



April 30, 2021

Philip Greal, PH.D., P.E.
Colliers Engineering
400 Columbus Avenue, Suite 180E
Valhalla, NY 10595

Re: **NYSDOT SEQRA# 20-004 Gasland Route 9
2357-2367 Route 9D, Town of Wappinger
Dutchess County**

Dear Mr. Greal:

The New York State Department of Transportation (NYSDOT) has received a new submission for the Gasland project on Route 9D. Please review the following comments and update the plans accordingly.

1. The intersection of Route 9D and New Hamburg Road/Old Hopewell Road (CR28) suffers poor LOS and long queues on all approaches throughout much of the day, particularly during peak hour periods. As traffic continues to grow, the State will be forced to dedicate additional green time to the Route 9D through traffic and the overall intersection LOS will continue to deteriorate. Additional NB left turns generated by the gas station, and pedestrian phase(s) added at the signal, will contribute to further operational deterioration. Given the existing building constraints on the other three corners of the intersection, the only operational improvement which appears to be feasible would be to shift the New Hamburg Road leg of the intersection to the northeast. This would allow the County Road through movements to operate concurrently and provide some significant operational improvement. The only mitigation available at this intersection is an operational mitigation to maintain or improve the LOS, already at service level D. The other three legs of the intersection may be limited for improvements due to possibility the homes are listed as historic buildings. **For these concerns, the NYSDOT strongly recommends that the proposed gas station building be located further from New Hamburg Road and that an additional property on the northern New Hamburg Road frontage be dedicated to Dutchess County for future intersection realignment.**
2. Please show on the plans the proposed location of existing right of way (ROW) vs the proposed ROW for the land donation for the sidewalk.
3. Additionally, the highway boundary along CR28 will need to be shown clearly on the plans and verified by a licensed surveyor. CR28 may have been constructed as a turnpike with the 66ft ROW requirement.
4. The proposed stone wall on the intersection corner and at the seating area should be eliminated.
5. Exit driveway width should be reduced to 16 to 18 ft.

6. Cast in Place Curb detail should have a minimum width of 7 in as shown on detail 12 on page C530. Please review standard sheet https://www.dot.ny.gov/main/business-center/engineering/cadd-info/drawings/standard-sheets-us-repository/609-03_010809_e1.pdf
7. Pedestrian curb ramps need to mark with NYSDOT standard curb ramps.
8. LS crosswalk does not match NYSDOT standard sheet 685-1, please update to our standard crosswalk detail. https://www.dot.ny.gov/main/business-center/engineering/cadd-info/drawings/standard-sheets-us-repository/685-01_210501.pdf
9. If we do have a crosswalk crossing New Hamburg Road, then we will need Pedestrians timing and pedestrians signal heads.
10. Confirm that an appropriate landing area exists at the south side of the proposed crosswalk.
11. Planting within the median should be limited to plants below 2ft from the top of pavement so it will not affect drivers site distance. Preferable no plants should be plant in the median.
12. NTSDOT approved items will need to be labeled.
13. Signal equipment improvements are still being discussed and will be determined during the highway work permit process.
14. When working within 300 ft of a traffic signal: All pullboxes, conduits, and traffic signal equipment must be shown on the plans. Plans shall adhere to requirements for the design and construction of underground utility installations within the state highway right-of way (Blue Book), section 2.03.01.
15. **Maintaining Traffic Signal Note:** Contractor shall adhere to the NYSDOT Standard Specifications Section 619. Per 619-3.17; Maintain or Modify Traffic Signal Equipment, Contractor shall provide a traffic signal repair personnel and telephone number to the Engineer. Additionally, the contractor is required to provide the name and contact information five (5) working days prior to beginning work within 300ft of an existing traffic signal. Work shall not commence until the Engineer has been give the contact information. All requirements under 619 regarding Maintaining or Modify Traffic Signal Equipment and if necessary, Temporary Traffic Signal shall apply to this project.

Jason Brenner

Assistant Engineer

New York State Department of Transportation, Hudson Valley

Traffic & Safety Group

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cc: Cassandra Bibbo, Permit Engineer, Residency 8-3
Gasland Petroleum
Town of Wappingers Planning Board
Dutchess County Planning Board