

7/31/2020 Email from Norm Baldwin, City Engineer

Susan,

We absolutely need more information.

- Do we have a TIS or statement from their Traffic Engineer that provides the existing condition during the corresponding time of day these events will occur?
- We need to know what is the baseline volumes of traffic at that time to understand the scale of volume of traffic being introduced as a percentage
- how does it affect operational performance of the adjacent intersections.
- Should we expect a sudden surge of vehicles coming and going at the same time.
- Are they using some means of spreading out this traffic through secondary events beginning and end that temper traffic volumes.
- I think three people per vehicle under-estimates the volume of traffic introduced. Perhaps a happy medium of 2.5 per vehicle works.

Thanks

From: Susan Molzon <smolzon@burlingtonvt.gov>

Sent: Thursday, July 30, 2020 1:25 PM

To: Scott Gustin <SGustin@burlingtonvt.gov>; Norm Baldwin <nbaldwin@burlingtonvt.gov>

Cc: Laura Wheelock <lwheelock@burlingtonvt.gov>; Caleb Manna <cmanna@burlingtonvt.gov>

Subject: RE: Burton

Hi,

Here's my quick analysis:

- The traffic study prepared by VHB reflects an assumption of 3 persons per vehicle for the performing arts space. With 300 occupants, that translates to 100 additional vehicles during daytime use (with enter/exit that is 200 vehicles on adjacent streets). This doesn't seem like a lot, but could be a noticeable increase to the AADT on Home Ave. Depending on the types of events to be held during the daytime, the assumption of 3 persons per vehicle may be too aggressive.
- I'd like to hear from Burton and their traffic engineer what their assumptions are for daytime use and trip generation as well as distribution of trips throughout the street network both during AM/PM peak and total throughout the daytime use.
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Unless Norm feels otherwise about allowing or restricting this daytime use, I think we need more information and analysis from Burton to understand this impact.

Thanks,
Susan

From: Scott Gustin <SGustin@burlingtonvt.gov>

Sent: Wednesday, July 29, 2020 8:55 AM

To: Susan Molzon <smolzon@burlingtonvt.gov>

Cc: Norm Baldwin <nbaldwin@burlingtonvt.gov>; Laura Wheelock <lwheelock@burlingtonvt.gov>; Caleb Manna <cmanna@burlingtonvt.gov>

Subject: RE: Burton

Hi Susan,

The applicants are requesting daytime use of the proposed venue but will limit events to 300 patrons (as opposed to the 1,500 maximum capacity). DPW's comments request no venue-related traffic until after 6:30 PM. Is this limited daytime use of the venue acceptable on your end?

Scott

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