

May 23, 2023

Mr. Mark Wujtewicz
Town Planner
Town of Waterford
15 Rope Ferry Road
Waterford, CT 06385

SLR Project No.: 141.13104.00017

RE: Proposed Waterford Central Residential Development Peer Review

Dear Mr. Wujtewicz:

As requested, SLR International Corporation (SLR) has reviewed the Traffic Impact and Access Study (TIA) dated March 17, 2023, prepared by VHB for the Proposed Residential Development to be located on Willetts Avenue in Waterford, Connecticut. The complete comments letter will be sent out next week. Our preliminary comments are listed below:

REVIEW COMMENTS

Please find our preliminary comments below regarding the *TIA* for the proposed development of 216 residential units with a variety of one-bedroom and two-bedroom units and approximately 305 parking spaces.

- C1. The crash data represents the most recent three years (2020-2022), which includes the period at the height of the pandemic. Crash Data Analysis should be revised to include the recent **five** years of data and the exact dates of analysis should be mentioned in the report.
- C2. Nearly 67% of the crashes were rear-end crashes. Reasoning must be provided regarding the occurrence of such crashes and whether it is related to the visibility of the signal heads? Standard 'Intersection Ahead' warning signs are recommended on all approaches.
- C3. Please provide an explanation on why no other intersections upstream/downstream on Boston Post Road were analyzed as part of this study? Since, multiple high traffic generators exist within 0.25 mile of the analyzed intersection.
- C4. The 24-hour temporal distribution of the traffic volume data from the ATRs should be included in the report and the morning and afternoon peak hours should be marked to distinct the peak hours.
- C5. Qualitative construction analysis and discussion should be included in the report, which mainly discusses the number of workers on-site, hours of operation, number of trucks in and out of the site,

number of cars/vehicles on-site and the parking situation for the vehicles on-site, during the construction phase.

C6. The discussion on internal site circulation for school-buses and the pedestrian connections that are provided on-site should be included in the report.

C7. An explanation should be provided on how the journey-to-work data has been combined with the existing travel patterns to arrive at the site traffic distribution.

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C9. The communication with CTDOT and the Town of Waterford regarding the traffic growth rate and background traffic from nearby developments should be attached to the report.

C10. The communication with CTDOT and the Town of Waterford regarding the traffic growth rate and background traffic from nearby developments should be attached to the report.

C11. What is the timeline of the of the improvements proposed at the signalized intersection of Boston Post Road at Willetts Avenue/Private Driveway as compared to the timeline of the proposed development? Please include in the report the phasing and signal timing changes proposed to the as part of the alternative analysis.

We look forward to your responses to our comments. Please let the undersigned know if you have any questions or need additional information.

Regards,

SLR International Corporation



Anthony Russo
Regional Manager – Highways & Transportation Planning



David G. Sullivan, PE
US Manager of Traffic & Transportation Planning

