

Project Need

Reliability Concerns & Drivers

Approximately 8 miles of double-circuit 230 kV transmission line between Chesterfield – Hopewell Substations at end of service life

- Structures were installed in the late 1960s
- COR-TEN® weathering steel towers have experienced issues across Dominion Energy's system when used for lattice-type structures
- Static wire is also at the end of its useful life



Proposed Solution

In order to maintain structural integrity and reliability, Dominion Energy is proposing to rebuild the existing transmission lines and replace fiber

- Located entirely within existing right of way
- Replacement of lattice structures with monopole structures
- Proposed weathering steel to match replaced and remaining poles
- Partial co-location with another transmission line
- Rebuilding to current industry standards
- Target completion date: **December 2020**