

From: [Tom Bigelow](#)
To: [Valerie Oorthuys](#)
Cc: [Malcolm Ragan](#); [Stephen Sacco](#); [22094 Stow Route 117 Hudson Road Intersection Improvements](#)
Subject: Hudson Road - Gas Station Left Turn Restrictions
Date: Friday, December 9, 2022 4:21:30 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)
[22094 Gas Station Great Road Entrance Modification.pdf](#)

Hi Valerie

As discussed at our meeting last month to review the Hudson Road Concept Memo, we have evaluated modifications to the gas station access on Great Road. The attached pdf depicts an island that we evaluated to restrict left turn movements into and out of the driveway. A pedestrian path is provided through the island. The remaining sheets are turning movements for a gas tanker, passenger car and single unit truck. To allow fuel deliveries to be completed as they are today, the island would have to be mountable. As demonstrated in the attachment, any vehicle larger than a passenger vehicle will need to mount the island. We considered making the island smaller, but that will diminish the effect of dissuading left turn movements of passenger cars.

The impact on turn movements for larger vehicles may impact the gas station's operations. Single unit trucks are likely a common vehicle stopping at the gas station and they may avoid the station due to the island. The mountable island may also give pedestrians a false impression that it is a refuge, when it is in fact a mountable island. Our recommendation is to leave the driveway as it is today and evaluate enhanced signage and pavement markings to restrict the left turn movements. Any restriction should be discussed with the owners, as it may impact their business operations.

If you wish, we can have a quick meeting to discuss this in more detail and decide if this is something that should be mentioned in our Selectboard presentation.

Have a great weekend.

Thanks
Tom

Thomas Bigelow, P.E (NH, VT)

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We've moved! Please note our new address:

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