062	455	7
8	S	32	20	15	11	21	49	124	181	285	292	299	329	267	299	280	266	317	237	232	146	100	93	71	70	4036	329	11
9	S	51	21	13	10	17	32	83	133	157	214	238	287	299	267	228	272	235	199	134	130	86	54	42	63	3265	299	12
10	M	40	16	10	16	37	93	265	388	367	290	269	279	266	242	296	361	382	347	228	186	87	67	36	50	4618	388	7
11	T																											
12	W	29	13	10	15	36	103	288	451	401	296	282	268	272	258	298	363	368	382	264	184	93	62	55	57	4848	451	7
13	T	51	16	15	12	22	104	249	450	365	279	260	248	238														
14	F																											
15	S																											
16	S																											
17	M																											
18	T																											
19	W																											
20	T																											
21	F																											
22	S																											
23	S																											
24	M																											
25	T																											
26	W																											
27	T																											
28	F																											
29	S																											
30	S																											

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

49	15	12	11	30	100	266	444	376	291	268	270	258	255	286	353	395	368	260	186	86	64	49	51	4743
DAYS Counted	HOURS Counted	WEEKDAYS Counted		WEEKDAY Hours	AVERAGE WEEKDAY				Axle Adj. Factor		Seasonal/Weekday Adjustment Factor		ESTIMATE											
					High Hour		% of day																	
9	190	6		124	444		9%		1.000		0.950		AAD											

AADT
4993

ROUTE # NY 29
STATION: 150043

ROAD NAME:
STATE DIR CODE: 6

FROM: CR59 MIDDLELINE RD
PLACEMENT: 650' W of Hoffman Rd

TO: SARATOGA W CITY LN

COUNTY: Saratoga
DATE OF COUNT: 11/04/2014

New York State Department of Transportation

Traffic Count Hourly Report

ROUTE #: NY 29 ROAD NAME: FROM: CR59 MIDDLELINE RD TO: SARATOGA W CITY LN COUNTY: Saratoga
 DIRECTION: Westbound FACTOR GROUP: 40 REC. SERIAL #: 2637 FUNC. CLASS: 04 TOWN:
 STATE DIR CODE: 7 WK OF YR: 45 PLACEMENT: 650' W of Hoffman Rd NHS: no LION#:
 DATE OF COUNT: 11/04/2014 @ REF MARKER: JURIS: City BIN:
 NOTES LANE 1: EB travel lane ADDL DATA: CC Stn: RR CROSSING:
 COUNT TYPE: VEHICLES BATCH ID: DOT-R01R1 WW45A VOLUME SAMPLE:

COUNT TAKEN BY: ORG CODE: TSD INITIALS: BEK

PROCESSED BY: ORG CODE: TSD INITIALS: BEK

DATE	DAY	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	DAILY TOTAL	DAILY HIGH COUNT	DAILY HIGH HOUR
		AM												PM														
1	S																											
2	S																											
3	M																											
4	T																											
5	W	30	13	14	12	35	236	389	304	188	176	207	236	222	281	300	376	412	394	290	212	181	150	82	56	4796	412	16
6	T	28	18	6	11	31	233	386	294	182	166	201	217	251	301	282	378	390	361	243	180	167	154	97	51	4628	390	16
7	F	23	14	9	14	32	149	344	289	207	195	219	244	285	283	343	394	432	456	283	194	188	211	139	89	5036	456	17
8	S	41	28	16	14	19	88	79	107	142	166	231	245	304	276	328	331	309	255	238	175	152	179	156	89	3968	331	15
9	S	56	25	28	19	16	76	61	67	97	110	168	221	247	277	291	305	307	242	206	154	105	86	66	34	3264	307	16
10	M	18	16	10	18	37	223	336	265	178	164	199	264	234	263	293	335	401	385	203	165	142	148	78	55	4430	401	16
11	T																											
12	W	32	12	8	17	19	239	355	287	218	185	208	270	246	260	293	362	449	387	240	189	151	133	86	38	4684	449	16
13	T	30	14	16	17	23	219	346	281	188	159	211	228	209														
14	F																											
15	S																											
16	S																											
17	M																											
18	T																											
19	W																											
20	T																											
21	F																											
22	S																											
23	S																											
24	M																											
25	T																											
26	W																											
27	T																											
28	F																											
29	S																											
30	S																											

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

29	14	11	14	28	215	359	287	194	174	208	243	232	276	292	365	414	384	239	185	159	146	84	51	4603	
<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>		<u>ESTIMATE</u>									
						High Hour						% of day													
9	190			6	124	414						9%		1.000		0.950		AAD							

**New York State Department of Transportation
Classification Count Average Weekday Data Report**

ROUTE #:	NY 29	ROAD NAME:	YEAR: 2020	STATION:	150043
COUNTY NAME:	Saratoga		MONTH: December		
REGION CODE:	1				
FROM:	CR59 MIDDLELINE RD				
TO:	CR47 ROWLAND ST				
REF-MARKER:					
END MILEPOINT:	1445	NO. OF LANES:	2		
FUNC-CLASS:	04	HPMS NO:			
STATION NO:	0043	LION#:			
COUNT TAKEN BY:	ORG CODE: TST	INITIALS: HJD			
PROCESSED BY:	ORG CODE: DOT	INITIALS: CPA	BATCH ID: DOT-R01C49aTST5195		

DIRECTION	East	West	TOTAL
NUMBER OF VEHICLES	3648	3525	7173
NUMBER OF AXLES	7716	7479	15195
% HEAVY VEHICLES (F4-F13)	9.65%	8.00%	8.84%
% TRUCKS AND BUSES (F3-F13)	31.96%	28.57%	30.29%
AXLE CORRECTION FACTOR	0.95	0.94	0.94

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	5	1	0	1	0	0	2	0	0	0	0	9
	2:00	0	4	1	0	0	0	0	0	0	0	0	0	5
	3:00	0	3	3	0	1	0	0	1	0	0	0	0	9
	4:00	0	10	3	0	0	0	0	2	0	0	0	0	15
	5:00	0	14	8	0	2	0	0	4	0	0	0	0	28
	6:00	0	46	25	1	5	0	0	2	1	0	0	0	80
	7:00	0	123	64	2	13	0	0	4	1	0	0	0	207
	8:00	0	201	65	3	15	3	0	6	0	0	0	1	295
	9:00	0	172	57	2	8	3	0	2	3	0	0	0	247
	10:00	1	166	53	3	13	4	0	3	9	1	0	0	253
DIRECTION	11:00	0	160	54	3	10	6	0	3	9	1	0	0	246
East	12:00	0	150	52	1	14	4	0	3	8	2	0	0	234
	13:00	1	165	52	2	8	4	0	2	6	0	0	0	241
	14:00	0	158	49	1	10	3	0	2	8	1	0	0	232
	15:00	0	185	65	2	13	4	0	4	4	1	0	0	278
	16:00	0	204	65	2	10	1	0	3	3	0	0	0	288
	17:00	0	237	68	2	11	2	0	1	4	1	0	0	326
	18:00	0	207	55	1	7	1	0	2	2	1	0	0	277
	19:00	0	107	30	0	7	1	0	1	1	0	0	0	147
	20:00	0	56	18	1	4	1	0	1	4	0	0	0	85
	21:00	0	39	11	1	4	0	0	1	2	0	0	0	58
	22:00	0	27	6	0	1	0	0	0	2	0	0	0	36
	23:00	0	30	5	0	0	0	0	1	0	0	0	0	36
	24:00	0	11	4	0	0	0	0	1	0	0	0	0	16
TOTAL VEHICLES	2	2480	814	27	157	37	0	30	88	10	0	0	3	3648
TOTAL AXLES	4	4960	1628	68	314	111	0	105	440	60	0	0	26	7716
ENDING HOUR	1:00	0	11	3	0	0	0	0	4	0	0	0	0	18
	2:00	0	5	1	0	0	0	0	2	0	0	0	0	8
	3:00	0	2	2	0	0	0	0	1	0	0	0	0	6
	4:00	0	3	1	0	0	0	0	1	2	0	0	0	7
	5:00	0	13	8	1	0	0	0	1	3	0	0	0	26
	6:00	0	70	33	1	2	1	0	1	2	0	0	0	110
	7:00	0	144	47	4	5	0	0	1	4	0	0	0	205
	8:00	0	183	48	2	5	1	1	8	1	0	0	1	251
	9:00	0	131	35	2	6	3	1	2	5	1	0	0	186
	10:00	0	98	36	3	5	2	2	2	9	0	0	0	158
	11:00	0	110	49	2	6	2	2	1	7	0	0	0	179
DIRECTION	12:00	0	144	38	2	7	4	2	2	8	0	0	0	208
West	13:00	0	150	50	2	5	3	2	2	6	0	0	0	220
	14:00	1	152	45	2	7	3	3	2	5	1	0	0	221
	15:00	0	176	55	4	7	2	1	2	6	0	0	0	253
	16:00	0	231	80	3	8	1	0	1	4	0	0	0	328
	17:00	1	262	65	2	7	1	0	2	5	0	0	0	345
	18:00	0	246	47	0	7	1	0	0	2	0	0	0	303
	19:00	0	128	28	0	2	0	0	1	3	0	0	0	162
	20:00	0	102	19	0	3	0	0	0	2	1	0	0	127
	21:00	0	63	14	1	1	0	0	0	1	1	0	0	81
	22:00	0	39	11	0	1	0	0	1	1	0	0	0	53
	23:00	0	35	4	0	1	0	0	0	2	0	0	0	42
	24:00	0	18	6	0	2	0	0	0	2	0	0	0	28
TOTAL VEHICLES	2	2516	725	31	87	24	14	23	93	7	0	0	3	3525
TOTAL AXLES	4	5032	1450	78	174	72	56	80	465	42	0	0	26	7479
GRAND TOTAL VEHICLES	4	4996	1539	58	244	61	14	53	181	17	0	0	6	7173
GRAND TOTAL AXLES	8	9992	3078	145	488	183	56	186	905	102	0	0	52	15195

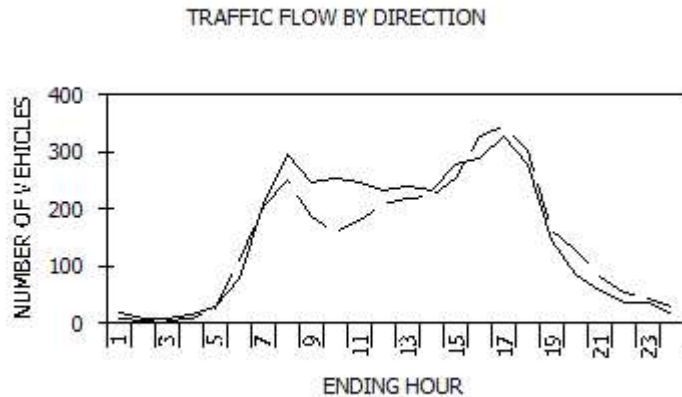
VEHICLE CLASSIFICATION CODES:

- 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



PEAK HOUR DATA					
DIRECTION	HOUR	COUNT	2-WAY A.M.	HOUR	COUNT
East	17	326		8	546
West	17	345		17	671

SOURCE: NYSDOT DATA SERVICES BUREAU

**New York State Department of Transportation
Speed Count Average Weekday Report**

**Page 1 of 2
Date: 01/08/2021**

Station: 150043
Route #: NY 29 Road name:
From: CR59 MIDDLELINE RD
To: CR47 ROWLAND ST
Direction: East

Start date: Tue 12/01/2020 10:00
End date: Fri 12/04/2020 15:45
County: Saratoga
Town:
Speed limit: 55
LION#:

Count duration: 78 hours
Functional class: 4
Factor group: 40
Batch ID: DOT-R01C49aTST5195
Count taken by: Org: TST Init: HJD
Processed by: Org: DOT Init: CPA

Speeds, mph

Hour	0.0-30.0	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	75.1-80.0	80.1-85.0	85.1-115.0	% Exc 55.0	% Exc 60.0	% Exc 65.0	% Exc 70.0	% Exc 75.0	Avg	50th%	85th%	Total
1:00	0	0	0	2	2	2	2	1	0	0	0	0	0	33.3	11.1	0.0	0.0	0.0	50.5	51.3	59.2	9
2:00	0	0	0	0	2	1	2	0	1	0	0	0	0	50.0	16.7	16.7	0.0	0.0	54.2	55.0	65.6	6
3:00	0	0	0	0	1	3	3	1	0	0	0	0	0	50.0	12.5	0.0	0.0	0.0	54.7	55.0	59.7	8
4:00	0	0	0	0	3	6	4	1	0	0	0	0	0	35.7	7.1	0.0	0.0	0.0	53.2	53.4	58.7	14
5:00	0	0	0	1	5	11	7	3	0	0	0	0	0	37.0	11.1	0.0	0.0	0.0	53.1	53.5	59.3	27
6:00	0	0	0	2	13	30	25	8	1	0	0	0	0	43.0	11.4	1.3	0.0	0.0	53.7	54.1	59.5	79
7:00	8	3	4	15	43	73	48	12	0	0	0	0	0	29.1	5.8	0.0	0.0	0.0	48.2	52.1	58.1	206
8:00	14	6	15	23	61	103	61	11	1	0	0	0	0	24.7	4.1	0.3	0.0	0.0	46.7	51.4	57.4	295
9:00	8	3	6	13	53	89	64	10	1	0	0	0	0	30.4	4.5	0.4	0.0	0.0	48.8	52.3	58.0	247
10:00	16	5	6	15	56	93	51	11	1	0	0	0	0	24.8	4.7	0.4	0.0	0.0	46.2	51.6	57.5	254
11:00	11	5	7	16	59	90	48	11	1	0	0	0	0	24.2	4.8	0.4	0.0	0.0	47.2	51.5	57.4	248
12:00	14	6	6	15	63	90	39	8	1	0	0	0	0	19.8	3.7	0.4	0.0	0.0	46.0	51.0	56.6	242
13:00	12	4	4	15	53	94	48	10	1	0	0	0	0	24.5	4.6	0.4	0.0	0.0	47.3	51.8	57.4	241
14:00	12	2	3	17	55	89	43	11	1	0	0	0	0	23.6	5.2	0.4	0.0	0.0	47.2	51.6	57.4	233
15:00	17	7	7	20	64	106	46	9	1	0	0	0	0	20.2	3.6	0.4	0.0	0.0	45.8	51.2	56.6	277
16:00	16	7	11	18	83	94	48	12	1	1	0	0	0	21.3	4.8	0.7	0.3	0.0	46.0	50.6	57.0	291
17:00	24	14	12	35	98	99	40	6	0	0	0	0	0	14.0	1.8	0.0	0.0	0.0	43.6	49.1	54.9	328
18:00	22	6	15	36	80	80	29	8	0	0	0	0	0	13.4	2.9	0.0	0.0	0.0	43.3	48.7	54.8	276
19:00	9	3	3	18	37	46	26	4	0	0	0	0	0	20.5	2.7	0.0	0.0	0.0	45.4	50.4	56.6	146
20:00	9	3	4	9	19	23	12	5	1	0	0	0	0	21.2	7.1	1.2	0.0	0.0	42.5	49.7	57.2	85
21:00	5	1	2	4	12	17	12	4	1	0	0	0	0	29.3	8.6	1.7	0.0	0.0	44.9	51.5	58.5	58
22:00	3	1	1	5	7	10	8	2	0	0	0	0	0	27.0	5.4	0.0	0.0	0.0	44.4	50.8	57.8	37
23:00	4	1	0	2	5	13	7	3	1	0	0	0	0	30.6	11.1	2.8	0.0	0.0	44.2	52.4	59.0	36
24:00	1	1	0	0	2	5	4	3	1	0	0	0	0	47.1	23.5	5.9	0.0	0.0	48.5	54.6	62.5	17
Avg. Daily Total	205	78	106	281	876	1267	677	154	15	1	0	0	0	23.1	4.6	0.4	0.0	0.0	46.2	51.2	57.3	3660
Percent	5.6%	2.1%	2.9%	7.7%	23.9%	34.6%	18.5%	4.2%	0.4%	0.0%	0.0%	0.0%	0.0%									
Cum. Percent	5.6%	7.7%	10.6%	18.3%	42.2%	76.9%	95.4%	99.6%	100.0%	100.0%	100.0%	100.0%	100.0%									
Average hour	9	3	4	12	36	53	28	6	1	0	0	0	0									152

TRAFFIC FLOW BY DIRECTION

	Avg. Speed	50th% Speed	85th% Speed
East	46.2	51.2	57.3
West	47.0	51.2	56.8

Peak Hour Data					
Direction	Hour	Count	2-way	Hour	Count
East	17	328	A.M.	8	544
West	17	344	P.M.	17	672



**New York State Department of Transportation
Speed Count Average Weekday Report**

**Page 2 of 2
Date: 01/08/2021**

Station: 150043
Route #: NY 29 Road name:
From: CR59 MIDDLELINE RD
To: CR47 ROWLAND ST
Direction: West

Start date: Tue 12/01/2020 10:00
End date: Fri 12/04/2020 15:45
County: Saratoga
Town:
Speed limit: 55
LION#:

Count duration: 78 hours
Functional class: 4
Factor group: 40
Batch ID: DOT-R01C49aTST5195
Count taken by: Org: TST Init: HJD
Processed by: Org: DOT Init: CPA

Speeds, mph

Hour	0.0-30.0	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	75.1-80.0	80.1-85.0	85.1-115.0	% Exc 55.0	% Exc 60.0	% Exc 65.0	% Exc 70.0	% Exc 75.0	Avg	50th%	85th%	Total
1:00	1	0	0	1	4	6	4	1	0	0	0	0	0	29.4	5.9	0.0	0.0	0.0	47.5	52.1	58.1	17
2:00	0	0	0	1	1	4	2	0	0	0	0	0	0	25.0	0.0	0.0	0.0	0.0	51.4	52.6	57.0	8
3:00	0	0	0	0	3	1	2	0	0	0	0	0	0	33.3	0.0	0.0	0.0	0.0	51.3	50.0	57.8	6
4:00	0	0	0	1	3	2	1	0	0	0	0	0	0	14.3	0.0	0.0	0.0	0.0	49.2	49.2	54.9	7
5:00	1	0	0	1	5	6	6	5	2	0	0	0	0	50.0	26.9	7.7	0.0	0.0	51.3	55.0	63.2	26
6:00	3	1	1	2	14	38	37	11	3	0	0	0	0	46.4	12.7	2.7	0.0	0.0	51.5	54.5	59.7	110
7:00	9	2	4	8	41	84	50	7	1	0	0	0	0	28.2	3.9	0.5	0.0	0.0	48.3	52.4	57.8	206
8:00	13	8	6	17	46	99	50	9	1	0	0	0	0	24.1	4.0	0.4	0.0	0.0	46.6	51.8	57.3	249
9:00	12	7	10	24	40	60	29	5	0	0	0	0	0	18.2	2.7	0.0	0.0	0.0	44.4	50.1	56.1	187
10:00	7	1	2	17	40	62	26	4	0	0	0	0	0	18.9	2.5	0.0	0.0	0.0	47.1	51.1	56.2	159
11:00	10	3	5	10	45	66	35	3	0	1	0	0	0	21.9	2.2	0.6	0.6	0.0	46.4	51.3	56.8	178
12:00	10	3	5	15	56	86	35	3	1	0	0	0	0	18.2	1.9	0.5	0.0	0.0	46.9	51.1	56.0	214
13:00	12	4	2	14	58	84	44	4	1	0	0	0	0	22.0	2.2	0.4	0.0	0.0	46.7	51.3	56.8	223
14:00	11	3	4	13	43	86	53	7	1	0	0	0	0	27.6	3.6	0.5	0.0	0.0	47.6	52.2	57.7	221
15:00	9	4	7	19	70	102	37	4	0	0	0	0	0	16.3	1.6	0.0	0.0	0.0	47.3	50.9	55.5	252
16:00	11	5	9	22	93	131	51	7	0	0	0	0	0	17.6	2.1	0.0	0.0	0.0	47.6	51.0	55.9	329
17:00	14	10	17	40	97	111	51	4	0	0	0	0	0	16.0	1.2	0.0	0.0	0.0	45.8	49.7	55.4	344
18:00	15	9	8	36	105	94	33	3	0	0	0	0	0	11.9	1.0	0.0	0.0	0.0	45.2	49.0	54.5	303
19:00	5	1	2	18	41	60	31	4	0	0	0	0	0	21.6	2.5	0.0	0.0	0.0	48.1	51.2	56.8	162
20:00	4	0	2	8	36	47	24	6	0	0	0	0	0	23.6	4.7	0.0	0.0	0.0	48.7	51.5	57.3	127
21:00	4	0	1	4	18	30	19	3	0	0	0	0	0	27.8	3.8	0.0	0.0	0.0	47.9	52.1	57.7	79
22:00	4	1	0	2	11	19	13	2	0	0	0	0	0	28.8	3.8	0.0	0.0	0.0	46.0	52.2	57.8	52
23:00	4	0	0	3	9	15	8	1	1	0	0	0	0	24.4	4.9	2.4	0.0	0.0	44.8	51.6	57.5	41
24:00	1	0	1	3	5	8	7	1	1	0	0	0	0	33.3	7.4	3.7	0.0	0.0	48.4	52.2	58.6	27
Avg. Daily Total	160	62	86	279	884	1301	648	94	12	1	0	0	0	21.4	3.0	0.4	0.0	0.0	47.0	51.2	56.8	3527
Percent	4.5%	1.8%	2.4%	7.9%	25.1%	36.9%	18.4%	2.7%	0.3%	0.0%	0.0%	0.0%	0.0%									
Cum. Percent	4.5%	6.3%	8.7%	16.6%	41.7%	78.6%	97.0%	99.6%	100.0%	100.0%	100.0%	100.0%	100.0%									
Average hour	7	3	4	12	37	54	27	4	0	0	0	0	0									147

TRAFFIC FLOW BY DIRECTION

	Avg. Speed	50th% Speed	85th% Speed
East	46.2	51.2	57.3
West	47.0	51.2	56.8

Peak Hour Data					
Direction	Hour	Count	2-way	Hour	Count
East	17	328	A.M.	8	544
West	17	344	P.M.	17	672



New York State Department of Transportation Classification Count Average Weekday Data Report

ROUTE #: NY 29
COUNTY NAME: Saratoga
REGION CODE: 1
FROM: SARATOGA W CITY LN
TO: CR23 BROOK RD
REF-MARKER:
END MILEPOINT: 1511
FUNC-CLASS: 14
STATION NO: 0058
COUNT TAKEN BY: HPMS NO: 2
PROCESSED BY: LION#: 0058
ORG CODE: TST INITIALS: BEK
ORG CODE: DOT INITIALS: JLB

YEAR: 2015
MONTH: November

STATION: 150058

DIRECTION	East	West	TOTAL
NUMBER OF VEHICLES	6166	5811	11977
NUMBER OF AXLES	12942	12184	25125
% HEAVY VEHICLES (F4-F13)	8.34%	6.73%	7.56%
% TRUCKS AND BUSES (F3-F13)	26.37%	21.73%	24.12%
AXLE CORRECTION FACTOR	0.95	0.95	0.95

BATCH ID: DOT-R01 WW45a Class

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	33	8	0	2	1	0	0	2	0	0	0	46
	2:00	0	8	2	0	1	0	0	2	0	0	0	0	13
	3:00	0	6	2	0	0	0	0	1	0	0	0	0	9
	4:00	0	8	2	0	0	1	0	1	0	0	0	0	12
	5:00	0	25	4	0	2	1	0	2	0	0	0	0	34
	6:00	0	77	26	1	6	1	0	4	0	0	0	0	116
	7:00	1	200	75	5	17	4	0	5	2	0	0	0	313
	8:00	1	468	118	10	14	5	2	6	0	0	0	0	628
	9:00	1	429	101	3	17	11	2	5	1	0	0	0	575
DIRECTION	10:00	1	304	80	5	13	11	1	5	7	2	0	1	430
East	11:00	2	271	63	4	14	11	1	4	7	1	0	0	378
	12:00	1	250	72	4	14	12	2	6	4	0	0	1	366
	13:00	3	267	69	3	8	8	2	4	1	0	0	1	368
	14:00	2	241	63	5	16	10	1	5	9	0	0	0	352
	15:00	5	256	62	7	10	9	2	5	6	1	0	0	364
	16:00	3	313	71	7	12	5	1	5	4	2	0	0	423
	17:00	5	359	91	3	10	3	0	5	0	0	0	1	482
	18:00	3	359	78	1	7	2	0	5	1	0	0	0	458
	19:00	1	248	55	0	8	0	0	1	4	1	0	0	318
	20:00	1	180	30	0	2	0	0	4	0	0	0	0	217
	21:00	0	77	13	0	2	0	0	4	0	0	0	0	96
	22:00	1	50	10	0	2	0	0	1	2	1	0	0	67
	23:00	0	38	11	0	0	1	0	2	0	0	0	0	52
	24:00	0	42	6	0	0	0	0	1	0	0	0	0	49
TOTAL VEHICLES	31	4509	1112	58	177	96	14	55	96	13	0	0	5	6166
TOTAL AXLES	62	9018	2224	145	354	288	56	192	480	78	0	0	44	12942
ENDING HOUR	1:00	0	24	3	0	0	0	0	3	0	0	0	0	30
	2:00	0	11	2	0	0	0	0	2	0	0	0	0	15
	3:00	0	8	1	0	0	0	0	2	0	0	0	0	11
	4:00	0	8	2	1	1	0	0	2	0	0	0	0	14
	5:00	0	29	5	0	1	1	0	2	0	0	0	0	38
	6:00	1	180	42	0	2	2	0	4	0	0	0	0	231
	7:00	3	217	50	1	4	4	1	3	5	1	0	0	289
	8:00	3	239	45	5	5	5	2	3	2	0	0	0	314
	9:00	1	172	48	5	9	6	5	2	6	3	0	0	257
	10:00	1	197	50	5	12	7	3	4	7	1	0	1	288
DIRECTION	11:00	2	220	51	4	7	7	3	3	6	1	0	0	304
West	12:00	4	234	54	2	7	8	3	3	9	1	0	0	325
	13:00	1	271	58	1	8	6	4	3	6	0	0	0	358
	14:00	3	285	62	3	7	9	3	2	8	0	0	0	382
	15:00	2	302	65	7	11	4	4	4	7	0	0	0	406
	16:00	4	347	67	6	10	3	2	2	4	2	0	1	448
	17:00	3	432	68	4	9	1	1	3	0	0	0	1	523
	18:00	4	386	75	0	5	0	0	1	5	0	0	0	476
	19:00	1	285	43	0	2	0	0	4	0	0	0	0	335
	20:00	2	208	27	0	1	0	0	1	3	0	0	0	242
	21:00	1	158	24	0	0	0	0	1	3	0	0	0	187
	22:00	0	154	16	0	2	0	0	0	1	0	0	0	173
	23:00	0	94	11	0	1	0	0	2	0	0	0	0	108
	24:00	0	51	3	0	1	0	0	2	0	0	0	0	57
TOTAL VEHICLES	36	4512	872	44	105	63	34	32	99	11	0	0	3	5811
TOTAL AXLES	72	9024	1744	110	210	189	136	112	495	66	0	0	26	12184
GRAND TOTAL VEHICLES	67	9021	1984	102	282	159	48	87	195	24	0	0	8	11977
GRAND TOTAL AXLES	134	18042	3968	255	564	477	192	304	975	144	0	0	70	25126

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

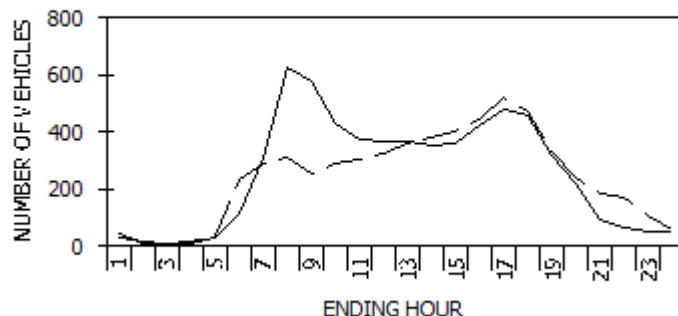
* INCLUDING THOSE HAULING TRAILERS

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	8	628	A.M.	8	942
West	17	523	P.M.	17	1005

SOURCE: NYSDOT DATA SERVICES BUREAU

New York State Department of Transportation
Traffic Count Hourly Report

ROUTE #: NY 29 ROAD NAME: Washington St FROM: SARATOGA W CITY LN TO: CR23 BROOK RD COUNTY: Saratoga
DIRECTION: Eastbound FACTOR GROUP: 30 REC. SERIAL #: JQ15 FUNC. CLASS: 14 CITY:
STATE DIR CODE: 6 WK OF YR: 24 PLACEMENT: 175' W of Brooks Rd (CR 23) NHS: no LION#:
DATE OF COUNT: 06/13/2017 @ REF MARKER: JURIS: City BIN:
NOTES LANE 1: EB Travel Lane ADDL DATA: CC Stn: RR CROSSING:
COUNT TYPE: AXLE PAIRS BATCH ID: DOT-R01S24bTST5195HPMS SAMPLE:

COUNT TAKEN BY: ORG CODE: TST INITIALS: BEK

PROCESSED BY: ORG CODE: DOT INITIALS: AJK

DATE	DAY	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	DAILY TOTAL	DAILY HIGH COUNT	DAILY HIGH HOUR
		TO 1	TO 2	TO 3	TO 4	TO 5	TO 6	TO 7	TO 8	TO 9	TO 10	TO 11	TO 12	TO 1	TO 2	TO 3	TO 4	TO 5	TO 6	TO 7	TO 8	TO 9	TO 10	TO 11	TO 12			
		AM												PM														
1	T																											
2	F																											
3	S																											
4	S																											
5	M																											
6	T																											
7	W																											
8	T																											
9	F																											
10	S																											
11	S																											
12	M																											
13	T																											
14	W	59	12	15	15	53	115	315	590	556	532	408	375	374	468	421	450	530	524	381	232	195	129	82	61	6892	590	7
15	T	68	22	24	12	39	120	343	543	585	518	446	406	402	405	461	520	541	549	397	297	180	154	81	73	7186	585	8
16	F	39	17	19	12	35	118	289	591	556	485	445	416	486	497	453	567	597	639	408	283	192	129	113	140	7526	639	17
17	S	55	32	16	20	31	81	139	251	332	424	462	499	494	506	434	448	450	367	384	272	195	166	124	171	6353	506	13
18	S	65	33	15	12	20	47	87	163	207	322	377	395	406	388	343	385	304	340	355	273	185	115	90	83	5010	406	12
19	M	40	15	14	14	41	120	282	574	582	469	384	401	392	401	383	399	503	419	333	188	116	77	76	65	6288	582	8
20	T	49	17	10	11	38	122	303	594	558	460	414	409	458	409	461	569	565	472	523	334	181	92	87	70	7206	594	7
21	W	67	16	15	16	41	120	328	576	535	526	483	492	505	428	449	510	534	489	390	255	218	106	91	76	7266	576	7
22	T	57	17	8	10	40	114	334	516	540	467	381	445	455	416	427	511	591	526	376	262	198	144	100	62	6997	591	16
23	F	46	22	18	12	40	117	302	498	531	515																	
24	S																											
25	S																											
26	M																											
27	T																											
28	W																											
29	T																											
30	F																											

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

55	18	16	13	41	118	312	560	555	496	423	421	431	414	431	485	537	500	392	255	179	113	84	64	6913
DAYS Counted	HOURS Counted	WEEKDAYS Counted		WEEKDAY Hours		AVERAGE WEEKDAY High Hour		% of day		Axle Adj. Factor	Seasonal/Weekday Adjustment Factor		ESTIMATED										AADT	
11	237	8		171		560		8%		1.000	1.113		6211											

New York State Department of Transportation
Traffic Count Hourly Report

ROUTE #: NY 29 ROAD NAME: Washington St FROM: SARATOGA W CITY LN TO: CR23 BROOK RD COUNTY: Saratoga
DIRECTION: Westbound FACTOR GROUP: 30 REC. SERIAL #: JQ15 FUNC. CLASS: 14 CITY:
STATE DIR CODE: 7 WK OF YR: 24 PLACEMENT: 175' W of Brooks Rd (CR 23) NHS: no LION#:
DATE OF COUNT: 06/13/2017 @ REF MARKER: JURIS: City BIN:
NOTES LANE 1: WB Travel Lane ADDL DATA: CC Stn: RR CROSSING:
COUNT TYPE: AXLE PAIRS BATCH ID: DOT-R01S24bTST5195HPMS SAMPLE:

COUNT TAKEN BY: ORG CODE: TST INITIALS: BEK

PROCESSED BY: ORG CODE: DOT INITIALS: AJK

DATE	DAY	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	DAILY TOTAL	DAILY HIGH COUNT	DAILY HIGH HOUR
		TO 1	TO 2	TO 3	TO 4	TO 5	TO 6	TO 7	TO 8	TO 9	TO 10	TO 11	TO 12	TO 1	TO 2	TO 3	TO 4	TO 5	TO 6	TO 7	TO 8	TO 9	TO 10	TO 11	TO 12			
		AM												PM														
1	T																											
2	F																											
3	S																											
4	S																											
5	M																											
6	T																											
7	W																											
8	T																											
9	F																											
10	S																											
11	S																											
12	M																											
13	T														391	437	526	546	531	368	281	265	206	109	90			
14	W	30	17	16	12	44	185	287	313	266	292	371	381	413	384	438	564	525	537	389	311	264	271	139	73	6522	564	15
15	T	34	25	16	18	30	174	275	359	300	297	354	343	387	402	473	588	535	551	382	344	280	242	152	85	6646	588	15
16	F	37	31	23	12	29	128	226	336	292	306	298	392	420	458	473	603	590	554	425	324	273	277	221	204	6932	603	15
17	S	88	46	28	26	20	80	90	131	175	240	321	459	457	438	471	476	446	467	363	303	305	276	206	187	6099	476	15
18	S	93	50	29	25	36	78	59	89	138	238	329	387	411	429	377	411	337	384	376	306	229	179	135	153	5278	429	13
19	M	45	16	10	16	33	173	255	329	271	308	300	356	367	390	405	495	497	473	353	290	237	179	104	65	5967	497	16
20	T	35	13	14	11	35	187	271	366	267	296	292	323	371	380	466	536	548	517	480	397	296	272	190	160	6723	548	16
21	W	123	38	26	8	29	171	311	337	309	395	334	397	406	423	479	537	578	550	395	360	314	253	131	74	6978	578	16
22	T	31	24	14	13	27	173	316	352	283	298	298	358	369	401	480	546	573	555	413	327	270	247	123	84	6575	573	16
23	F	48	22	14	15	23	116	265	307	253	301																	
24	S																											
25	S																											
26	M																											
27	T																											
28	W																											
29	T																											
30	F																											

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

48	24	18	13	31	162	276	337	280	312	321	364	386	396	454	542	543	531	397	330	275	239	135	90	6504
DAYS Counted	HOURS Counted	WEEKDAYS Counted		WEEKDAY Hours	AVERAGE WEEKDAY								Axle Adj.	Seasonal/Weekday		ESTIMATE								
					High Hour				% of day				Factor	Adjustment Factor										
11	237	8		171	543				8%				1.000	1.113		AAD								

AADT
5844

**New York State Department of Transportation
Speed Count Average Weekday Report**

**Page 1 of 2
Date: 12/08/2015**

Station: 150058
Route #: NY 29 Road name:
From: SARATOGA W CITY LN
To: CR23 BROOK RD
Direction: East

Start date: Mon 11/02/2015 12:00
End date: Thu 11/05/2015 11:45
County: Saratoga
Town:
Speed limit: 55
LION#:

Count duration: 72 hours
Functional class: 14
Factor group: 30
Batch ID: DOT-R01 WW45a Class
Count taken by: Org: TST Init: BEK
Processed by: Org: DOT Init: JLB

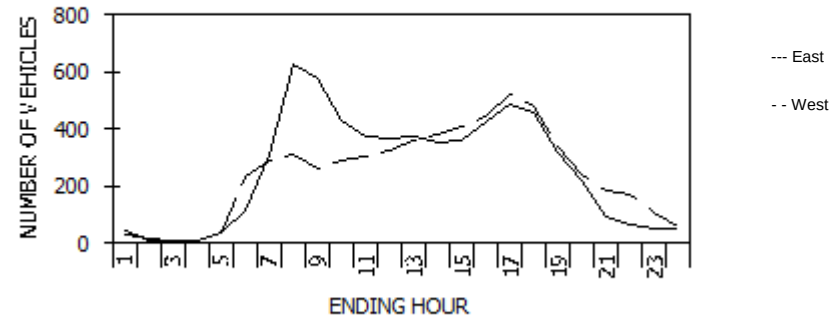
Speeds, mph

Hour	0.0- 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- 80.0	80.1- 85.0	85.1- 115.0	% Exc 55.0	% Exc 60.0	% Exc 65.0	% Exc 70.0	% Exc 75.0	Avg	50th%	85th%	Total
1:00	0	0	0	1	6	10	15	9	1	0	0	0	0	59.5	23.8	2.4	0.0	0.0	55.3	56.4	62.1	42
2:00	0	0	0	0	1	5	3	3	0	0	0	0	0	50.0	25.0	0.0	0.0	0.0	55.4	55.0	62.0	12
3:00	0	0	0	0	2	4	2	1	0	0	0	0	0	33.3	11.1	0.0	0.0	0.0	53.2	53.2	59.2	9
4:00	0	0	0	0	3	2	4	2	1	0	0	0	0	58.3	25.0	8.3	0.0	0.0	55.1	56.3	63.0	12
5:00	0	0	1	2	4	9	13	3	2	0	1	0	0	54.3	17.1	8.6	2.9	2.9	54.2	55.6	61.3	35
6:00	0	0	0	8	30	38	29	8	2	0	0	0	0	33.9	8.7	1.7	0.0	0.0	52.1	52.6	58.8	115
7:00	0	0	6	27	94	118	54	12	1	0	0	0	0	21.5	4.2	0.3	0.0	0.0	50.6	51.3	56.9	312
8:00	0	2	18	78	233	210	75	9	3	0	0	0	0	13.9	1.9	0.5	0.0	0.0	49.2	49.7	54.9	628
9:00	0	7	25	87	192	179	71	13	1	0	0	0	0	14.8	2.4	0.2	0.0	0.0	48.6	49.4	55.0	575
10:00	0	2	16	50	138	149	64	11	2	0	0	0	0	17.8	3.0	0.5	0.0	0.0	49.5	50.4	56.0	432
11:00	1	5	19	42	122	124	53	10	1	0	0	0	0	17.0	2.9	0.3	0.0	0.0	48.8	50.0	55.8	377
12:00	2	4	16	43	118	114	59	10	2	0	0	0	0	19.3	3.3	0.5	0.0	0.0	48.9	50.1	56.4	368
13:00	0	2	12	35	114	135	58	14	2	0	0	0	0	19.9	4.3	0.5	0.0	0.0	50.0	50.9	56.6	372
14:00	0	0	8	45	112	124	54	8	2	0	0	0	0	18.1	2.8	0.6	0.0	0.0	49.8	50.5	56.1	353
15:00	0	2	12	52	116	112	59	10	1	0	0	0	0	19.2	3.0	0.3	0.0	0.0	49.3	50.0	56.4	364
16:00	0	2	17	72	142	123	58	9	1	0	0	0	0	16.0	2.4	0.2	0.0	0.0	48.7	49.3	55.4	424
17:00	0	2	9	62	157	171	66	14	3	0	0	0	0	17.1	3.5	0.6	0.0	0.0	49.7	50.4	55.8	484
18:00	0	0	7	75	175	148	45	8	1	0	0	0	0	11.8	2.0	0.2	0.0	0.0	48.9	49.3	54.5	459
19:00	0	1	4	38	111	111	43	7	2	0	0	0	0	16.4	2.8	0.6	0.0	0.0	49.7	50.3	55.6	317
20:00	0	0	0	9	61	88	45	13	1	0	0	0	0	27.2	6.5	0.5	0.0	0.0	51.9	52.2	58.0	217
21:00	0	0	1	6	28	36	18	7	1	0	0	0	0	26.8	8.2	1.0	0.0	0.0	51.5	51.9	58.2	97
22:00	0	0	0	4	18	22	14	7	2	0	0	0	0	34.3	13.4	3.0	0.0	0.0	52.5	52.7	59.7	67
23:00	0	0	0	3	14	16	11	6	1	1	0	0	0	36.5	15.4	3.8	1.9	0.0	52.7	52.9	60.2	52
24:00	0	0	0	2	6	14	17	8	2	0	0	0	0	55.1	20.4	4.1	0.0	0.0	54.9	55.8	61.7	49
Avg. Daily Total	3	29	171	741	1997	2062	930	202	35	1	1	0	0	18.9	3.9	0.6	0.0	0.0	49.7	50.4	56.4	6172
Percent	0.0%	0.5%	2.8%	12.0%	32.4%	33.4%	15.1%	3.3%	0.6%	0.0%	0.0%	0.0%	0.0%									
Cum. Percent	0.0%	0.5%	3.3%	15.3%	47.7%	81.1%	96.1%	99.4%	100.0%	100.0%	100.0%	100.0%	100.0%									
Average hour	0	1	7	31	83	86	39	8	1	0	0	0	0									257

TRAFFIC FLOW BY DIRECTION

		Avg. Speed	50th% Speed	85th% Speed
East		49.7	50.4	56.4
West		47.1	48.3	54.1

		Peak Hour Data			
Direction	Hour	Count	2-way	Hour	Count
East	8	628	A.M.	8	943
West	17	523	P.M.	17	1007



**New York State Department of Transportation
Speed Count Average Weekday Report**

**Page 2 of 2
Date: 12/08/2015**

Station: 150058
Route #: NY 29 Road name:
From: SARATOGA W CITY LN
To: CR23 BROOK RD
Direction: West

Start date: Mon 11/02/2015 12:00
End date: Thu 11/05/2015 11:45
County: Saratoga
Town:
Speed limit: 55
LION#:

Count duration: 72 hours
Functional class: 14
Factor group: 30
Batch ID: DOT-R01 WW45a Class
Count taken by: Org: TST Init: BEK
Processed by: Org: DOT Init: JLB

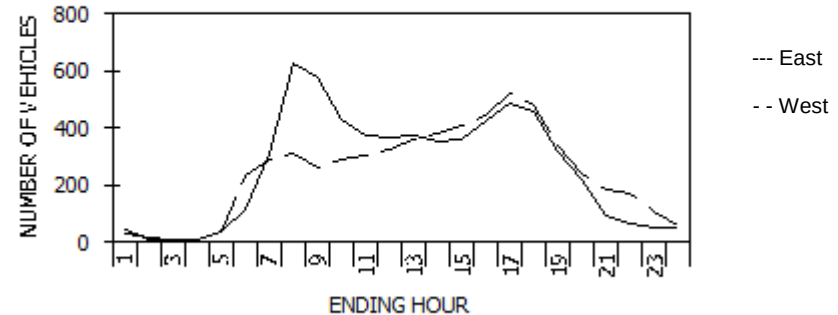
Speeds, mph

Hour	0.0- 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- 80.0	80.1- 85.0	85.1- 115.0	% Exc 55.0	% Exc 60.0	% Exc 65.0	% Exc 70.0	% Exc 75.0	Avg	50th%	85th%	Total
1:00	0	0	2	2	6	9	7	3	1	0	0	0	0	36.7	13.3	3.3	0.0	0.0	51.5	52.8	59.7	30
2:00	0	0	0	4	3	3	4	1	0	0	0	0	0	33.3	6.7	0.0	0.0	0.0	50.0	50.9	58.5	15
3:00	0	0	1	2	4	2	3	1	0	0	0	0	0	30.8	7.7	0.0	0.0	0.0	49.2	49.4	58.5	13
4:00	0	0	1	2	4	3	3	0	0	0	0	0	0	23.1	0.0	0.0	0.0	0.0	48.6	49.4	56.8	13
5:00	0	0	1	7	8	12	9	3	0	0	0	0	0	30.0	7.5	0.0	0.0	0.0	50.4	51.7	58.4	40
6:00	0	1	3	29	64	89	40	6	1	0	0	0	0	20.2	3.0	0.4	0.0	0.0	50.2	51.1	56.6	233
7:00	0	9	12	26	90	100	44	9	1	1	0	0	0	18.8	3.8	0.7	0.3	0.0	49.1	50.5	56.3	292
8:00	3	8	15	46	93	102	43	5	0	0	0	0	0	15.2	1.6	0.0	0.0	0.0	47.7	49.6	55.1	315
9:00	4	6	19	39	90	75	22	3	1	0	0	0	0	10.0	1.5	0.4	0.0	0.0	46.4	48.5	54.2	259
10:00	2	7	27	57	103	67	22	3	1	0	0	0	0	9.0	1.4	0.3	0.0	0.0	46.1	47.6	53.8	289
11:00	4	13	17	52	100	89	24	3	1	1	0	0	0	9.5	1.6	0.7	0.3	0.0	46.3	48.4	54.1	304
12:00	3	6	20	46	117	101	30	2	1	1	0	0	0	10.4	1.2	0.6	0.3	0.0	47.3	48.8	54.3	327
13:00	6	16	20	67	129	96	27	1	1	0	0	0	0	8.0	0.6	0.3	0.0	0.0	45.7	47.9	53.7	363
14:00	1	7	27	61	142	107	33	5	0	0	0	0	0	9.9	1.3	0.0	0.0	0.0	47.3	48.4	54.1	383
15:00	6	6	20	73	153	116	30	2	1	0	0	0	0	8.1	0.7	0.2	0.0	0.0	46.6	48.3	53.8	407
16:00	4	6	30	93	185	103	25	2	0	0	0	0	0	6.0	0.4	0.0	0.0	0.0	46.2	47.5	53.1	448
17:00	4	13	43	143	209	93	17	1	0	0	0	0	0	3.4	0.2	0.0	0.0	0.0	45.1	46.4	51.8	523
18:00	0	3	37	136	200	89	11	2	0	0	0	0	0	2.7	0.4	0.0	0.0	0.0	45.9	46.6	51.8	478
19:00	0	1	9	81	148	75	22	1	0	0	0	0	0	6.8	0.3	0.0	0.0	0.0	47.3	47.7	53.2	337
20:00	0	1	10	44	97	62	22	4	1	0	0	0	0	11.2	2.1	0.4	0.0	0.0	48.0	48.4	54.3	241
21:00	0	1	6	33	68	56	19	3	0	0	0	0	0	11.8	1.6	0.0	0.0	0.0	48.4	48.9	54.5	186
22:00	0	0	3	23	68	58	18	3	1	0	0	0	0	12.6	2.3	0.6	0.0	0.0	49.2	49.5	54.7	174
23:00	0	1	1	16	30	36	20	3	1	0	0	0	0	22.2	3.7	0.9	0.0	0.0	50.0	50.9	57.0	108
24:00	0	0	1	6	13	22	11	4	0	0	0	0	0	26.3	7.0	0.0	0.0	0.0	51.1	52.0	58.0	57
Avg. Daily Total	37	105	325	1088	2124	1565	506	70	12	3	0	0	0	10.1	1.5	0.3	0.1	0.0	47.1	48.3	54.1	5835
Percent	0.6%	1.8%	5.6%	18.6%	36.4%	26.8%	8.7%	1.2%	0.2%	0.1%	0.0%	0.0%	0.0%									
Cum. Percent	0.6%	2.4%	8.0%	26.6%	63.1%	89.9%	98.5%	99.7%	99.9%	100.0%	100.0%	100.0%	100.0%									
Average hour	2	4	14	45	88	65	21	3	0	0	0	0	0									243

TRAFFIC FLOW BY DIRECTION

		Avg. Speed	50th% Speed	85th% Speed
East		49.7	50.4	56.4
West		47.1	48.3	54.1

		Peak Hour Data			
Direction	Hour	Count	2-way	Hour	Count
East	8	628	A.M.	8	943
West	17	523	P.M.	17	1007



STATION: 158143

New York State Department of Transportation

Traffic Count Hourly Report

Page 1 of 2

ROAD #: CR CR47 ROAD NAME: ROWLAND ST FROM: GRAND AVE TO: NY29 COUNTY: Saratoga
 DIRECTION: Northbound FACTOR GROUP: 30 REC. SERIAL #: AP28 FUNC. CLASS: 17 TOWN:
 STATE DIR CODE: 6 WK OF YR: 34 PLACEMENT: 370' N of King James Ct NHS: no LION#:
 DATE OF COUNT: 08/20/2019 @ REF MARKER: JURIS: Village BIN:
 NOTES LANE 1: NB Travel Lane ADDL DATA: Class Speed CC Stn: RR CROSSING:
 COUNT TYPE: AXLE PAIRS BATCH ID: DOT-R01C34cTST5195HPMS SAMPLE:

COUNT TAKEN BY: ORG CODE: TST INITIALS: AML PROCESSED BY: ORG CODE: DOT INITIALS: AJK

DATE	DAY	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	DAILY TOTAL	DAILY HIGH COUNT	DAILY HIGH HOUR
		AM												PM														
1	T																											
2	F																											
3	S																											
4	S																											
5	M																											
6	T																											
7	W																											
8	T																											
9	F																											
10	S																											
11	S																											
12	M																											
13	T																											
14	W																											
15	T																											
16	F																											
17	S																											
18	S																											
19	M																											
20	T																											
21	W	16	17	13	8	14	41	134	265	239	222	229	245	223	257	269	326	377	339	248	150	113	75	45	25			
22	T	15	9	11	12	28	38	152	275	269	250	264	266	285	244	288	345	357	354	281	166	119	76	52	32	3798	313	17
23	F	15	9	12	10	15	52	143	239	255	238	260	277	275	274											4188	357	16
24	S																											
25	S																											
26	M																											
27	T																											
28	W																											
29	T																											
30	F																											
31	S																											

AVERAGE WEEKDAY HOURS (Axle Factored, Mon 6AM to Fri Noon)																							ADT	
15	12	12	10	19	44	143	260	254	237	251	263	254	250	269	312	343	335	258	169	113	73	53	45	3994
<u>DAYS Counted</u>	<u>HOURS Counted</u>	<u>WEEKDAYS Counted</u>	<u>WEEKDAY Hours</u>	<u>AVERAGE WEEKDAY</u>		Axle Adj. Factor	Seasonal/Weekday Adjustment Factor	ESTIMATED																
				High Hour	% of day																			
4	72	4	70	343	9%	1.000	1.097	AADT																
								3641																

ROAD #: CR47 ROAD NAME: ROWLAND ST FROM: GRAND AVE TO: NY29 COUNTY: Saratoga
 STATION: 158143 STATE DIR CODE: 6 PLACEMENT: 370' N of King James Ct DATE OF COUNT: 08/20/2019

ROAD #:	CR CR47	ROAD NAME:	ROWLAND ST
DIRECTION:	Southbound	FACTOR GROUP:	30
STATE DIR CODE:	7	WK OF YR:	34
DATE OF COUNT: 08/20/2019			
NOTES LANE 1: SB Travel Lane			

FROM: **GRAND AVE**
REC. SERIAL #: AP28
PLACEMENT: 370' N of King James Ct
@ REF MARKER:
ADDL DATA: Class Speed
COUNT TYPE: AXLE PAIRS
PROCESSED BY: ORG CODE: DOT INITIALS: AJK

TO: NY29	COUNTY:	Saratoga
FUNC. CLASS: 17	TOWN:	
NHS: no	LION#:	
JURIS: Village	BIN:	
CC Stn:	RR CROSSING:	
BATCH ID: DOT-R01C34cTST5195	HPMS SAMPLE:	

COUNT TAKEN BY: ORG CODE: TST INITIALS: AML

PROCESSED BY: ORG CODE: DOT INITIALS: AJK

		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			
DATE	DAY	AM												PM												DAILY TOTAL	DAILY HIGH COUNT	DAILY HIGH HOUR
1	T																											
2	F																											
3	S																											
4	S																											
5	M																											
6	T																											
7	W																											
8	T																											
9	F																											
10	S																											
11	S																											
12	M																											
13	T																											
14	W																											
15	T																											
16	F																											
17	S																											
18	S																											
19	M																											
20	T															240	232	299	293	244	158	151	101	49	35			
21	W	21	12	8	16	30	83	160	193	195	183	212	208	232	226	257	236	288	296	234	153	103	74	45	27	3492	296	17
22	T	16	10	10	12	20	90	147	202	219	193	242	241	260	225	254	265	318	291	210	167	136	97	53	34	3712	318	16
23	F	16	6	5	13	19	66	154	186	219	221	209	241	241	245													
24	S																											
25	S																											
26	M																											
27	T																											
28	W																											
29	T																											
30	F																											
31	S																											

AVERAGE WEEKDAY HOURS (Axle Factored, Mon 6AM to Fri Noon)																							ADT	
18	9	8	14	23	80	154	194	211	199	221	230	246	226	250	244	302	293	229	159	130	91	49	32	3612
<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>	<u>ESTIMATED</u>														
						High Hour	% of day																	
4	72			4	70	302	8%	1.000	1.097	AADT 3293														

ROAD #: CR47	ROAD NAME: ROWLAND ST
STATION: 158143	STATE DIR CODE: 7

FROM: **GRAND AVE**
PLACEMENT: **370' N of King James Ct**

TO: NY29

COUNTY: **Saratoga**
DATE OF COUNT: **08/20/2019**

**New York State Department of Transportation
Classification Count Average Weekday Data Report**

ROAD #: CR CR47
COUNTY NAME: Saratoga
REGION CODE: 1
FROM: GRAND AVE
TO: NY29
REF-MARKER:
END MILEPOINT: 0120
FUNC-CLASS: 17
STATION NO: 8143
COUNT TAKEN BY: AML
PROCESSED BY: DOT INITIALS: AJK

ROAD NAME: ROWLAND ST

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

YEAR: 2019
MONTH: August

STATION: 158143

DIRECTION	North	South	TOTAL
NUMBER OF VEHICLES	3992	3590	7582
NUMBER OF AXLES	8250	7417	15666
% HEAVY VEHICLES (F4-F13)	7.06%	5.32%	6.24%
% TRUCKS AND BUSES (F3-F13)	24.80%	21.87%	23.41%
AXLE CORRECTION FACTOR	0.97	0.97	0.97

BATCH ID: DOT-R01C34cTST5195

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	13	2	0	0	0	0	0	0	0	0	0	15
	2:00	0	9	1	0	0	0	0	0	1	0	0	0	11
	3:00	0	9	2	0	0	0	0	0	0	0	0	0	11
	4:00	0	6	2	0	1	0	0	1	0	0	0	0	10
	5:00	0	10	4	0	0	2	0	2	0	0	0	0	18
	6:00	0	23	12	0	2	3	0	1	2	0	0	0	43
	7:00	1	92	34	1	5	8	0	1	1	0	0	0	143
	8:00	2	190	49	2	6	5	0	2	2	1	0	0	259
	9:00	0	193	39	2	6	9	0	4	1	0	0	0	254
	10:00	1	175	33	1	9	11	0	2	3	1	0	0	236
DIRECTION North	11:00	1	190	39	1	8	8	0	2	2	0	0	0	251
	12:00	1	194	41	1	5	12	0	4	4	0	0	0	262
	13:00	2	191	42	3	5	10	0	4	3	1	0	0	261
	14:00	1	177	46	2	7	11	0	2	2	2	0	0	250
	15:00	1	199	46	1	9	10	0	1	1	1	0	0	269
	16:00	1	233	58	1	9	6	0	3	1	0	0	0	312
	17:00	2	251	77	0	6	3	0	3	1	0	0	0	343
	18:00	1	274	49	0	8	1	0	1	0	0	0	0	334
	19:00	1	198	51	0	5	1	0	1	1	0	0	0	258
	20:00	0	127	36	0	4	0	0	1	0	0	0	0	168
	21:00	1	88	20	0	3	1	0	0	0	0	0	0	113
	22:00	1	60	12	0	1	0	0	0	0	0	0	0	74
	23:00	1	44	7	0	0	0	0	0	0	0	0	0	52
	24:00	0	38	6	0	1	0	0	0	0	0	0	0	45
TOTAL VEHICLES	18	2984	708	15	100	101	0	32	27	7	0	0	0	3992
TOTAL AXLES	36	5968	1416	38	200	303	0	112	135	42	0	0	0	8250
ENDING HOUR	1:00	0	15	1	0	0	0	0	0	0	0	0	0	16
	2:00	0	8	1	0	0	0	0	0	0	0	0	0	9
	3:00	0	8	0	0	0	0	0	0	0	0	0	0	8
	4:00	0	11	3	0	0	0	0	0	0	0	0	0	14
	5:00	0	14	6	0	1	1	0	1	0	0	0	0	23
	6:00	0	43	34	0	0	1	0	0	0	0	0	0	78
	7:00	2	100	41	0	5	3	1	0	1	0	0	0	153
	8:00	1	139	40	0	3	7	0	1	0	0	0	0	191
	9:00	2	154	35	1	4	6	3	2	2	1	0	0	210
	10:00	0	143	33	1	7	6	4	1	1	1	0	0	197
DIRECTION South	11:00	0	163	32	3	4	7	3	1	3	1	0	0	217
	12:00	0	176	36	0	4	5	5	0	2	1	0	0	229
	13:00	2	181	39	0	5	5	6	1	2	2	0	0	243
	14:00	0	168	37	0	6	6	4	1	0	2	0	0	224
	15:00	2	193	37	1	3	5	4	2	3	2	0	0	252
	16:00	0	203	29	0	2	6	2	0	0	1	0	0	243
	17:00	1	247	47	0	3	2	0	0	0	0	0	0	300
	18:00	1	238	50	0	2	2	0	1	0	0	0	0	294
	19:00	1	185	39	0	2	1	0	0	0	0	0	0	228
	20:00	1	135	21	0	1	0	0	0	1	0	0	0	159
	21:00	1	111	17	0	0	0	0	0	0	0	0	0	129
	22:00	0	81	9	0	1	0	0	0	0	0	0	0	91
	23:00	1	45	4	0	0	0	0	0	0	0	0	0	50
	24:00	0	29	3	0	0	0	0	0	0	0	0	0	32
TOTAL VEHICLES	15	2790	594	6	53	63	32	10	16	11	0	0	0	3590
TOTAL AXLES	30	5580	1188	15	106	189	128	35	80	66	0	0	0	7417
GRAND TOTAL VEHICLES	33	5774	1302	21	153	164	32	42	43	18	0	0	0	7582
GRAND TOTAL AXLES	66	11548	2604	52	306	492	128	147	215	108	0	0	0	15667

VEHICLE CLASSIFICATION CODES:

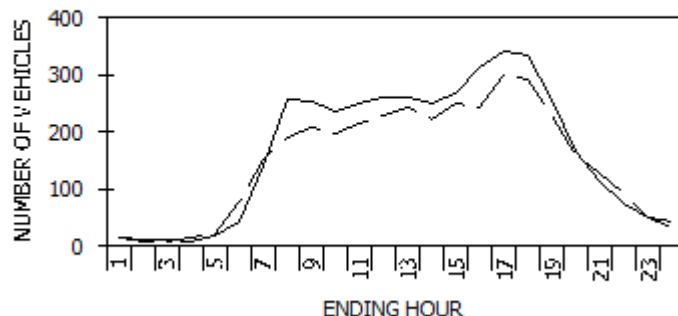
- F1. Motorcycles
- F2. Autos*
- F3. 2 Axle, 4-Tire Pickups, Vans, Motorhomes*
- F4. Buses
- F5. 2 Axle, 6-Tire Single Unit Trucks
- F6. 3 Axle Single Unit Trucks
- F7. 4 or More Axle Single Unit Trucks
- F8. 4 or Less Axle Vehicles, One Unit is a Truck
- F9. 5 Axle Double Unit Vehicles, One Unit is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



--- North

- -South

PEAK HOUR DATA

DIRECTION	HOUR	COUNT	2-WAY	HOUR	COUNT
North	17	343	A.M.	12	491
South	17	300	P.M.	17	643

SOURCE: NYSDOT DATA SERVICES BUREAU

**New York State Department of Transportation
Speed Count Average Weekday Report**

**Page 1 of 2
Date: 11/14/2019**

Station: 158143
Road #: CR CR47 Road name: ROWLAND ST
From: GRAND AVE
To: NY29
Direction: North

Start date: Tue 08/20/2019 14:00
End date: Fri 08/23/2019 14:45
County: Saratoga
Town:
Speed limit: 45
LION#:

Count duration: 73 hours
Functional class: 17
Factor group: 30
Batch ID: DOT-R01C34cTST5195
Count taken by: Org: TST Init: AML
Processed by: Org: DOT Init: AJK

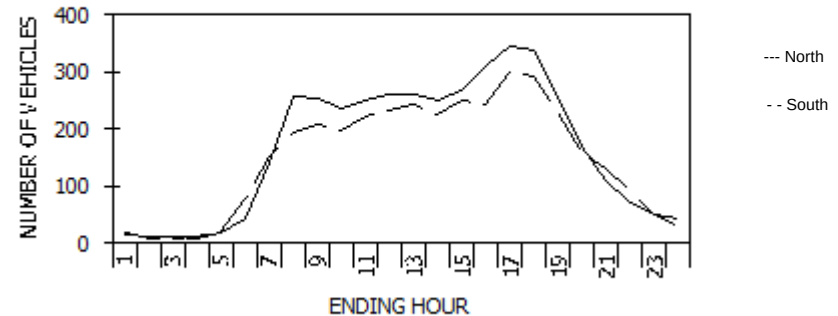
Speeds, mph

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	0	1	3	5	3	2	0	0	0	0	0	35.7	14.3	0.0	0.0	0.0	42.5	43.0	49.9	14
2:00	0	0	0	1	1	5	3	2	0	0	0	0	0	41.7	16.7	0.0	0.0	0.0	43.4	44.0	50.6	12
3:00	0	0	0	0	2	5	3	2	1	0	0	0	0	46.2	23.1	7.7	0.0	0.0	44.9	44.6	52.7	13
4:00	1	0	0	1	1	3	2	1	0	0	0	0	0	33.3	11.1	0.0	0.0	0.0	34.1	42.6	49.2	9
5:00	0	1	1	2	2	7	6	1	0	0	0	0	0	35.0	5.0	0.0	0.0	0.0	39.5	42.9	48.4	20
6:00	0	0	1	2	11	15	9	5	1	0	0	0	0	34.1	13.6	2.3	0.0	0.0	42.1	42.7	49.7	44
7:00	0	0	0	7	25	56	42	9	3	0	0	0	0	38.0	8.5	2.1	0.0	0.0	42.9	43.5	48.9	142
8:00	0	0	1	11	60	112	62	10	1	0	0	0	0	28.4	4.3	0.4	0.0	0.0	42.0	42.6	47.8	257
9:00	0	1	2	13	59	119	50	10	0	0	0	0	0	23.6	3.9	0.0	0.0	0.0	41.4	42.2	47.2	254
10:00	0	0	1	11	51	103	60	8	1	0	0	0	0	29.4	3.8	0.4	0.0	0.0	42.0	42.7	47.9	235
11:00	0	1	2	14	52	113	59	9	1	0	0	0	0	27.5	4.0	0.4	0.0	0.0	41.7	42.6	47.7	251
12:00	0	0	1	12	65	121	57	6	0	0	0	0	0	24.0	2.3	0.0	0.0	0.0	41.6	42.2	47.1	262
13:00	0	1	1	13	56	118	63	8	1	0	0	0	0	27.6	3.4	0.4	0.0	0.0	41.8	42.6	47.7	261
14:00	0	0	0	16	56	112	60	6	0	0	0	0	0	26.4	2.4	0.0	0.0	0.0	41.7	42.4	47.4	250
15:00	0	0	1	6	64	120	64	12	2	0	0	0	0	29.0	5.2	0.7	0.0	0.0	42.3	42.7	48.0	269
16:00	0	0	2	15	66	143	71	13	1	0	0	0	0	27.3	4.5	0.3	0.0	0.0	41.9	42.6	47.8	311
17:00	0	0	3	12	75	153	88	11	1	1	0	0	0	29.4	3.8	0.6	0.3	0.0	42.1	42.7	47.9	344
18:00	0	0	2	7	51	159	103	14	1	0	0	0	0	35.0	4.5	0.3	0.0	0.0	43.0	43.5	48.3	337
19:00	0	0	1	4	33	118	86	16	1	0	0	0	0	39.8	6.6	0.4	0.0	0.0	43.5	43.9	48.8	259
20:00	0	0	0	3	33	78	47	7	1	0	0	0	0	32.5	4.7	0.6	0.0	0.0	42.8	43.2	48.2	169
21:00	0	0	0	5	22	54	25	4	1	0	0	0	0	27.0	4.5	0.9	0.0	0.0	42.2	42.7	47.7	111
22:00	0	0	0	4	16	29	18	5	1	0	0	0	0	32.9	8.2	1.4	0.0	0.0	42.4	42.9	48.7	73
23:00	0	0	0	1	12	19	16	4	0	0	0	0	0	38.5	7.7	0.0	0.0	0.0	42.9	43.5	48.9	52
24:00	0	0	0	1	7	19	13	4	0	0	0	0	0	38.6	9.1	0.0	0.0	0.0	43.4	43.7	49.0	44
Avg. Daily Total	1	4	19	162	823	1786	1010	169	18	1	0	0	0	30.0	4.7	0.5	0.0	0.0	42.2	42.8	48.0	3993
Percent	0.0%	0.1%	0.5%	4.1%	20.6%	44.7%	25.3%	4.2%	0.5%	0.0%	0.0%	0.0%	0.0%									
Cum. Percent	0.0%	0.1%	0.6%	4.7%	25.3%	70.0%	95.3%	99.5%	100.0%	100.0%	100.0%	100.0%	100.0%									
Average hour	0	0	1	7	34	74	42	7	1	0	0	0	0									166

TRAFFIC FLOW BY DIRECTION

	Avg. Speed	50th% Speed	85th% Speed
North	42.2	42.8	48.0
South	41.0	42.3	47.6

Peak Hour Data					
Direction	Hour	Count	2-way	Hour	Count
North	17	344	A.M.	12	494
South	17	301	P.M.	17	645



**New York State Department of Transportation
Speed Count Average Weekday Report**

**Page 2 of 2
Date: 11/14/2019**

Station: 158143
Road #: CR CR47 Road name: ROWLAND ST
From: GRAND AVE
To: NY29
Direction: South

Start date: Tue 08/20/2019 14:00
End date: Fri 08/23/2019 14:45
County: Saratoga
Town:
Speed limit: 45
LION#:

Count duration: 73 hours
Functional class: 17
Factor group: 30
Batch ID: DOT-R01C34cTST5195
Count taken by: Org: TST Init: AML
Processed by: Org: DOT Init: AJK

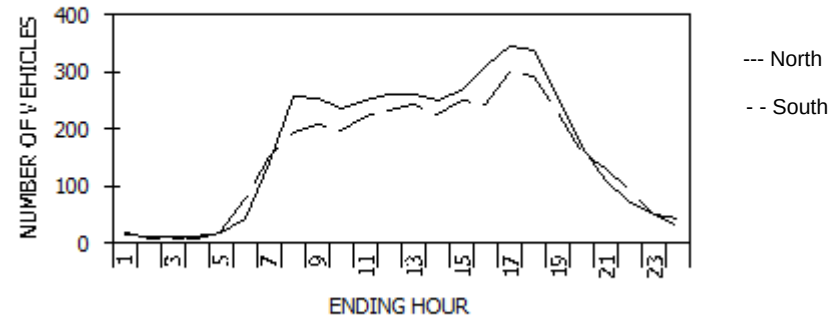
Speeds, mph

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	0	2	5	6	3	1	1	0	0	0	0	27.8	11.1	5.6	0.0	0.0	41.3	41.7	48.9	18
2:00	0	0	0	0	5	2	2	0	0	0	0	0	0	22.2	0.0	0.0	0.0	0.0	40.4	39.6	46.7	9
3:00	0	0	0	1	4	2	1	1	0	0	0	0	0	22.2	11.1	0.0	0.0	0.0	40.1	39.4	48.3	9
4:00	0	0	0	0	3	6	3	0	0	0	0	1	0	30.8	7.7	7.7	7.7	7.7	43.6	43.0	48.5	13
5:00	0	0	1	1	1	7	10	3	1	0	0	0	0	58.3	16.7	4.2	0.0	0.0	44.2	46.0	50.7	24
6:00	0	0	0	4	11	34	22	8	1	0	0	0	0	38.8	11.3	1.3	0.0	0.0	43.3	43.7	49.4	80
7:00	0	0	5	6	25	67	39	10	1	1	0	0	0	33.1	7.8	1.3	0.6	0.0	42.1	43.1	48.6	154
8:00	0	1	7	13	34	73	56	7	2	0	0	0	0	33.7	4.7	1.0	0.0	0.0	41.3	42.9	48.3	193
9:00	0	4	10	17	38	84	46	10	1	0	0	0	0	27.1	5.2	0.5	0.0	0.0	40.1	42.2	47.8	210
10:00	0	1	11	17	35	86	41	6	1	0	0	0	0	24.2	3.5	0.5	0.0	0.0	40.3	42.1	47.3	198
11:00	0	4	13	20	52	86	41	5	0	0	0	0	0	20.8	2.3	0.0	0.0	0.0	39.2	41.3	46.6	221
12:00	0	3	10	17	51	94	49	7	1	0	0	0	0	24.6	3.4	0.4	0.0	0.0	40.2	41.9	47.3	232
13:00	0	4	12	16	47	105	51	8	0	0	0	0	0	24.3	3.3	0.0	0.0	0.0	40.1	42.1	47.3	243
14:00	0	2	16	20	46	89	42	8	2	0	0	0	0	23.1	4.4	0.9	0.0	0.0	39.6	41.7	47.2	225
15:00	0	2	10	16	55	104	53	9	2	0	0	0	0	25.5	4.4	0.8	0.0	0.0	40.6	42.1	47.5	251
16:00	0	1	7	21	55	109	47	5	0	0	0	0	0	21.2	2.0	0.0	0.0	0.0	40.4	41.8	46.7	245
17:00	0	0	2	9	63	156	59	10	2	0	0	0	0	23.6	4.0	0.7	0.0	0.0	42.0	42.5	47.2	301
18:00	0	1	3	10	60	130	70	18	2	0	0	0	0	30.6	6.8	0.7	0.0	0.0	42.2	42.9	48.3	294
19:00	0	1	1	6	42	107	60	11	1	0	0	0	0	31.4	5.2	0.4	0.0	0.0	42.5	43.1	48.2	229
20:00	0	0	1	4	41	70	36	6	1	0	0	0	0	27.0	4.4	0.6	0.0	0.0	42.0	42.4	47.7	159
21:00	0	0	0	11	40	57	20	2	0	0	0	0	0	16.9	1.5	0.0	0.0	0.0	40.6	41.3	45.7	130
22:00	0	0	0	6	27	40	15	2	1	0	0	0	0	19.8	3.3	1.1	0.0	0.0	41.0	41.6	46.5	91
23:00	0	0	0	2	15	23	7	2	0	0	0	0	0	18.4	4.1	0.0	0.0	0.0	41.2	41.7	46.2	49
24:00	0	0	0	2	7	12	8	2	0	0	0	0	0	32.3	6.5	0.0	0.0	0.0	42.1	42.8	48.4	31
Avg. Daily Total	0	24	109	221	762	1549	781	141	20	1	0	1	0	26.2	4.5	0.6	0.1	0.0	41.0	42.3	47.6	3609
Percent	0.0%	0.7%	3.0%	6.1%	21.1%	42.9%	21.6%	3.9%	0.6%	0.0%	0.0%	0.0%	0.0%									
Cum. Percent	0.0%	0.7%	3.7%	9.8%	30.9%	73.8%	95.5%	99.4%	99.9%	100.0%	100.0%	100.0%	100.0%									
Average hour	0	1	5	9	32	65	33	6	1	0	0	0	0									150

TRAFFIC FLOW BY DIRECTION

	Avg. Speed	50th% Speed	85th% Speed
North	42.2	42.8	48.0
South	41.0	42.3	47.6

Peak Hour Data					
Direction	Hour	Count	2-way	Hour	Count
North	17	344	A.M.	12	494
South	17	301	P.M.	17	645



NYS DOT Region One

50 Wolf Road
Albany, NY 12232

Turning Movement Count

Location: Saratoga Springs, NY
Intersection: Rte 29 @ Rowland St
Counter: David Collins

File Name : Turn Count for Rte 29 @ Rowland St and Pertrified Gardens Rd
Site Code : 29/Row
Start Date : 2/22/2022
Page No : 1

Groups Printed- Vehicles

Start Time	Pertrified Gardens Rd From North					Rte 29 From East					Rowland Street From South					Rte 29 From West					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
07:00 AM	1	12	0	0	13	0	43	11	0	54	35	10	9	0	54	4	35	0	0	39	160
07:15 AM	2	10	0	0	12	1	43	20	0	64	33	5	1	0	39	7	64	1	0	72	187
07:30 AM	0	18	0	0	18	0	38	19	0	57	33	6	4	0	43	9	82	1	0	92	210
07:45 AM	0	29	0	0	29	0	22	20	0	42	53	6	3	0	62	11	79	0	0	90	223
Total	3	69	0	0	72	1	146	70	0	217	154	27	17	0	198	31	260	2	0	293	780
08:00 AM	1	7	0	0	8	0	36	22	0	58	35	6	3	0	44	3	63	0	0	66	176
08:15 AM	2	16	0	0	18	0	27	25	0	52	38	7	6	0	51	6	47	0	0	53	174
08:30 AM	0	12	1	0	13	0	27	15	0	42	42	10	4	0	56	8	62	1	0	71	182
08:45 AM	0	13	1	0	14	0	38	29	0	67	34	6	5	0	45	12	58	1	0	71	197
Total	3	48	2	0	53	0	128	91	0	219	149	29	18	0	196	29	230	2	0	261	729
*** BREAK ***																					
04:00 PM	2	13	0	0	15	1	83	44	0	128	37	25	21	0	83	7	58	1	0	66	292
04:15 PM	1	9	0	0	10	1	84	46	0	131	34	28	20	0	82	8	64	0	0	72	295
04:30 PM	1	14	2	0	17	0	69	38	0	107	34	31	18	0	83	5	61	0	0	66	273
04:45 PM	1	12	0	0	13	0	63	51	0	114	26	18	21	0	65	12	70	0	0	82	274
Total	5	48	2	0	55	2	299	179	0	480	131	102	80	0	313	32	253	1	0	286	1134
05:00 PM	0	11	0	0	11	1	64	54	0	119	30	18	16	0	64	5	48	2	0	55	249
05:15 PM	0	10	0	0	10	0	83	52	0	135	34	27	12	0	73	7	47	0	0	54	272
05:30 PM	1	14	1	0	16	1	42	44	0	87	27	23	12	0	62	5	55	0	0	60	225
05:45 PM	0	9	0	0	9	2	43	33	0	78	21	14	6	0	41	4	47	1	0	52	180
Total	1	44	1	0	46	4	232	183	0	419	112	82	46	0	240	21	197	3	0	221	926
Grand Total	12	209	5	0	226	7	805	523	0	1335	546	240	161	0	947	113	940	8	0	1061	3569
Apprch %	5.3	92.5	2.2	0		0.5	60.3	39.2	0		57.7	25.3	17	0		10.7	88.6	0.8	0		
Total %	0.3	5.9	0.1	0	6.3	0.2	22.6	14.7	0	37.4	15.3	6.7	4.5	0	26.5	3.2	26.3	0.2	0	29.7	

NYS DOT Region One

50 Wolf Road
Albany, NY 12232

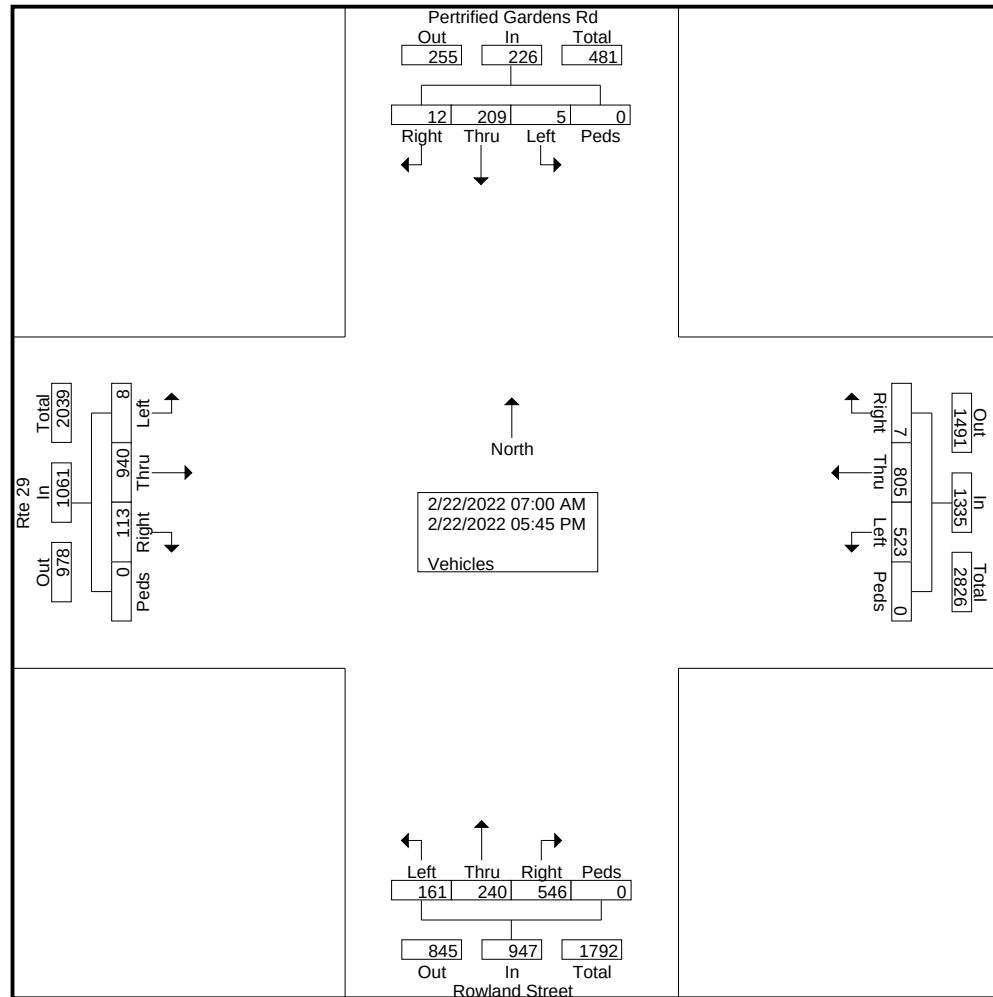
Turning Movement Count

File Name : Turn Count for Rte 29 @ Rowland St and Petrified Gardens Rd

Site Code : 29/Row

Start Date : 2/22/2022

Page No : 2



NYSDOT Region One

50 Wolf Road
Albany, NY 12232

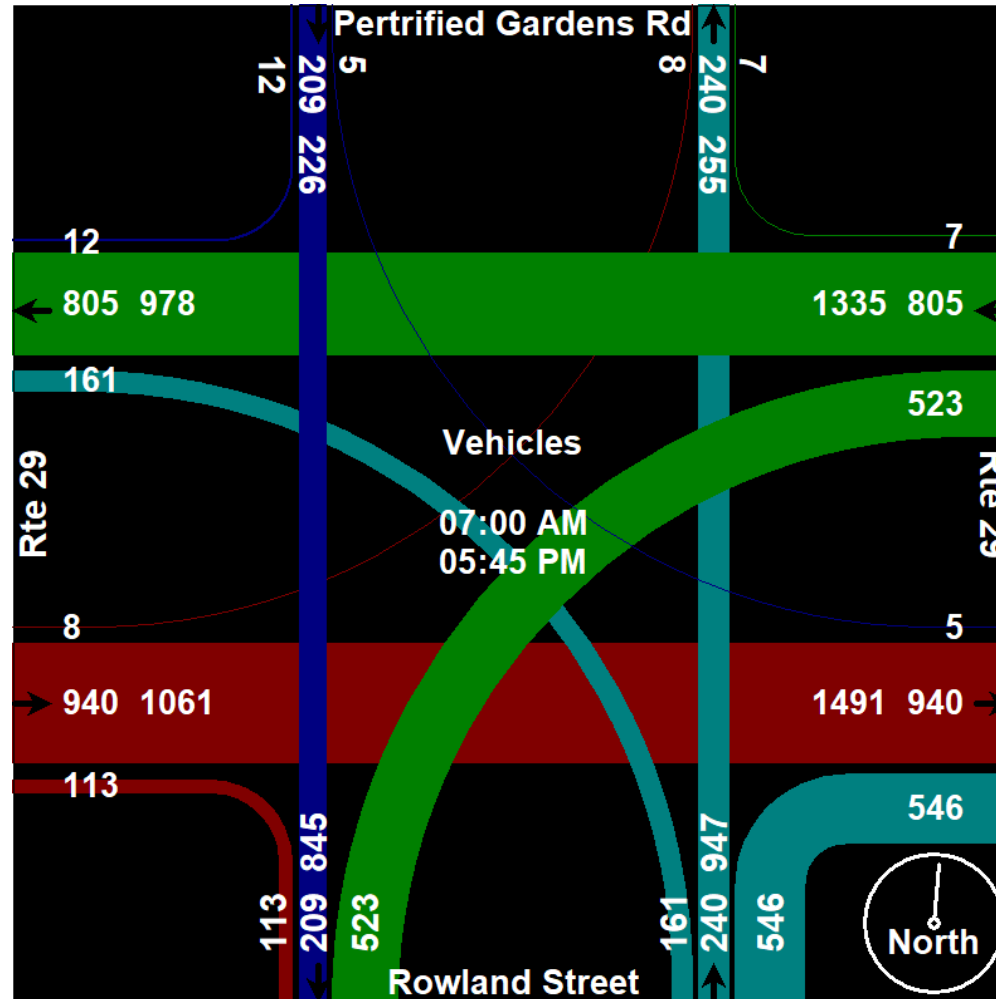
Turning Movement Count

File Name : Turn Count for Rte 29 @ Rowland St and Pertrified Gardens Rd

Site Code : 29/Row

Start Date : 2/22/2022

Page No : 3



NYS DOT Region One

50 Wolf Road
Albany, NY 12232

Turning Movement Count

File Name : Turn Count for Rte 29 @ Rowland St and Pertrified Gardens Rd

Site Code : 29/Row

Start Date : 2/22/2022

Page No : 4

	Pertrified Gardens Rd From North					Rte 29 From East					Rowland Street From South					Rte 29 From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	2	10	0	0	12	1	43	20	0	64	33	5	1	0	39	7	64	1	0	72	187
07:30 AM	0	18	0	0	18	0	38	19	0	57	33	6	4	0	43	9	82	1	0	92	210
07:45 AM	0	29	0	0	29	0	22	20	0	42	53	6	3	0	62	11	79	0	0	90	223
08:00 AM	1	7	0	0	8	0	36	22	0	58	35	6	3	0	44	3	63	0	0	66	176
Total Volume	3	64	0	0	67	1	139	81	0	221	154	23	11	0	188	30	288	2	0	320	796
% App. Total	4.5	95.5	0	0		0.5	62.9	36.7	0		81.9	12.2	5.9	0		9.4	90	0.6	0		
PHF	.375	.552	.000	.000	.578	.250	.808	.920	.000	.863	.726	.958	.688	.000	.758	.682	.878	.500	.000	.870	.892

NYS DOT Region One

50 Wolf Road
Albany, NY 12232

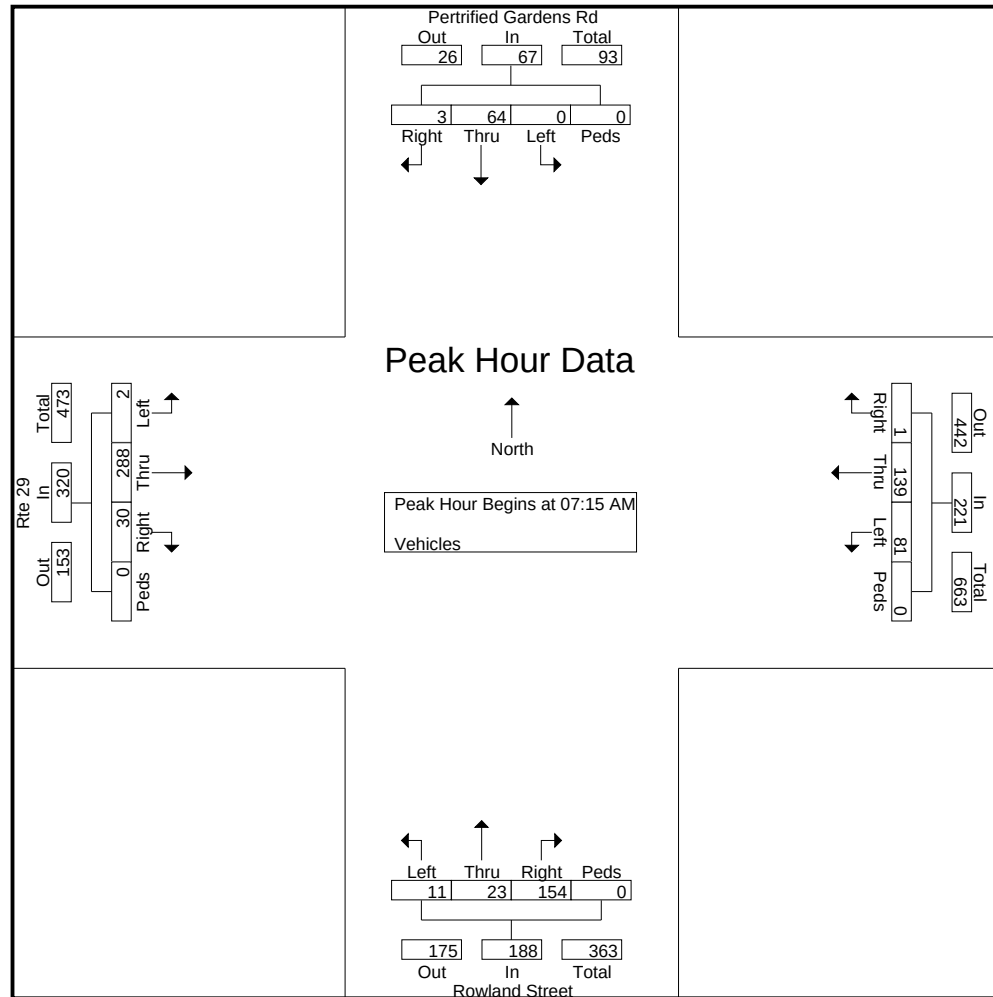
Turning Movement Count

File Name : Turn Count for Rte 29 @ Rowland St and Petrified Gardens Rd

Site Code : 29/Row

Start Date : 2/22/2022

Page No : 5



NYSDOT Region One

50 Wolf Road
Albany, NY 12232

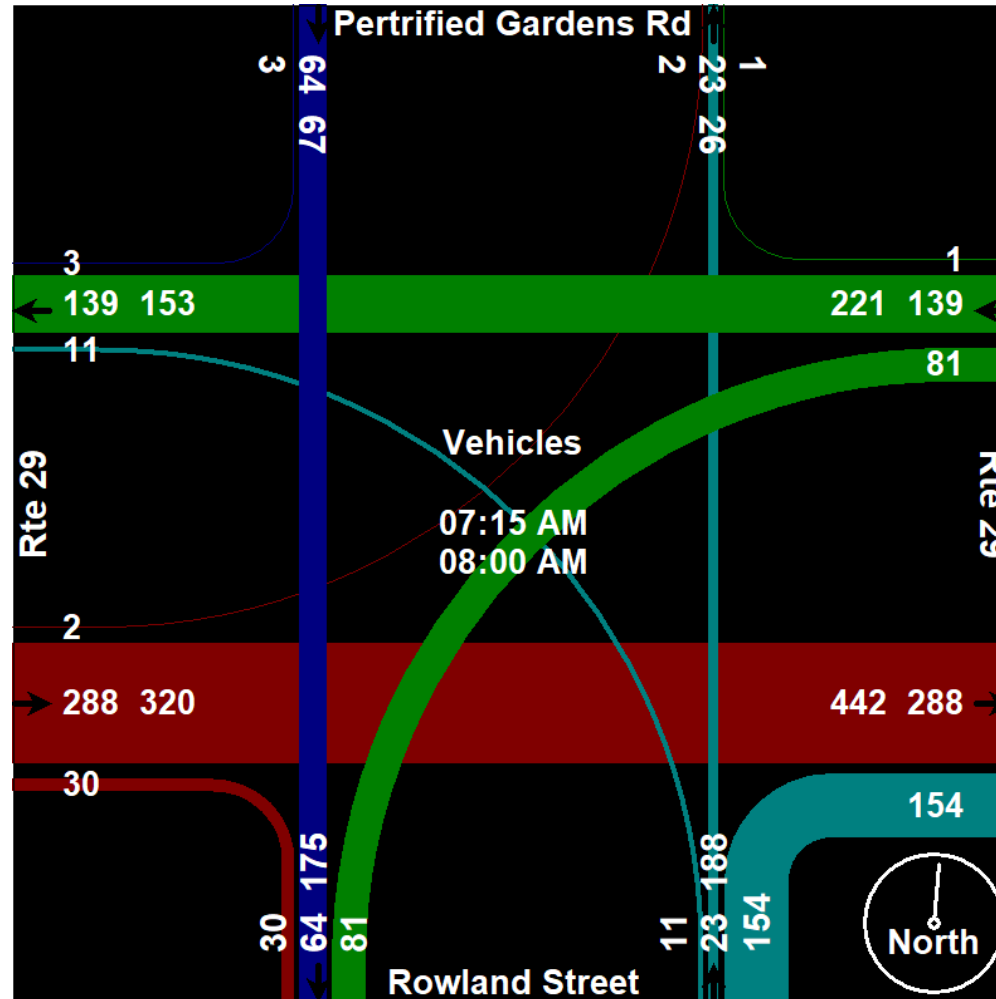
Turning Movement Count

File Name : Turn Count for Rte 29 @ Rowland St and Pertrified Gardens Rd

Site Code : 29/Row

Start Date : 2/22/2022

Page No : 6



NYS DOT Region One

50 Wolf Road
Albany, NY 12232

Turning Movement Count

File Name : Turn Count for Rte 29 @ Rowland St and Pertrified Gardens Rd

Site Code : 29/Row

Start Date : 2/22/2022

Page No : 7

	Pertrified Gardens Rd From North					Rte 29 From East					Rowland Street From South					Rte 29 From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:00 PM																					
04:00 PM	2	13	0	0	15	1	83	44	0	128	37	25	21	0	83	7	58	1	0	66	292
04:15 PM	1	9	0	0	10	1	84	46	0	131	34	28	20	0	82	8	64	0	0	72	295
04:30 PM	1	14	2	0	17	0	69	38	0	107	34	31	18	0	83	5	61	0	0	66	273
04:45 PM	1	12	0	0	13	0	63	51	0	114	26	18	21	0	65	12	70	0	0	82	274
Total Volume	5	48	2	0	55	2	299	179	0	480	131	102	80	0	313	32	253	1	0	286	1134
% App. Total	9.1	87.3	3.6	0		0.4	62.3	37.3	0		41.9	32.6	25.6	0		11.2	88.5	0.3	0		
PHF	.625	.857	.250	.000	.809	.500	.890	.877	.000	.916	.885	.823	.952	.000	.943	.667	.904	.250	.000	.872	.961

NYS DOT Region One

50 Wolf Road
Albany, NY 12232

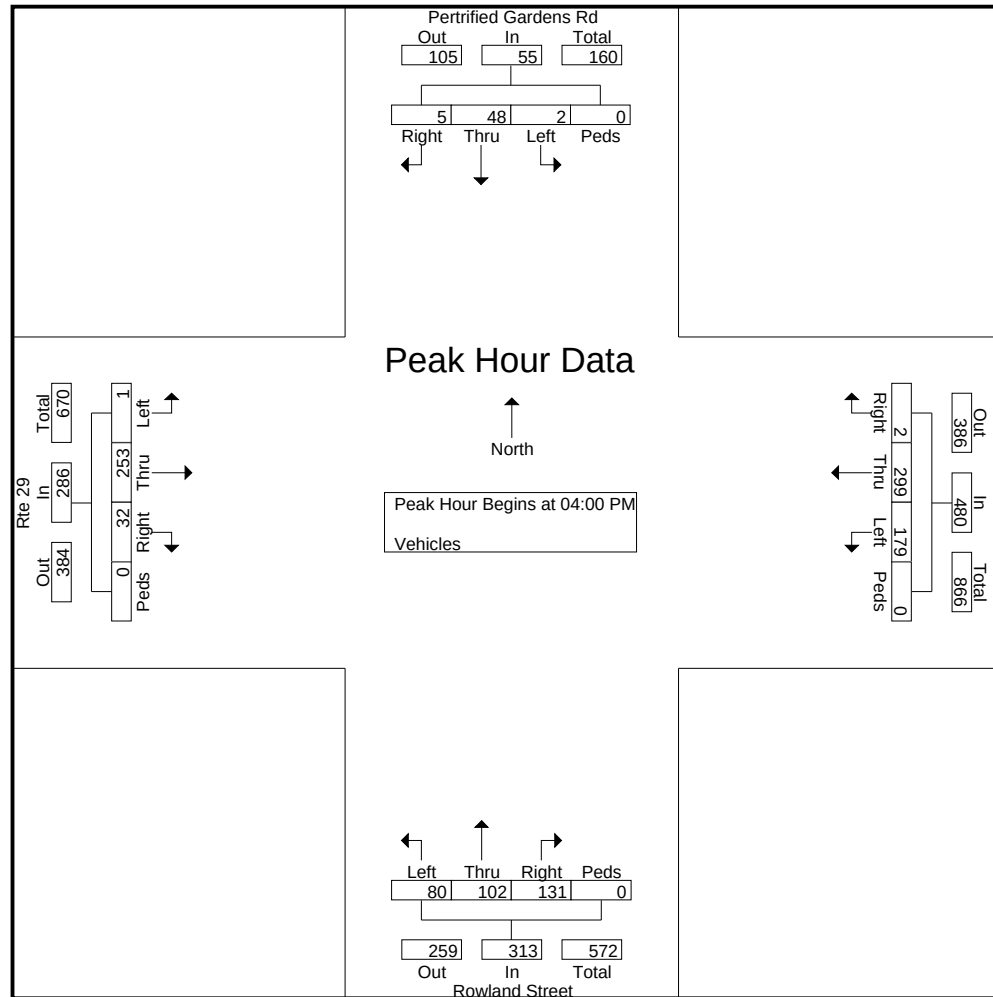
Turning Movement Count

File Name : Turn Count for Rte 29 @ Rowland St and Petrified Gardens Rd

Site Code : 29/Row

Start Date : 2/22/2022

Page No : 8



NYSDOT Region One

50 Wolf Road
Albany, NY 12232

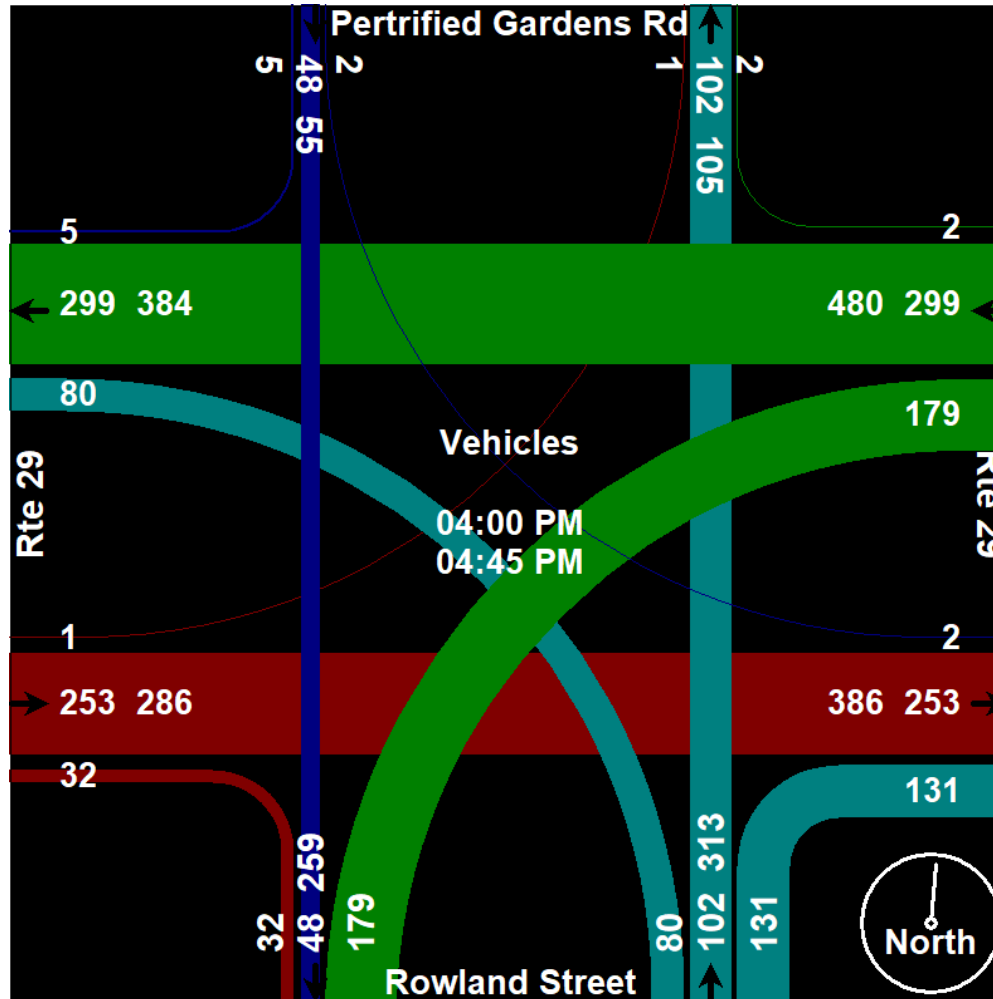
Turning Movement Count

File Name : Turn Count for Rte 29 @ Rowland St and Pertrified Gardens Rd

Site Code : 29/Row

Start Date : 2/22/2022

Page No : 9



NYS DOT Region One

50 Wolf Road
Albany, NY 12232

Turning Movement Count

Location: Milton, NY
Intersection: Rte 29 @ Rowland St
Counter: David Collins

File Name : 2nd Turn Count for Rte 29 @ Rowland St and Pertrified Gardens Rd
Site Code : 29/Row
Start Date : 11/2/2022
Page No : 1

Groups Printed- Vehicles

	Pertrified Gardens Rd From North					Rte 29 From East					Rowland Street From South					Rte 29 From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
07:00 AM	2	11	1	0	14	0	46	13	0	59	34	11	6	0	51	10	46	1	0	57	181
07:15 AM	2	25	4	0	31	8	65	19	0	92	53	10	5	0	68	7	72	0	0	79	270
07:30 AM	2	32	2	0	36	0	49	29	0	78	66	5	6	0	77	15	110	1	0	126	317
07:45 AM	1	25	1	0	27	2	39	23	0	64	68	16	4	0	88	16	95	3	0	114	293
Total	7	93	8	0	108	10	199	84	0	293	221	42	21	0	284	48	323	5	0	376	1061
08:00 AM	0	17	1	0	18	0	35	24	0	59	34	11	6	0	51	9	73	3	0	85	213
08:15 AM	1	24	1	0	26	2	34	20	0	56	54	19	10	0	83	12	80	0	0	92	257
08:30 AM	5	16	1	0	22	3	37	29	0	69	35	10	8	0	53	10	92	1	0	103	247
08:45 AM	1	16	5	0	22	2	26	33	0	61	44	8	9	0	61	12	90	1	0	103	247
Total	7	73	8	0	88	7	132	106	0	245	167	48	33	0	248	43	335	5	0	383	964
*** BREAK ***																					
04:00 PM	0	21	1	0	22	1	72	50	0	123	36	17	16	0	69	12	65	3	0	80	294
04:15 PM	0	19	2	0	21	1	72	50	0	123	40	25	28	0	93	9	72	1	0	82	319
04:30 PM	2	19	0	0	21	1	77	62	0	140	33	31	22	0	86	10	76	1	0	87	334
04:45 PM	2	17	1	0	20	0	73	52	0	125	34	30	21	0	85	7	64	0	0	71	301
Total	4	76	4	0	84	3	294	214	0	511	143	103	87	0	333	38	277	5	0	320	1248
05:00 PM	0	13	0	0	13	0	92	48	0	140	35	30	15	0	80	9	61	2	0	72	305
05:15 PM	3	25	0	0	28	0	76	56	0	132	49	25	23	0	97	4	94	1	0	99	356
05:30 PM	1	13	0	0	14	0	68	57	0	125	42	20	20	0	82	8	61	0	0	69	290
05:45 PM	2	4	2	0	8	1	62	35	0	98	31	20	18	0	69	16	45	1	0	62	237
Total	6	55	2	0	63	1	298	196	0	495	157	95	76	0	328	37	261	4	0	302	1188
Grand Total	24	297	22	0	343	21	923	600	0	1544	688	288	217	0	1193	166	1196	19	0	1381	4461
Apprch %	7	86.6	6.4	0		1.4	59.8	38.9	0		57.7	24.1	18.2	0		12	86.6	1.4	0		
Total %	0.5	6.7	0.5	0	7.7	0.5	20.7	13.4	0	34.6	15.4	6.5	4.9	0	26.7	3.7	26.8	0.4	0	31	

NYSDOT Region One

50 Wolf Road
Albany, NY 12232

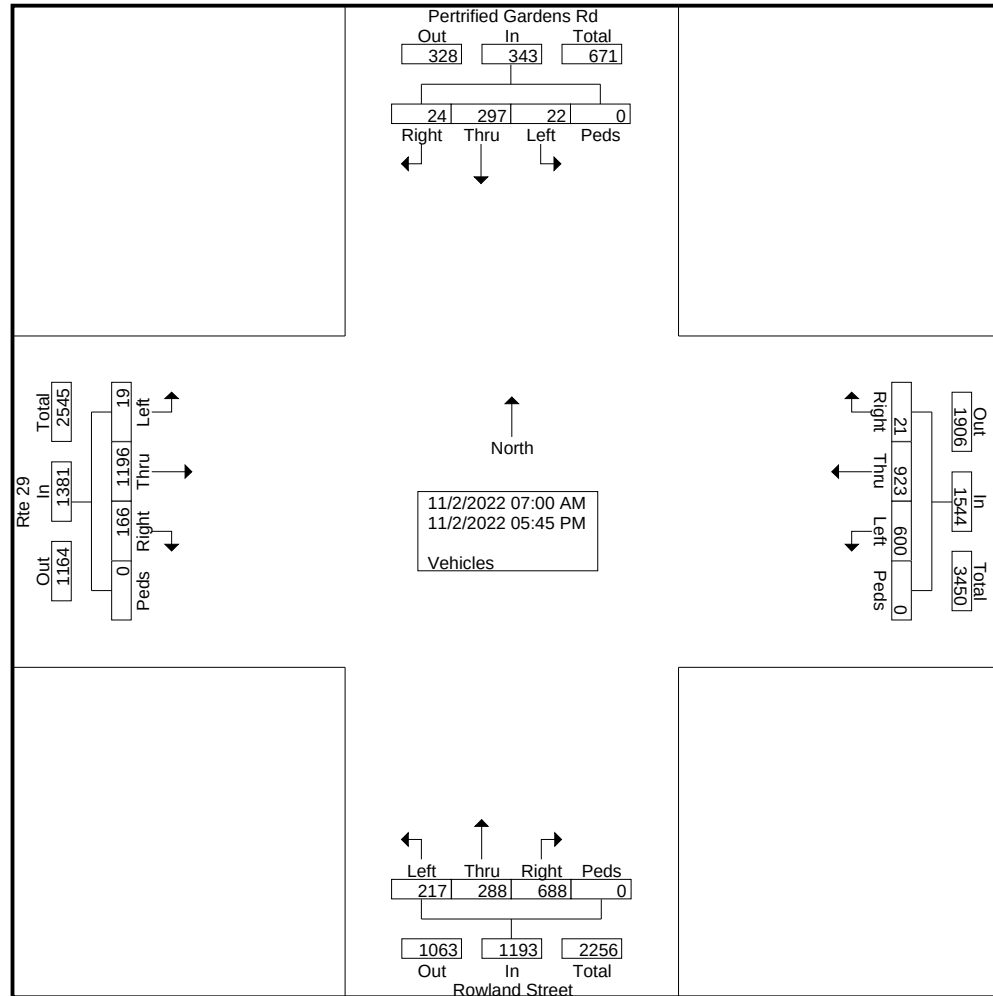
Turning Movement Count

File Name : 2nd Turn Count for Rte 29 @ Rowland St and Petrified Gardens Rd

Site Code : 29/Row

Start Date : 11/2/2022

Page No : 2



NYSDOT Region One

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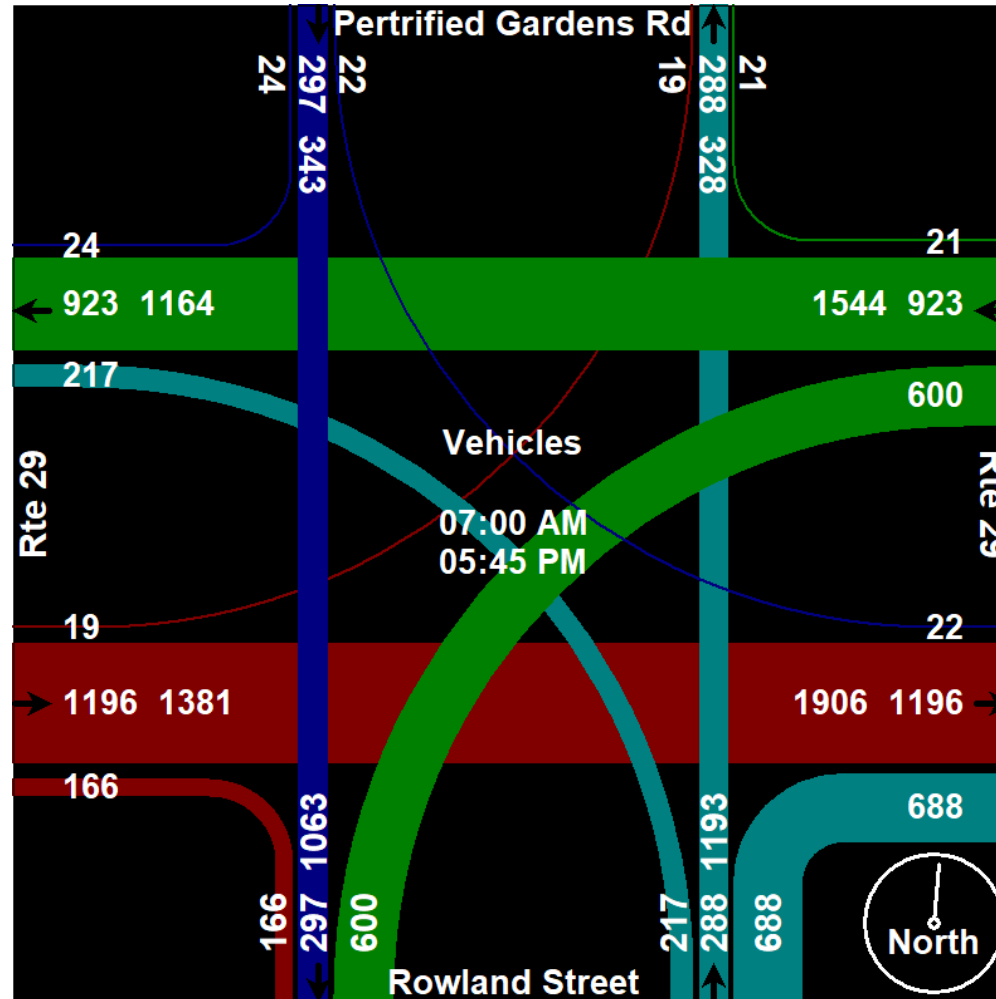
Turning Movement Count

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Site Code : 29/Row

Start Date : 11/2/2022

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Turning Movement Count

File Name : 2nd Turn Count for Rte 29 @ Rowland St and Pertrified Gardens Rd

Site Code : 29/Row

Start Date : 11/2/2022

Page No : 4

	Pertrified Gardens Rd From North					Rte 29 From East					Rowland Street From South					Rte 29 From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	2	25	4	0	31	8	65	19	0	92	53	10	5	0	68	7	72	0	0	79	270
07:30 AM	2	32	2	0	36	0	49	29	0	78	66	5	6	0	77	15	110	1	0	126	317
07:45 AM	1	25	1	0	27	2	39	23	0	64	68	16	4	0	88	16	95	3	0	114	293
08:00 AM	0	17	1	0	18	0	35	24	0	59	34	11	6	0	51	9	73	3	0	85	213
Total Volume	5	99	8	0	112	10	188	95	0	293	221	42	21	0	284	47	350	7	0	404	1093
% App. Total	4.5	88.4	7.1	0		3.4	64.2	32.4	0		77.8	14.8	7.4	0		11.6	86.6	1.7	0		
PHF	.625	.773	.500	.000	.778	.313	.723	.819	.000	.796	.813	.656	.875	.000	.807	.734	.795	.583	.000	.802	.862

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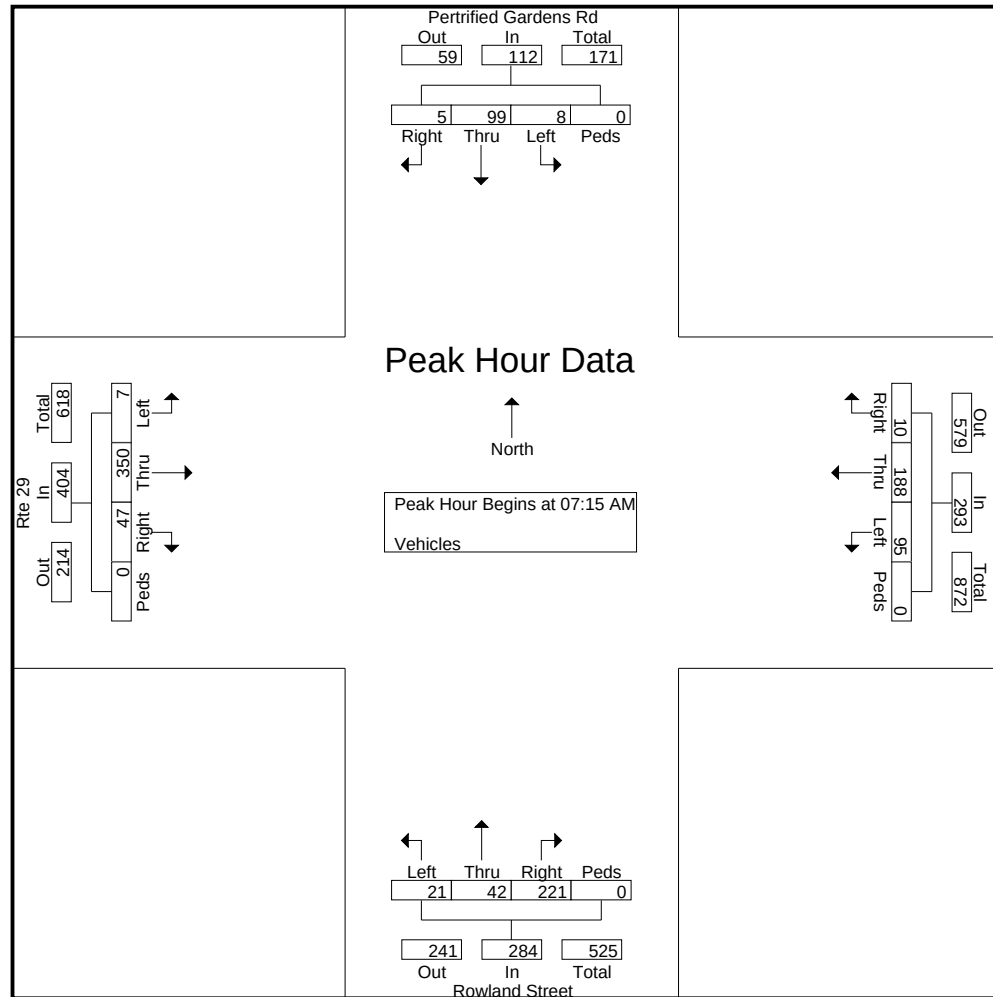
Turning Movement Count

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Site Code : 29/Row

Start Date : 11/2/2022

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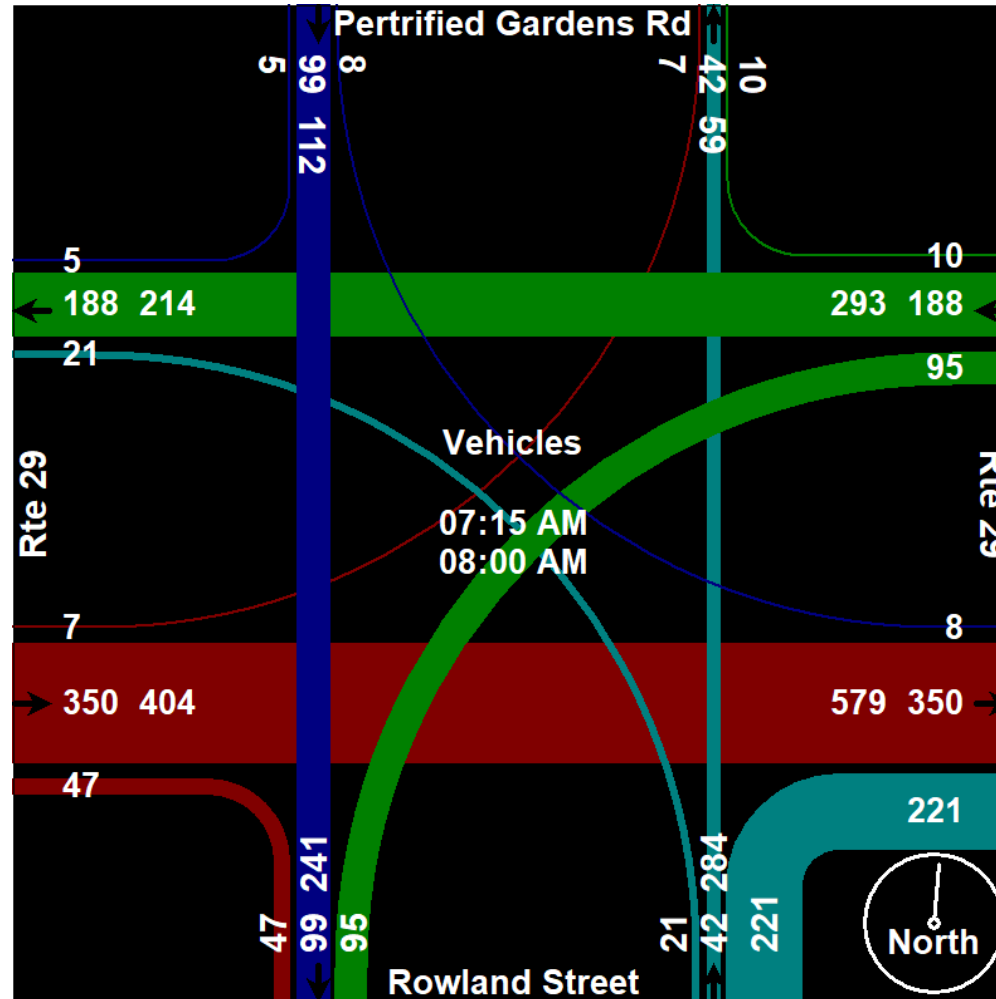
Turning Movement Count

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Site Code : 29/Row

Start Date : 11/2/2022

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Turning Movement Count

File Name : 2nd Turn Count for Rte 29 @ Rowland St and Pertrified Gardens Rd

Site Code : 29/Row

Start Date : 11/2/2022

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	Pertrified Gardens Rd From North					Rte 29 From East					Rowland Street From South					Rte 29 From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	2	19	0	0	21	1	77	62	0	140	33	31	22	0	86	10	76	1	0	87	334
04:45 PM	2	17	1	0	20	0	73	52	0	125	34	30	21	0	85	7	64	0	0	71	301
05:00 PM	0	13	0	0	13	0	92	48	0	140	35	30	15	0	80	9	61	2	0	72	305
05:15 PM	3	25	0	0	28	0	76	56	0	132	49	25	23	0	97	4	94	1	0	99	356
Total Volume	7	74	1	0	82	1	318	218	0	537	151	116	81	0	348	30	295	4	0	329	1296
% App. Total	8.5	90.2	1.2	0		0.2	59.2	40.6	0		43.4	33.3	23.3	0		9.1	89.7	1.2	0		
PHF	.583	.740	.250	.000	.732	.250	.864	.879	.000	.959	.770	.935	.880	.000	.897	.750	.785	.500	.000	.831	.910

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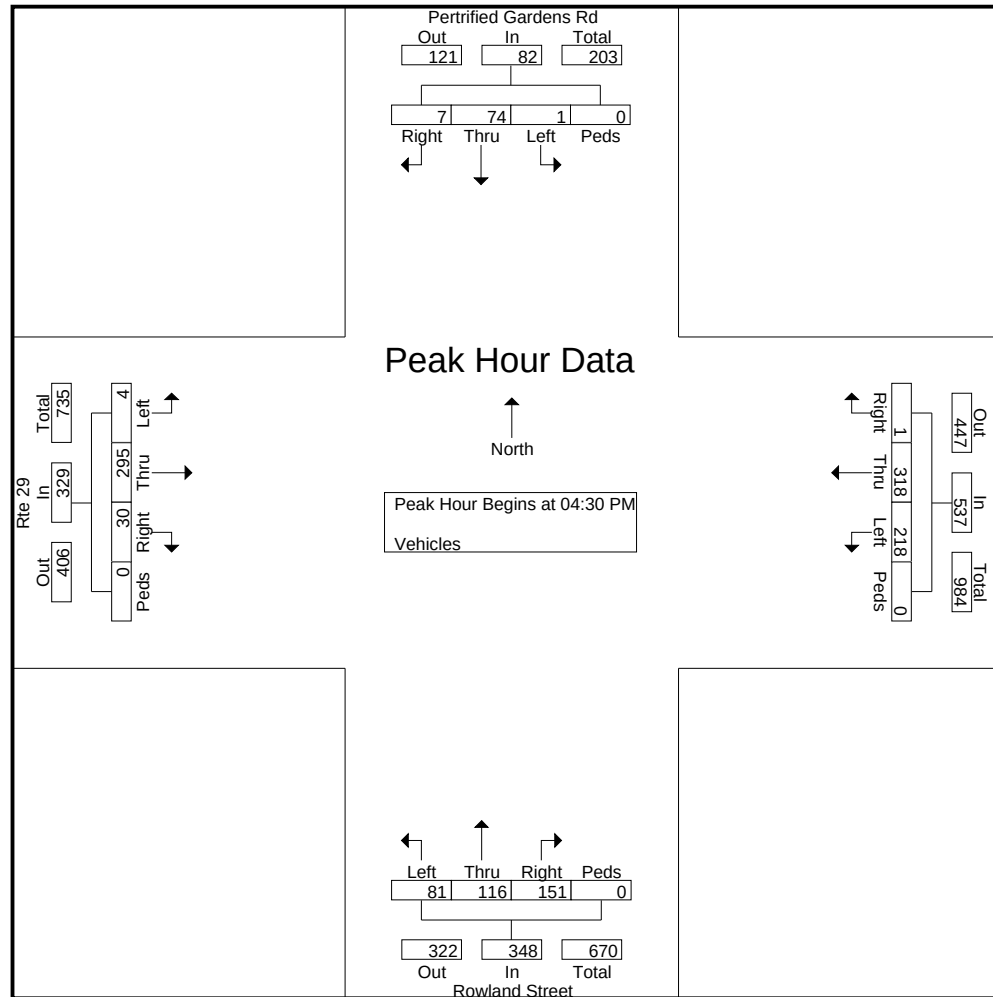
Turning Movement Count

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Site Code : 29/Row

Start Date : 11/2/2022

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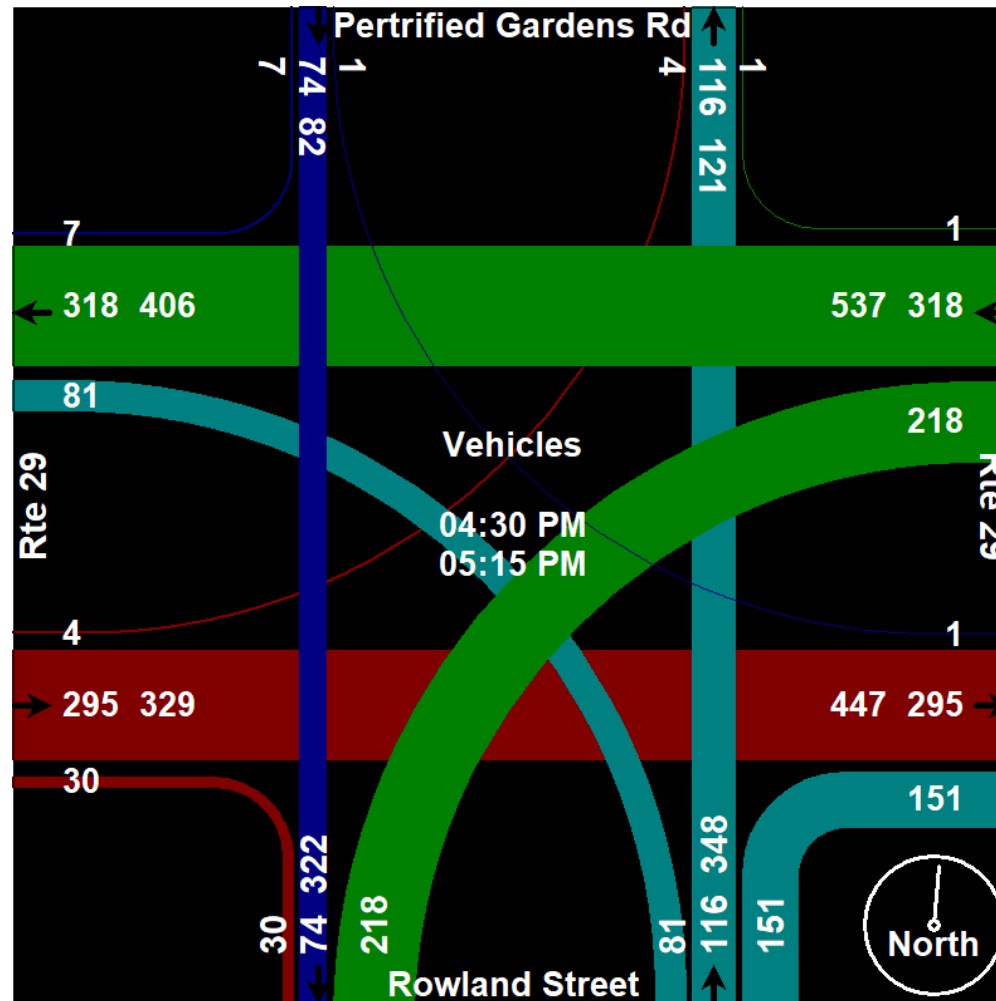
Turning Movement Count

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Site Code : 29/Row

Start Date : 11/2/2022

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Chapter 18, Appendix A - CAPITAL PROJECTS COMPLETE STREETS CHECKLIST (18A-2)

PIN:	<input type="text" value="1236.29"/>	Project Location:	<input type="text" value="Town of Milton and City of Saratoga Springs"/>
Context:	☐ Urban/Village ☐ Suburban, or ☒ Rural		
Project Title:	<input type="text" value="Route 29 at Rowland St. Intersection Safety Enhancements"/>		
STEP 1- APPLICABILITY OF CHECKLIST			
1.1	Is the project located entirely on a facility where bicyclists and pedestrians are prohibited by law and the project does not involve a shared use path or pedestrian/bicycle structure? <i>If no, continue to question 1.2. If yes, stop here.</i>		☐ Yes ☒ No
1.2	a. Is this project a 1R* Maintenance project? <i>If no, continue to question 1.3. If yes, go to part b of this question.</i> b. Are there opportunities on the 1R project to improve safety for bicyclists and pedestrians with the following Complete Street features? <ul style="list-style-type: none"> Sidewalk curb ramps and crosswalks Shoulder condition and width Pavement markings Signing <i>Document opportunities or deficiencies in the IPP and stop here.</i> <small>* Refer to Highway Design Manual (HDM) Chapter 7, Exhibit 7-1 "Resurfacing ADA and Safety Assessment Form" under ADA, Pavement Markings and Shoulder Resurfacing for guidance.</small>		☐ Yes ☒ No ☐ Yes ☒ No
1.3	Is this project a Cyclical Pavement Marking project? <i>If no, continue to question 1.4. If yes, review EI 13-021* and identify opportunities to improve safety for bicyclists and pedestrians with the following Complete Streets features:</i> <ul style="list-style-type: none"> Travel lane width Shoulder width Markings for pedestrians and bicyclists <i>Document opportunities or deficiencies in the IPP and stop here.</i> <small>* EI 13-021, "Requirements and Guidance for Pavement Marking Operations - Required Installation of CARDS and Travel Lane and Shoulder Width Adjustments".</small>		☐ Yes ☒ No
1.4	Is this a Maintenance project (as described in the "Definitions" section of this checklist) and different from 1.2 and 1.3 projects? <i>If no, continue to Step 2. If yes, the Project Development Team should continue to look for opportunities during the Design Approval process to improve existing bicycle and pedestrian facilities within the scope of project. Identify the project type in the space below and stop here.</i> <input type="text"/>		☐ Yes ☒ No
STEP 1 prepared by: <input type="text" value="Celeste Harp"/> Date: <input type="text" value="6/16/2023"/>			
STEP 2 - IPP LEVEL QUESTIONS (At Initiation)			Comment/Action
2.1	Are there public policies or approved known development plans (e.g., community Complete Streets policy, Comprehensive Plan, MPO Long Range and/or Bike/Ped plan, Corridor Study, etc.) that call for consideration of pedestrian, bicycle or transit facilities in, or linking to, the project area? <i>Contact municipal planning office, Regional Planning Group and Regional Bicycle/Pedestrian Coordinator.</i>		☒ Yes ☐ No <div style="border: 1px solid black; padding: 5px;"> The City of Saratoga's 2015 Comprehensive Plan adopted a Complete Streets Policy in 2012 (pg. 31), however there is no bike/ped infrastructure in proposed project corridor and lacking connectivity to transit facilities or community amenities </div>

Chapter 18, Appendix A - CAPITAL PROJECTS COMPLETE STREETS CHECKLIST (18A-3)

2.2	Is there an existing or planned sidewalk, shared use path, bicycle facility, pedestrian-crossing facility or transit stop in the project area?	☒ Yes ☐ No	The City of Saratoga's Comprehensive Plan does suggest a "sidepath" down route 29 out of the city(pg29)
2.3	<p>a. Is the highway part of an existing or planned State, regional or local bicycle route? <i>If no, proceed to question 2.4. If yes, go to part b of this question.</i></p> <p>b. Do the existing bicycle accommodations meet the minimum standard guidelines of HDM Chapter 17 or the AASHTO "Guide for the Development of Bicycle Facilities"? * <i>Contact Regional Bicycle/Pedestrian Coordinator</i></p> <p><small>* Per HDM Chapter 17- Section 17.4.3, Minimum Standards and Guidelines.</small></p>	<p>☐ Yes ☒ No</p> <p>☐ Yes ☐ No</p>	
2.4	Is the highway considered important to bicycle tourism by the municipality or region?	☐ Yes ☒ No	
2.5	Is the highway affected by special events (e.g., fairs, triathlons, festivals) that might influence bicycle, pedestrian or transit users? <i>Contact Regional Traffic and Safety</i>	☐ Yes ☒ No	
2.6	Are there existing or proposed generators within the project area (<i>refer to the "Guidance" section</i>) that have the potential to generate pedestrian or bicycle traffic or improved transit accommodations? <i>Contact the municipal planning office, Regional Planning Group, and refer to the CAMCI Viewer, described in the "Definitions" section.</i>	☐ Yes ☒ No	Spoke with Susan Barden, Principal Planner confirmed not part of any bicycle routes.
2.7	Is the highway an undivided 4 lane section in an urban or suburban setting, with narrow shoulders, no center turn lanes, and existing Annual Average Daily Traffic (AADT) < 15,000 vehicles per day? <i>If yes, consider a road diet evaluation for the scoping/design phase. Refer to the "Definitions" section for more information on road diets.</i>	☐ Yes ☒ No	
2.8	Is there evidence of pedestrian activity (e.g., a worn path) and no or limited pedestrian infrastructure?	☐ Yes ☒ No	

STEP 2 prepared by: Date:

Bicycle/Pedestrian Coordinator has been provided an opportunity to comment: ☐ Yes ☐ No

ATTACH TO IPP AND INCLUDE RECOMMENDATIONS FOR SCOPING/DESIGN.

Chapter 18, Appendix A - CAPITAL PROJECTS COMPLETE STREETS CHECKLIST (18A-4)

STEP 3 - PROJECT DEVELOPMENT LEVEL QUESTIONS (Scoping/Design Stage)			Comment/Action
3.1	Is there an identified need for bicycle/pedestrian/transit or "way finding" signs that could be incorporated into the project?	☐ Yes ☒ No	
3.2	Is there history of bicycle or pedestrian crashes in the project area for which improvements have not yet been made?	☐ Yes ☒ No	
3.3	Are there existing curb ramps, crosswalks, pedestrian traffic signal features, or sidewalks that don't meet ADA standards per HDM Chapter 18 ?	☐ Yes ☒ No	
3.4	Is the posted speed limit is 40 mph or more and the paved shoulder width less than 4' (1.2 m) (6' in the Adirondack or other State Park)? Refer to EI 13-021 .	☐ Yes ☒ No	
3.5	Is there a perceived pedestrian safety or access concern that could be addressed by the use of traffic calming tools (e.g., bulb outs, raised pedestrian refuge medians, corner islands, raised crosswalks, mid-block crossings)?	☐ Yes ☒ No	
3.6	Are there conflicts among vehicles (moving or parked) and bike, pedestrian or transit users which could be addressed by the project?	☐ Yes ☒ No	
3.7	Are there opportunities (or has the community expressed a desire) for new/improved pedestrian-level lighting, to create a more inviting or safer environment?	☐ Yes ☒ No	
3.8	Does the community have an existing street furniture program or a desire for street appurtenances (e.g., bike racks, benches)?	☐ Yes ☒ No	
3.9	Are there gaps in the bike/pedestrian connections between existing/planned generators? Consider locations within and in close proximity of the project area. (Within 0.5 mi (800 m) for pedestrian facilities and within 1.0 mi (1600 m) for bicycle facilities.)	☐ Yes ☒ No	
3.10	Are existing transit route facilities (bus stops, shelters, pullouts) inadequate or in inconvenient locations? (e.g., not near crosswalks) Consult with Traffic and Safety and transit operator, as appropriate	☐ Yes ☒ No	
3.11	Are there opportunities to improve vehicle parking patterns or to consolidate driveways, (which would benefit transit, pedestrians and bicyclists) as part of this project?	☐ Yes ☒ No	

Chapter 18, Appendix A - CAPITAL PROJECTS COMPLETE STREETS CHECKLIST (18A-5)

3.12	Is the project on a “local delivery” route and/or do area businesses rely upon truck deliveries that need to be considered in design?	☒ Yes ☐ No	Asphalt and quarry plants within and just outside project limits. Design vehicle accommodates this.
3.13	Are there opportunities to include green infrastructure which may help reduce stormwater runoff and/or create a more inviting pedestrian environment?	☐ Yes ☒ No	
3.14	Are there opportunities to improve bicyclist operation through intersections and interchanges such as with the use of bicycle lane width and/or signing?	☐ Yes ☒ No	

STEP 3 prepared by: Date:

Preparer's Supporting Documentation, Comments and Clarifications:

Last Revised 06/22/2015

Introduction

The intent of this checklist is to assist in the identification of needs for [Complete Streets](#) design features on Capital projects, including locally-administered projects.

This checklist is one tool that NYSDOT employs in its integrated approach to Complete Streets considerations. It provides a focused project-level evaluation which aids in identifying access and mobility issues and opportunities within a defined project area. For broader geographic considerations (e.g., bicycle route planning, corridor continuity), NYSDOT and other state and local agencies use a system-wide approach to identifying complete streets opportunities.

Use of this checklist is initiated during the earliest phase of a project, when information about existing conditions and needs may be limited; it is therefore likely that the Preparer will only be able to complete Steps 1 and 2 at this time. As the project progresses, and more detailed information becomes available, the Preparer will be able to complete Step 3 and continue to refine earlier answers, to give an increasingly accurate indication of needs and opportunities for Complete Streets features.

Guidance for Steps 1, 2 and 3

Based on the guidance below, the Regions will assign the appropriate staff to complete each step in the Checklist. The Preparer should have expertise in the subject matter and be able to effectively work with and coordinate comments/responses with involved Regional Groups.

- Steps 1 & 2: Preparer is from Planning; review occurs as part of the normal IPP process.
 - Step 3: Preparer is Project Designer; review occurs as part of Design Approval Document review/approval process.
 - For Local Projects - Local Project Sponsors will be responsible for completing all steps.
- a. A check of “yes” indicates a need to further evaluate the project for Complete Streets features. Please identify in the comment box, or append at the end of the checklist, any supporting information or documentation.
 - b. Answers to the questions should be checked with the local municipality, transit provider, MPO, etc., as appropriate, to ensure accuracy and evaluate needed items versus desirable items (i.e., prioritize needs).
 - c. Answers to the questions should be coordinated with NYSDOT Regional program areas as appropriate (e.g., Traffic and Safety, Landscape Architecture, Maintenance, etc.)
 - d. This checklist should be reviewed during the development of the IPP, Scoping Document, and Design Approval

Chapter 18, Appendix A - CAPITAL PROJECTS COMPLETE STREETS CHECKLIST (18A-6)

Document; and revisited due to a project delay or if site conditions or local planning changes during the project development process. Continued coordination with the Regional Bicycle and Pedestrian Coordinator is necessary throughout project scoping and design.

- e. It will be assumed that the Project Description and Limits will be as described in the IPP for Step 1, the Scoping Document for Step 2 and the Design Approval Document for Step 3. Preparers should describe any deviations from this assumption under "Preparer's Supporting Documentation".
- f. For the purposes of this checklist, the "project area" is within 0.5 mi (800 m) for pedestrian facilities and 1.0 mi (1600 m) for bicycle facilities. In some circumstances, bicyclists may travel up to 7 miles for a unique generator, attraction or event. These special circumstances may be considered and described as appropriate.
- g. For background on Complete Streets features and terminology, please visit the following websites:
http://www.fhwa.dot.gov/environment/bicycle_pedestrian/guidance/design_guidance/design_nonmotor/highway/index.cfm
<http://www.fhwa.dot.gov/publications/publicroads/10julaug/03.cfm>
<http://www.smartgrowthamerica.org/complete-streets/>
- h. Refer to [Highway Design Manual Chapter 18](#), Section 18.5.1 for further information and guidance on the use of this checklist.
- i. For projects with multiple sites, Preparers may choose to prepare multiple checklists for each site.

Definitions

- CAMCI (Comprehensive Asset Management/Capital Investment) Viewer - A web-based GIS application used for planning purposes and located at <http://gisweb/camci/>.
- Generator - A generator, in this document, refers to both origins and destinations for bicycle and/or pedestrian trips (e.g., schools, libraries, shopping areas, bus stops, transit stations, depots/terminals).
- HDM - New York State Department of Transportation's [Highway Design Manual](#).
- Maintenance project - For the purposes of this checklist, maintenance projects are listed as the following project types: Rigid pavement repairs, pavement grooving, drainage system restoration, recharge basin reconditioning, SPDES facilities maintenance, underdrain installation, guide rail and/or median barrier upgrading, impact attenuator repair, and/or replacement, reference marker replacement, traffic management systems maintenance, repair and replace loop detectors, highway lighting upgrades, noise wall rehab/replacement, retaining wall rehab/replacement, graffiti removal/prevention, vegetation management, permanent traffic count detectors, weigh-in-motion detectors, slope stabilization, ditch cleaning, bridge washing/cleaning, bridge joint repair, bridge painting and crack sealing.
- MPO (Metropolitan Planning Organization) - A federally mandated and federally funded transportation policy-making organization made up of representatives from local government and governmental transportation authorities.
- Raised Pedestrian Refuge Medians and Corner Islands - Raised elements within the street at an intersection or midblock crossing that provide a clear or safety zone to separate pedestrians, bicyclists, and other non-motorized modes, from motor vehicles. See FHWA's *Safety Effects of Marked vs. Unmarked Crosswalks at Uncontrolled Locations* at <http://www.fhwa.dot.gov/publications/research/safety/04100/04100.pdf>.
- Road diet - A transportation planning technique used to achieve systemic improvements to safety or provide space for alternate modes of travel. For example, a two-way, four lane road might be reduced to one travel lane in each direction, with more space allocated to pedestrian and cyclist facilities. Also known as a lane reduction or road re-channelization.
- Transit facilities - Includes facilities such as transit shelters, bus turnouts and standing pads.
- 1R project - A road resurfacing project that includes the placement or replacement of the top and/or binder pavement course(s) to extend or renew the existing pavement design life and to improve serviceability while not degrading safety.
- 2R project - A multicourse structural pavement and resurfacing project that may include: milling, super elevation, traffic signals, turn lanes, driveway modifications, roadside work, minor safety work, lane and shoulder widening, shoulder reconstruction, drainage work, sidewalk curb ramps, etc.