

July 23, 2025

Village of Aurora  
Attn: Shirley Egan  
456 Main St  
Aurora, NY 13026

RE: Aurora Historical Society  
302 Main Street  
Aurora, New York  
INTERSECTION SITE DISTANCE ASSESSMENT  
Project No.: 2025558G

To Whom it May Concern:

As requested, M&P Engineering & Land Surveying (M&P) has visited the above-referenced property located in the Village of Aurora and evaluated the available sight distance at the intersection of New York State Route 90 (NY Rte. 90, or Main Street) and Dublin Hill Road. The objective was to determine the potential impact on the line of sight in the southern direction at the subject intersection relative to a proposal for restoring a historical building by adding a 6 ½-foot-wide porch onto the front (see attached sketch).

For clarity, according to New York State Department of Transportation (NYSDOT) standards, Dublin Hill Road is considered a stop-controlled minor road and Main Street is considered the major road. The posted speed limit on Main Street is 30 miles per hour (mph). For this assessment, an evaluation speed of 35 mph was considered.

According to the American Association of State Highway and Transportation Officials (AASHTO) - *Geometric Design of Highways and Streets*, "field observations of vehicle stopping positions found that, where necessary, drivers will stop with the front of their vehicle 6 ½-feet or less from the edge of the major road travelled way." For a vehicle entering Main Street from Dublin Hill Road, the controlling maneuver is a left turn from a stop and the recommended intersection line of sight distance is 390 feet. Based on observations of traffic patterns and field measurements, the available sight distance to the south is over 400 feet.

The physical site constraints that limit the line of sight, for a left-hand turn, are the existing street trees and a utility pole. The proposed porch does not appear to interfere with the line of sight relative to the road surface (see attached). The departure sight triangle to the right is already reduced due to an existing building (address #308 Main Street.), forcing cars to come to a full stop on Dublin Hill Road at the curb line of Main Street. At that pre-existing decision point, the addition of a 6 ½-



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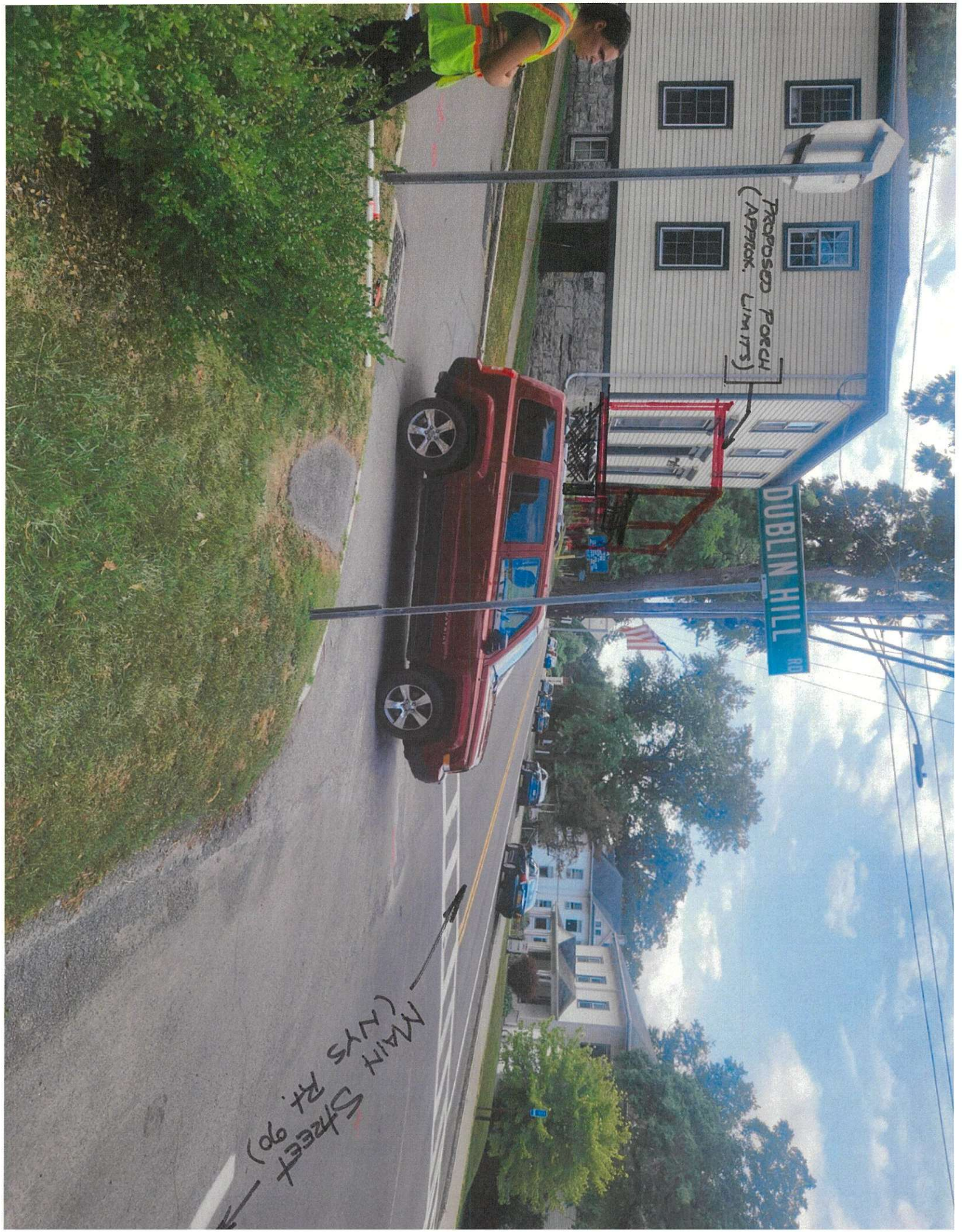
foot porch on the front of building # 302 does not encumber the sight distance to the left for cars on Dublin Hill Road that are turning onto Main Street. We believe these considerations are the reason NYSDOT has already given their approval for a highway work permit. If you have any questions, please do not hesitate to call.

Sincerely,

A handwritten signature in dark ink, appearing to read 'Michael Olszewski'.

Michael Olszewski, P.E.





Proposed Porch  
(Approx. Limits)

DUBLIN HILL  
RD

Main Street  
(NYS Rt. 90)