

Willcox Wharf to Windmill Point Transmission Rebuild Project

Project Overview

- Dominion plans to replace four deteriorating transmission structures on an existing 500kV line between Willcox Wharf and Windmill Point
- The transmission line was placed into service in the 1960s, and the structures have reached the end of their functional life
- Two structures are in the James River; two on shore
 - Approximately one mile of new conductor will also be installed
- The line serves Charles City and Prince George Counties

Project Need

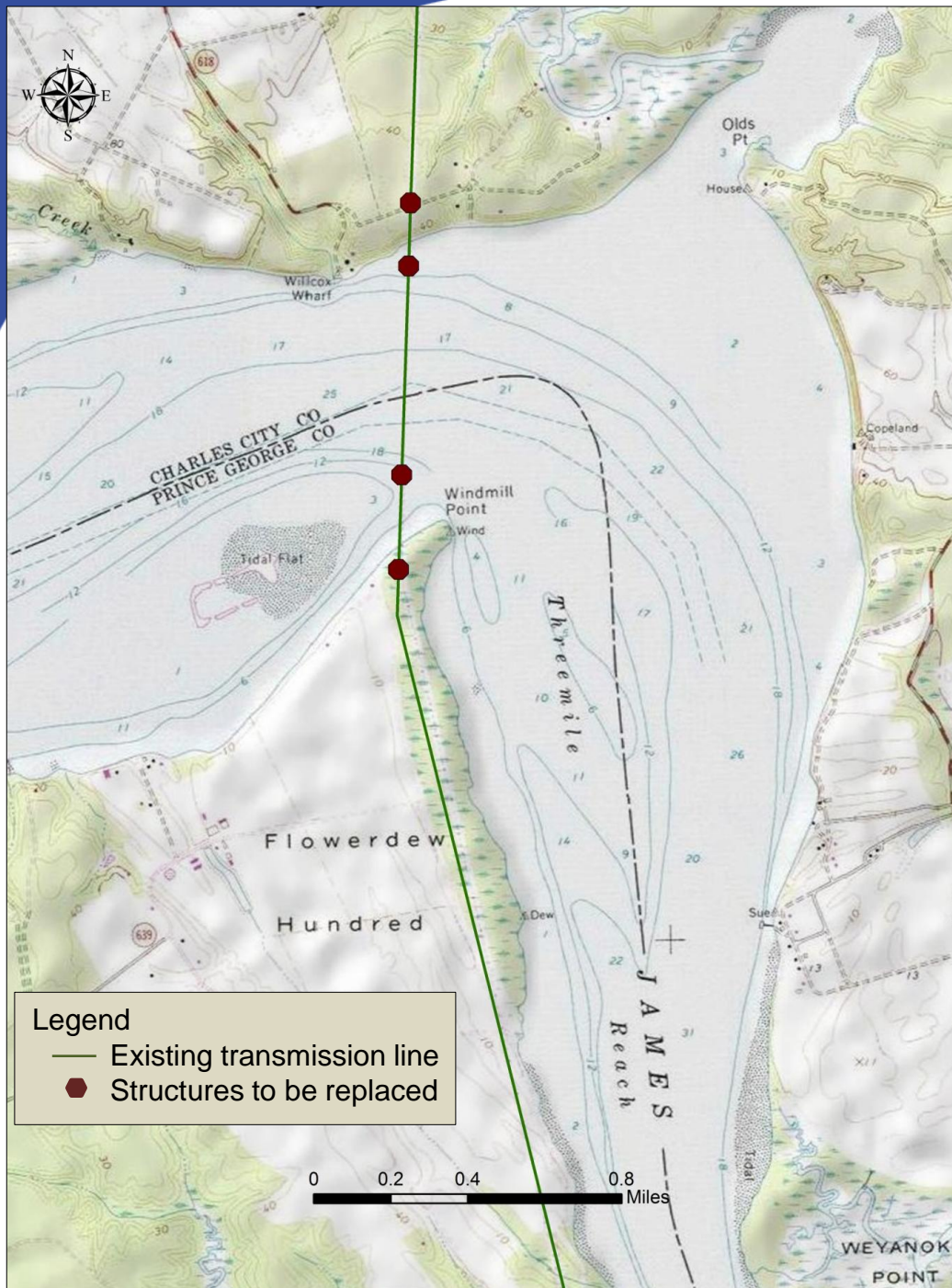
- Significant steel deterioration



Project Need



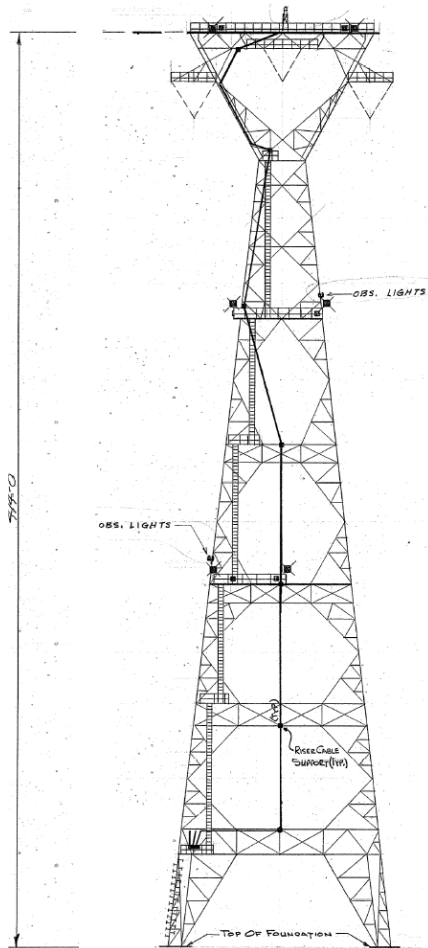
Project Area Map



Structure Drawings – On the James

(Not to Scale)

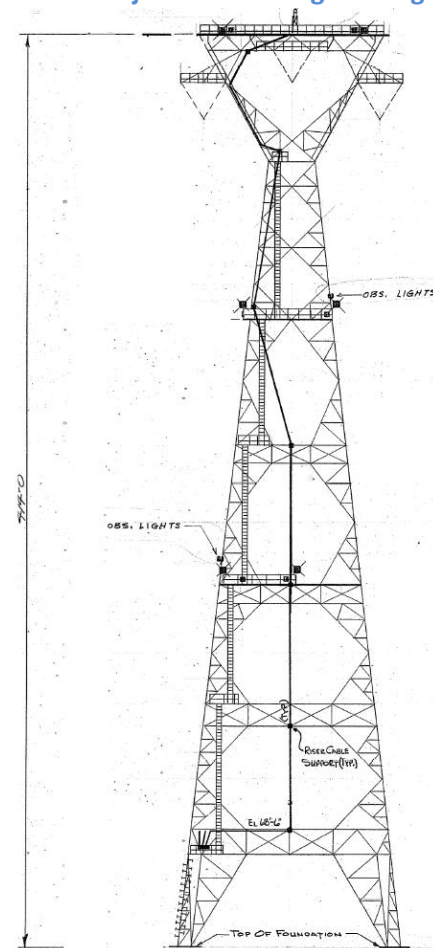
Existing (Cor-ten)



Structure height and style
will remain the same.

Proposed (Galvanized Steel)

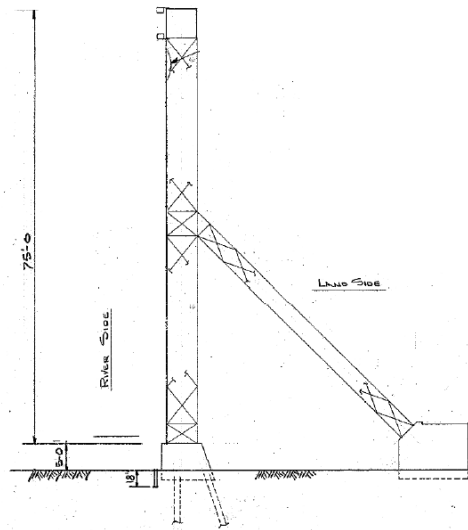
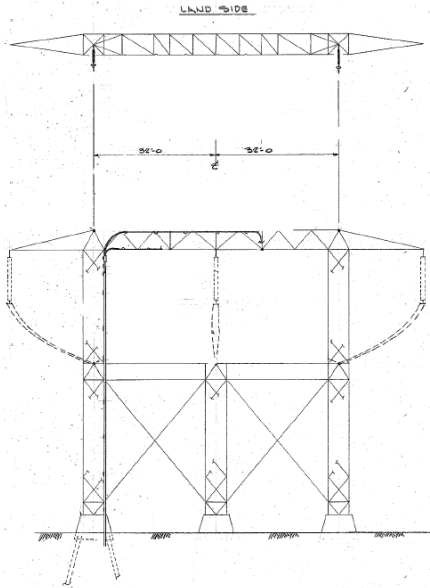
Subject to Final Engineering



Structure Drawing – Anchor

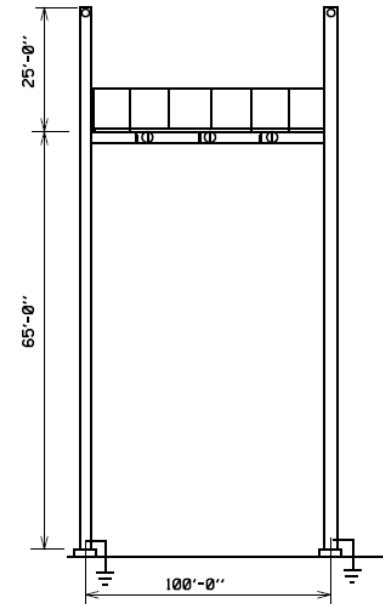
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Existing

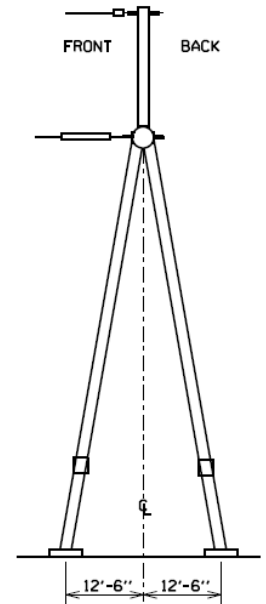


Proposed*

Subject to Final Engineering



FRONT VIEW



SIDE VIEW

*Proposed structures will be galvanized steel and approximately 15 feet taller than existing structures.

Other Project Characteristics

Tentative Construction Dates:

- September 15 – December 15, 2017

Construction:

- An extended construction schedule may be necessary at times to minimize impacts
- Construction may occur seven days a week from 7 a.m. to 7 p.m.
- Some helicopter work may occur

Community Benefits

- Project will:
 - Replace aging infrastructure
 - Maintain continued reliable service to local customers
 - Help strengthen the electrical grid
 - Require no new right of way
 - Require no new foundations in the river
 - Have minimized underwater disturbance

Community Outreach

State and Local Officials:

- Meetings with public officials and other community stakeholders (October 2016)

Planned Public Outreach:

- Letters and fact sheets mailed to nearby landowners (October 2016)
- Website available at www.dom.com, keyword: “Willcox” (October 2016)
- Open House events – November 2016
- Dedicated toll-free number and email address available to answer project-related questions
- Progress updates mailed throughout the construction process

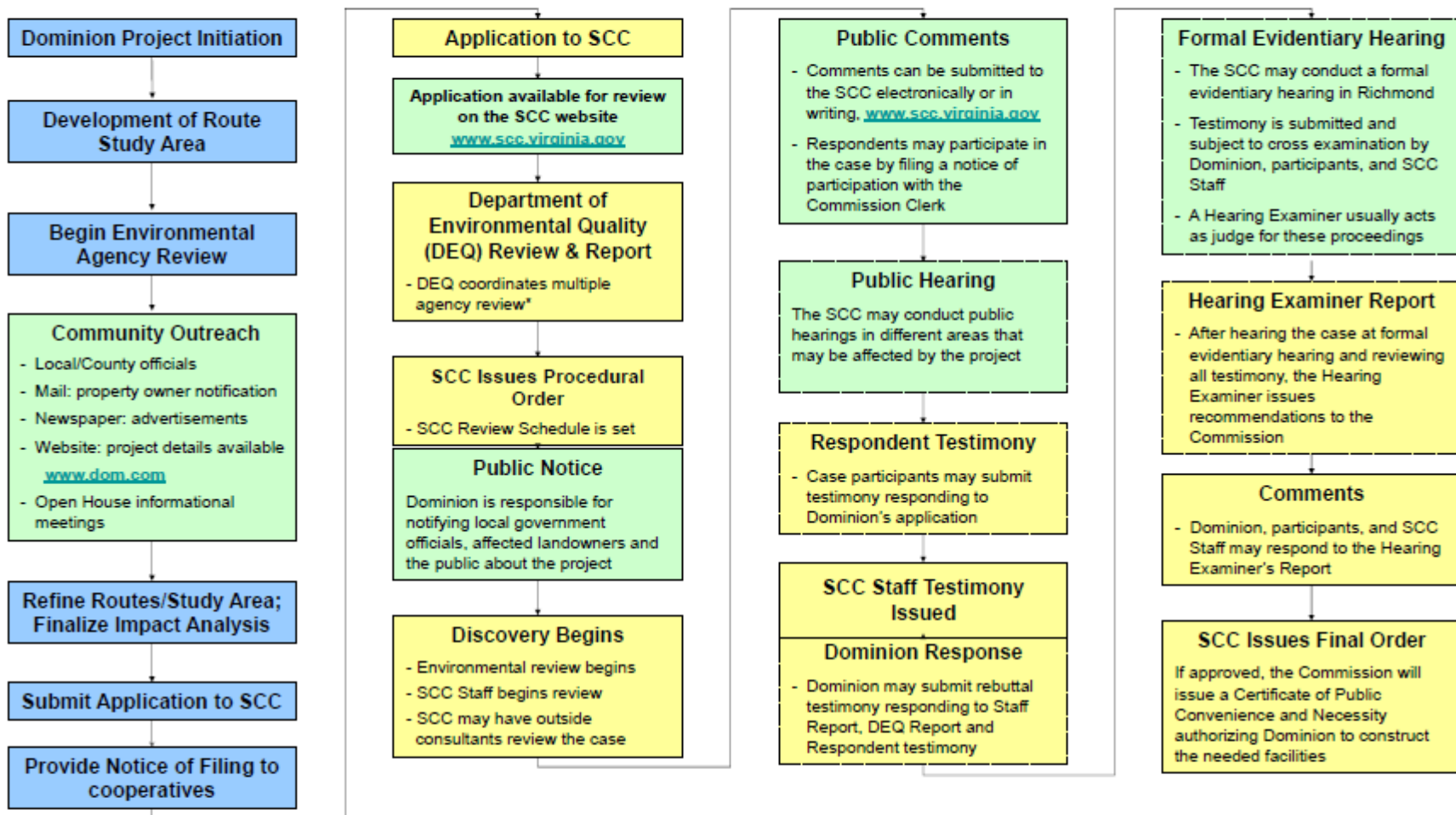
Target Schedule (Subject to change)

Fall 2016	Public outreach: meetings with elected officials, letters to residents, website, open house
Winter 2016	Application submitted to the SCC for approval
Concurrent with SCC review	Secure necessary permits for construction
Spring 2017	Community outreach and notification of intent to construct
Summer 2017	Construction scheduled to begin, pending approvals
Winter 2017	Transmission line to be placed in service

The Transmission Line Approval Process

Virginia's State Corporation Commission (SCC) has regulatory authority over all electric utilities and requires that all transmission facilities at or above 138 kV be certified by the SCC.

The SCC determines the need for a proposed line and the route. Among other elements considered, the SCC must determine that the selected route reasonably minimizes the impact on scenic assets, historic districts, and the environment.



*DEQ coordinated agency review includes: Virginia Marine Resources Commission, Department of Conservation & Recreation, Department of Game & Inland Fisheries, Department of Historic Resources and others.

Average SCC Review Process: One year to 2+ years

Dominion

Public Participation

SCC

How to comment to the SCC: Public commented related to Commission cases are accepted for a limited time. Cases for which comments are currently being accepted by the SCC are listed in the Public Comments/Notices page.

<http://www.scc.virginia.gov/case/publicComments.aspx>

This is a conceptual diagram to illustrate the certification process and is not intended to be a legal description.