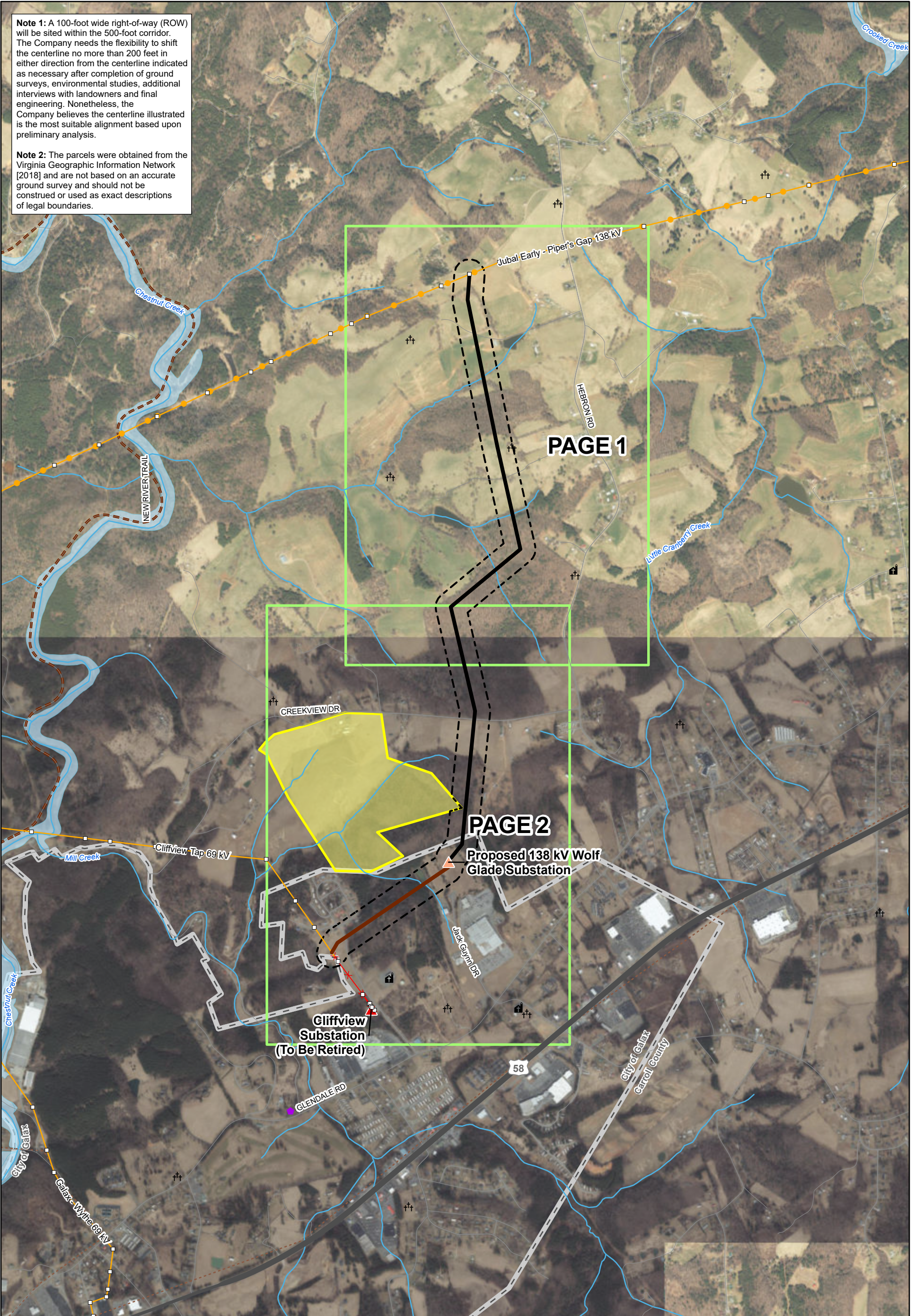
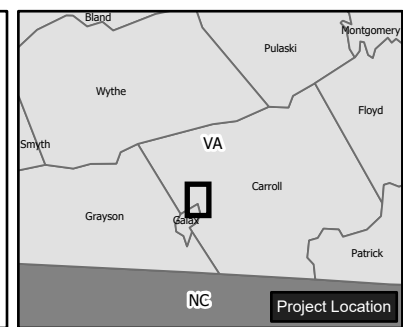
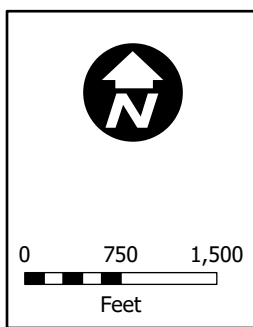


**Note 1:** A 100-foot wide right-of-way (ROW) will be sited within the 500-foot corridor. The Company needs the flexibility to shift the centerline no more than 200 feet in either direction from the centerline indicated as necessary after completion of ground surveys, environmental studies, additional interviews with landowners and final engineering. Nonetheless, the Company believes the centerline illustrated is the most suitable alignment based upon preliminary analysis.

**Note 2:** The parcels were obtained from the Virginia Geographic Information Network [2018] and are not based on an accurate ground survey and should not be construed or used as exact descriptions of legal boundaries.



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City of Galax and Carroll County Virginia
NAD 1983 HARN StatePlane Virginia South FIPS 4502 Feet Lambert Conformal Conic North American 1983 HARN
Date: 12/11/2018 Author: KK POWER: 153273

**GIS Constraints Map  
Exhibit 5**

Glendale Area Improvements  
138 kV Transmission Project



**Note 1:** A 100-foot wide right-of-way (ROW) will be sited within the 500-foot corridor. The Company needs the flexibility to shift the centerline no more than 200 feet in either direction from the centerline indicated as necessary after completion of ground surveys, environmental studies, additional interviews with landowners and final engineering. Nonetheless, the Company believes the centerline illustrated is the most suitable alignment based upon preliminary analysis.

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Proposed Route Centerline - Wolf Glade 138 kV Extension	Cemetery
Proposed 100' ROW	Secondary Route/ Urban Road
500' Filing Corridor	Stream (NHD)
Existing AEP Structure	Parcel Boundary
Existing AEP Transmission Line (115-230 kV)	

0    250    500  
Feet

Project Location

Map Tile 1 of 2

City of Galax and Carroll County  
Virginia

NAD 1983 HARN StatePlane Virginia South FIPS  
4502 Feet  
Lambert Conformal Conic  
North American 1983 HARN

Date: 12/11/2018  
Author: KK  
POWER: 153273

**GIS Constraints Map  
Exhibit 5**

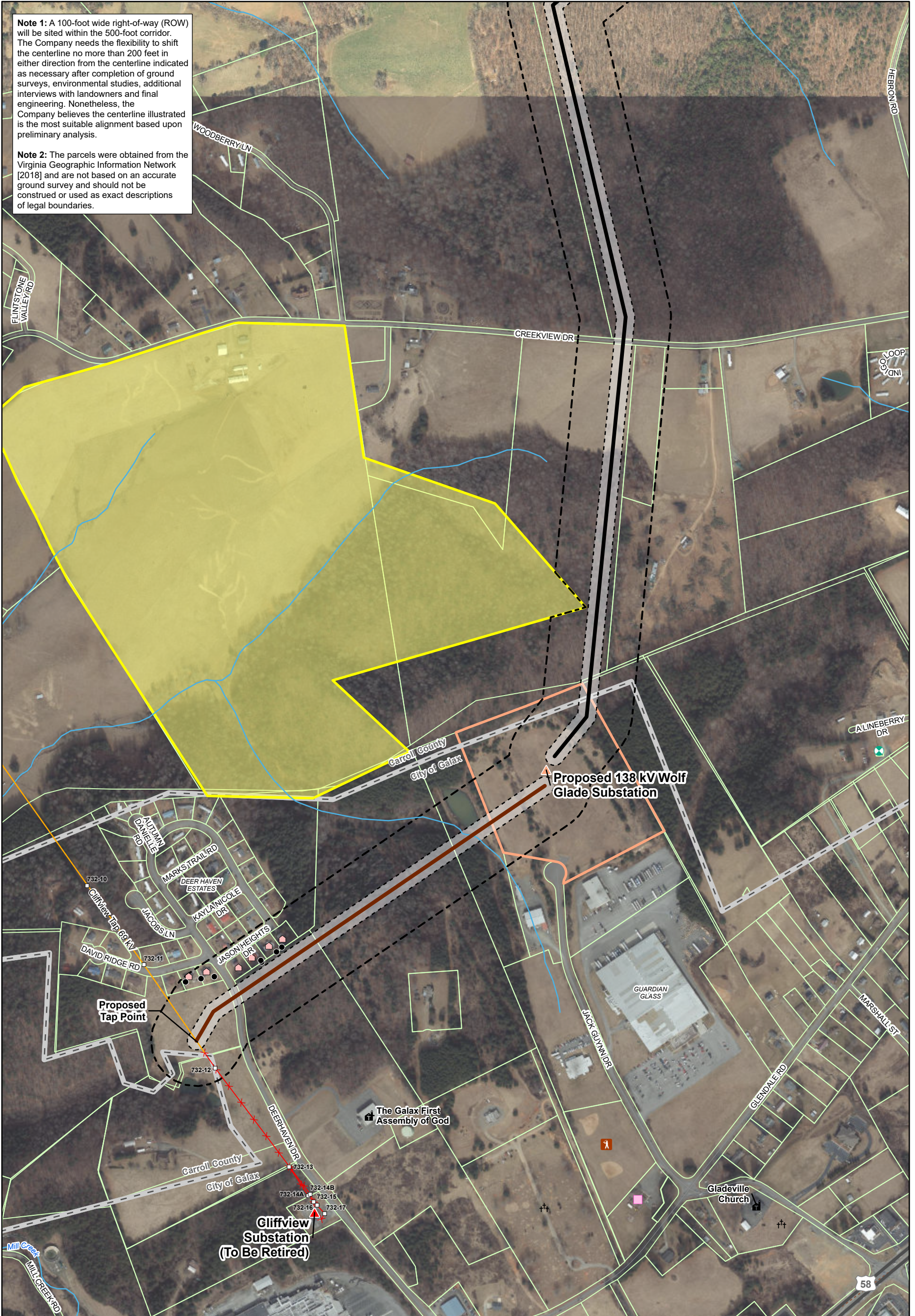
Glendale Area Improvements  
138 kV Transmission Project

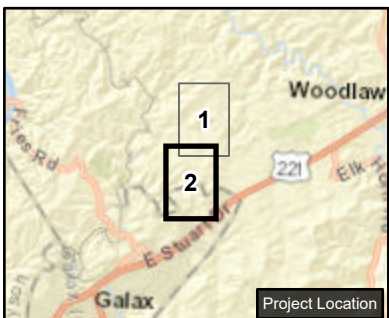
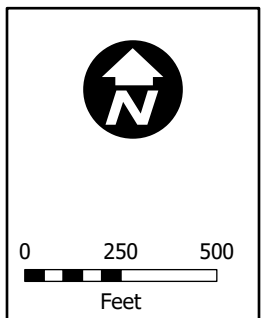
**APPALACHIAN  
POWER**  
An AEP Company  
BOUNDLESS ENERGY™



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Map Tile 2 of 2  
City of Galax and Carroll County Virginia  
NAD 1983 HARN StatePlane Virginia South FIPS 4502 Feet  
Lambert Conformal Conic  
North American 1983 HARN  
Date: 12/11/2018  
Author: KK  
POWER: 153273

**GIS Constraints Map Exhibit 5**  
Glendale Area Improvements  
138 kV Transmission Project