

Example 1 – Neighborhoods with Limited Use and Conditional Use Streetlights

In Neelsville, near the Montgomery College Germantown Campus, col de sacs have been built off primary roads.

- The green dots show streetlights taller than 22 feet and at least 30 feet from houses that under ZTA 18-11, could be replaced as a Limited Use, *i.e.*, with a compliance review and permit, but without an additional zoning hearing. The replacement pole could be up to 6 feet taller than the current streetlight, but it may also be possible to install new antennas on a new stronger replacement pole without increasing the pole height.
- The orange dots shows streetlights shorter than 22 feet but at least 30 feet from houses that under ZTA 18-11, would require zoning approval and a zoning hearing to replace and add new antennas to.
- The brown dots show poles that are less than 22 feet tall, but closer than 30 feet. The zoning Hearing Examiner would only allow use of these poles if there is no pole nearby that is at least 30 feet from homes. Since there are so many other pole nearby that meet the setback, the Hearing Examiner would be unlikely to approve use of pole closer than 30 feet to a house. (The blue dots are poles that cannot be used under any circumstances.)

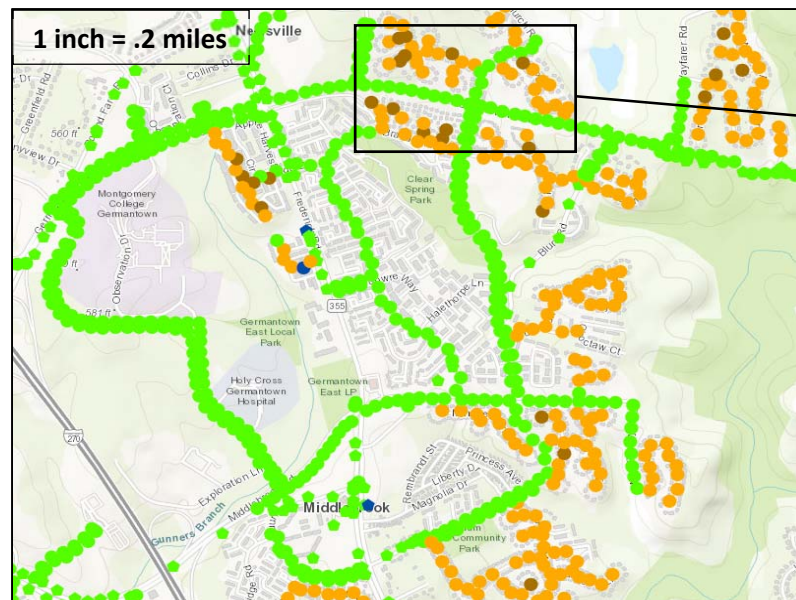


Figure 1 Germantown – Neelsville and Middletown

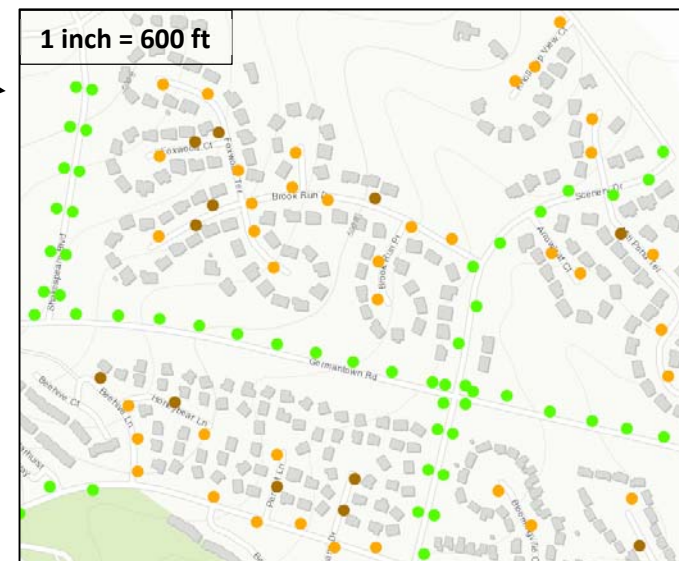


Figure 2 Close up of Neelsville Neighborhood

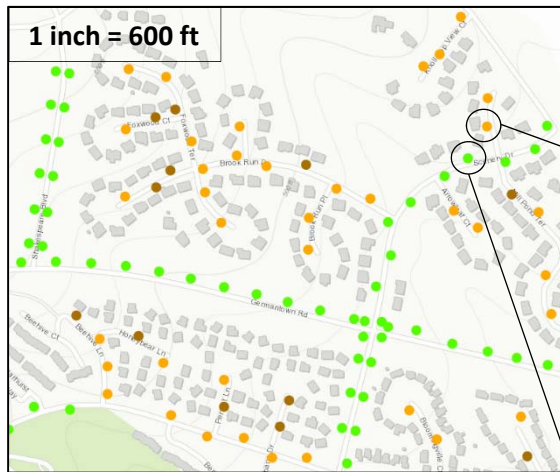


Figure 3 Close Up of Neelsville Neighborhood



Streetlight above would require a Conditional Use to replace. Replacement light could be approximately 8 feet taller, up to a maximum of 22 feet in height as measured from the ground to the top of all equipment and antennas.

Streetlight at left could be replaced as Limited Use. Antennas could be attached at top of pole, adding up to 6 ft, or antennas could be added to pole without increasing height.

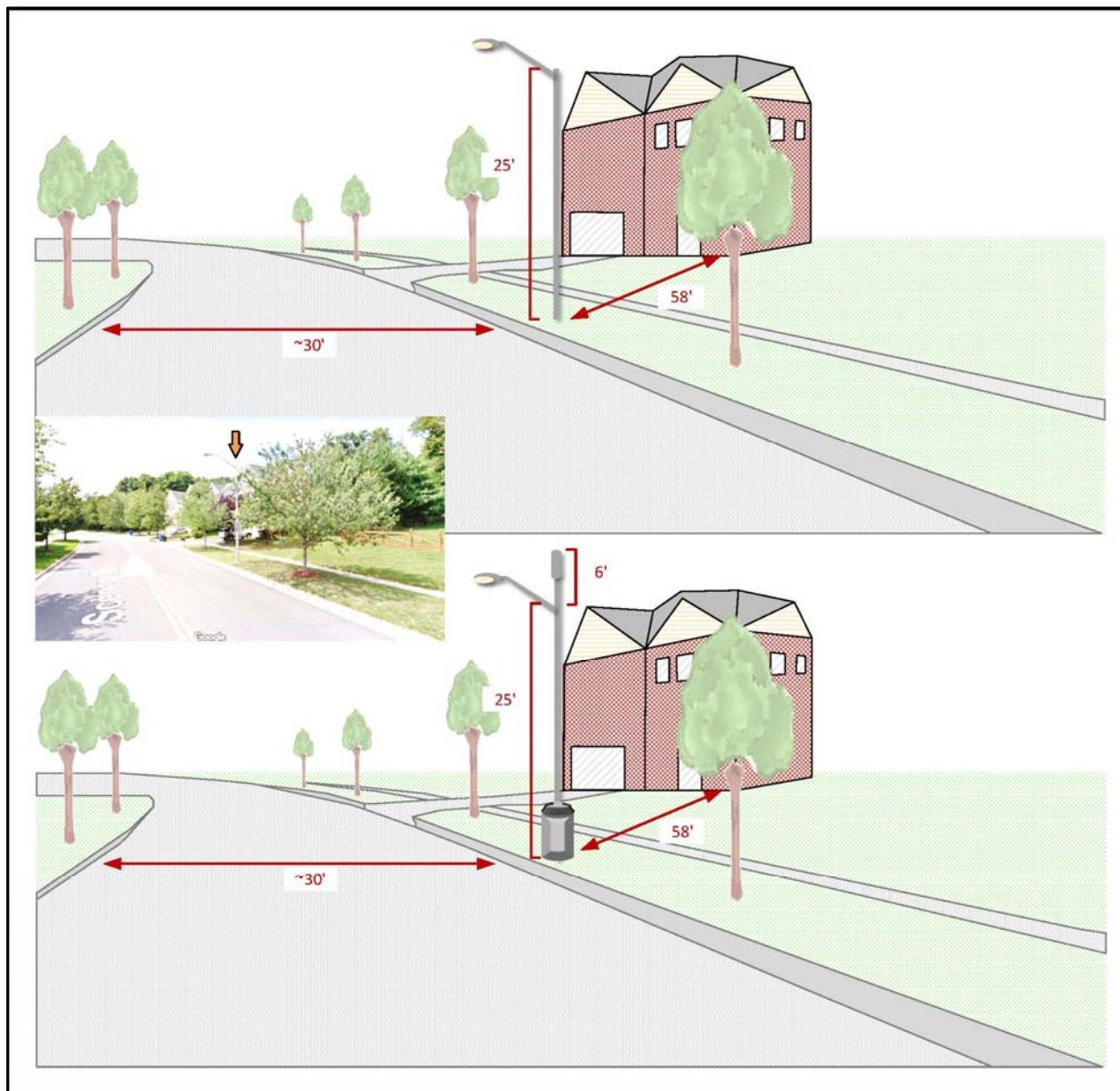
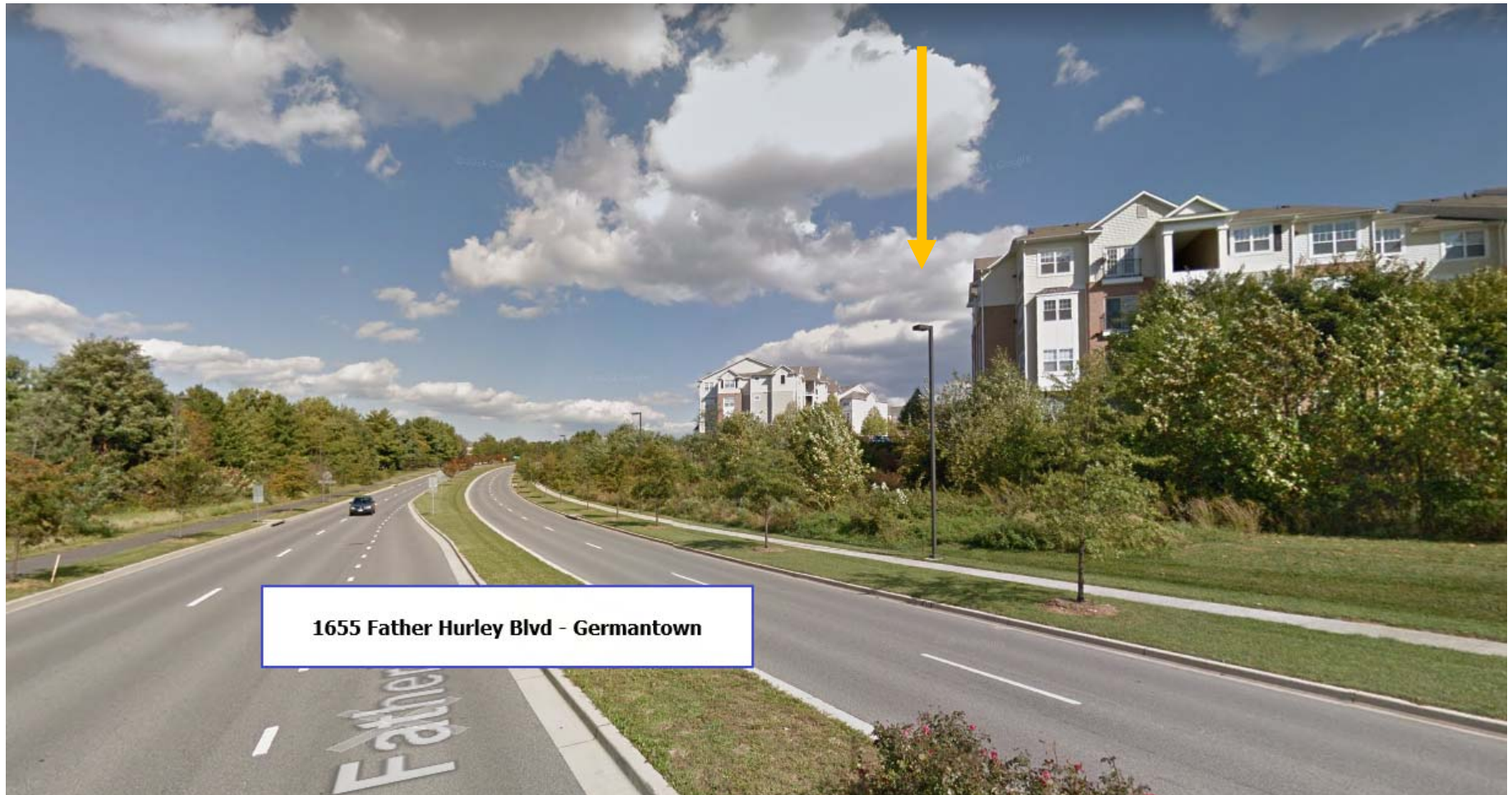


Figure 4 Illustration of Limited Use Replacement Pole with Maximum 6 Foot Height Increase and 6 Cubic Foot Antennas and 20 Cubic Foot Equipment Base

Example 2 – Limited Use Streetlights on Streets Wider than 65 Feet

Replacement of pre-existing streetlights is limited to an additional 6 feet, except where the road is wider than 65 feet. The additional height is needed to ensure that wireless signals can reach both sides of the road.



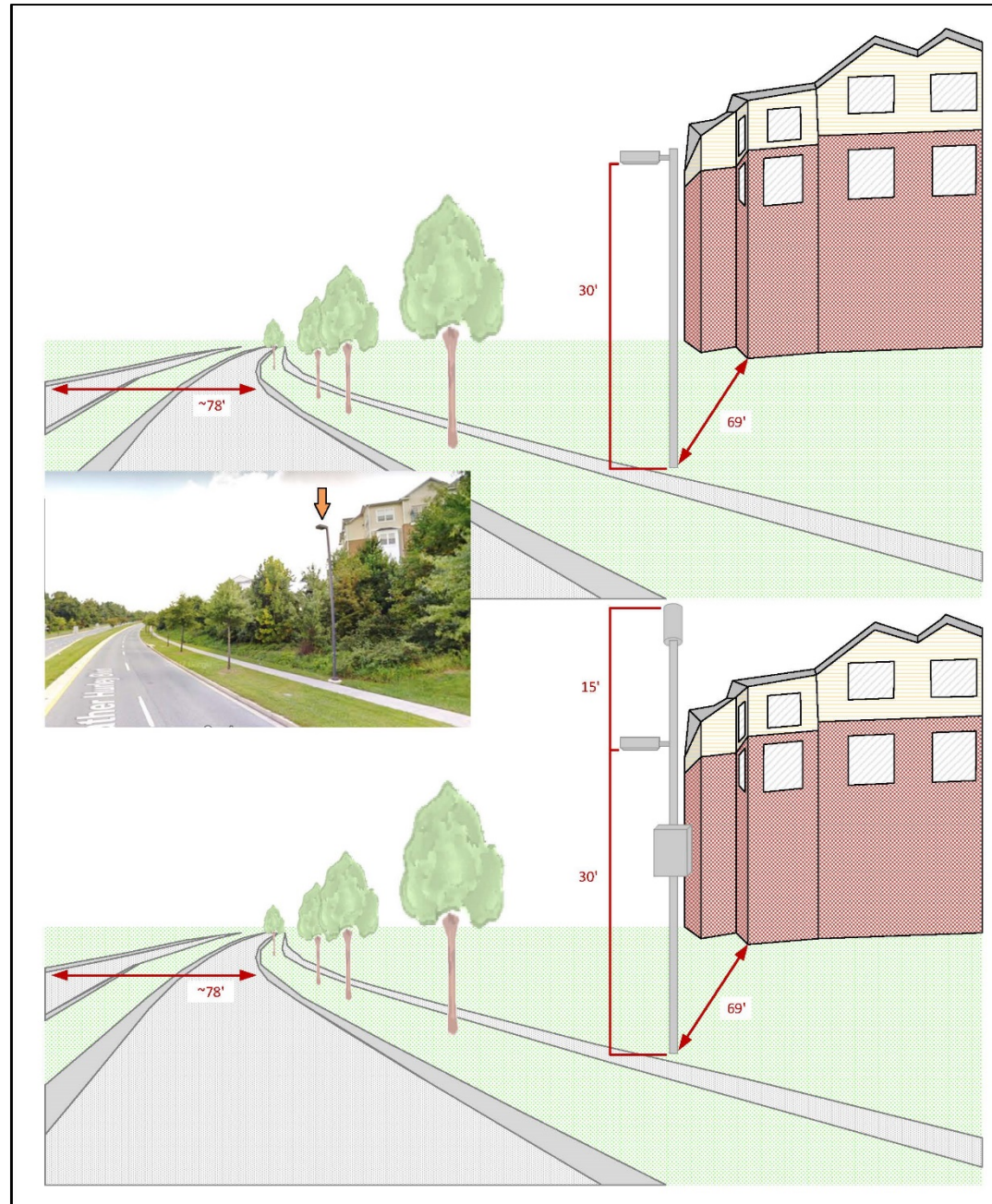


Figure 1 illustration of 15 Foot Increase in Height of Existing Streetlight

Example 3 – Replacement Utility Poles as Limited Use – 10 Foot Increase

Utility poles at least 30 feet houses may be replaced as a limited use and the replacement pole may increase 10 feet in height.

The orange arrow shows the pole to be replaced.

The red arrow shows a pole that would not be replaced, but that is already full of other electrical equipment.

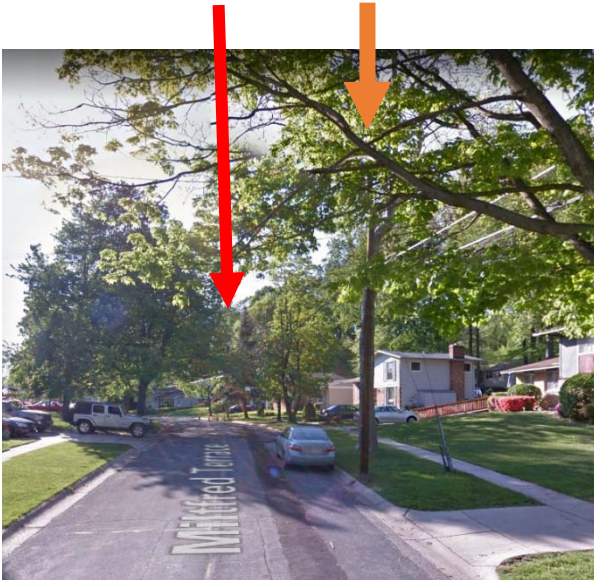
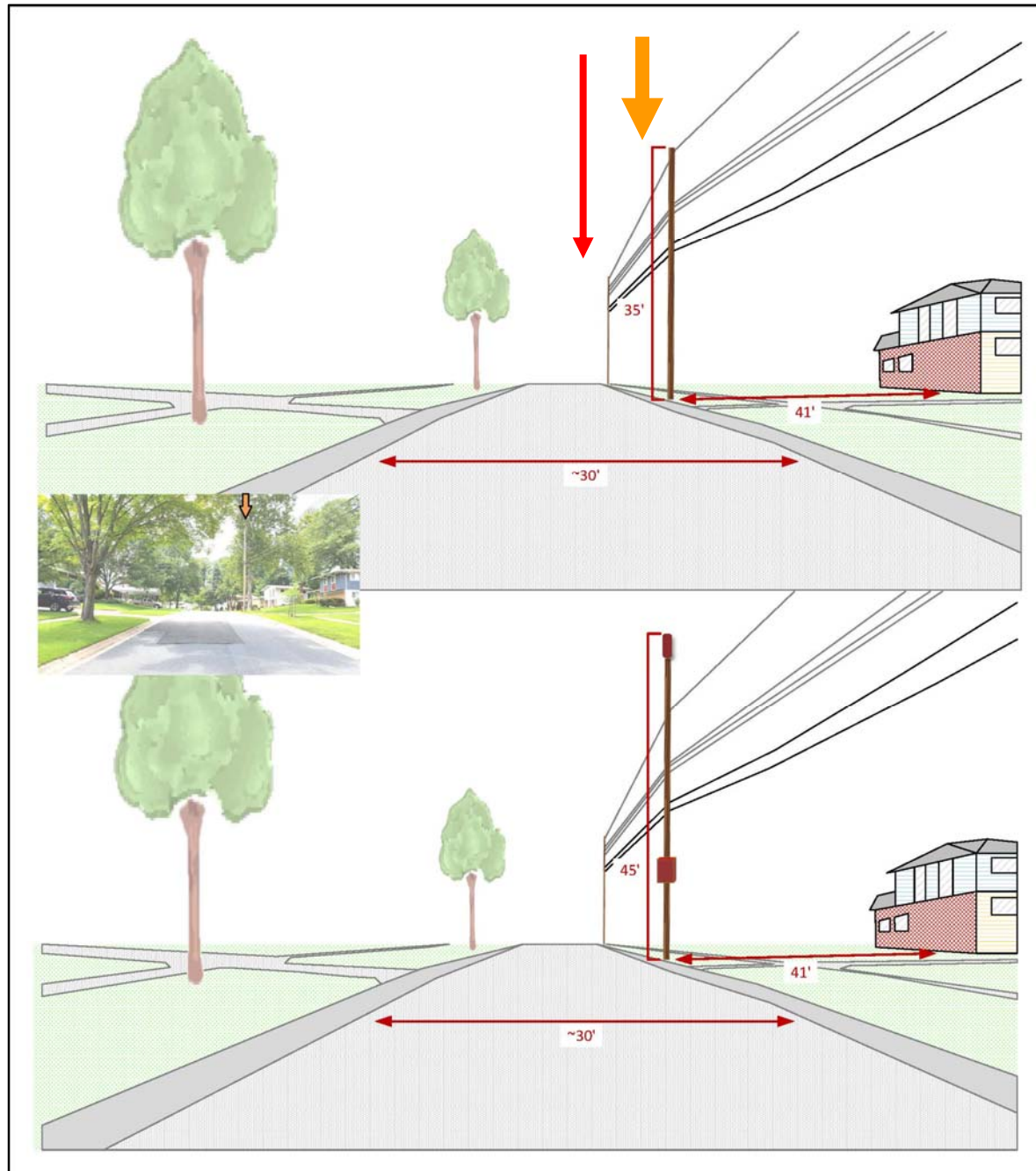


Figure 1 10-Foot Increase in Utility Pole





Example 4 – Replacement Utility Poles as Limited Use – 15 Foot Increase

On roads wider than 65 feet, utility poles may be replaced as Limited Use, with a maximum increase in height of 15 feet to enable wireless signals to reach both sides of the road



