

Carey Certo

From: Karin Nosrati, DC <bforback@gmail.com>
Sent: Friday, December 6, 2024 11:40 AM
To: Community Development Email
Subject: Fwd: Just FYI- response from Charbonneau to your assessment

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Hi, Carey,

Below please find the response from V-Naught, the traffic engineers who analysed the traffic study by Charbonneau, responding to Charbonneau's comment letter.

Please enter this email as an exhibit and confirm receipt.

Thank you,

Karin

----- Forwarded message -----

From: V-Naught Traffic Solutions <info@vnaught.com>
Date: Thu, Dec 5, 2024 at 3:11 PM
Subject: Re: Just FYI- response from Charbonneau to your assessment
To: Randy Nosrati <randynos1@gmail.com>
Cc: Karin Nosrati, DC <bforback@gmail.com>, Mike Ogden <mogden@westernconstruction.com>, Lisa Ogden <lisaogden.11@gmail.com>

Hi there,

I performed a quick review of their responses. It appears that some of the comments were addressed while others they are not willing to address. I would recommend following up with the City on these responses and ask for a more thorough study. I can pick apart the TIS, but at the end of the day the City needs to decide if it's adequate. I think Global Transportation Engineering and our assessment are in line with each other so that's telling. Here are my comments on their responses:

- 2: Is it a permitted outright use?
- 4: Mitigation wasn't recommended but it should be and that's why there should be a section here & Access spacing should be questioned with the City
- 5: Speed is a concern here based on the geometry of NE 13th and the nearby intersection & A speed study/24 hour count would serve as additional evidence for an access exception they're asking for
- 6: The descriptions are incorrect or incomplete in the TIS and should be reevaluated
- 8: The response states that the "...developer has no other options..." which I think can be questioned. How could the site be reimagined so access was on Friberg-Strunk instead?

- 10: Ask to see the data, the time(s) at which the data was collected, and the model results using the new data - does this include the hour overlapping school and PM traffic?
- 11: 2% may be an ok long term estimate for an established area but it still seems low for this area, so I would push back on this and request to the city that an accurate growth rate is used
- 14: The neighbors can take video during am and pm peak hours listed in this response to provide proof to the city if you think this response is inaccurate
- 15: I would recommend asking for a speed study and a decision sight distance study and using the 85th and 95th percentile speeds - I'm assuming most people are traveling over the speed limit here
- 19: I see where I was looking at the wrong sheet for this comment. However, the model, which is based on data and assumptions I have low confidence in, still puts the 95th percentile queue EB in model year 2023 for the signal near the site right about where the existing driveway is (page 155). The model shows in model year 2026 that the EB 95th percentile queuing increases to ~100ft (page 161) longer than model year 2023. The left turn lane may help drivers entering the site, but drivers exiting may have a difficult time during peak hours . The model shows an assumed gap between vehicles required ~6s for a two-way road with a 5 lane cross section (page 134), that seems difficult with two through vehicle lanes, a bike lane, WB left turn lane into the site and EB right turn lane plus any sidewalk activity. The delay for drivers exiting the site shown on pages 134 and 142 are also concerning - 31.1s each driver for 81 drivers an hour. With a 95th %tile queue of 1.8 vehicles out of the site. It may be difficult to access the site based on these numbers.

I hope this is helpful, please let me know you need any additional support.

Thanks,

Mark Haines, PE, PTOE

Principal

V-Naught Traffic Solutions

	971.317.8668
	info@vnaught.com
	www.vnaught.com

On Thu, Dec 5, 2024 at 8:17 AM Randy Nosrati <randynos1@gmail.com> wrote:

Hi Mark,

We need to correspond to the City by tomorrow, 12/6/2024.

Could you please let us know if the responses from Charbonneau are not accurate or justifies further clarification from them?

I am not sure if we did not have enough time to do our due diligence or the response from them in the attached is not valid?!

Thanks for your help,

Randy Nosrati
(360) 954-6757

On Wed, Dec 4, 2024 at 11:56 PM Karin Nosrati, DC <bforback@gmail.com> wrote:

Hi, Mark,

We saw that the developer had requested a response from Charbonneau. I am attaching it for your reference.

Thanks for everything,

Karin Nosrati