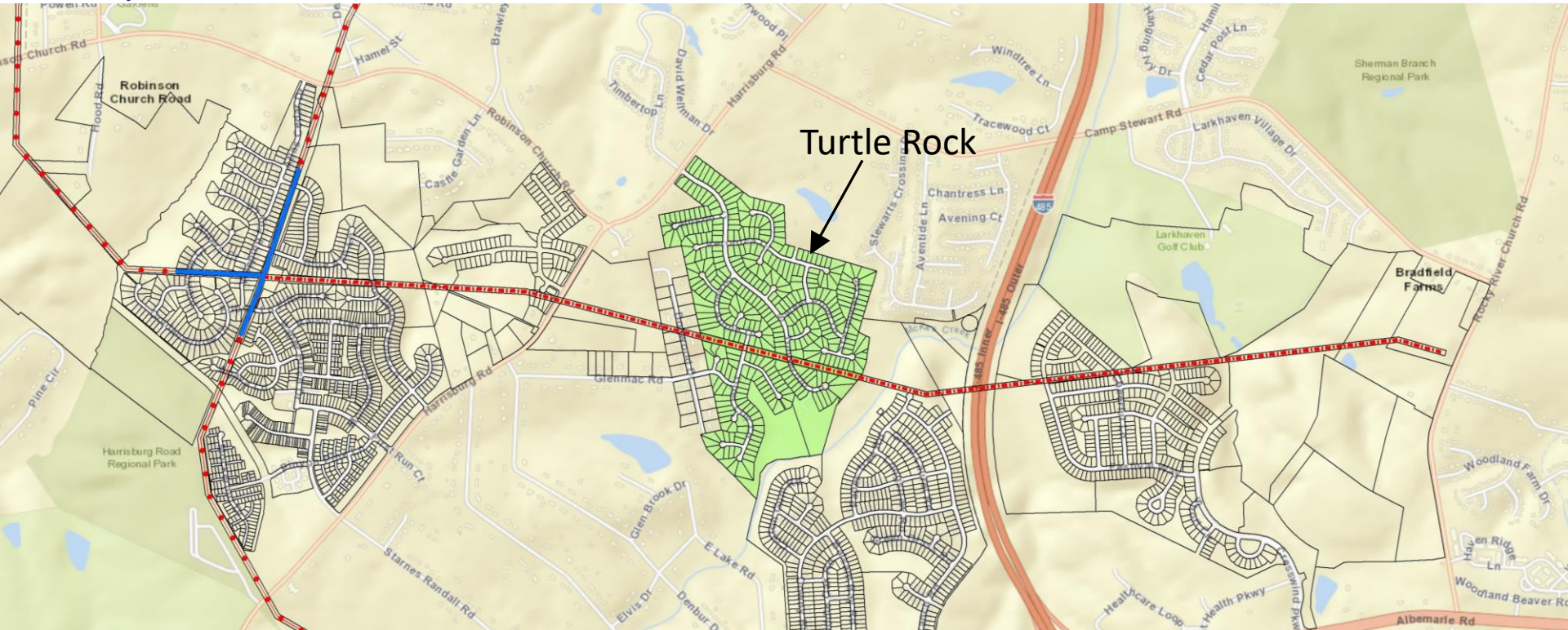


Turtle Rock Community Presentation – Arlington Project

June 30, 2020

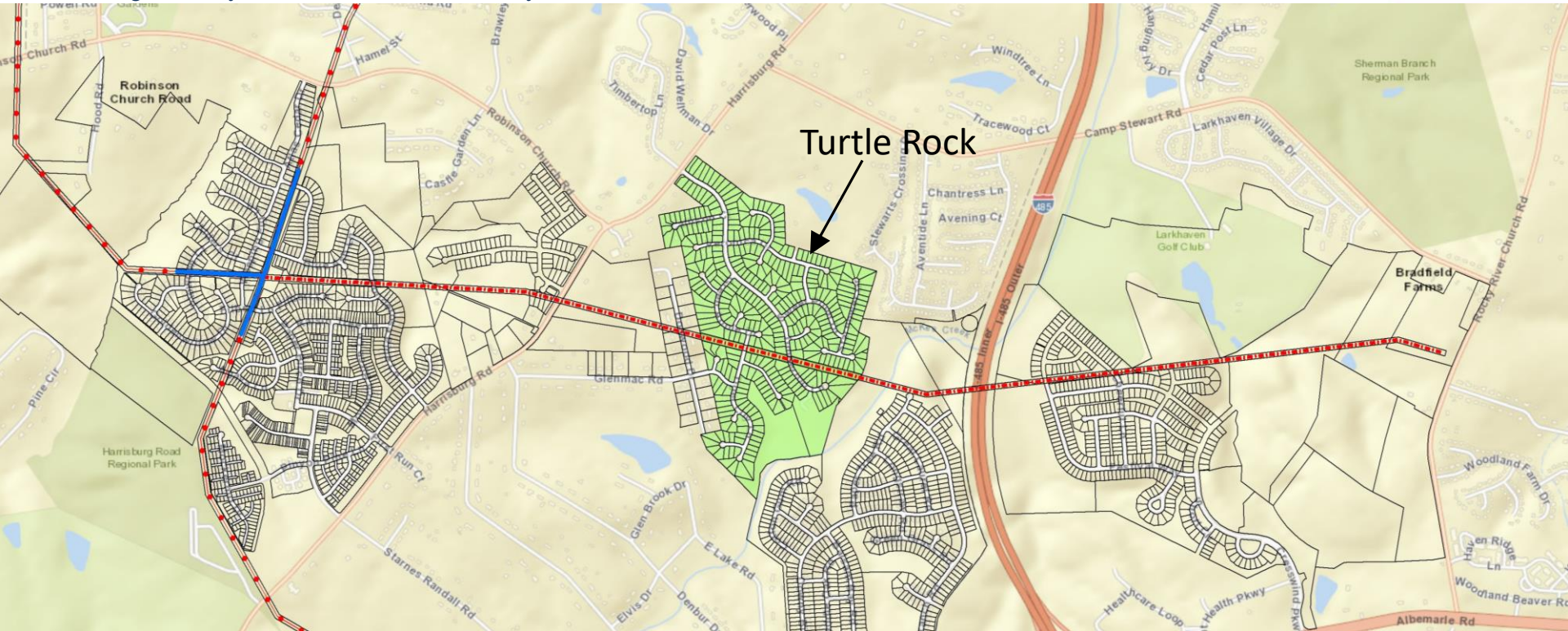
Project Description

- ~3 miles of new 100-kilovolt (kV) transmission line will be built within Duke Energy's existing utility easement.



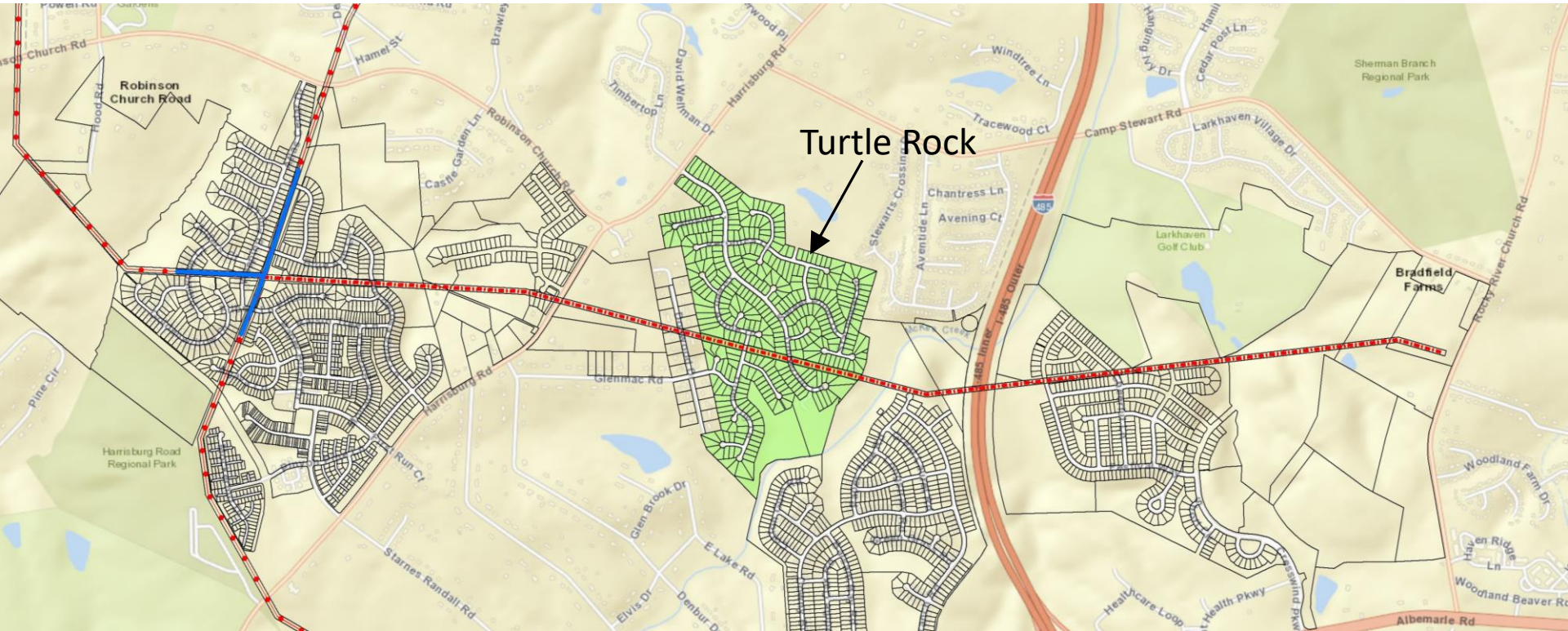
Project Description

- Starts in the Kingstree Community, west of Harrisburg Road, and ends at a new substation being built by Union Power on Rocky River Church Road in Charlotte.



Project Description

- Will utilize a combination of concrete/steel monopoles and steel lattice towers



Why is this project needed and what are the benefits?



- **Reliability for all customers in the region**
 - Improvements to the transmission grid will support growing demand and increase power reliability during times of extreme temperatures, high customer demand for electricity, and during severe weather.

- **Stronger electrical grid**
 - The new transmission line is one of several projects in the region that will improve Duke Energy's service to its customers and those of other utilities like Union Power Cooperative.

Turtle Rock Community Map

- Transmission line crosses Tiger Lily Lane and Timbertop Lane



Turtle Rock Community Map

- Less than four tenths of a mile through Turtle Rock (.38-mile)

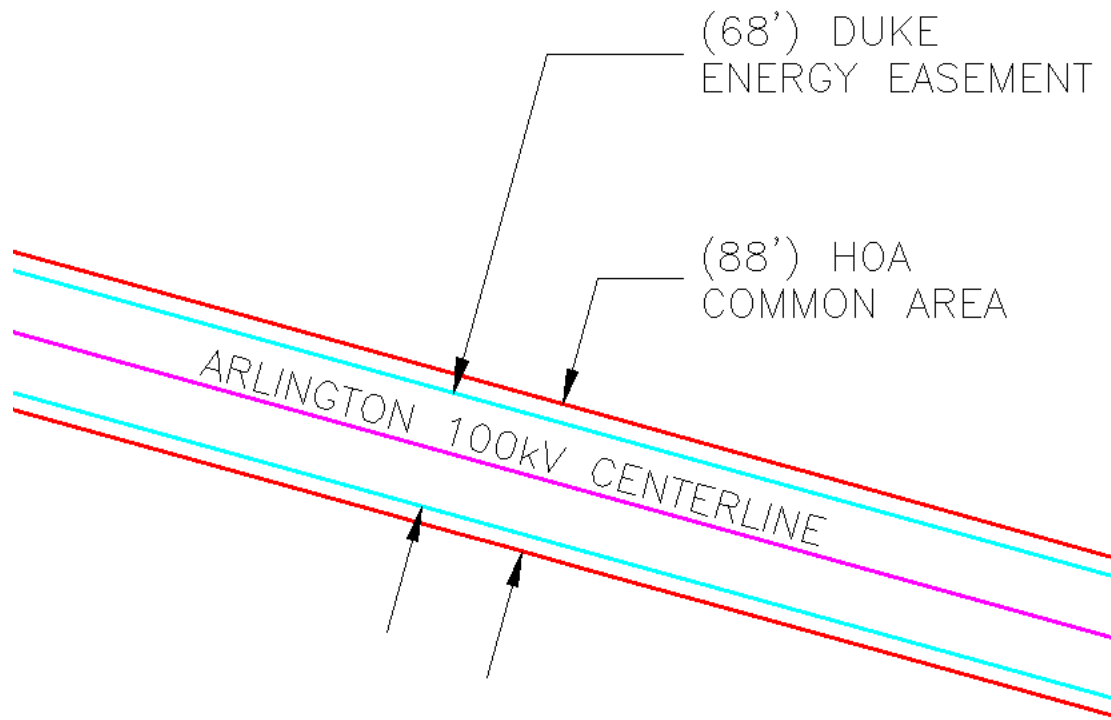


Turtle Rock Community Map

- Anticipate 3 monopole structures within the Turtle Rock Community



Duke Energy Easement & HOA Common Area





Average height range
70' – 110' above ground

Average distance
between structures
500' – 700'

What can I potentially expect?



- No additional easements needed – easement acquired in the 1950s
- Construction related sound and traffic
- Vegetation removal within the Duke Energy easement and select trees outside the easement (if any) that may pose a hazard to the line
- Materials and equipment located in the easement
- Temporary access restrictions in construction areas
- Frequent communications/updates from Duke Energy

- Preconstruction Activities Now - Fall 2020
- Vegetation Removal Fall 2020
- Construction Begins Fall 2020
- Project Complete November 2021

**project schedule is subject to change*

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