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BROOKER ENGINEERING

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February 28, 2024

Village of Wesley Hills VILLAGE OF WESLEY HILLS
432 Route 306
Wesley Hills, New York 10952

Attn: Camille Guido-Downey, Village Clerk Treasurer

Re: Skylark & Harriet Road Sign Placement
Preliminary Review

Dear Ms. Guido-Downey,

Our office has reviewed the request for a traffic sign placement plan at the tee-intersection of Skylark Drive and Harriet Lane in the Village of Wesley Hills. The Village had provided a voicemail from a resident requesting a yield sign for the vehicles traveling eastbound on Skylark Drive because traffic immediately turns left onto Harriet Lane without hinderance, causing issues for the residents on Harriet Lane. A site visit was last performed on February 21, 2024. Skylark Drive has an approximate slope of 6% as the road approaches its intersection with Harriet Lane. The Sight distance is slightly hindered for vehicles traveling eastbound on Skylark Drive when looking north due to the front yard slope at #5 Harriet Lane and the slight curve in Harriet Lane north of the subject intersection. Photographs displaying the sight distance are attached to this review on Pages 2-3. The Harriet Lane cul-de-sac serves five residential homes. Based on the submitted resident's request, Harriet Lane serves a relatively large amount of traffic; however, it appears Skylark Drive is where majority of traffic is generated for this intersection. It appears that the surrounding intersections in the adjacent neighborhoods are also unsigned under existing conditions. Based on our preliminary review, in order to safely facilitate traffic through this intersection, we believe that signage should be implemented for all three travel lanes. Our preliminary review has resulted in the following recommendations:

Sign for traffic traveling northbound from Harriet Lane Cul-de-sac:

The Harriet Lane cul-de-sac serves five residential homes. A "Stop" sign supplemented with an "All Way" sign should be placed approximately 10' south of the edge of the eastbound travel lane on Skylark Drive.

Sign for traffic traveling southbound on Harriet Lane:

A "Stop" sign supplemented with an "All Way" sign should be placed approximately 20' north of the edge of the westbound travel lane on Skylark Drive. This stop sign should be setback this distance to allow for vehicles traveling eastbound on Skylark to have a sufficient turning radius while turning onto Harriet Lane.

Sign for traffic traveling eastbound on Skylark Drive:

A "Stop" sign supplemented with an "All Way" sign should be placed approximately 15' west of the edge of the southbound travel lane on Harriet Lane.

A preliminary Sign Placement Plan is attached to this review outlining the locations of the proposed improvements. If you have any comments or questions, our office is available to discuss prior to finalizing the plan.

Sincerely,

Devon Palmieri

WESTON & SAMPSON, PE, LS, LA, Architects, PC
Devon Palmieri, EIT
Engineer III

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(1) View southbound on Harriet Lane



(2) Sight distance looking west to Skylark



(3) View northbound on Harriet Lane



(4) Sight distance looking west to Skylark



(5) View eastbound on Skylark Drive



(6) Limited sight distance northeast toward Harriet Lane



(7) Sight distance looking south to Harriet



(8) Sight distance looking north to Harriet

