



TriCoLink will provide world-class, fiber-to-the-home access to all 15,000 members of the TCE service area. The broadband network will deliver symmetrical gigabit internet capabilities – among the fastest and most robust in the nation – along with high-quality phone services. Additionally, it will enable enhancements and smart grid capabilities to the electrical infrastructure such as improved power outage response times, better load balancing, more efficient electricity delivery, and others.

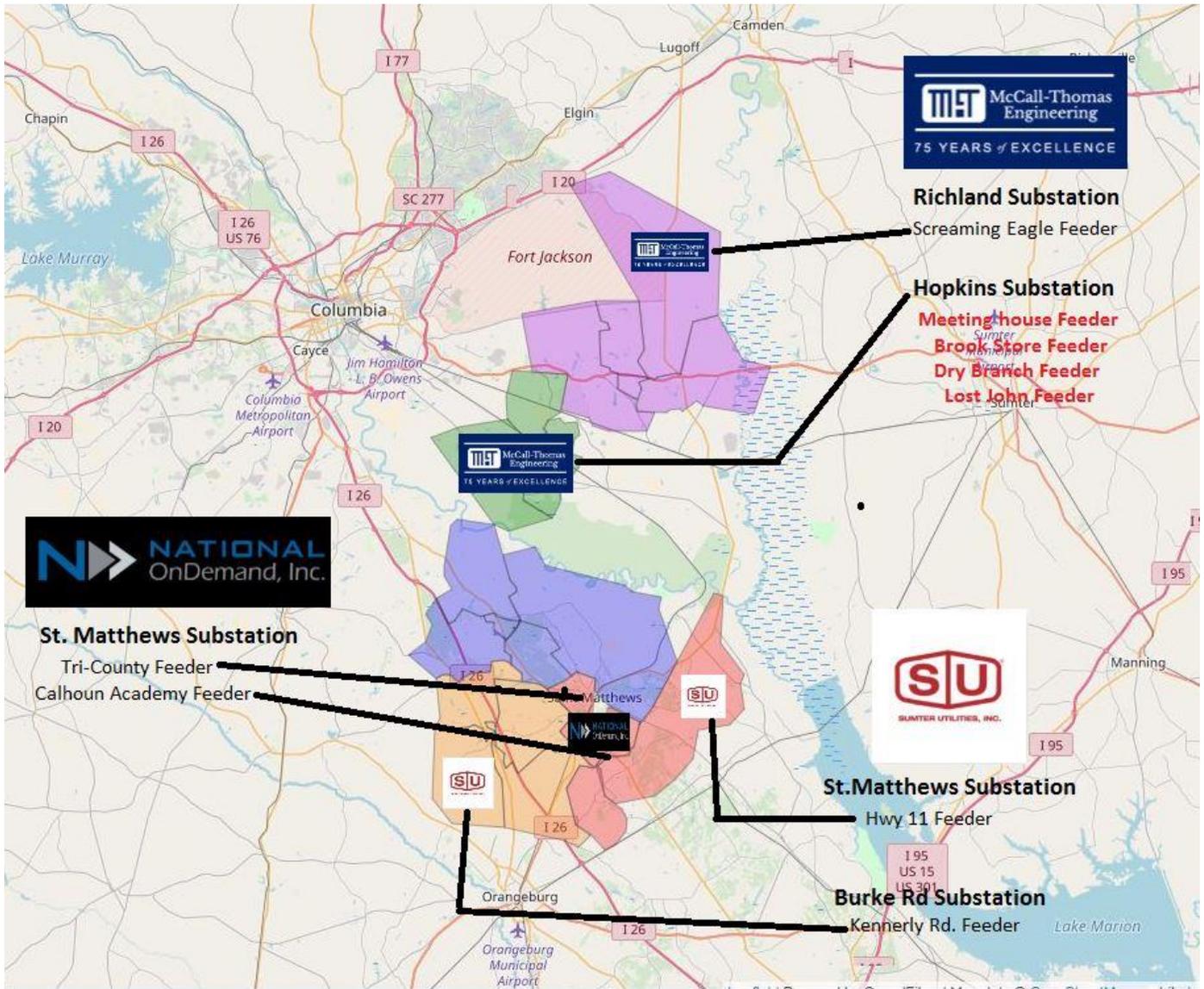
Purple Area- Richland Substation

Green Area- Hopkins Substation

Blue Area- Hammonds Substation

Orange Area- Burke Rd Substation

Light Red Area- St. Matthews Substation





(4) McCall-Thomas (Make Ready Engineering) field engineer crews are currently working in the Richland County area (Richland and Hopkins Substations). They go to each utility pole to determine if any modifications are required in order to support the fiber and its associated steel strand. These engineers create design sheets showing where to move items at the pole to create more space, as well as where poles need to be changed out to add height or strength. During this time, inspectors will “ride out” the build to ensure every member will be included in the fiber build. Sumter Utility then goes and complete the work order



(12) Sumter Utility (Make Ready Construction) line crews are currently working in Orangeburg and Calhoun counties (St. Matthews and Burke Rd. Substations). They are changing poles, moving transformers from one side of the pole to another, moving wires on the poles, adding new anchors to poles, and performing other work to allow the fiber to be placed later by National on Demand.



(6) National on Demand (Fiber Construction) fiber crews are currently working in the Calhoun county area (St. Matthews Substation). They are placing steel strand along the pole lines and returning to place the fiber optic cable against the steel strand. A lashing machine is used to secure the fiber to the strand. In locations where the electric is underground, the fiber optic cable will be placed in a small plastic pipe underground by either boring or plowing. Asphalt and concrete driveways will be bored under and a pedestal may be placed next to a transformer or junction box to allow for a service drop. Areas of disturbance are restored to their original state.