

**STATE OF NEW HAMPSHIRE**  
**INTRA-DEPARTMENT COMMUNICATION**

**DATE:** 12/3/2021

**FROM:** *G. S. Thompson, PE*  
 Traffic Research Engineer

**AT (OFFICE):**  
 Department of Transportation  
 Bureau of Traffic

**SUBJECT:** Traffic Impact Study - Review

**TO:** James McMahon III, District 1

Name of Facility	<u>Granite State Landfill Development</u>
Location	<u>Dalton</u>
Consultant	<u>CMA &amp; TYLIN</u>
Report Date(s)	<u>7/21/2021</u>
Received by Traffic	<u>9/17/2021</u>

This section has completed its review of the above referenced Traffic Impact and Access Study (TIAS). This review pertains only to the methodology and adequacy of the projected traffic volumes, and does not imply approval of the proposal. You (District) and/or Highway Design will be reviewing the mitigation, site access plans and other elements of the Driveway rules pursuant to this evaluation.

The traffic volumes for this traffic study are:

<input type="checkbox"/>	Acceptable, and may be used for Design purposes.
<input type="checkbox"/>	Acceptable, and may be used for Design purposes; however, the comments below should be noted by the District and/or Design.
<input checked="" type="checkbox"/>	Not acceptable. The consultant should respond to the comments below.

The consultant should respond to the following:

- 2036 Future year No Build: Applied an extra 5 years of growth to numerous movements in the PM peak hour. The result is slightly conservative (5 percent high) volumes in the 2036 PM peak hour condition.
- 2036 Future year Build: The error of the additional five years of growth (1 percent annually) for numerous movements during the PM Peak hour was carried through into the Build networks resulting in a numerous movement being approximately 5 percent overly conservative.
- Capacity Analysis (volume input): OK with the following input errors at the intersection of US3 at NH 116:

- 2026 AM No Build - SE TH volume input as 211 (which is the PM volume) instead of 269
- 2026 AM Build - SE TH volume input as 211 (which is the PM volume) instead of 269
- Turn Lane Warrants Analysis (volume input):
  - NH 116 at Douglas Drive - Right turn (deceleration) lane proposed, but analysis not provided.
  - US 3 at NH 116 – Turn lane warrants not provided as requested at the scoping meeting and in the Bureau of Traffic comments (12/29/2020).

Note:

- Please include in the response letter a description of how the comments were addressed, so that the reviewer can quickly check the revised portion of the report.
- It is expected that the Study will be resubmitted in its entirety, with the changes made, so that there is a complete and correct record copy.
- The revised Study will be reviewed by Bureau of Traffic in the order it was received from the District, and will not be prioritized ahead of initial submissions for other developments.

cc: J. Marshall, Bureau of Highway Design; C. Dobbins, Bureau of Highway Maintenance  
J. Butler, Bureau of Highway Design; M. O'Donnell, Bureau of Traffic; I. Wong, Bureau of Traffic;  
and File