

Ref: 8839

June 4, 2021

Ms. Lisa Pearson  
Planning Director  
Town of Salisbury  
5 Beach Road  
Salisbury, MA 01952

Re: Supplemental Traffic Engineering Peer Review  
Meadowview Condominiums – 6 Forest Road  
Salisbury, Massachusetts

Dear Lisa:

Vanasse & Associates, Inc. (VAI) has completed a review of the May 26, 2021 letter from Bayside Engineering pertaining to their evaluation of the intersection of Forest Road at Gerrish Road and the revised Site Plans prepared by Millennium Engineering, Inc.,<sup>1</sup> both of which were submitted on behalf of 6 Forest Road, LLC (the “Applicant”) in support of the proposed Meadowview Condominiums to be located at 6 Forest Road in Salisbury, Massachusetts (hereafter referred to as the “Project”). Based on our review of these materials, we are satisfied that the Applicant has addressed our comments pertaining to the transportation analysis and the Site Plans.

As identified in our April 28, 2021 letter, the final Site Plans should depict the sight triangle areas for the intersection of Forest Road at Meadowview Lane along with a note to indicate: “Signs, landscaping and other features located within sight triangle areas shall be designed, installed and maintained so as not to exceed 2.5-feet in height. Snow windrows located within sight triangle areas that exceed 3.5-feet in height or that would otherwise inhibit sight lines shall be promptly removed.” This should be a condition of any approvals that may be granted for the Project.

The following summarizes our review of the aforementioned materials, with additional comments indicated in **bolded** text for identification.

#### **May 26, 20201 Evaluation of Forest Road at Gerrish Road**

Bayside Engineering provide a review of existing conditions at the intersection of Forest Road at Gerrish Road, including roadway and intersection geometry, motor vehicle crash data and an inventory of traffic control devices. Based on this review the following information was noted with respect to the intersection:

- The overall intersection consists of two separate intersections that are separated by a triangular island on the Forest Road approach that functionally separates left and right-turn movements at the intersection, with the Forest Road approaches under STOP-sign control.

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<sup>1</sup>Site Plans, Meadowview at Salisbury Condominium at 6 Forest Road & Meadowview Lane in Salisbury, MA; Millennium Engineering, Inc.; October 26, 2020, last revised May 27, 2021; Sheets C-8, C-9 and C-10.

- No (0) motor vehicle crashes were reported to have occurred at the intersection between 2015 and 2020 based on data provided by the Salisbury Police Department and confirmed by MassDOT's motor vehicle crash database.
- Roadside vegetation was identified along Gerrish Road to the west of the intersection that obscured visibility of the intersection for eastbound motorists

As a result of these observations, the following recommendations were provided:

1. Trim roadside vegetation on the approaches to the intersection;
2. Install an "Intersection Ahead" warning sign on the Gerrish Road eastbound approach to the intersection; and
3. Maintain/reinstall the STOP-lines on the Forrest Road approaches.

**Comment:** We concur with recommendations that have been provided for improvements to the Forrest Road/Gerrish Road intersection and recommend that the Applicant undertake the improvements as a part of the Project subject to the issuance of all necessary rights, permits and approvals. We note that the Project is expected to add fewer than 10 vehicles to the Forrest Road/Gerrish Road intersection during the peak hours, or less than one vehicle every 6 minutes, a level of impact that would not be perceivable over existing conditions.

#### **May 27, 2021 Revised Site Plans**

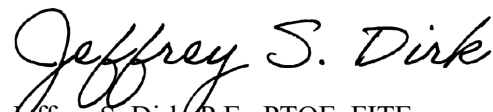
Bayside Engineering provided the Utility Plan & Profile sheets from the May 27, 2021 Revised Site Plans (Sheets C-8, C-9 and C-10) that were prepared by Millennium Engineering, Inc. The revised plans illustrate the changes to the alignment of Meadowview Lane (the Project site roadway) to provide centerline radii along the roadway that are consistent with the design requirements for a 25 mph design speed. The revised roadway design reflects a minimum centerline radius of 175 feet, which is appropriate for a design speed of 25 mph with a 2% cross-slope (superelevation). The subject plan sheets also indicate the Applicant's intent to post a signs indicating a 15 mph speed limit within the development.

**Comment:** We are in agreement with the redesign of Meadowview Lane and offer that the roadway alignment allows for proper vehicle maneuvering and off-tracking at a design speed that is conducive to a residential environment.

This concludes our review of the materials that have been submitted to date in support of the Project. If you should have any questions regarding our review, please feel free to contact me.

Sincerely,

VANASSE & ASSOCIATES, INC.



Jeffrey S. Dirk, P.E., PTOE, FITE  
Managing Partner

*Professional Engineer in CT, MA, ME, NH, RI and VA*

