Vanasse & Associates inc
Transportation Engineers & Planners

35 New England Business Center Drive
Suite 140
Andover, MA 01810

Ref: 9800

February 12, 2025

Ms. Colleen Medeiros, P.E.
Transportation Program Manager *and*
Mr. Jeffrey Ribeiro
Regulatory Planner
Cape Cod Commission
3225 Main Street, P.O. Box 226
Barnstable, MA 02630

Re: Transportation Improvement Program Update
Hanover Apartments Phase II – 35-99 Wilkens Lane (Cape Cod Commission File No. 24026)
Barnstable, Massachusetts

Dear Colleen and Jeffrey:

Vanasse & Associates, Inc. (VAI) is providing an updated response to the suggested enhancements to the transportation improvement program that were identified in the January 23, 2025 Cape Cod Commission Staff Report on the materials that have been submitted as a part of the Development of Reginal Impact filing for the Hanover Apartments Phase II multifamily residential development to be located at 35-99 Wilkens Lane in the Village of Hyannis in the Town of Barnstable, Massachusetts (hereafter referred to as the "Project"). Specifically and as discussed at the February 10, 2025 Subcommittee meeting, the Applicant has agreed to undertake specific improvements at the Attucks Lane/Wilkens Lane and Independence Drive/Attucks Lane intersections that were previously identified as being subject to the use of the congestion mitigation payment that is associated with the Project.

Listed below are the suggested enhancements to the transportation improvement program that were identified in the Staff Report and our updated response on behalf of the Applicant:

Objective TR1

- *Attucks Lane at Bearses Way*

  CCC Recommendation: In addition, consider installation of lane designation signage and restriping of faded lane markings as needed

Response: **The requested enhancements will be added to the intersection improvement program.**

- *Independence Drive at Attucks Lane*

  CCC Recommendation: In addition, consider installation of lane designation signage, and a signal pre-emption system if desired by the Town

Response: **The requested addition of the lane designation signage will be added to the intersection improvement program. If so designed by the Town of Barnstable, the**

Applicant will install a signal pre-emption system at the intersection subject to receipt of all necessary rights, permits and approvals and to the extent that the installation can be accomplished without the replacement or installation of traffic signal poles/posts or mast arms, or the replacement of the traffic signal controller or associated appurtenances.

- *Route 132 at the Route 6 Westbound Ramps*

  CCC Recommendation: In addition, consider installation of lane designation signage

Response: **The requested enhancement will be added to the intersection improvement program.**

- *Route 132 at the Route 6 Eastbound Ramps*

  CCC Recommendation: In addition, consider installation of lane designation signage

Response: **The requested enhancement will be added to the intersection improvement program.**

Finally, based on Staff's observations, it appears that the pavement markings for the entirety of Wilkens Lane may need restriping as they are faded and not reflective. The Applicant should consider the upgrade of the markings along Wilkens Lane as part of their project improvements

Response: **The Applicant will review and upgrade the pavement markings along Wilkens Lane between Attucks Lane and Kids Hill Road as a part of the Project.**

Objective TR2

Adjacent sidewalk infrastructure was also reviewed under Objective TR2 and the following two small sidewalk gaps were noted in the network that are desirable connections that should be considered with the project.

- *An approximate 100-foot sidewalk gap exists the northbound approach of the Attucks Lane and Wilkens Lane intersection which connects to project site to the Festival Shopping Center.*
- *A small sidewalk gap exists along the eastern side of Wilkens Lane just north of Attucks Lane.*

Response: **Subject to receipt of all necessary rights, permits and approvals, the Applicant will design and construct the sidewalk connection along the eastern side of Wilkens Lane just north of Attucks Lane. The sidewalk connection to the Festival Shopping Center would occur on private property that is not under the ownership or control the Applicant and, while desirable, cannot be advanced as a part of the Project.**

Objective TR3

Additionally, the Applicant may also want to consider the following signal improvements for the Attucks Lane and Wilkens Lane intersection as this intersection will experience the greatest increase in traffic volumes. The signal improvements are intended to incorporate the latest signal technology and safety countermeasures, such as:

- *Flashing Yellow Arrow signal heads for permissive left turns*

- *Audible pedestrian signals*
- *Installation of lane usage signage*
- *Consideration of protected left turn signal phasing*

Response: **Subject to receipt of all necessary rights, permits and approvals, the Applicant will design and construct the suggested enhancements to the traffic signal at the Attucks Lane/Wilkens Lane intersection to the extent that improvements can be completed without the replacement or installation of traffic signal poles/posts or mast arms, or the modification or replacement of the traffic signal controller or associated appurtenances.**

We trust that this updated information is responsive to the suggested enhancements to the transportation improvement program for the Project that were identified in the January 23, 2025 Staff Report. If you should have any questions, please feel free to contact me.

Sincerely,

VANASSE & ASSOCIATES, INC.

Jeffrey S. Dirk

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

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

JSD/jsd