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## MEMORANDUM

TO: Frank A. Filiciotto, P.E. DATE: January 20, 2025

FROM: Brian Dempsey, P.E., PTOE, RSP1 RE: Union Road Townhomes

Brian Haggarty, EIT Sight Distance Pictures

As requested, DTS Provident Design Engineering (DTS Provident) has performed an additional site visit to obtain photos of the necessary vegetation clearance as well as the sight distance photos for both driveways of the proposed Union Road Townhomes Project. As was illustrated on the Sight Distance Plans previously submitted (also attached to this memorandum for reference), vegetation will need to be cleared on portions of the east side of Union Road.

For the sight distance photos (contained in a separate file due to file size), DTS Provident followed the AASHTO Sight Line Criteria Diagrams. Select photos were taken and numbered for both driveways as follows:

- 1. Exiting Sight Line 14.5' from the edge of travel way looking right to the approaching vehicle.
- 2. Exiting Sight Line 14.5' from the edge of travel way looking left to the approaching vehicle.
- 3. Rear end sight line for the left turn entering vehicle from a vehicle approaching from the same direction.
- 4. Sight line from the left turn entering vehicle to a vehicle approaching from the opposite direction.
- 5. Rear end sight line for the right turn entering vehicle from a vehicle approaching from the same direction.

Photos 1 thru 5 are for the emergency access driveway and photos 6 thru 10 are for the main access driveway. All proper sight lines are obtainable with the recommended vegetation clearance. Additional photos are also included of the vegetation to be removed at approximately 50-foot intervals shown in photos 11 thru 33. For the main Site Driveway, clearance will be required at the Driveway as well as on both sides of the right-of-way. For the emergency Site Driveway, the only clearance is at the Driveway itself as there is sufficient visibility in each direction. The remaining photos are extra and just provided for reference purposes.



Regarding the schedule for clearance, the majority of the clearance will occur early during the construction phase to ensure that there is sufficient sight distance for the Site Driveway during the construction phase as well as during the operation of the Project.