

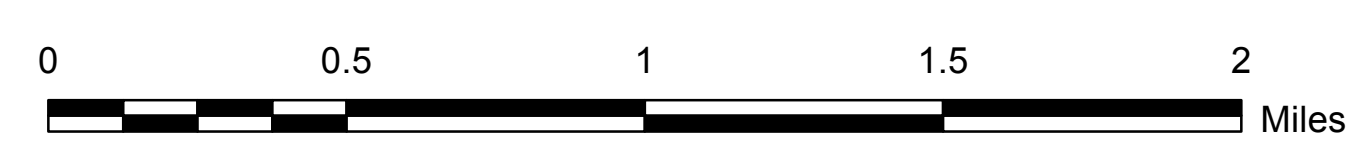
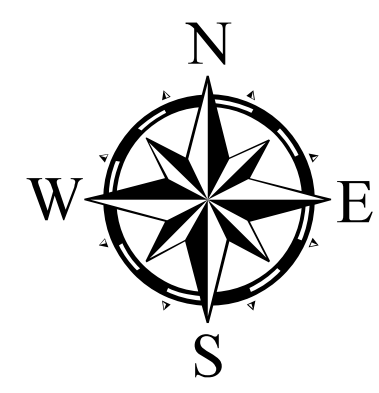
NOTE 1: PROPERTY LINES ON THIS MAP WERE OBTAINED FROM THE WYTHE COUNTY GIS DATABASES. PROPERTY LINES SHOWN ON THIS MAP ARE APPROXIMATE, ARE NOT BASED ON ACCURATE GROUND SURVEY, AND ARE THEREFORE NOT TO BE CONSTRUED OR USED AS EXACT DESCRIPTIONS OF LEGAL BOUNDARIES.

NOTE 2: THE 500-FOOT CORRIDOR IS GENERALLY CENTERED ON THE CENTERLINE OF THE OPTIMAL 100-FOOT ROW OF THE PREFERRED AND VIABLE ALTERNATIVE ROUTES, BUT DIVERGES FROM THE CENTERLINE WHEN PARALLELING EXISTING UTILITY ROWS AND AS APPROPRIATE TO ACCOUNT FOR ENGINEERING AND OTHER ROUTING CONSIDERATIONS.

NOTE 3: THE 500-FOOT CORRIDOR FOR THE VIABLE ALTERNATIVE ROUTE AT THE ROUTE 52 CROSSING EXPANDS AN ADDITIONAL 500-2150 FEET TO ALLOW CONSIDERATION OF AN ALTERNATIVE CROSSING OF ROUTE 52 THAT CROSSES THE ADJACENT VIRGINIA OUTDOORS FOUNDATION OPEN SPACE EASEMENT RESIDENTIAL BUILD ZONE.

NOTE 4: A FINAL 100-FOOT WIDE RIGHT-OF-WAY (ROW) WILL BE SITED WITHIN THE PROPOSED PREFERRED OR VIABLE ALTERNATIVE 500-FOOT CORRIDOR. THE LOCATION OF THE 100-FOOT ROW ON THE CENTERLINE SHOWN ON THIS MAP DOES NOT NECESSARILY REPRESENT THE FINAL ALIGNMENT OR THE ACTUAL LOCATION WITHIN EITHER OF THE PROPOSED 500' CORRIDORS OF THE ROW OR ANY STRUCTURES OR ANGLE POINTS. THE 100-FOOT ROW SHOWN ON THIS MAP REPRESENTS AN OPTIMAL LOCATION BASED UPON THE DATA PRESENTLY AVAILABLE. THE FINAL 100-FOOT ROW WILL BE DETERMINED BY APOD. WITHIN THE 500' CORRIDOR APPROVED BY THE SCC, BASED ON A COMPILATION OF DESIGN NEEDS, MINIMIZATION OF RESOURCE IMPACTS, DETAILED GROUND SURVEY, AND LANDOWNER PREFERENCES.

- Legend**
- 500 Foot Corridor for Preferred and Viable Alternative Routes shown as white dashed lines
 - Preferred Alternative: Optimal 100-Foot ROW and Centerline
 - Viable Alternative: Optimal 100-Foot ROW and Centerline
 - Existing Substations
 - Existing AEP Transmission Lines
 - 500 kV or greater
 - 138 kV
 - Less than 100 kV
 - Gas Pipeline
 - Virginia Scenic Byways
 - Rail
 - Proposed Industrial Development
 - Proposed Road
 - Proposed Rail Line
 - Future Industrial Development Sites
 - Abandoned Structure
 - Apartment
 - Campground/RV Park
 - Cell Tower
 - Church/Cemetery
 - Commercial
 - Residence
 - Municipal
 - Outbuilding
 - Picnic Area
 - School
 - Hospital/Nursing Home
 - Historic District
 - Water Features
 - Flood Zones and Wetlands
 - Wildlife Management Area
 - VDF Residential Build Zone
 - VDF Open Space Easement
 - Other Recreation Areas
 - National Forest
 - State Park
 - Fish Hatchery



Geographic Coordinate System: State Plane Virginia South
 Datum: North American Datum of 1983 (NAD83)
 Projection: Lambert Conformal Conic
 Linear Unit: Feet
 Ellipsoid: Geodetic Reference System 80

References:
 ESRI, GNIS, USGS NHD,
 USGS GAP/PADUS, VOF,
 VA DNR, Wythe County, AEP
 Aerial Imagery obtained from VBMP (2011)

GIS Constraints Map

Preferred and Viable Alternative Corridors

Wythe Area Improvements

138 kV Transmission Line Project

November, 2012

