



Highway Safety Meeting  
Safety Complex –Torrent Hall  
Tuesday, April 18, 2017  
9:00 am

Chairman David T. Salois

**Present:** Denise OGrady, Public Works Assistant  
David Salois, Chairman, Raymond Police Chief  
Craig Wheeler, Town Manager  
Ernie Creveling, Community Development Director  
David Hall, Building Inspector  
Jerry Zimmer, Community Member at Large  
Steve Brewer, Director of Public Works  
Todd Ledoux, School Maintenance Director  
Don Tenney, Community Member  
Paul Hammond, Deputy Fire Department  
Kevin Pratt, Fire Chief

**Absent:** Selectmen Representative  
Selectmen Representative

**Guests:** Patrick Colburn, Project Manager, Keach Nordstrom Assoc.  
Heather Monticup, Greenman Pedersen Inc.  
Michael Labell, Captain Police Department  
Rick Martel, Resident  
Robert MacDonald, Resident  
Christina Conway, Resident

**Location:** Torrent Hall, 1 Scribner Road, Raymond, NH

**Agenda** **Discuss the Proposed Development of Route 102**

**1. Reports**

None

**2. Unfinished Business**

From Jan. meeting to schedule with the State DOT to discuss several items we've had on the table to include Route 27, Route 102 the speed limit. Have not been provided with a date, yet. As soon as it's clear we will be provided with a date and do a follow up meeting.

**3. Updates**

None

#### 4. New Business

- **Traffic impact review – Chester Road Development**

The Chairman opened the meeting of the Mardan Group at 9 am with a PowerPoint presentation of Route 102 #46 - #48 Chester Road aka Route 102. Also shown was a video of traffic flow at 7:30 am. The posted speed limit in the area is 40 mph. The video was for the Committee to get familiar with the location.

Patrick Colburn, of Keach Nordstrom Associates, the applicants' representative, spoke about the site distance of the new location of the proposed driveway off Route 102 for the new development. The property location is 41 Chester Rd. The road into the development is 25' in width and is proposed to be paved. The main road will be Daisey Way and with 3 separate cul de sacs coming off of it.

The discussion for this meeting focused on school bus stop location and traffic counts. Hoping to leave today with a direction as to what the next step is.

Heather Monticup, of Greenman Pedersen Inc, took over after Patrick speaking on the traffic counts and submission of the driveway permit to the State DOT District 5.

Heather spoke of the Traffic Impact and Access Study approved by NH DOT on March 14, 2017.

Currently there is one house on the proposed site of the new development. There are proposed to be 172 town homes; 43 buildings with 4 units in each building. There will be one driveway off Route 102 west of Brown Road. In the rear of the proposed development there will be a gated road on Genco Way designated as an emergency access point with an Opticom.

When the traffic count was performed on February 1<sup>st</sup>, they used ATR's which are tubes across the road, they were there for 48 hours. With the peak morning hours being 7:15 to 8:15 am and the other peak hours being 4 to 5:15 pm. Heather also reviewed the collision history for that area. There were 3 collisions between 2013 and 2015; 2 at Brown Road and 1 at Park Place. The average speed collected was an average of 38 mph going north and 40 mph going south.

The background development on Blueberry Hill Road has been included in the traffic study.

The site distance for the proposed driveway for this development has the 400' all season site distance in each direction and meets the ASTO site distance requirements.

The trip generation calculations are 80 vehicles per hour in the a.m. and 94 vehicles per hour in the p.m. Using Sensus Data, this breaks down to 50% going north, 40% going south and 10% east.

Again, Heather mentioned the state driveway permit was sent in to Bill O'Donnell at district 5, with all required documents for approval.

Heather checked with the DOT Highway Foreman for the area regarding the weather for the day of the traffic count was performed. It was snowing in the early morning and raining in the afternoon. It started snowing at 3 a.m. and was light snow. If the plows were out when the tubes of the traffic counters were in the road they would have been torn up by the plows and the tubes were not torn up. The count was performed on Tuesday February 1<sup>st</sup> for 48 hours.

The Pine Acres Campground was not opened during the traffic study and the developer did not want to wait until Memorial Day to perform his study. Heather inquired to the Committee if they wanted a count for traffic in this area on a Saturday. As it will be the first week in May since there is school vacation next week.

Campground is made up of 408 Camp Sites. Some are seasonal camp sites. Friday and Sunday have an increase of traffic but those days are not included in study.

Two vehicles per property location leads us to believe that an increase of 344 Vehicles coming out of the development onto Route 27. Heather says that is not accurate. Question regarding traffic study done in May, may pick up higher volumes? Heather says they perform seasonally adjustments for this data.

Additional study areas of intersections that are of a concern were 1.) Route 102 @ Blueberry Hill Road 2.) Route 102 @ Old Fremont Rd. and 3.) East end of Brown Rd.

Route 102 and Brown Road were a main concern. Heather is asking what is it that we are looking to see from studying the intersections? Chairman says for him it's knowing the impact, getting a bigger picture. Knowing how many vehicles will be going thru at a greater depth. We currently have a yield sign at Brown Road and Route 107 and have asked the state for a stop sign. The speed limit has been reduced previously. Already a difficult intersection at old Fremont Road, so with a 10% daily increase will certainly have an additional impact. It would be good to understand the impact on these 3 intersections.

Site distance looking up the hill on Route 102 is a concern.

The developer would be responsible for plowing the property. Maintenance should be done privately down the road thru the association.

### **Residents Questions and Concerns**

Rick Martel says he saw the installation of the box go up just after the storm finished and felt it wasn't up very long. Says there were no cars on the road since it was after a major snow storm. Chairman also has a concern since the schools had a 2 hour delay that morning.

Reginal impact was mentioned in last meeting of 500 or more cars a day. Now 1000 cars a day leaving? That's traffic coming in and out. It was an arbitrary figure used as an example. This project does come out onto a state road and any issues created will be handled locally but is ultimately the Planning Boards decision. Another concern is Londonderry's development of 300 or 400 Holmes and some of that traffic coming onto Route 102. A concern is whether this will be a private road or not? The proposal is for private road.

Robert MacDonald, showed photos of Pond Rd. with tightness of guard rails at 25' and another photo after the snow storm and people can't even walk by. He doesn't see why the development shouldn't have a 50' wide opening.

Christina Conway, doesn't agree with the traffic study. Why out of 12 months of a year was it chosen to be done in February? Her daughter waits at corner of Park Place and Chester Rd. She has tried to get a bus stop sign put in since her daughter was almost hit, more than once. She is now driving her to school. Christina has followed cars just to see how fast they are going and it's more like 50 mph and over. Children are in danger on Chester Road waiting for buses.

Driveway Permit and Road Permit difference? Heather says nothing really.

Geometry of the driveway and referencing the school buses, how that is going to be addressed? Local roads standard width is 24' the site plans are being done at 25'.

Steve Brewer, Director of Public Works inquired to the site distance for the driveway. Heather stated it met ASHTO standards for turning into the driveway and turning out of the driveway. Going 102 south the site distance was 375' and 102 north the site distance was 385'.

The truck versus car stopping ability is the same for site distance. If Aggregate Industries was opened it was included in the study. Heavy vehicle count is anything with more than 4 tires.

Craig Wheeler, Town Manager, questioned 172 units with full build out and 2 vehicles per unit? Heather stated that the Nationwide average is 66 vehicles exiting and 44 vehicles entering.

David Salois, Chair, stated that 1000 trips per day in a 24-hour period is a 10% increase in traffic for this area with this project. Which comes out to a .7 increase in vehicles per minute.

Steve Brewer asked if additional traffic shows in the May traffic study would that changed the traffic counts and Heather stated that was a seasonal adjust already reflected in the recent traffic study.

Seasonal adjust is for 2014 – 2015 is:

2014	weekday	20.8% February
		3% May
2015	weekday	21.1% February
		1.7% May

The Highway Safety Committee has asked the State of NH DOT to change the yield sign and 107 and Brown Road to a stop sign and have asked the State also to reduce the speed on Route 102. The sensitive intersections talked about were getting out of Blueberry Hill Road onto to Route 102, Intersection at 107/102 and the Yield Sign at Brown Road and Route 107.

Jerry Zimmer, resident Committee member, asked if the emergency gate on Geneco would be plowed privately and about the maintenance of the Opticom at this emergency which will be the responsibility of the homeowner's association. He also asked if the relocation of the main driveway coming off of Route 102 when relocated, does it line up with any driveway opposite it on Route 102 and it does not.

Residents questions continued. Rick Martel of 48 Chester Road stated he was snow blowing his driveway he saw a man putting a black box on the telephone pole on February 1st and made eye contact with him and minutes after the snow ended a day or so later he saw the black box was removed and does not believe the counter was there for a 48-hour period. Heather stated the black box counter was there for 48 hours.

This road will always remain private and it was questioned what if the residents of this development do not want it to be private. The developer has before the Planning Board a waiver request to keep it private as the road does not meet ROW, curves, straight line and head in parking as in Town Roads Standards.

Christine Conway of the last house on Geneco does not agree with the traffic study. February is a ridiculous time for a study. She has followed cars on Route 102 and they have exceeded 50 mph.

Todd Ledoux School Rep, stated the school board has not addressed school buses for this development. Currently there are 1 school bus per school on this Route. The developer needs to go before the School Board to address the location of picking up and dropping off students for this development.

Craig Wheeler inquired about trash and postal delivery and the dumpsters will be private and there will be a main location for post boxes contained in this project.

Steve Brewer spoke about what might work safer for this driveway entrance via a power point map. He demonstrated in light yellow (map attached) showing a turning lane, which would require adding pavement to Route 102 when entering the development coming from the downtown area heading towards Chester (south bound) and on the outbound their own turning lane when exiting right. He also demonstrated getting the buses off Route 102 and creating a turning area for them to come and turn around and exit the development.

The Chair then wanted to discuss moving forward and giving comments to the developer's representatives.

**MOTION: A motion was made by Craig Wheeler to revisit the traffic study and include the intersections of Old Fremont Road across from Pine Acres Campground, the east end of Brown Road and the Route 102/Blueberry Hill Road intersection. Ernie Creveling second. All in favor. This motion was then amended to have the new traffic counts be done in May for 48 hours and include a Saturday mid-day.**

Mr. McDonald asked if the resumes of the people who do the study be included in the report.

**MOTION: A motion was made by Ernie Creveling that getting the school bus stop off Route 102 is paramount. This needs to be coordinated with the school board. Jerry Zimmel second. All in favor.**

Patrick Colburn will schedule a meeting with NH DOT District 5 for suggestions for school bus stops.

Craig Wheeler inquired if this private road of the development be patrolled for speed enforcement. David Salois replied there is a statue that he will review regarding this. Maybe the developer will look at traffic calming measures.

**MOTION: A motion was made by David Salois to submit the power point sketch as a conceptual change regarding traffic on Route 102 turning lane as it might be beneficial to the State DOT. Craig Wheeler second. All in favor.**

**5. Adoption/Review of Minutes**

**MOTION: A motion was made by Craig Wheeler to accept the minutes of the January 11, 2017 Highway Safety Meeting as written. Don Tenney second. All in Favor.**

**6. Announcements**

The next meeting is will be announced when the Chair hears back from NH State DOT

**7. Good of the Committee**

None

**8. Adjournment**

**MOTION: A motion was made by David Salois to adjourn the meeting at 10:30 am. Craig Wheeler second. All in favor**

Respectfully submitted,  
Denise OGrady  
Public Works Assistant