

3 MAIN STREET
NEWTOWN, CONNECTICUT 06470
TEL. (203) 270-4360
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Brian Budd
Joel Faxon
Andrew Sachs
Scott Cicciari

TOWN OF NEWTOWN

BOARD OF POLICE COMMISSIONERS

The Board of Police Commissioners
Regular Meeting, Tuesday, September 3, 2019
Town Hall South – Main Conference Room, 3 Main Street, Newtown, CT
Chairman Faxon called the meeting to order at 6:30pm

MINUTES ARE NOT FINALIZED UNTIL APPROVED BY THE BOARD OF POLICE COMMISSIONERS

Present: Joel Faxon, Brian Budd, Scott Cicciari, Joan Plouffe, Andy Sachs

Also Present: Chief James Viadero, Captain Vanghele, Mike Galante of Frederick Clark Associates, fourteen members of the public and one member of the press
Chairman Faxon called the meeting to order at 6:30 p.m.

Public Participation: Public wanting to discuss Toddy Hill Road will be able to have public participation after the presentation.

Police Union Participation: none

Consideration and action on the minutes of June 13, 2019: Commissioner Cicciari moved to approve the minutes from the June 13, 2019 meeting. Commissioner Plouffe seconded, motion unanimously approved.

Chief's Report: On 6/28/19 on Rt 34 at Jordon Hill there was a fatal one car accident. The case is still open. 7/6/19 there was a double overdose at Exit 11 commuter parking lot. They had to administer 6 does of Narcan to one of the victims. 7/28/19 there was a missing disoriented elderly woman that was found in Maryland by tracking her bank cards. There was an individual exposing himself to people coming in and out of TJ Maxx. Officer Pisani set up surveillance and made a quick arrest. 8/11/19 there was a missing autistic youth. Last Saturday at a local synagogue, during patrol, an officer located the graffiti which was removed before the services started that day. The investigation is still open, and they are comparing it to others in the state. Labor Day parade went well. They had a really good showing; they had 20 motorcycles from other towns assisting. They put together training on traffic stops. They have been trained but this is a refresher with on going dui and distracted driving enforcement. Officer Felicia Figol was named CT Law Enforcement Officer of the year by the American Legion Department of CT. This weekend, 9/8, Sgt. Scott Ruszczyk and Lt. Rich Robinson are doing a training component for stress management. They have been an inspiration in this department for this stress training.

Old Business:

- a.) **Police Building Update:** The latest rendering of the new Police Department building was displayed. As of last week, they are coming in under budget. They are running about 2 weeks behind schedule. They will have a pre bid meeting on Friday with the purchasing agent.
- b.) **Toddy Hill Road Update:** Mike Galante of Frederick Clark Associates presented (Att.). Toddy Hill Road is a 2 lane road with a posted speed limit of 30 mph. Traffic volume weekdays are 6500 to 7000 per day, 600 during peak. The peak hours are 8-9am and 3-4pm. It is a road that is considered a major arterial based on the volume of the road. The road is used as a commuter route. They recommend a double yellow line, stop bars and replacement of the stop signs on the side roads. There is a new standard with a reflective strip on the post. Curve warning signs and locations where vegetation needs to be pruned. As well as adding white shoulder stripping that tightens up the availability of the lane and will also help visibility during inclement weather.

Chief Vidaro also explained that they have purchased two permanent flashing speed signs. Once the locations have been identified they will be installed. It is recommended to have 4 locations, 2 on the North side and 2 on the South Side.

Installing a stop sign at an intersection on Toddy Hill Road is not recommended. That is appropriate when the volume on the side street meets that of Toddy Hill Road. If you do not have the volume, the cars on Toddy Hill Road will begin to roll through the stops.

Rumble strips on the road were not recommended. The strips on the center line are to avoid cars going into the opposite lane. Rumble strips can also be loud.

Speed humps are not recommended. There would need to be 10 to 12 of them and it will only slow them for that section.

Chief Viadero asked if different signage such as “drive like your children live here” would be a benefit. Mr. Galante explained that those are nonconforming and not allowed by CT DOT to be installed in the town right of ways.

Julie Mack, 1 Turkey Roost Road – Questioned why there a short section that is 35 mph and asked for a sign that says no air brakes.

Candide Slinko, 79 Toddy Hill Road - Recommended the stop line at 34 be moved back to where it was before temporarily and that the foliage be cut back.

Carolyn Sepe, 83 Toddy Hill Road – Asked if north bound between Surrey Trail and Settlers Lane can be cut back.

Laurene Mapes, 82 Toddy Hill – Questioned the average speed being 30-35, seems too low.

Bill Duffy, 17 Pilgram Lane – Wants the sight lines on the side of the road cleared. The town hasn’t done anything to clean any of the growth on the metal rails. The side lines will be helpful especially during bad weather.

Mr. Doyle, 75 Toddy Hill Road – Said that they are providing them with no answers for the speeding on Toddy Hill. He has seen the sign, drive like your children live here in Westport and it caught his attention and he immediately slowed. Every problem has an answer.

Jeff Timmons, 46 Toddy Hill Road – Suggested putting the speed table at either ends of the stretch, people will eventually get used to it. He has to put cones in the road when he is mowing for his safety.

Pete Sepe, 83 Toddy Hill Road – Questioned if exiting his driveway at 10 mph and going over the traffic tubes, would that negate the average speed. Mr. Galante responded that it would. He would also like to see the rumble strips down the center line. He also asked if the electric speed signs are permanent. The Chief answered that they will be. They are going on concrete stations. Mr. Sepe has reservations on the recommendation of the placement of the signs.

Correspondence: Letters of Appreciation were received from several people including residents, Fairfield University, Morton N. Katz Attorney at Law, Special Olympics CT and Newtown Prevention Council.

New Business:

a.) **Crime Scene Unit Policy:** Commissioner Plouffe moved to approve the Crime Scene Unit Policy. Commissioner Sachs seconded, motion unanimously approved.

b.) **Addendum to the current NPD Firearms Policy:** There was an incident in Cover Two where two officers responded to an unwanted person at closing time. Officers got into a hands on fight with him. They were very fortunate that no one got hurt. The person tried to get the gun from the Officer's holster. In light of that incident, they would like a policy to allow a backup weapon. The current policies do not allow for that. Commissioner Plouffe moved to approve the amendments to Policy and Procedure's 3.02 and 3.05. Commissioner Budd seconded, motion unanimously approved.

Commissioners Participation: Commissioner Cicciari would like the recommendations that prove positive for Toddy Hill Road to be implemented on other feeder roads.

Officer Adam James will be leaving for a few months in November he is part of the Coast Guard and has been called in to support Home land Security.

Public Participation: none.

Adjournment: Having no further business to report the police commissioners adjourned their special meeting at 8:07p.m.

Att: Toddy Hill Road Traffic Calming Program
Respectfully submitted, *Arlene Miles, Clerk Pro-Tem*



FREDERICK P. CLARK ASSOCIATES

PLANNING, TRANSPORTATION, ENVIRONMENT AND DEVELOPMENT

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August 29, 2019

Mr. James Viadero
Chief of Police
3 Main Street
Newtown, Connecticut 06470

Subject: Traffic Evaluation – Toddy Hill Road, Newtown, Connecticut

Dear Chief Viadero:

As requested, we are pleased to submit this Letter Report addressing traffic and safety concerns along Toddy Hill Road, for its entire length from State Route 34 to the north to the intersection of Botsford Hill Road to the south.

Project Understanding

Based on discussions with the Police Department residents have a concern with the use of Toddy Hill Road, volume of traffic, speed of motorists and the overall operational/safety of this road.

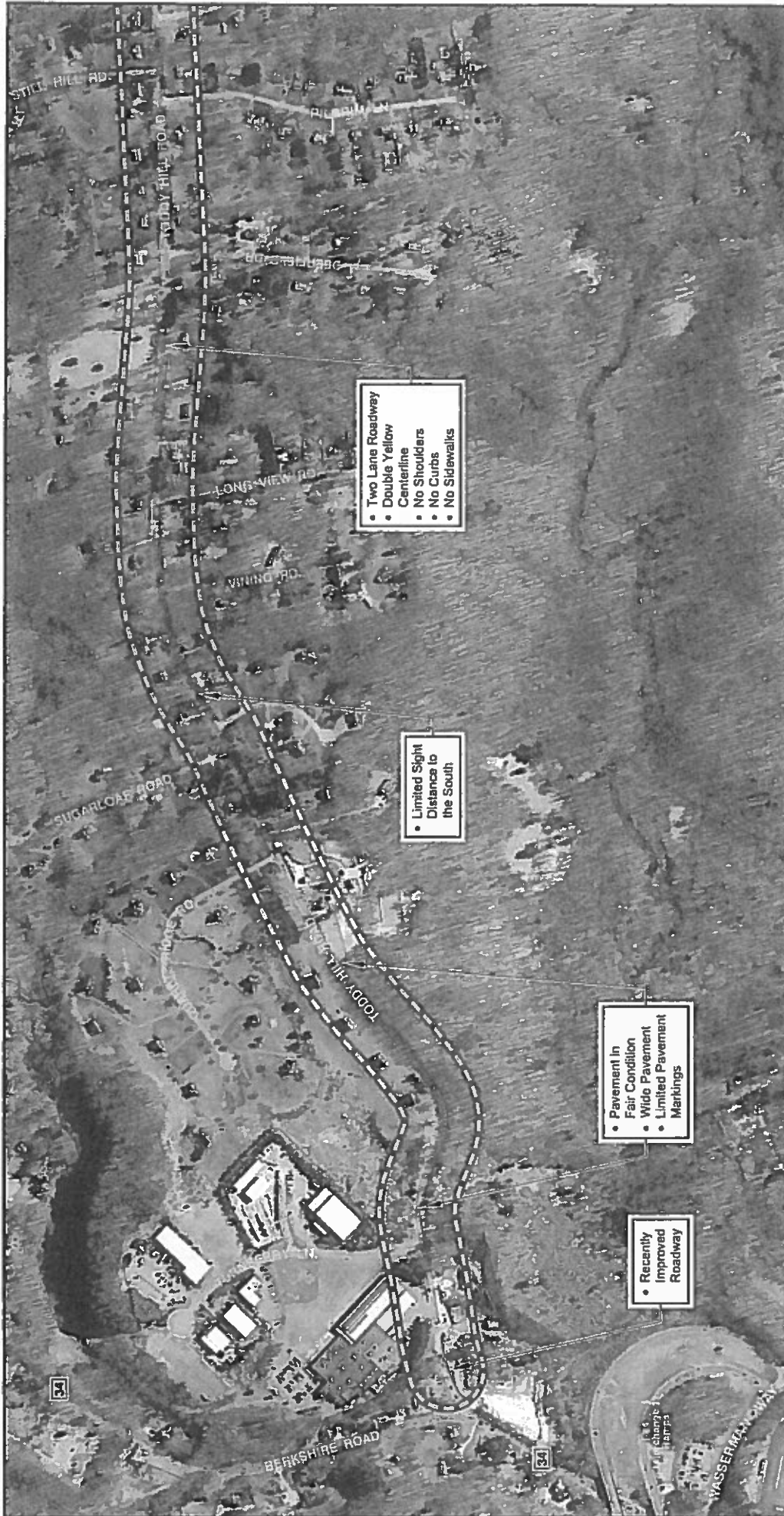
This road is used as a commuter route and provides a connection between State Route 25 to the south to State Route 34 to the north and provides an alternative to motorists using State Route 25 through the downtown area of the Town to Church Hill Road and other roads to access State Route 34 and Interstate 84.

The Police Department prepared a detailed assessment of Toddy Hill Road, which is summarized below and in conjunction with our observations and assessment of this road, including utilization, volume, accident history and potential options to mitigate through traffic, speed and to improve overall safety.

Existing Conditions

The following is an assessment prepared by the Police Department and an assessment based on our inventory and visual inspection of Toddy Hill Road (see Figures 1 and 2):

- It is a north-south, Town-maintained roadway;
- One travel lane in each direction and includes a double yellow centerline;
- Based on an assessment by the Police Department, Toddy Hill Road is approximately 2.4 miles in length and Botsford Hill Road is an additional 1.1 miles in length;



EXISTING CONDITIONS
NORTH SECTION

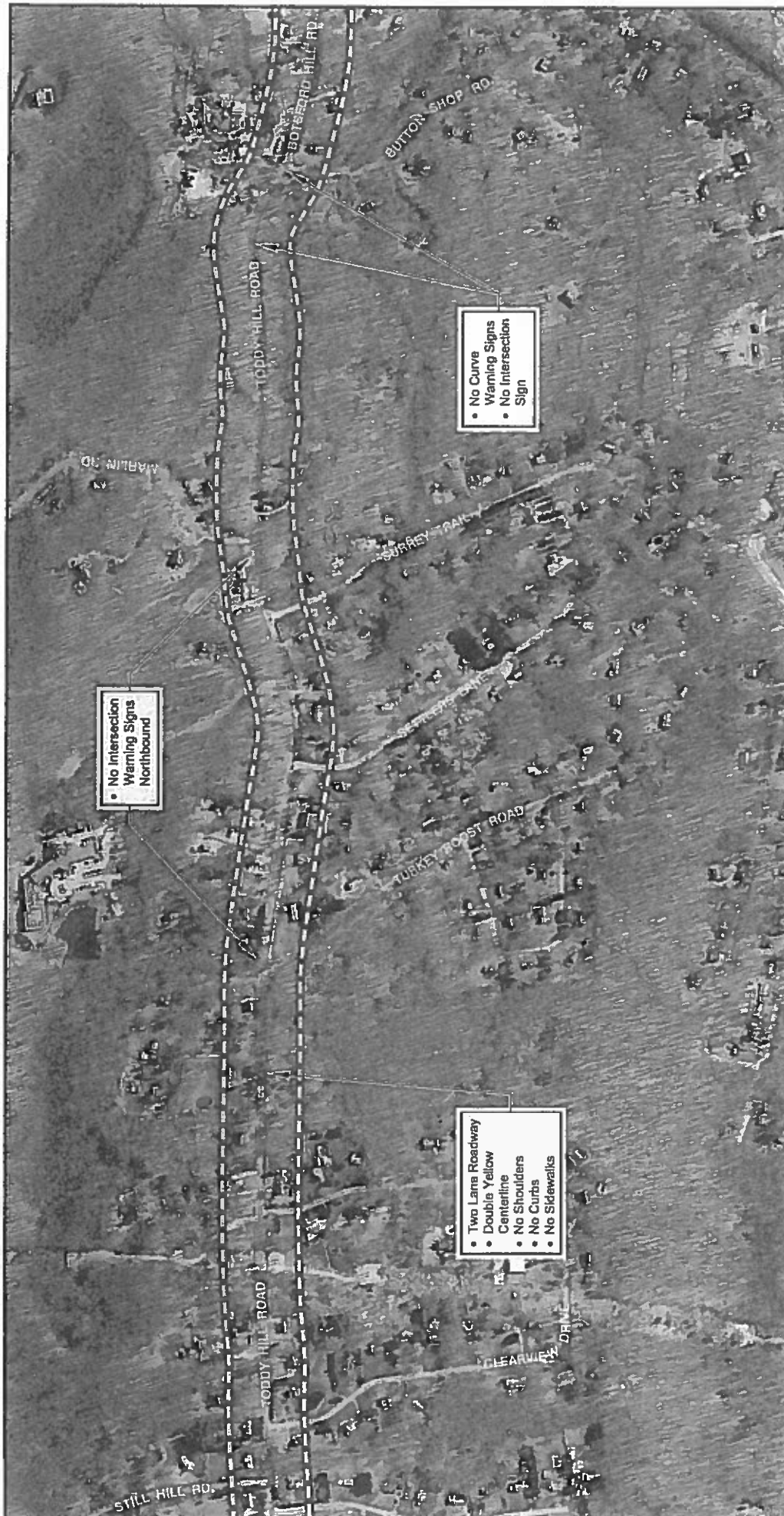


TRAFFIC EVALUATION
TODDY HILL ROAD
Newtown, Connecticut

FREDERICK P. CLARK ASSOCIATES
A HARDESTY & MANOVER COMPANY

Scale in Feet
0 125 250 375 500

1
8/20/19



EXISTING CONDITIONS	
SOUTH SECTION	
TRAFFIC EVALUATION	
TODDY HILL ROAD	2
Newtown, Connecticut	6/23/19
FREDERICK P. CLARK ASSOCIATES A HARDESTY & HANOVER COMPANY Scale in Feet 0 100 200 300 400	

- Land use along Toddy Hill Road is mostly residential except for the area in the immediate vicinity of State Route 34 intersection and a short distance to the south of that intersection.
- Development near the State Route 34 intersection includes commercial/warehousing and manufacturing-type development, with access to many residential cul-de-sacs and roadways intersecting with Toddy Hill Road;
- Other development to the south of the commercial area on Toddy Hill Road includes a Rehabilitation and Health Care Center, with more commercial-type development to the south on Botsford Hill Road including a Lumber Yard;
- The posted speed limit is 30 miles per hour and a double yellow centerline is provided for its entire length. This road is classified as a major arterial roadway, which carries a high volume of traffic and also functions as a collector road to serve the many residential developments located along this road and commercial developments;

The pavement width of Toddy Hill Road is approximately 24 feet in width for most of its length, except for the area in the vicinity of the Industrial Parks south of the State Route 34 signalized intersection. CTDOT recently improved Toddy Hill Road from the intersection with State Route 34 to the south including a new culvert and generally to the intersection of Turnberry Lane.

South of this section of Toddy Hill Road it is a wider two-lane road and incorporates a series of curves between Turnberry Lane and Long View Road. There is a wider pavement area south of Turnberry Lane which has a pavement condition that is generally considered fair.

A majority of Toddy Hill Road lacks CURVE WARNING signs; however, includes a posted speed limit, which is 30 miles per hour. However, a Town plan to upgrade all signing along Toddy Hill Road has been implemented.

A majority of the side road approaches to Toddy Hill Road are controlled with STOP signs. There are no STOP signs on Toddy Hill Road; therefore, it has a right-of-way for its entire length. Although traffic counts were not conducted at any of the side road approaches, Toddy Hill Road carries the highest volume throughout the area when compared to residential neighbors.

Traffic Volumes

The Newtown Police Department collected traffic data from the Connecticut Department of Transportation (CTDOT). Additional data was obtained by the Police Department to identify the level of traffic using this road on a typical weekday condition. A traffic count conducted by CTDOT

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in 2010 indicated an average daily volume (two-way) of 6,650 vehicles. However, the exact location of the recorded data is unknown.

The Newtown Police Department obtained traffic data on Toddy Hill Road near Deerfield Lane in June, July and October of 2017, which indicated a daily, two-way volume of up to 7,005 vehicles. Other data obtained from the Newtown Police Department in May and June of 2019 indicated one-way northbound volumes of approximately 3,600 vehicles.

An additional traffic count conducted by Clark Associates on Toddy Hill Road north of Long View Road in June 2019, which identified an average daily two-way volume of 7,404 vehicles. The attached Figure 3 provides a graphic illustration of these volumes. The weekday morning peak hour occurs from 7:00 to 8:00 A.M., with a two-way volume of 578 vehicles. The southbound volume was recorded to be 385 vehicles or 67 percent of the peak hour volumes. The weekday peak hour volume was found to be 545 vehicles from 3:00 to 4:00 P.M., with the northbound volume of 310 vehicles or 57 percent of the two-way volume. The typical weekday afternoon peak commuter hour from 5:00 to 6:00 P.M. was found to be approximately 7 percent below.

For a Saturday condition the daily count was conducted on June 15, 2019. The daily volume was found to be 6,624 vehicles. The directional pattern was almost balanced. The midday peak low occurred from 1:00 to 2:00 P.M. The peak hour volume was 524 vehicles and almost equally balanced by direction. Figure 4 graphically illustrates the hourly patterns.

Speed Data

Toddy Hill Road has a posted speed limit of 30 miles per hour. In the Botsford Hill Road section it includes a 35 miles per hour zone.

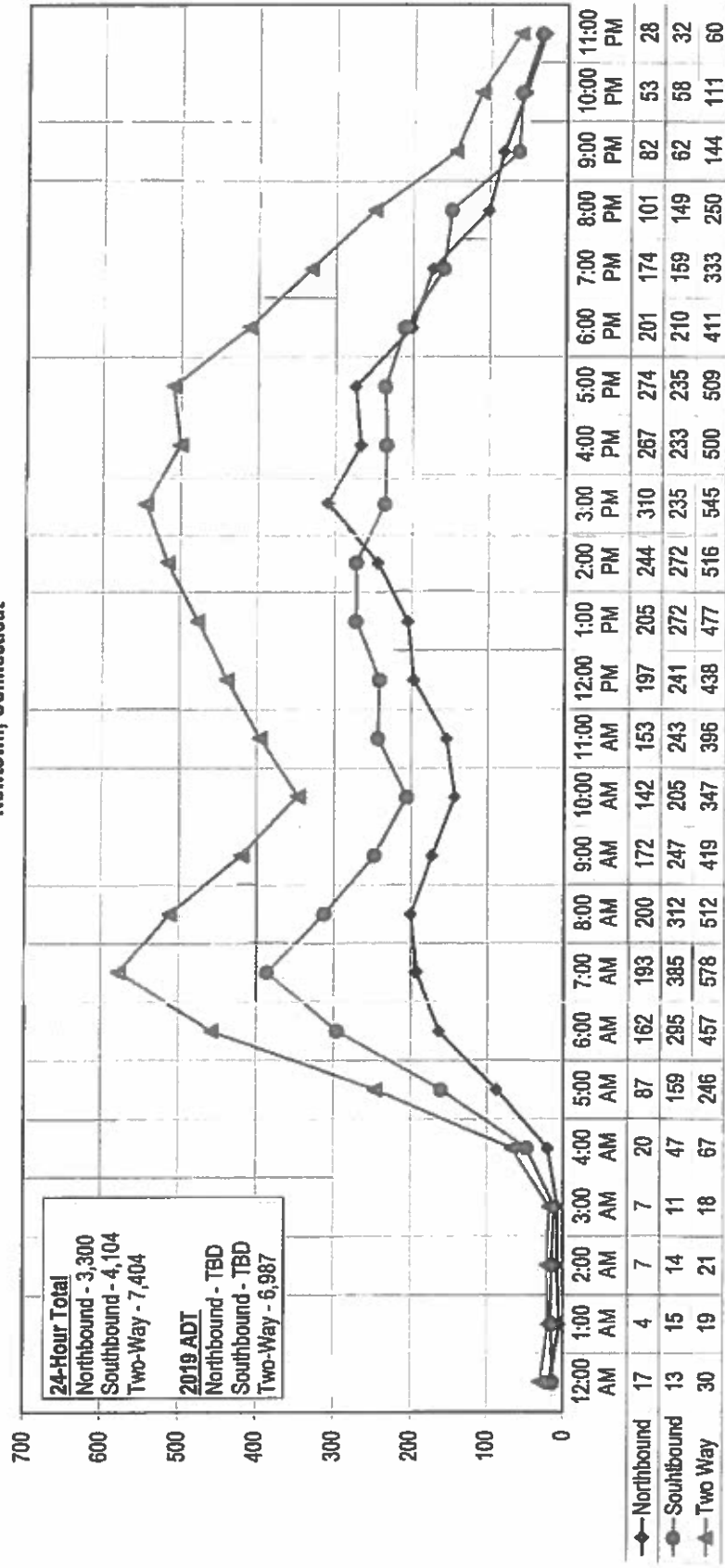
Speed studies conducted by the Newtown Police Department near Deerfield Drive in June 2017 identified an 85th percentile speed of 44.6 miles per hour, which indicates that approximately 85 percent of the motorists traveling on this road are traveling up to this speed. However, the average measured speed was found to be 31.1 miles per hour.

In an August 2017 Speed Study conducted by the Newtown Police Department it indicated approximately the same average speed of 39.9 miles per hour; however, an 85th percentile speed of 45.1 miles per hour, which indicated a slight increase in speed. It is only assumed that the speed data was obtained at the same location during both surveys. The 85th percentile speed should be considered high.

An additional Speed Study was conducted in October 2017 by the Newtown Police Department and identified a 33 mile per average speed of motorists and the 85th percentile speed of 38 miles

TWO-WAY HOURLY TRAFFIC VOLUMES - WEDNESDAY, June 12, 2019
TODDY HILL ROAD, NORTH OF LONGVIEW DRIVE

Proposed Project
 Toddy Hill Road
 Newtown, Connecticut

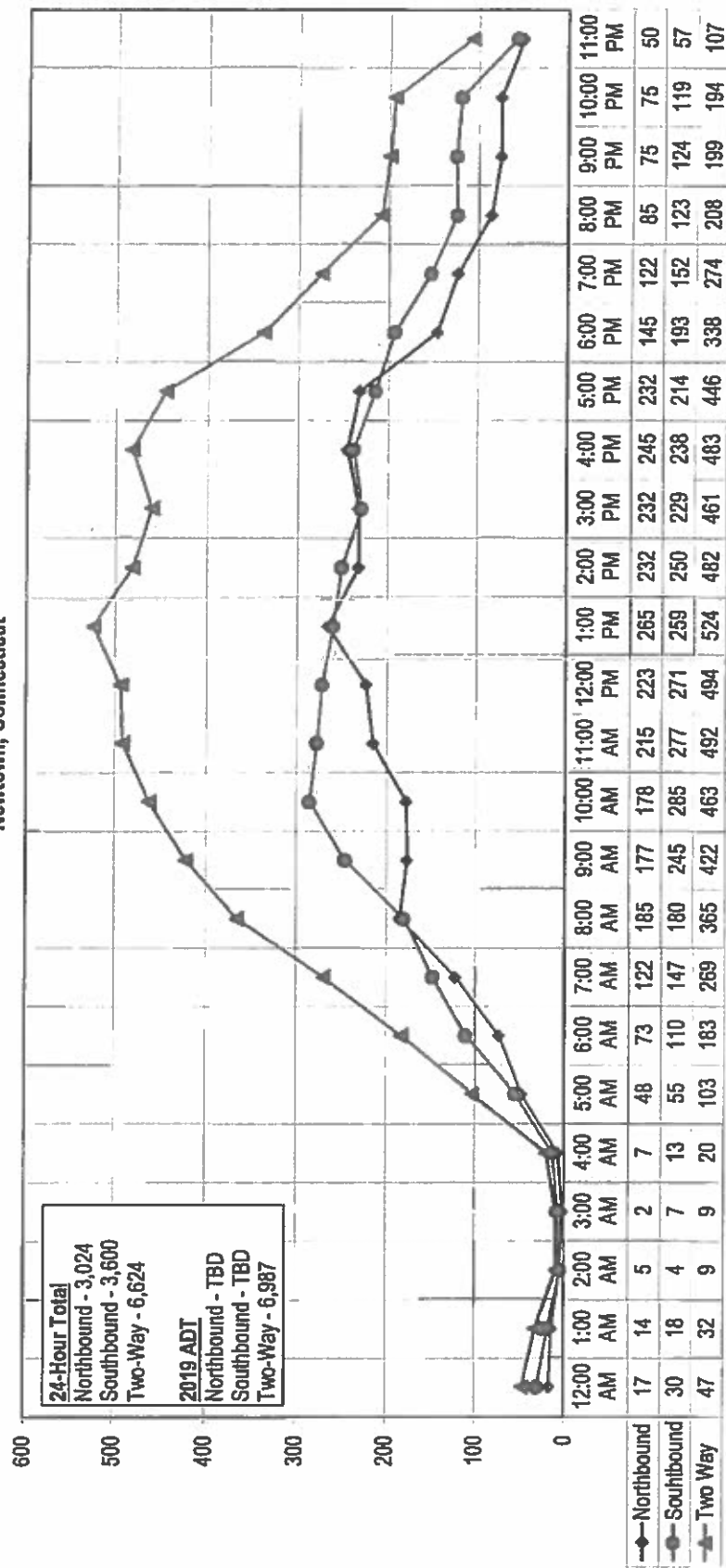


Source: Subconsultant - Connecticut Counts LLC

Frederick P. Clark Associates
 June 2019

Figure 3

TWO-WAY HOURLY TRAFFIC VOLUMES - SATURDAY, June 15, 2019
TODDY HILL ROAD, NORTH OF LONGVIEW DRIVE
 Proposed Project
 Toddy Hill Road
 Newtown, Connecticut



Source: Subconsultant - Connecticut Counts LLC

Frederick P. Clark Associates
 June 2019

Figure 4

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per hour. An additional study was conducted in May 2019 by the Town Police Department and provided similar results as noted above for the October count.

Accident Experience

Accident data obtained from the Newtown Police Department for a period beginning 2014 through May of 2019 indicated that on an annual basis the entire length of Toddy Hill Road had an average of approximately 14 accidents per year for its entire length of roadway. This indicates an average of 1.25 accidents per month for the entire length of this road. It is important to note that the accident data indicates no fatalities and a very limited number of personal injuries. The majority of the accidents were limited to property damage and included 7 rear-end collisions due to weather conditions, 3 accidents related to deer strikes, 1 related to avoiding hitting a deer, a sideswipe and a motorist hitting a utility pole due to alcohol consumption. The data provided by the Newtown Police Department also indicated that 90 percent of the accidents occurred during peak hour conditions for commuters.

General Observations/Summary of Existing Conditions

Toddy Hill Road is a major, north-south, arterial/collector-type roadway serving not only the Town of Newtown, but residents to the south in Monroe and access both State Route 25 to the south and State Route 34 to the north. To the south State Route 25 provides a major connection through Monroe and Trumbull and provides access to State Route 111, Merritt Parkway and Interstate 95. To the north Toddy Hill Road provides the connection to State Route 34, which provides access to the Business District in Newtown, Sandy Hook and access to Interstate 84 in both directions serving both Danbury to the west and Waterbury to the east. Although this may be considered a local road to many residents, it does not function as a "local" road although there are many single-family homes and individual driveways fronting Toddy Hill Road. It functions as a major connection serving southern Newtown and northern Monroe.

In many cases the road needs additional CURVE WARNING signs, additional posted speed limit signs, maintenance and repainting of the double yellow centerline when necessary and consideration of installing a white shoulder line along the entire length of road and specifically in the section between Quarry Ridge Road and State Route 34 to guide motorists through the curves in the wider paved area. However, in each case along this road one lane is provided in each direction, except for the northbound approach on Toddy Hill Road to the State Route 34 signalized intersection.

Traffic Calming Measures

The Town has many opportunities to consider traffic calming measures, if appropriate, for a variety of different types of roadways. However, certain opportunities may not be appropriate for Toddy Hill Road. The following options could be considered:

- Speed humps;
- Reduce pavement width;
- Modify pavement markings;
- STOP sign control;
- Reduce speed limits; and,
- Turn restrictions.

Speed Humps – Consideration for speed humps along Toddy Hill Road will only be effective in reducing speed and potentially improving overall safety and operational characteristics is to install several speed humps. To be effective it would be necessary to install speed humps for the entire length of road, which is not feasible or recommended. This is a major road, which should not be restricted with the installation of speed humps, which is typically a tool to slow traffic down; however, not eliminate or reduce traffic. While it may be appropriate to install speed humps on Town roads, which occurred on Queen Street and Key Rock Road, these are a different type of two-lane roads serving the Town limited to a much shorter length of roadway, which functions differently from Toddy Hill Road.

Toddy Hill Road, as noted above, is a major north-south, Town road serving a very large area of not only commuters but local residents and commuters accessing commercial development along the northerly section of this roadway.

Speed Bumps – Speed bumps should never be considered for a public street and are typically limited to private roads, for example within shopping centers and office parks.

Reduce Pavement Width – Toddy Hill Road is already a two-lane road, with a pavement width typically in the range of 22 to 24 feet. There are no options to reduce the pavement width to address speed or improve operational characteristics. However, this section of Toddy Hill Road located of Quarry Ridge Road and to the south and north to the State Route 34 intersection could be considered a section of road to reduce the pavement in the curves to maintain two 12-foot travel lanes, with a double yellow centerline and white shoulder lines. This would include a repaving of this section of road from the recently replaced culvert near the Quarry Ridge Road intersection.

Modified Pavement Markings – As noted above, this roadway is limited to a double yellow centerline for its entire length. The only option for additional pavement markings would include the

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white shoulder line noted above installed for the entire length of Toddy Hill Road to better define the roadway and assist in evening and night driving for visibility.

Although not part of a traffic calming process the Town may consider installing STOP bars at each of the side road approaches along with installing and/or maintaining STOP sign control with STOP signs.

Reduce Speed Limits – The posted speed limit for this roadway is 30 miles per hour; however, except for a short section it has a posted speed limit of 35 miles per. This is an appropriate posted speed limit for this type of roadway; however, the percentile speed is high.

It is unlikely that a reduction in the posted speed limit to 25 miles per hour would reduce the 85th percentile speed of motorists traveling on this road. This road has very few limitations other than the alignment of the roadway and the generally narrow pavement; however, the pavement width provides for two appropriate travel lanes for its entire length. Any reduction in the posted speed limit will have no benefit to the residents of this area or motorists traveling on this road.

Turn Restrictions – Restricting turning movements at either the State Route 34 intersection or intersections to the south on Toddy Hill Road will have little or no benefit to the general public other than to divert traffic away from this road, which would result in long travel times and negative impacts to other roadways. This is not the type of road that should have turn restrictions.

Although not part of the review to implement traffic calming measures along Toddy Hill Road the field observations indicated several locations where there were sight restrictions due to vegetation and the alignment of the road. Generally, the Town should implement a tree trimming and vegetation removal along Toddy Hill Road and specifically at side road approaches.

As part of the tree trimming and vegetation removal recommendation we recommend INTERSECTION WARNING signs at the Settlers Lane intersection for northbound traffic on Toddy Hill Road.

The Town has already installed NO THROUGH TRUCK signs for both directions on Toddy Hill Road; however, there are certain regulations that apply to a NO THROUGH TRUCK designation, which was implemented by CTDOT several years ago. These signs do not restrict truck traffic on Toddy Hill Road; however, do potentially limit the use of Toddy Hill Road by through trucks, which do not have any destinations within the Town and specifically along Toddy Hill Road.

Findings

Based on a detailed field inventory of Toddy Hill Road, an inventory of traffic control and warning signs, including the posted speed limit signs and STOP signs, Toddy Hill Road has a two-way daily volume of approximately 6,500 vehicles. The average speed is approximately 35 miles per hour and the typical 85th percentile speed is in the range of 45 miles per hour. The 45 mile per hour speed is high for Toddy Hill Road since it is posted for 30 miles per hour; however, the average speed is approximately 35 miles per hour, which is only 5 miles over the posted speed limit. Therefore, the average speed is appropriate; however, the 85th percentile speed, which represents the majority of motorists are traveling at the higher speed, which in many respects is too high for this type of road.

The higher speed does also indicate little traffic congestion and motorists not experiencing any restrictions or limitations to traveling at a higher rate of speed on Toddy Hill Road. Therefore, it is appropriate to upgrade traffic signs, which the Town has already identified.

It is recommended that the Town implement the following measures to improve overall safety, potentially improve sight lines and improve visibility within an improved pavement marking plan:

- As already planned replace all traffic control and warning signs;
- Install STOP signs and STOP bars on each of the side road approaches for the entire length of Toddy Hill Road;
- Maintain the double yellow centerline for its entire length and consider installing white shoulder lines along both sides of the road for its entire length or at least the northerly section;
- Repave Toddy Hill Road from the recently replaced culvert to the Quarry Ridge Road intersection;
- Install CURVE WARNING signs on Toddy Hill Road between Turnberry Lane and Quarry Ridge Road;
- Install CURVE WARNING signs on Toddy Hill Road in the vicinity of Settlers Lane in both direction;
- Do not consider installing speed humps;
- Maintain the posted speed limit of 30 miles per hour; and,
- Consider installing luminating/flashing speed limit speed-type signs to alert motorists of their higher speed. These types of signs should be installed in both directions and at least two locations both northbound and southbound.

As referenced above the Town has already purchased two illuminating/flashing speed limit signs; however, has not yet installed these variable speed signs. It is recommended that in addition to the two signs already purchased the Town should consider purchasing two additional signs for

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installation along Toddy Hill Road. Based on our observations of this roadway and its alignment and characteristics it is recommended that these variable speed signs be installed at the following locations:

- Northbound – between Surrey Trail and Settlers Lane;
- Northbound – between Deerfield Drive and Long View Road;
- Southbound – north of Quarry Ridge Road; and,
- Southbound – south of Clearview Drive.

It is our experience that these types of signs do alert motorists of their speed and motorists have been found to actually slow down when traveling over the posted speed limit. It is recommended that the two locations noted below are the first locations to have these signs installed, with the two remaining locations installed in the near future:

- Northbound – between Surrey Trail and Settlers Lane; and,
- Southbound – north of Quarry Ridge Road.

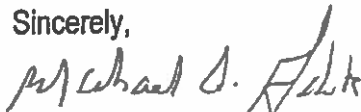
It is assumed these signs will be set not to provide a speed traveled by motorists over a certain speed since observations in other locations (not in Newtown) have found that motorists and especially in the late evenings will try to attempt to have the sign register a very high speed.

A review of the accident data provided by the Police Department does not indicate a significant level of accident data, which indicates a need for overall safety improvement.

The installation of any traffic control warning signs should follow the standards and guidelines used in the Manual of Uniform Traffic Control Devices (MUTCD), published in 2019.

Traffic control measures along Toddy Hill Road should remain the same, with STOP signs located on the side road approaches to Toddy Hill Road. Toddy Hill Road should maintain the right-of-way and STOP signs should not be considered at any side road for its entire length. Toddy Hill Road carries a significantly higher volume than any one of the side road approaches and; therefore, the side road approaches should be maintained with a STOP sign.

Sincerely,



Michael A. Galante
Managing Principal

Enclosure

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TODDY HILL ROAD, NEWTOWN, Connecticut (#807.003)
FIELD DATA SUMMARY - Toddy Hill Road, North of Longview Rd

TIME	Monday, June 10, 2019			Tuesday, June 11, 2019			Wednesday, June 12, 2019			Thursday, June 13, 2019		
	NB	SB	TOTAL	NB	SB	TOTAL	NB	SB	TOTAL	NB	SB	TOTAL
12:00 AM			0	16	12	28	17	13	30	14	16	30
1:00 AM			0	5	19	24	4	15	19	6	20	26
2:00 AM			0	2	6	8	7	14	21	3	12	15
3:00 AM			0	5	7	12	7	11	18	4	14	18
4:00 AM			0	21	35	56	20	47	67	22	25	47
5:00 AM			0	75	151	226	87	159	246	73	167	240
6:00 AM			0	141	295	436	162	295	457	126	289	415
7:00 AM			0	197	360	557	193	385	578	152	370	522
8:00 AM			0	182	303	485	200	312	512	183	352	535
9:00 AM			0	152	263	415	172	247	419	147	233	380
10:00 AM			0	129	226	355	142	205	347	131	188	319
11:00 AM			0	171	199	370	153	243	396	155	234	389
12:00 PM	188	205	393	163	248	411	197	241	438	175	189	364
1:00 PM	166	226	392	185	254	439	205	272	477	192	208	400
2:00 PM	185	257	442	214	240	454	244	272	516	216	235	451
3:00 PM	301	247	548	272	230	502	310	235	545	252	240	492
4:00 PM	245	209	454	288	228	516	267	233	500	257	217	474
5:00 PM	248	202	450	253	197	450	274	235	509	252	233	485
6:00 PM	164	158	322	207	208	415	201	210	411	191	209	400
7:00 PM	132	108	240	142	173	315	174	159	333	129	135	264
8:00 PM	64	95	159	99	140	239	101	149	250	101	137	238
9:00 PM	57	58	115	64	70	134	82	62	144	49	89	138
10:00 PM	27	37	64	59	55	114	53	58	111	52	45	97
11:00 PM	34	26	60	19	22	41	28	32	60	17	31	48
TOTAL	1811	1828	3,639	3,061	3,941	7,002	3,300	4,104	7,404	2,899	3,888	6,787

TIME	Friday, June 14, 2019			Saturday, June 15, 2019			Sunday, June 16, 2019			Monday, June 17, 2019			Tuesday, June 18, 2019		
	NB	SB	TOTAL	NB	SB	TOTAL	NB	SB	TOTAL	NB	SB	TOTAL	NB	SB	TOTAL
12:00 AM	13	13	26	17	30	47	21	27	48	11	11	22	14	10	24
1:00 AM	10	24	34	14	18	32	13	16	29	5	10	15	6	28	34
2:00 AM	5	5	10	5	4	9	8	9	17	5	5	10	8	5	13
3:00 AM	6	8	14	2	7	9	4	4	8	7	10	17	2	10	12
4:00 AM	16	30	46	7	13	20	7	6	13	9	22	31	10	33	43
5:00 AM	78	156	234	48	55	103	14	15	29	80	139	219	79	158	237
6:00 AM	143	277	420	73	110	183	38	41	79	152	292	444	137	308	445
7:00 AM	151	379	530	122	147	269	80	86	166	153	357	510	184	324	508
8:00 AM	209	314	523	185	180	365	99	97	196	196	254	450	179	285	464
9:00 AM	173	265	438	177	245	422	115	161	276	151	219	370	143	209	352
10:00 AM	175	224	399	178	285	463	153	188	341	145	185	330	154	209	363
11:00 AM	184	232	416	215	277	492	178	232	410	148	201	349			0
12:00 PM	193	257	450	223	271	494	172	245	417	144	216	360			0
1:00 PM	220	241	461	265	259	524	173	239	412	166	204	370			0
2:00 PM	214	244	458	232	250	482	152	206	358	194	252	446			0
3:00 PM	289	210	499	232	229	461	158	188	346	251	222	473			0
4:00 PM	268	215	483	245	238	483	156	198	354	246	208	454			0
5:00 PM	262	207	469	232	214	446	139	182	321	253	210	463			0
6:00 PM	200	168	368	145	193	338	127	143	270	199	193	392			0
7:00 PM	144	167	311	122	162	274	117	140	257	141	152	293			0
8:00 PM	90	154	244	85	123	208	70	102	172	79	120	199			0
9:00 PM	75	124	199	75	124	199	55	86	141	69	63	132			0
10:00 PM	65	56	121	75	119	194	35	45	80	40	51	91			0
11:00 PM	49	49	98	50	57	107	22	20	42	25	25	50			0
TOTAL	3232	4019	7,251	3,024	3,600	6,624	2,106	2,676	4,782	2,869	3,621	6,490	916	1,579	2,495

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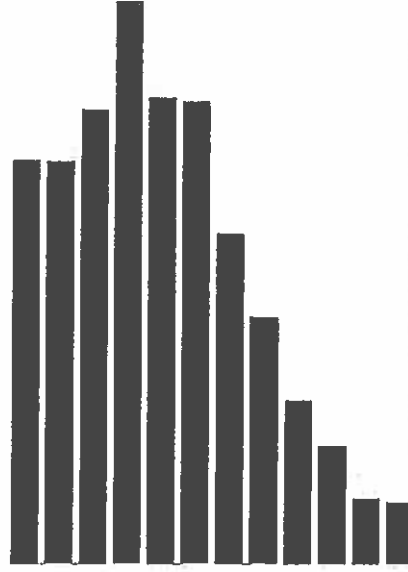
Page 1

Toddy Hill Rd North of Longview Dr
 Newtown, Connecticut

Site Code:
 Station ID: 5143

Latitude: 0' 0.0000 Undefined

Start Time	10-Jun-19 Mon	Northbound	Southbound	Combined Total
12:00 AM		*	*	*
01:00		*	*	*
02:00		*	*	*
03:00		*	*	*
04:00		*	*	*
05:00		*	*	*
06:00		*	*	*
07:00		*	*	*
08:00		*	*	*
09:00		*	*	*
10:00		*	*	*
11:00		*	*	*
12:00 PM		188	205	393
01:00		166	226	392
02:00		185	257	442
03:00		301	247	548
04:00		245	209	454
05:00		248	202	450
06:00		164	158	322
07:00		132	108	240
08:00		64	95	159
09:00		57	58	115
10:00		27	37	64
11:00		34	26	60
Total		1811	1828	3639
Percent		49.8%	50.2%	



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Toddy Hill Rd North of Longview Dr
Newtown, Connecticut

Site Code:
Station ID: 5143

Latitude: 0' 0.0000 Undefined

























Start Time	11-Jun-19 Tue	Northbound	Southbound	Combined Total
12:00 AM		16	12	28
01:00		5	19	24
02:00		2	6	8
03:00		5	7	12
04:00		21	35	56
05:00		75	151	226
06:00		141	295	436
07:00		197	360	557
08:00		182	303	485
09:00		152	263	415
10:00		129	226	355
11:00		171	199	370
12:00 PM		163	248	411
01:00		185	254	439
02:00		214	240	454
03:00		272	230	502
04:00		288	228	516
05:00		253	197	450
06:00		207	208	415
07:00		142	173	315
08:00		99	140	239
09:00		64	70	134
10:00		59	55	114
11:00		19	22	41
Total		3061	3941	7002
Percent		43.7%	56.3%	

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Toddy Hill Rd North of Longview Dr
Newtown, Connecticut

Site Code:
Station ID: 5143

Latitude: 0' 0.0000 Undefined

Start Time	12-Jun-19 Wed	Northbound	Southbound	Combined Total	
12:00 AM		17	13	30	
01:00		4	15	19	
02:00		7	14	21	
03:00		7	11	18	
04:00		20	47	67	
05:00		87	159	246	
06:00		162	295	457	
07:00		193	385	578	
08:00		200	312	512	
09:00		172	247	419	
10:00		142	205	347	
11:00		153	243	396	
12:00 PM		197	241	438	
01:00		205	272	477	
02:00		244	272	516	
03:00		310	235	545	
04:00		267	233	500	
05:00		274	235	509	
06:00		201	210	411	
07:00		174	159	333	
08:00		101	149	250	
09:00		82	62	144	
10:00		53	58	111	
11:00		28	32	60	
Total		3300	4104	7404	
Percent		44.6%	55.4%		

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Toddy Hill Rd North of Longview Dr
 Newtown, Connecticut

Site Code:
 Station ID: 5143

Latitude: 0' 0.0000 Undefined

Start Time	13-Jun-19 Thu	Northbound	Southbound	Combined Total	
12:00 AM		14	16	30	
01:00		6	20	26	
02:00		3	12	15	
03:00		4	14	18	
04:00		22	25	47	
05:00		73	167	240	
06:00		126	289	415	
07:00		152	370	522	
08:00		183	352	535	
09:00		147	233	380	
10:00		131	188	319	
11:00		155	234	389	
12:00 PM		175	189	364	
01:00		192	208	400	
02:00		216	235	451	
03:00		252	240	492	
04:00		257	217	474	
05:00		252	233	485	
06:00		191	209	400	
07:00		129	135	264	
08:00		101	137	238	
09:00		49	89	138	
10:00		52	45	97	
11:00		17	31	48	
Total		2899	3888	6787	
Percent		42.7%	57.3%		

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Toddy Hill Rd North of Longview Dr
Newtown, Connecticut

Site Code:
Station ID: 5143

Latitude: 0' 0.0000 Undefined

Start Time	14-Jun-19 Fri	Northbound	Southbound	Combined Total	
12:00 AM		13	13	26	
01:00		10	24	34	
02:00		5	5	10	
03:00		6	8	14	
04:00		16	30	46	
05:00		78	156	234	
06:00		143	277	420	
07:00		151	379	530	
08:00		209	314	523	
09:00		173	265	438	
10:00		175	224	399	
11:00		184	232	416	
12:00 PM		193	257	450	
01:00		220	241	461	
02:00		214	244	458	
03:00		289	210	499	
04:00		268	215	483	
05:00		262	207	469	
06:00		200	168	368	
07:00		144	167	311	
08:00		90	154	244	
09:00		75	124	199	
10:00		65	56	121	
11:00		49	49	98	
Total		3232	4019	7251	
Percent		44.6%	55.4%		

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Toddy Hill Rd North of Longview Dr
 Newtown, Connecticut

Site Code:
 Station ID: 5143

Latitude: 0' 0.0000 Undefined

Start Time	15-Jun-19 Sat	Northbound	Southbound	Combined Total	
12:00 AM		17	30	47	
01:00		14	18	32	
02:00		5	4	9	
03:00		2	7	9	
04:00		7	13	20	
05:00		48	55	103	
06:00		73	110	183	
07:00		122	147	269	
08:00		185	180	365	
09:00		177	245	422	
10:00		178	285	463	
11:00		215	277	492	
12:00 PM		223	271	494	
01:00		265	259	524	
02:00		232	250	482	
03:00		232	229	461	
04:00		245	238	483	
05:00		232	214	446	
06:00		145	193	338	
07:00		122	152	274	
08:00		85	123	208	
09:00		75	124	199	
10:00		75	119	194	
11:00		50	57	107	
Total		3024	3600	6624	
Percent		45.7%	54.3%		

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Toddy Hill Rd North of Longview Dr
 Newtown, Connecticut

Site Code:
 Station ID: 5143

Latitude: 0' 0.0000 Undefined

Start Time	16-Jun-19 Sun	Northbound	Southbound	Combined Total
12:00 AM		21	27	48
01:00		13	16	29
02:00		8	9	17
03:00		4	4	8
04:00		7	6	13
05:00		14	15	29
06:00		38	41	79
07:00		80	86	166
08:00		99	97	196
09:00		115	161	276
10:00		153	188	341
11:00		178	232	410
12:00 PM		172	245	417
01:00		173	239	412
02:00		152	206	358
03:00		158	188	346
04:00		156	198	354
05:00		139	182	321
06:00		127	143	270
07:00		117	140	257
08:00		70	102	172
09:00		55	86	141
10:00		35	45	80
11:00		22	20	42
Total		2106	2676	4782
Percent		44.0%	56.0%	

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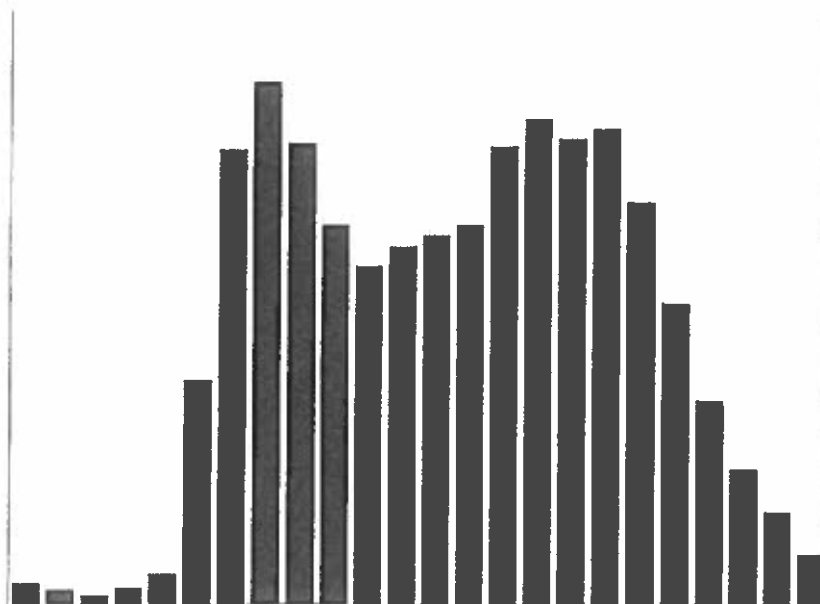
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Toddy Hill Rd North of Longview Dr
 Newtown, Connecticut

Site Code:
 Station ID: 5143

Latitude: 0' 0.0000 Undefined

Start Time	17-Jun-19 Mon	Northbound	Southbound	Combined Total
12:00 AM		11	11	22
01:00		5	10	15
02:00		5	5	10
03:00		7	10	17
04:00		9	22	31
05:00		80	139	219
06:00		152	292	444
07:00		153	357	510
08:00		196	254	450
09:00		151	219	370
10:00		145	185	330
11:00		148	201	349
12:00 PM		144	216	360
01:00		166	204	370
02:00		194	252	446
03:00		251	222	473
04:00		246	208	454
05:00		253	210	463
06:00		199	193	392
07:00		141	152	293
08:00		79	120	199
09:00		69	63	132
10:00		40	51	91
11:00		25	25	50
Total		2869	3621	6490
Percent		44.2%	55.8%	



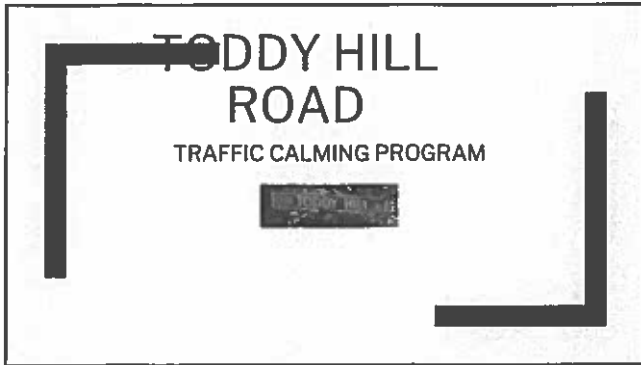
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Toddy Hill Rd North of Longview Dr
 Newtown, Connecticut

Site Code:
 Station ID: 5143

Latitude: 0' 0.0000 Undefined

Start Time	18-Jun-19 Tue	Northbound	Southbound	Combined Total
12:00 AM		14	10	24
01:00		6	28	34
02:00		8	5	13
03:00		2	10	12
04:00		10	33	43
05:00		79	158	237
06:00		137	308	445
07:00		184	324	508
08:00		179	285	464
09:00		143	209	352
10:00		154	209	363
11:00		*	*	*
12:00 PM		*	*	*
01:00		*	*	*
02:00		*	*	*
03:00		*	*	*
04:00		*	*	*
05:00		*	*	*
06:00		*	*	*
07:00		*	*	*
08:00		*	*	*
09:00		*	*	*
10:00		*	*	*
11:00		*	*	*
Total		916	1579	2495
Percent		36.7%	63.3%	
Grand Total		23218	29256	
Percentage		44.2%	55.8%	
ADT		ADT 6,987		AADT 6,987



TODDY HILL ROAD – ROADWAY FEATURES

- Paved, 2-lane Town-owned public high
- Toddy Hill Rd. runs in a North-South direction
- Toddy Hill Road turns into Botsford Hill Road at Button Shop Road
- Toddy Hill Rd. is 2.4 miles long
- Botsford Hill Rd. is 1.1 miles long
- Toddy Hill Rd. has a mix of straight-away sections, curves, and several elevation changes

An aerial photograph showing a road network. A red pin is placed on a road, likely indicating the location of Toddy Hill Road. The map shows various road intersections and surrounding terrain.

TODDY HILL ROAD – ROADWAY FEATURES

- A painted double-yellow line along its entirety was completed after an NPD traffic study of passing issues in 2011 to bring Toddy Hill Road into MUTCD compliance
- State DOT just completed a bridge project to improve the intersection of Toddy Hill Rd. and Rte. 34
- There are 15 roads the enter onto Toddy Hill Road along its length. Nearly half of these roads are dead ends or cul-du-sacs.

An aerial photograph showing a road network. A red pin is placed on a road, likely indicating the location of Toddy Hill Road. The map shows various road intersections and surrounding terrain.

TODDY HILL ROAD – LOCATION AND USAGE

- Classified as a "Class A" roadway – Highly traveled, major arterial roadway
- Classified by State DOT as a "Feeder" road
- Toddy Hill Rd. runs between two major State roads. Toddy Hill Rd. begins at Rte. 34 and links to Rte. 25 by way of Botsford Hill Rd.
- Toddy Hill Rd. is the direct route to lower Fairfield County and I-95 for any vehicles exiting I-84 at exit 11



TODDY HILL ROAD – LOCATION AND USAGE

- Toddy Hill Road is in the vicinity of I-84 exit 11 on ramps and off ramps
- Toddy Hill Road is also in the vicinity of Newtown High School and Wasserman Way (State Road 490)
- Various industrial parks and businesses are on Toddy Hill Rd. or accessed by using Toddy Hill Rd.



TODDY HILL ROAD – LOCATION AND USAGE

- Traveling North to South the following businesses are on or off of Toddy Hill Rd. include:

- Berkshire Veterinary Hospital
- Lenahan Land Clearing (Walsh's Mulch)
- Curtis Packaging
- East Haven Building Supply
- Architectural Glass Industries
- American Stair
- Environmental Energy Services
- Newtown Rehabilitation Center (Masonicare)
- Interstate and Lakeland Lumber
- SMT Corporation
- Wind River Environmental
- United States Post Office (Botsford)



Traffic Feeders

Below are commercial entities which feed the traffic in the Toddy Hill area.



Traffic Feeders

Below are commercial entities which feed the traffic in the Toddy Hill area.



Traffic Feeders

Below are commercial entities which feed the traffic in the Toddy Hill area.



Traffic Feeders

Preferable traffic route from all points south to I-64 and return.



Traffic Feeders

Below are commercial entities which feed the traffic in the Toddy Hill area.



TODDY HILL ROAD – TRAFFIC CALMING

- One of the major goals of the Newtown Police Department is the safe and efficient travel of the motoring public through the Town
- Goal of Traffic Calming is to identify traffic safety issues on a particular road, to address those identified safety concerns utilizing a variety of techniques
- Techniques may include traffic studies, engineering, enforcement, signage, education



TODDY HILL ROAD – TRAFFIC SAFETY ISSUES

- VEHICLE COUNTS (How many vehicles use the road daily)
- SPEED COUNTS (Data gathered by police through stationary speed gathering equipment)
- MOTOR VEHICLE ACCIDENT DATA
- SIGNAGE (Speed Limits, No Thru Trucks, Stop Signs)
- ENFORCEMENT DATA

TODDY HILL ROAD – VEHICLE COUNTS

- 2010 CT DOT indicated average daily traffic was **6,650**
- NPD study 6/7/17 – 6/14/17 indicated an ADT of **6,788**
- NPD study 8/11/17 – 8/18/17 indicated an ADT of **6,459**
- NPD study 10/3/17 – 12/1/17 indicated an ADT of **7,005**
- NPD study 5/1/19 – 5/10/19 indicated an ADT of **3,664 (NB)**
- NPD Study 6/1/19 -6/7/19 **3,585 (NB)**



TODDY HILL ROAD – SPEED COUNTS

- Toddy Hill Rd. has a State DOT approved 30 mph speed limit throughout its length in both directions. (Botsford Hill Rd. has a 35 mph zone)
- NPD Study June 2017 indicated average speed of **39.1 mph** (85th percentile 44.6 mph)
- NPD Study August 2017 indicated average speed of **39.9 mph** (85th percentile 45.1 mph)
- NPD Study 10/3/17 – 12/1/17 indicated an average speed of **33 mph** (85th percentile 38 mph)
- NPD Study 5/1/19 – 5/10/19 indicated and average speed of **33 mph** (85th percentile 38 mph)



TODDY HILL RD –Speed Counts

- NPD Study – 6/01/19 – 6/07/19 Average speed 32.53 mph (85 Percentile 37.75 mph)

TODDY HILL ROAD – ACCIDENT DATA

- 2014 = 15
- 2015 = 12
- 2016 = 16
- 2017 = 15
- 2018 = 13
- 2019 = 5 (thru May)
- No fatalities. Only a handful of injury mvas
- Average MVAs per month is approximately 1.25
- Monthly accidents in relation to amount of traffic: 1.25 mva per 207,000 vehicles



2018 Crash Data Analysis

- Total of 13 Accidents
- 7 of crashes were rear end due to inattentiveness or weather
- 3 Crashes were the result of deer strikes
- 1 was in avoidance of a deer, striking a stone wall
- 1 crash involved a side swipe of a car
- 1 crash involved a car vs. pole attributed to alcohol
- 90% of crashes were during peak commuter traffic hours a.m./p.m.

TODDY HILL ROAD – SPEED LIMIT**SIGNS**

- Currently there are 3 speed limit signs in the southbound lane and 4 speed limit signs in the northbound lane
- Botsford Hill rd. Has 3 speed limit signs (35 mph) in the southbound lane and 2 speed limit signs in the northbound lane.
- A signage study and work order was completed on 5/23/19 which will replace and fix all of the current signs on Toddy Hill Rd. and Botsford Hill Rd.

**SPEED
LIMIT
30**

TODDY HILL ROAD – NO THRU TRUCKS**SIGNS**

- In December of 1999 the State DOT officially designated Toddy Hill Rd. and Botsford Hill Rd. as "No Thru Trucks" zones
- Currently there are 2 "No Thru Trucks" signs on Botsford Hill Rd. approaching the railroad bridge and 2 signs indicating a low bridge (11'-5")
- Currently there is 1 "No Thru Trucks" sign on Toddy Hill Rd. heading south by Little Brook Lane
- Tractor trailers cannot fit under the railroad bridge

**NO
THRU
TRUCKS**

TODDY HILL ROAD – NO THRU TRUCKS**SIGNS**

- According to the DOT..... A "Thru Truck" is a truck which travels from a point outside of the limits of a city in Connecticut through such city without any scheduled stop in such locality. Any truck originating or having a destination within a city where any thru truck prohibition has been established is not subject to such prohibition within that city where the truck originates or has a destination within.
- Police cannot enforce unless they have other probable cause to stop the vehicle and then discover the trucks

**NO
THRU
TRUCKS**

TODDY HILL ROAD – STOP SIGNS

- There are no Stop Signs on Toddy Hill Rd. itself. Stop Signs are erected at the intersections of the roads that empty onto Toddy Hill Rd.
- To date, Toddy Hill Rd. does not qualify to have stop signs erected due to MUTCD guidelines and a low number of "failure to yield" accidents at intersections.
- MUTCD guidelines prohibit Stop Signs from being used for speed control. Traffic engineering study can be completed to confirm.



TODDY HILL ROAD – ENFORCEMENT EFFORTS

- Toddy Hill Rd. traditionally a road on which officers run radar. Various saturation efforts have focused on Toddy Hill over the years.
- 5/2/17 – 5/25/17 = Officers made 124 traffic stops for speed
- 1/31/18 – 2/6/18 = Saturation Speed enforcement effort around in area between Longview Rd. and Settlers Lane. 32.25 manhours, 50 traffic stops consisting of 2 misdemeanors, 23 infractions and 25 warnings.



TODDY HILL ROAD – ENFORCEMENT EFFORTS

- 5/10/19 – 5/23/19 speed initiative
 - 65 directed radar assignments
 - Over 146 motor vehicle stops
 - 82 infractions (avg. speeder 46 mph)
 - 29 written warnings (avg. 42 mph)
 - 37 verbal warnings
 - Toddy Hill Stops accounted for 47% of the total Newtown Police stops during this 2-week time period



TODDY HILL ROAD – ENFORCEMENT EFFORTS

- 2016 222 stops on Toddy Hill rd.
5% of total stops for NPD
- 2017 399 stops on Toddy Hill rd.
10.6% of total stops for NPD
- 2018 336 stops on Toddy Hill rd.
8.3% of total stops for NPD
- 2019 316 stops on Toddy Hill rd.
(YTD) 14.3% of total stops for
NPD (YTD)



TODDY HILL ROAD – TRAFFIC CALMING SOLUTIONS

- Improved signage
- Educating public – media efforts, social, etc
- No Thru Truck enforcement efforts
- Continued speed enforcement
- Installation of speed displays
- Use of travel apps to reduce vehicular traffic such as WAZE
- Continue open communication between residents and law enforcement



TODDY HILL ROAD – TRAFFIC CALMING SOLUTIONS

■ TRAFFIC ENGINEERING STUDY

- A traffic engineering study completed by a competent and experienced traffic engineer is very important as it will include information on road design, site lines, environmental issues, topographical concerns, and can inform decisions on speed limits, necessary signage (such as stop signs) and uses of other traffic calming devices.



QUESTIONS

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Newtown Police Department
203-270-4257
james.viadero@newtown-ct.gov
