

May 13, 2025

Town of Moreau Planning Board
352 Reynolds Road
Moreau, NY 12828

Re: Mr. Bill's Carhop
Proposed Drive-Thru Addition
Transportation Assessment

Dear Chairman Arnold:

We have completed our transportation assessment of the proposed drive-thru for Mr. Bill's Carhop located at 1720 Route 9 in South Glens Falls, NY. Below is a summary of our findings.

Project Background

The proposed project involves the addition of a drive-thru at Mr. Bill's Carhop. The proposed site plan is illustrated in Figure 1 below.

Figure 1





The site is currently serviced by two full access driveways onto US Route 9 that allow vehicles to enter and exit the site from both driveways. With the addition of the proposed drive-thru, access to Mr. Bill's Carhop will be altered to only allow vehicles to enter at the southerly driveway and only allow vehicles to exit at the northerly driveway, with one-way circulation around the site.

Review of traffic volumes collected by the New York State Department of Transportation (NYSDOT) in April 2025 for US Route 9 shows that it carries approximately 11,700 vehicles per day with peak hour volumes of approximately 450 vehicles per hour in each direction between 4:00 and 5:00 pm.

Review of crash data collected by the NYSDOT for the time period between 9/30/2021 and 9/30/2024 (most recent time period that crash data is available), there was only one crash related to Mr. Bill's Carhop. This crash involved a vehicle exiting the southern driveway and traveling diagonally to an establishment on the opposite side of the road. No other crashes were reported.

Transportation Assessment

According to representatives from Mr. Bill's Carhop, their peak time of day is from 5:30 to 8:00 pm when they do approximately 55% of their business. During a typical day, they will have approximately 150 orders during this 2 ½ hour period which is the equivalent of approximately 60 orders per hour. It is estimated that the addition of the drive-thru will increase sales by 10-20% which is the equivalent of 6-12 additional orders per hour. Given the peak time of travel is 4-5pm on US Route 9, traffic flow on Route 9 will be less during the peak time of operation for Mr. Bill's. The NYSDOT traffic data shows that traffic decreases between 25% and 50% between 6pm and 8pm on US Route 9. Consequently, the expected additional traffic due to the drive-thru will have little to no impact on traffic flow and operations and it can be concluded that there will not be significant adverse traffic operational impacts.

The change in site circulation will likely improve the safety of the site by reducing the number of full access driveways. The creation of a one-way circulation pattern will concentrate all exiting traffic at one location and all entering traffic at another driveway as opposed to the two full access driveways that exist now. Drivers on US Route 9 will only have to be concerned with traffic entering the site at one location and exiting traffic at one location which makes for a safer driveway configuration. Further, there is no pattern of crashes at the Mr. Bill's Carhop driveways that would be a cause for concern with an increase in driveway traffic. Due to the relatively low volumes of traffic entering and exiting the site in combination with lower volumes on US Route 9, it is not likely that concentrating



entering traffic at one driveway and exiting traffic at another driveway will impact traffic operations.

We have also reviewed the site circulation and there is enough space to queue approximately 12 vehicles on site to use the drive-thru. It is our opinion that there is more than enough room on-site to accommodate drive-thru vehicles without the queue extending onto US Route 9.

This study has been conducted for the Mr. Bills Carhop to assess the transportation and safety impacts relative to the addition of a drive-thru to the building. This assessment concludes that there will not be any significant adverse transportation or safety impacts due to the project.

Should you have any questions regarding the findings of this assessment, please do not hesitate to call.

Sincerely,

FISHER ASSOCIATES, P.E., L.S., L.A., D.P.C.

Timothy R. Faulkner, P.E.
Senior Transportation Manager