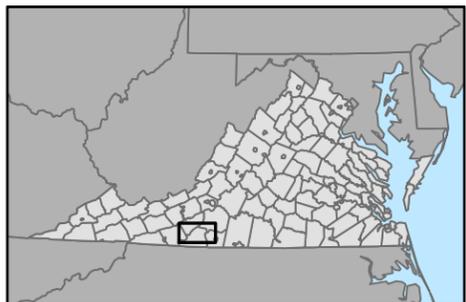
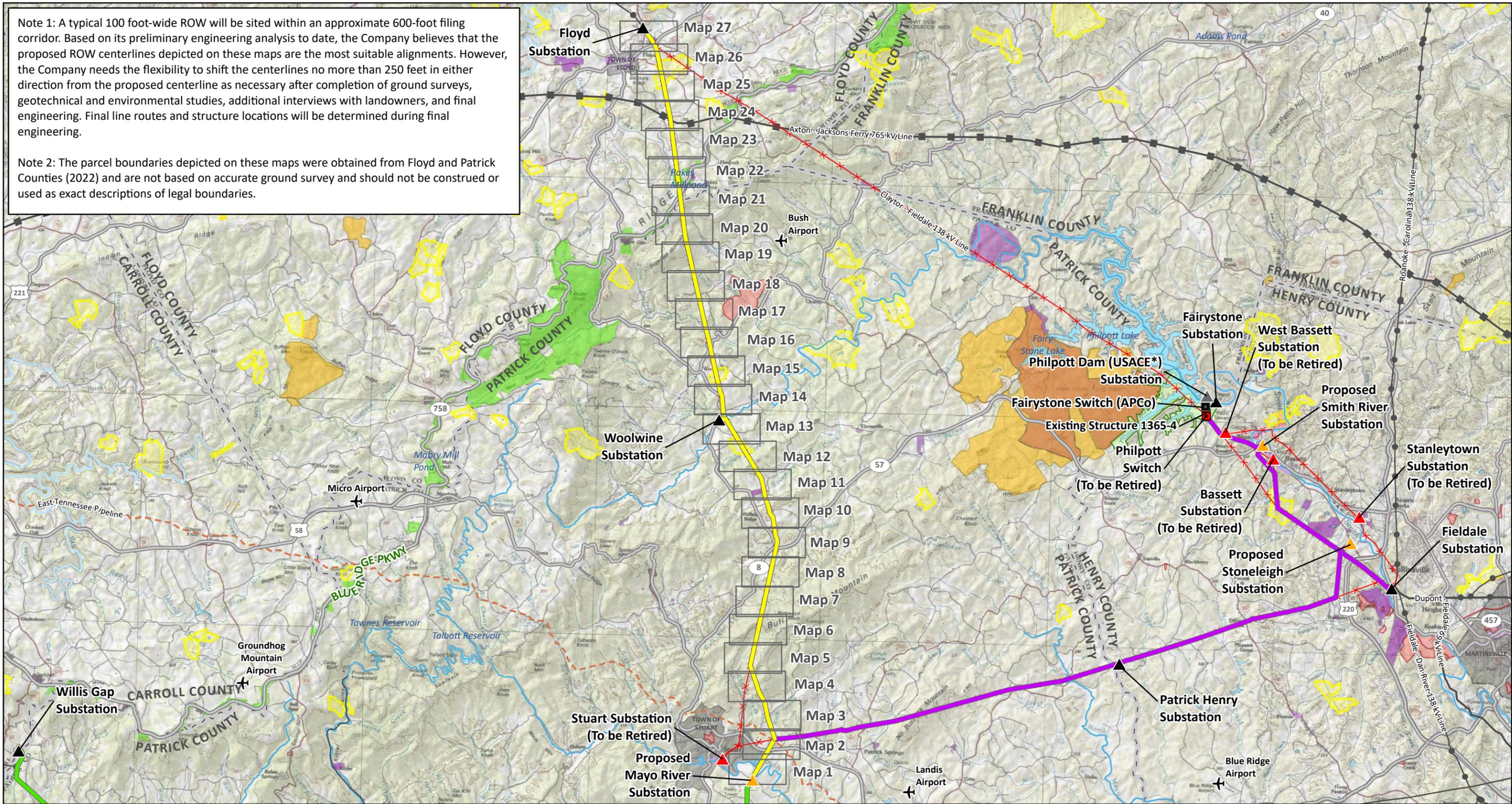


Note 1: A typical 100 foot-wide ROW will be sited within an approximate 600-foot filing corridor. Based on its preliminary engineering analysis to date, the Company believes that the proposed ROW centerlines depicted on these maps are the most suitable alignments. However, the Company needs the flexibility to shift the centerlines no more than 250 feet in either direction from the proposed centerline as necessary after completion of ground surveys, geotechnical and environmental studies, additional interviews with landowners, and final engineering. Final line routes and structure locations will be determined during final engineering.

Note 2: The parcel boundaries depicted on these maps were obtained from Floyd and Patrick Counties (2022) and are not based on accurate ground survey and should not be construed or used as exact descriptions of legal boundaries.



<ul style="list-style-type: none"> ▲ Proposed APCo Substation ▲ Existing APCo Substation to be Retired ▲ Existing APCo Substation ▲ Non-APCo Generation Facility ■ Existing Switch Station to be Retired ■ Existing Switch Station 	<ul style="list-style-type: none"> — Component 2 Proposed Route — Component 1 Proposed Route — Component 3 Proposed Route — Existing Transmission Line to be Retired — Existing APCo Transmission Line (69 kv or lower) — Existing APCo Transmission Line (115 kv - 230 kv) 	<ul style="list-style-type: none"> — Existing APCo Transmission Line (345 kv +) — Existing Non-APCo Transmission Line ✈ Airport — Highway — Natural Gas Pipeline — Stream (NHD) 	<ul style="list-style-type: none"> — River (NHD) — Waterbody (NHD) — Local Conservation Land — State Conservation Land — VOF Easement — Philpott Lake Recreation Area (USACE) 	<ul style="list-style-type: none"> — Blue Ridge Parkway National Parkway — Historic District (VDHR) — Architectural Resource (VDHR) — Town Boundary — County Boundary — Map Tile
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* USACE = U.S. Army Corps of Engineers

Patrick & Floyd Counties, Virginia

Date: 7/10/2023; Author: ckunde; Project: 158529

INDEX

**Exhibit 8:
Component 2
GIS Constraints Map**

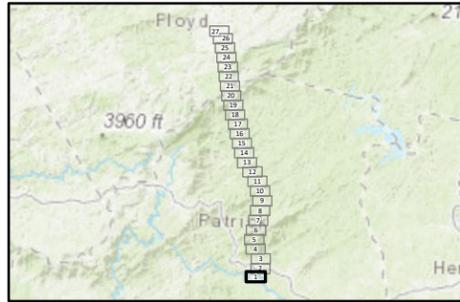
Stuart Area Transmission Improvements Project
Component 2:
Mayo River (Stuart) to Floyd Transmission Improvements

An AEP Company

See Notes 1 and 2 on the Index Map.



Existing Structures: N/A
Proposed Structures: 1 to 6



Proposed APCo Substation	Filing Corridor (See Note 1)	Waterbody (NHD)
Proposed Structure	Cell Tower (FCC)	Wetland (NWI)
Component 2 Proposed Route (Double Circuit)	Road	Floodplain
Component 1 Proposed Route	South Mayo River (Scenic River)	Town Boundary
Proposed Right-of-Way (100')	Stream (NHD)	Map Tile
	River (NHD)	Parcel Boundary (See Note 2)

Patrick & Floyd Counties, Virginia

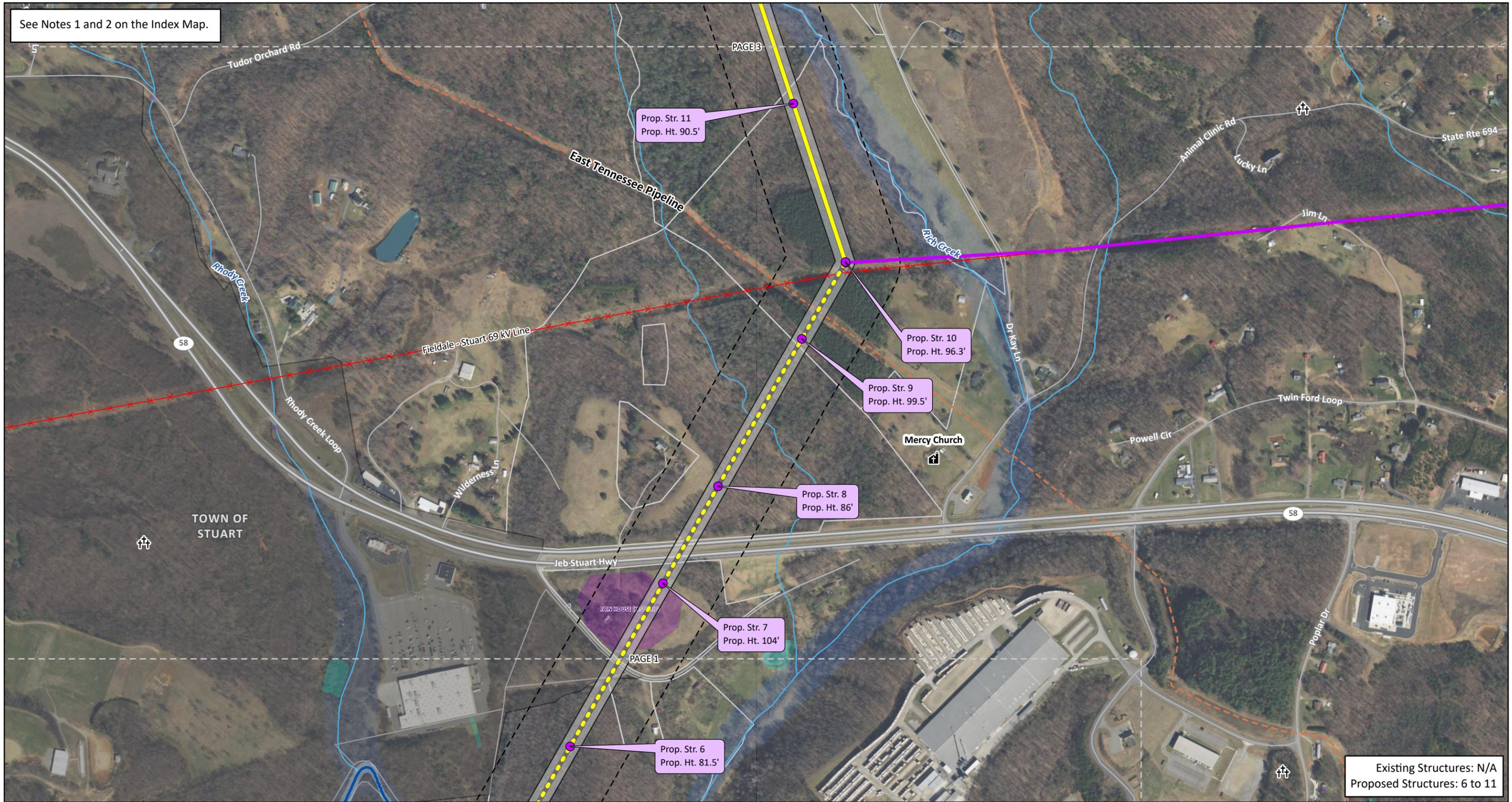
Date: 5/4/2023; Author: elundy; Project: 158529

Map 1 of 27

Exhibit 8: Component 2 GIS Constraints Map

Stuart Area Transmission Improvements Project
Component 2:
Mayo River (Stuart) to Floyd Transmission Improvements

See Notes 1 and 2 on the Index Map.



Existing Structures: N/A
Proposed Structures: 6 to 11



Proposed Structure	Proposed Right-of-Way (100')	Natural Gas Pipeline	Floodplain
Component 2 Proposed Route (Single Circuit)	Filing Corridor (See Note 1)	South Mayo River (Scenic River)	Architectural Resource (VDHR)
Component 2 Proposed Route (Double Circuit)	Place of Worship	Stream (NHD)	Town Boundary
Component 3 Proposed Route	Cemetery	River (NHD)	Map Tile
Existing Transmission Line to be Retired	Highway	Waterbody (NHD)	Parcel Boundary (See Note 2)
	Road	Wetland (NWI)	

Patrick & Floyd Counties, Virginia

Date: 5/4/2023; Author: elundy; Project: 158529

Map 2 of 27

Exhibit 8: Component 2 GIS Constraints Map

Stuart Area Transmission Improvements Project
Component 2:
Mayo River (Stuart) to Floyd Transmission Improvements

An AEP Company

See Notes 1 and 2 on the Index Map.



Existing Structures: N/A
Proposed Structures: 12 to 15



Proposed Structure	Filing Corridor (See Note 1)	Floodplain
Component 2 Proposed Route (Single Circuit)	Road	Map Tile
Proposed Right-of-Way (100')	Natural Gas Pipeline	Parcel Boundary (See Note 2)
	Stream (NHD)	

Patrick & Floyd Counties, Virginia

Date: 5/4/2023; Author: elundy; Project: 158529

0 500 1,000
Feet

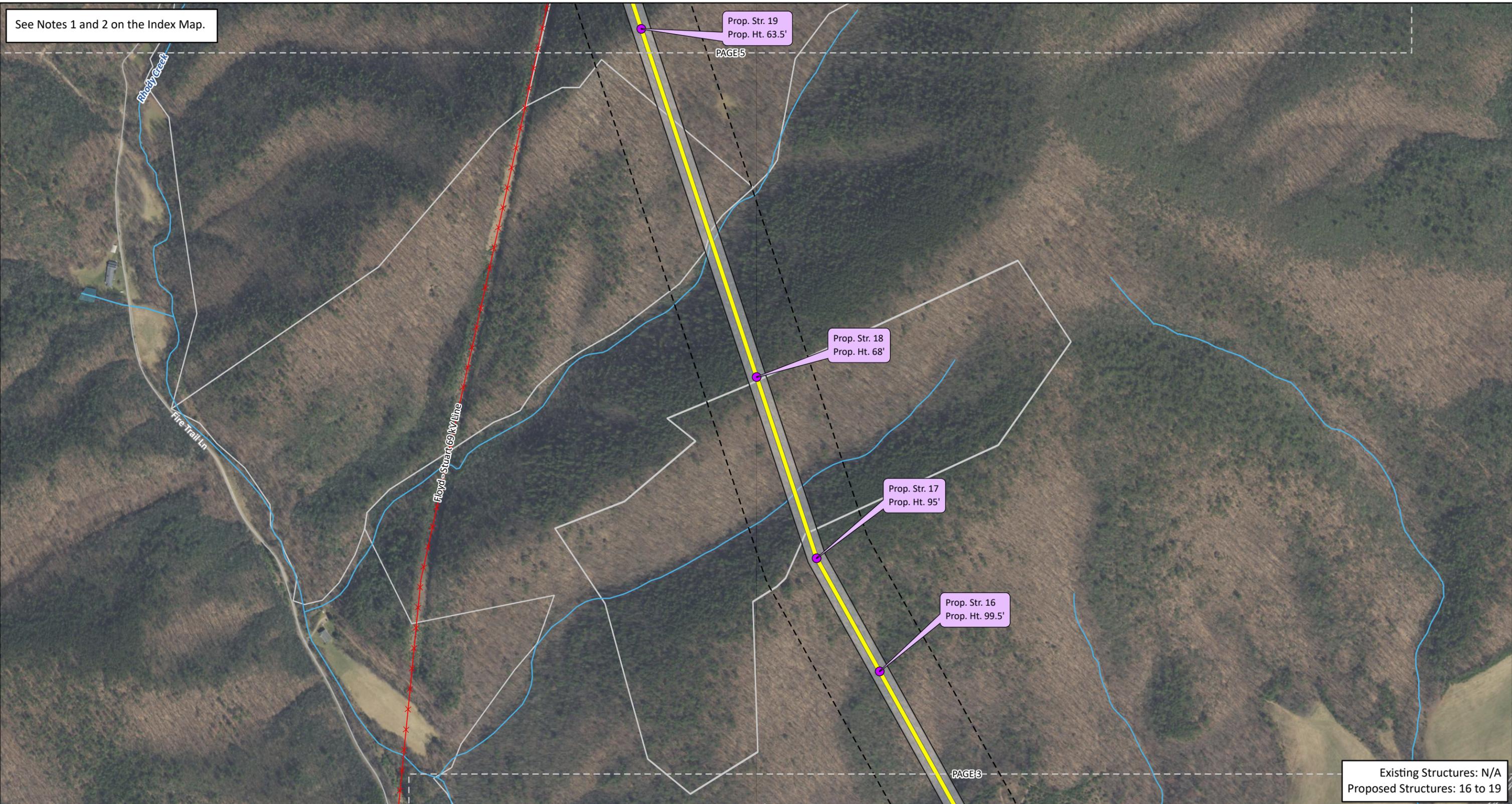
Map 3 of 27

**Exhibit 8:
Component 2
GIS Constraints Map**

Stuart Area Transmission
Improvements Project
Component 2:
Mayo River (Stuart) to Floyd
Transmission Improvements

An AEP Company

See Notes 1 and 2 on the Index Map.



Existing Structures: N/A
Proposed Structures: 16 to 19



Proposed Structure	Proposed Right-of-Way (100')	Waterbody (NHD)
Component 2 Proposed Route (Single Circuit)	Filing Corridor (See Note 1)	Map Tile
Existing Transmission Line to be Retired	Road	Parcel Boundary (See Note 2)
	Stream (NHD)	

Patrick & Floyd Counties, Virginia

Date: 5/4/2023; Author: elundy; Project: 158529

0 500 1,000
Feet

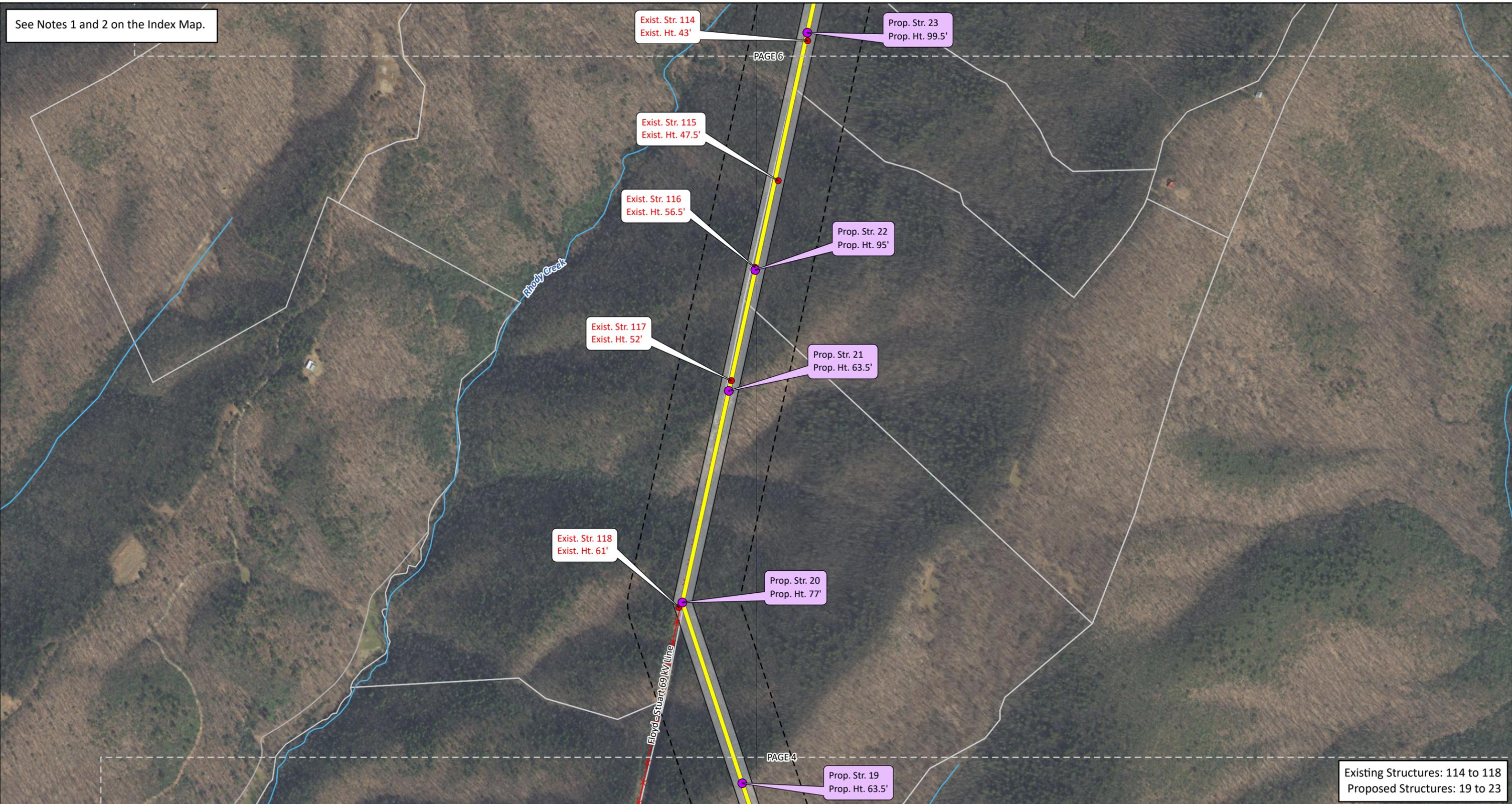
Map 4 of 27

Exhibit 8:
Component 2
GIS Constraints Map

Stuart Area Transmission Improvements Project
Component 2:
Mayo River (Stuart) to Floyd Transmission Improvements

An AEP Company

See Notes 1 and 2 on the Index Map.



Existing Structures: 114 to 118
Proposed Structures: 19 to 23



- Proposed Structure
- Existing APCo Structure to be Removed
- Component 2 Proposed Route (Single Circuit)
- x—x Existing Transmission Line to be Retired
- Proposed Right-of-Way (100')
- Filing Corridor (See Note 1)
- Road
- Stream (NHD)
- Map Tile
- Parcel Boundary (See Note 2)

Patrick & Floyd Counties,
Virginia

Date: 5/4/2023; Author: elundy; Project: 158529

0 500 1,000
Feet

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Exhibit 8: Component 2 GIS Constraints Map

Stuart Area Transmission
Improvements Project
Component 2:
Mayo River (Stuart) to Floyd
Transmission Improvements

An AEP Company

See Notes 1 and 2 on the Index Map.



Existing Structures: 110 to 114
Proposed Structures: 23 to 26



Proposed Structure	Existing Transmission Line to be Retired	Stream (NHD)
Existing APCo Structure to be Removed	Proposed Right-of-Way (100')	Map Tile
Component 2 Proposed Route (Single Circuit)	Filing Corridor (See Note 1)	Parcel Boundary (See Note 2)

Patrick & Floyd Counties, Virginia

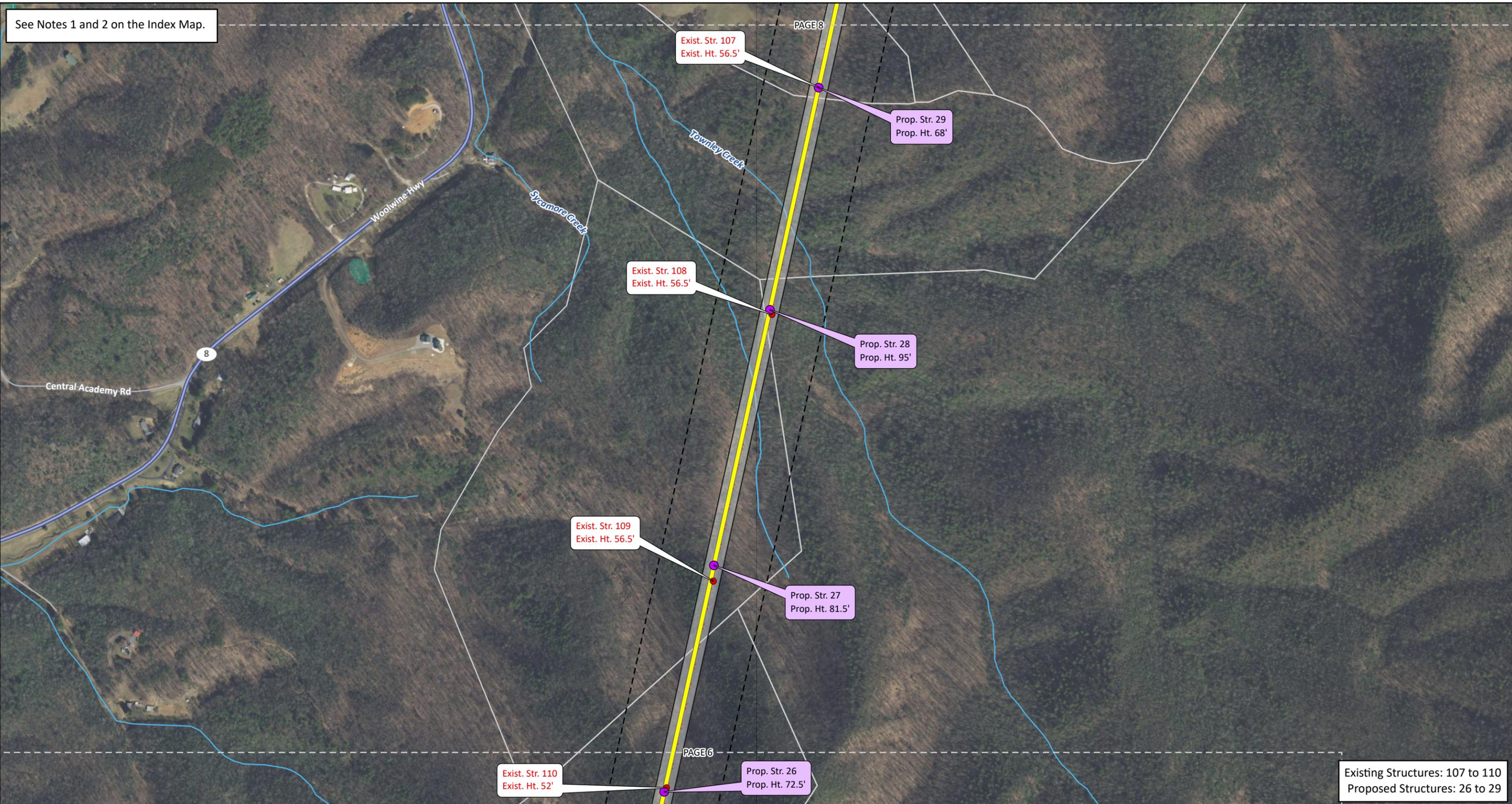
Date: 5/4/2023; Author: elundy; Project: 158529

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**Exhibit 8:
Component 2
GIS Constraints Map**

Stuart Area Transmission Improvements Project
Component 2:
Mayo River (Stuart) to Floyd Transmission Improvements

See Notes 1 and 2 on the Index Map.



Existing Structures: 107 to 110
Proposed Structures: 26 to 29



Proposed Structure	Proposed Right-of-Way (100')	Stream (NHD)
Existing APCo Structure to be Removed	Filing Corridor (See Note 1)	Wetland (NWI)
Component 2 Proposed Route (Single Circuit)	Highway	Map Tile
Existing Transmission Line to be Retired	Scenic Route 8	Parcel Boundary (See Note 2)
	Road	

Patrick & Floyd Counties,
Virginia

Date: 5/4/2023; Author: elundy; Project: 158529

0 500 1,000
Feet

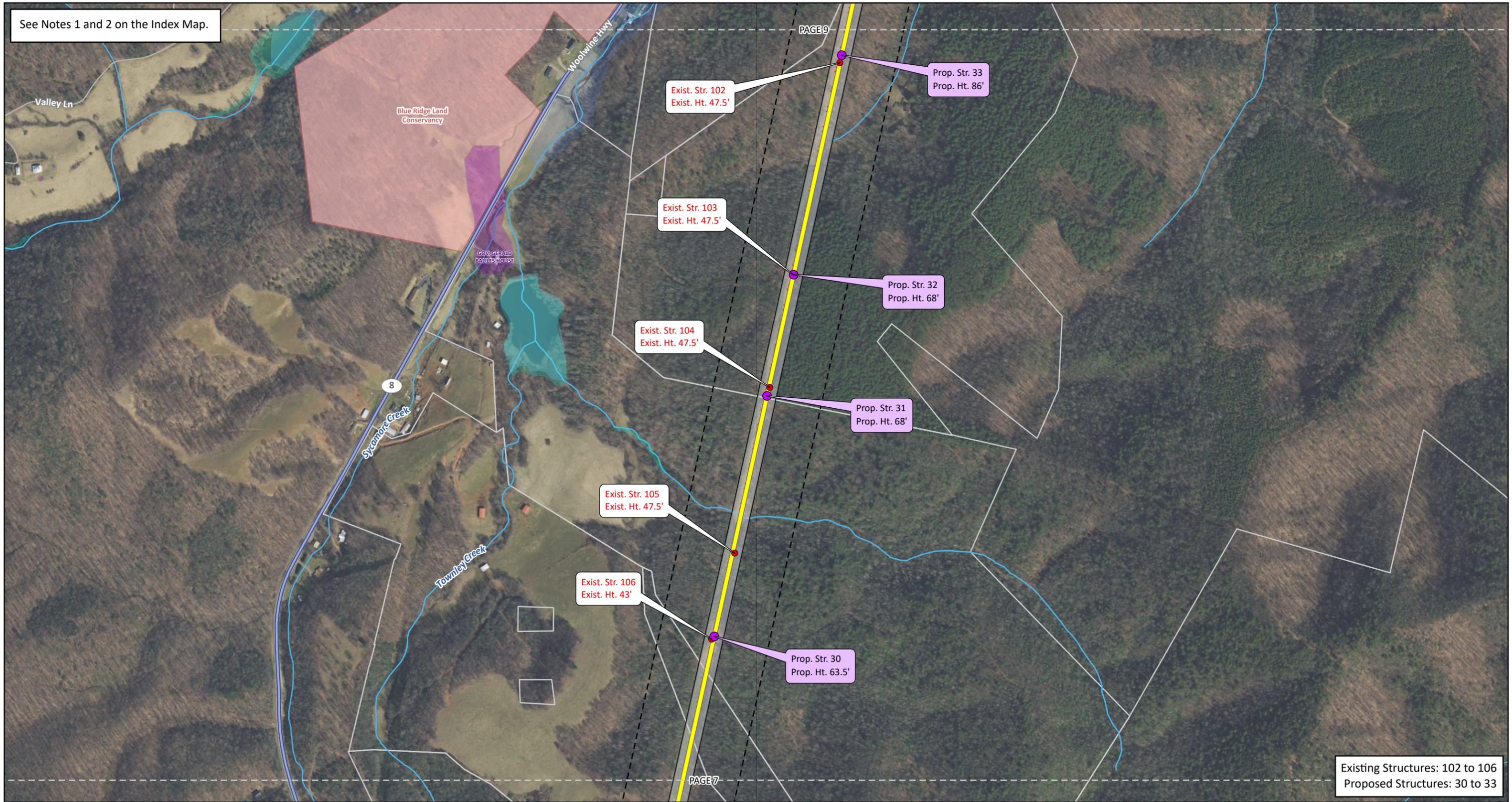
Map 7 of 27

Exhibit 8: Component 2 GIS Constraints Map

Stuart Area Transmission
Improvements Project
Component 2:
Mayo River (Stuart) to Floyd
Transmission Improvements

An AEP Company

See Notes 1 and 2 on the Index Map.



Existing Structures: 102 to 106
Proposed Structures: 30 to 33



	Proposed Structure		Filing Corridor (See Note 1)		Wetland (NWI)
	Existing APCo Structure to be Removed		Highway		Floodplain
	Component 2 Proposed Route (Single Circuit)		Scenic Route 8		Local Conservation Land
	Existing Transmission Line to be Retired		Road		Architectural Resource (VDHR)
	Proposed Right-of-Way (100')		Stream (NHD)		Map Tile
			Waterbody (NHD)		Parcel Boundary (See Note 2)

Patrick & Floyd Counties, Virginia

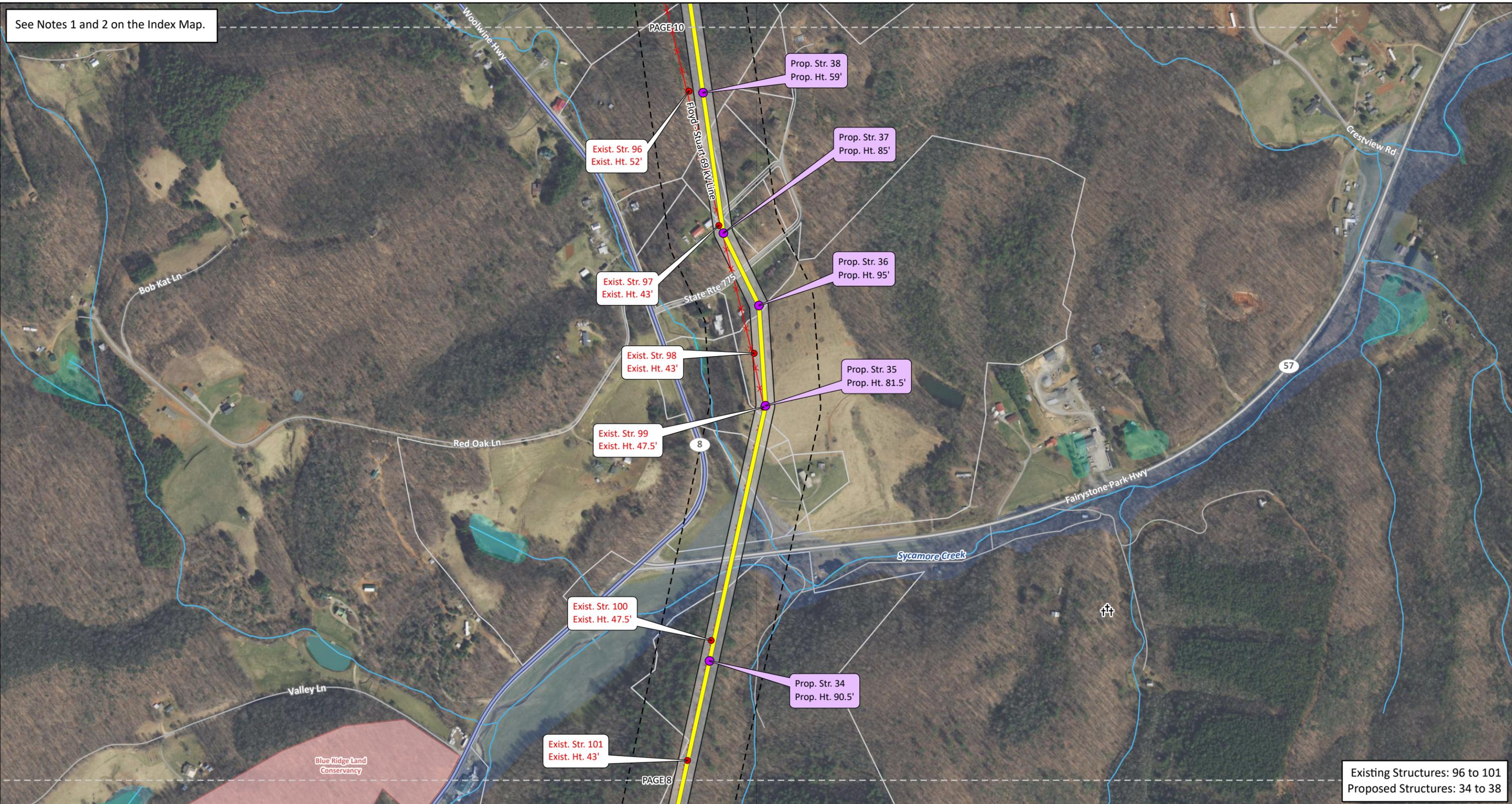
Date: 5/4/2023; Author: elundy; Project: 158529

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**Exhibit 8:
Component 2
GIS Constraints Map**

Stuart Area Transmission Improvements Project
Component 2:
Mayo River (Stuart) to Floyd Transmission Improvements

See Notes 1 and 2 on the Index Map.



Existing Structures: 96 to 101
Proposed Structures: 34 to 38



Proposed Structure	Filing Corridor (See Note 1)	Wetland (NWI)
Existing APCo Structure to be Removed	Cemetery	Floodplain
Component 2 Proposed Route (Single Circuit)	Highway	Local Conservation Land
Existing Transmission Line to be Retired	Scenic Route 8	Architectural Resource (VDHR)
Proposed Right-of-Way (100')	Road	Map Tile
	Stream (NHD)	Parcel Boundary (See Note 2)
	Waterbody (NHD)	

Patrick & Floyd Counties, Virginia

Date: 5/4/2023; Author: elundy; Project: 158529

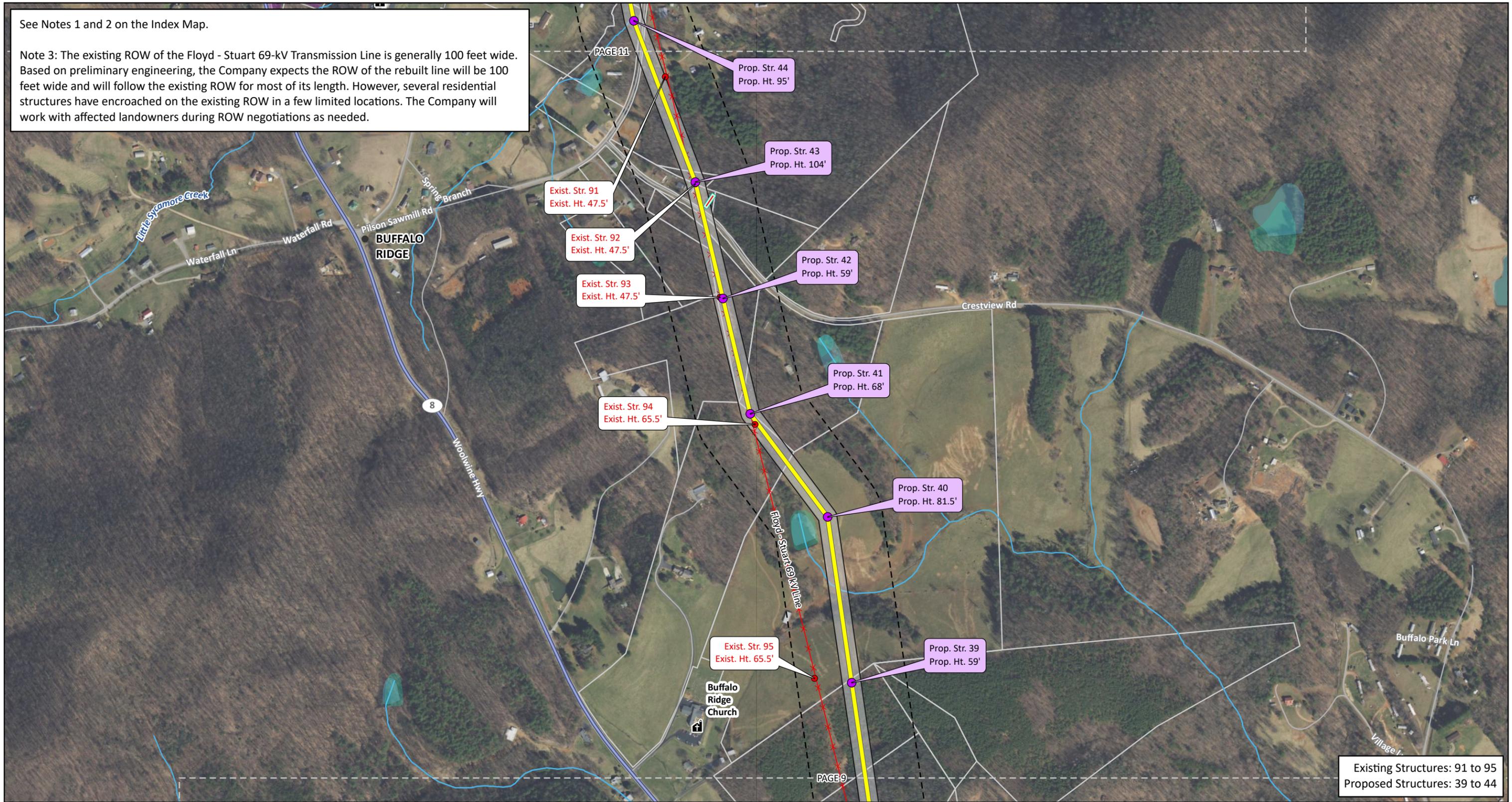
Map 9 of 27

Exhibit 8:
Component 2
GIS Constraints Map

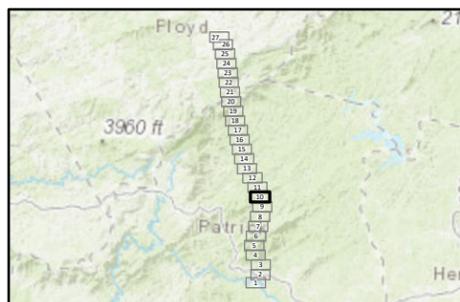
Stuart Area Transmission Improvements Project
Component 2:
Mayo River (Stuart) to Floyd Transmission Improvements

See Notes 1 and 2 on the Index Map.

Note 3: The existing ROW of the Floyd - Stuart 69-kV Transmission Line is generally 100 feet wide. Based on preliminary engineering, the Company expects the ROW of the rebuilt line will be 100 feet wide and will follow the existing ROW for most of its length. However, several residential structures have encroached on the existing ROW in a few limited locations. The Company will work with affected landowners during ROW negotiations as needed.



Existing Structures: 91 to 95
Proposed Structures: 39 to 44



<ul style="list-style-type: none"> ● Proposed Structure ● Existing APCo Structure to be Removed Component 2 Proposed Route (Single Circuit) X Existing Transmission Line to be Retired 	<ul style="list-style-type: none"> Proposed Right-of-Way (100') Filing Corridor (See Note 1) Residential Structure (within proposed 100' ROW) (See Note 3) ⛪ Place of Worship ● Populated Place 	<ul style="list-style-type: none"> Highway Scenic Route 8 Road Stream (NHD) Waterbody (NHD) 	<ul style="list-style-type: none"> Wetland (NWI) Architectural Resource (VDHR) Map Tile Parcel Boundary (See Note 2)
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Patrick & Floyd Counties,
Virginia

Date: 5/4/2023; Author: elundy; Project: 158529

0

500

1,000

Feet

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Exhibit 8: Component 2 GIS Constraints Map

An AEP Company

Stuart Area Transmission
Improvements Project
Component 2:
Mayo River (Stuart) to Floyd
Transmission Improvements

See Notes 1 and 2 on the Index Map.



Existing Structures: 87 to 90
Proposed Structures: 44 to 47



Proposed Structure	Filing Corridor (See Note 1)	Stream (NHD)
Existing APCo Structure to be Removed	Place of Worship	Waterbody (NHD)
Component 2 Proposed Route (Single Circuit)	Cemetery	Wetland (NWI)
Existing Transmission Line to be Retired	Highway	Architectural Resource (VDHR)
Proposed Right-of-Way (100')	Scenic Route 8	Map Tile
	Road	Parcel Boundary (See Note 2)

Patrick & Floyd Counties, Virginia

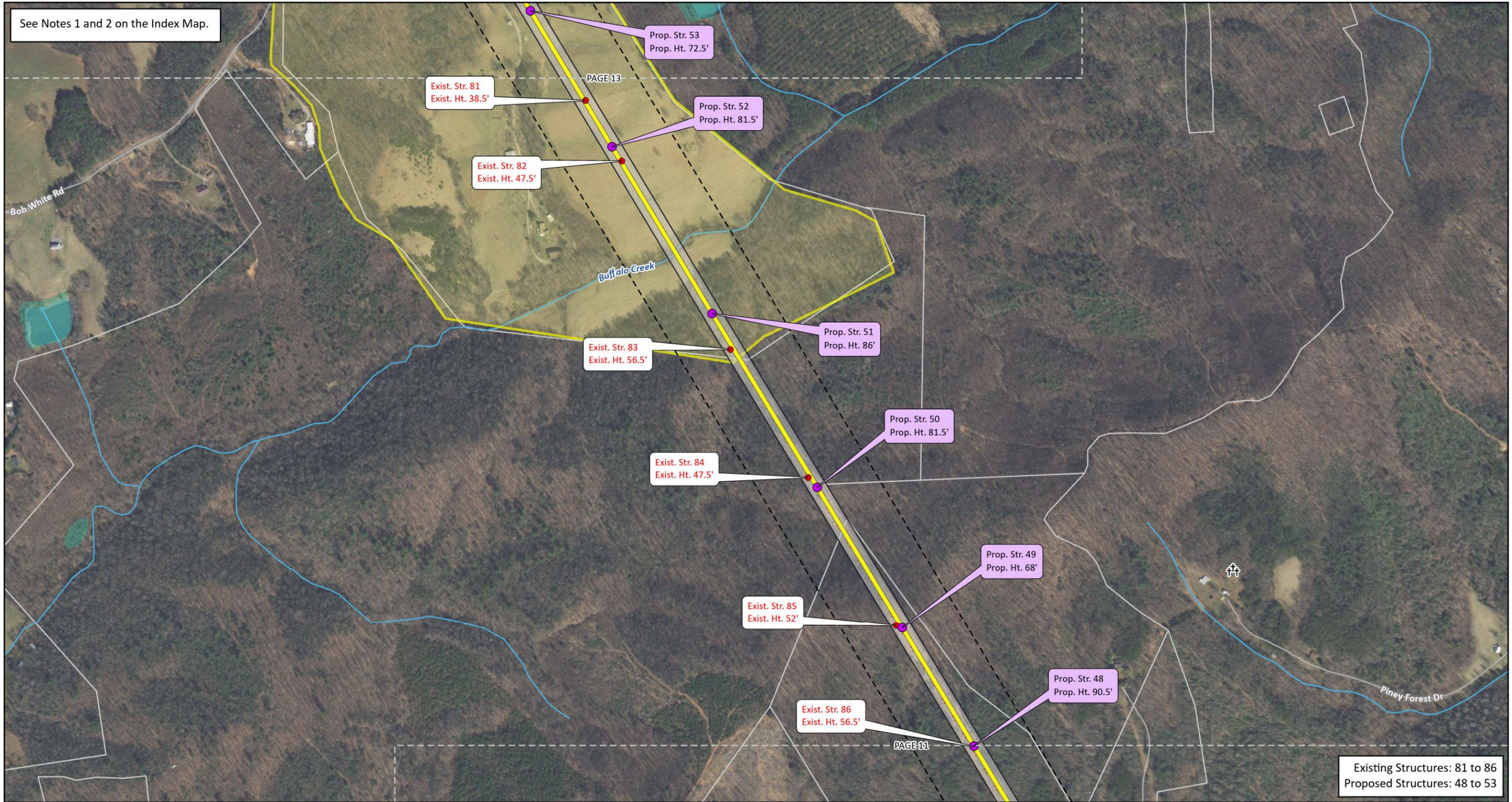
Date: 5/4/2023; Author: elundy; Project: 158529

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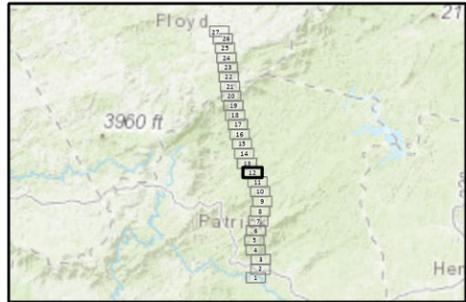
**Exhibit 8:
Component 2
GIS Constraints Map**

Stuart Area Transmission Improvements Project
Component 2:
Mayo River (Stuart) to Floyd Transmission Improvements

See Notes 1 and 2 on the Index Map.



Existing Structures: 81 to 86
Proposed Structures: 48 to 53



Proposed Structure	Proposed Right-of-Way (100')	Wetland (NWI)
Existing APCo Structure to be Removed	Filing Corridor (See Note 1)	VOF Easement
Component 2 Proposed Route (Single Circuit)	Cemetery	Map Tile
Existing Transmission Line to be Retired	Road	Parcel Boundary (See Note 2)
	Stream (NHD)	
	Waterbody (NHD)	

Patrick & Floyd Counties,
Virginia

Date: 5/4/2023; Author: elundy; Project: 158529

0 500 1,000
Feet

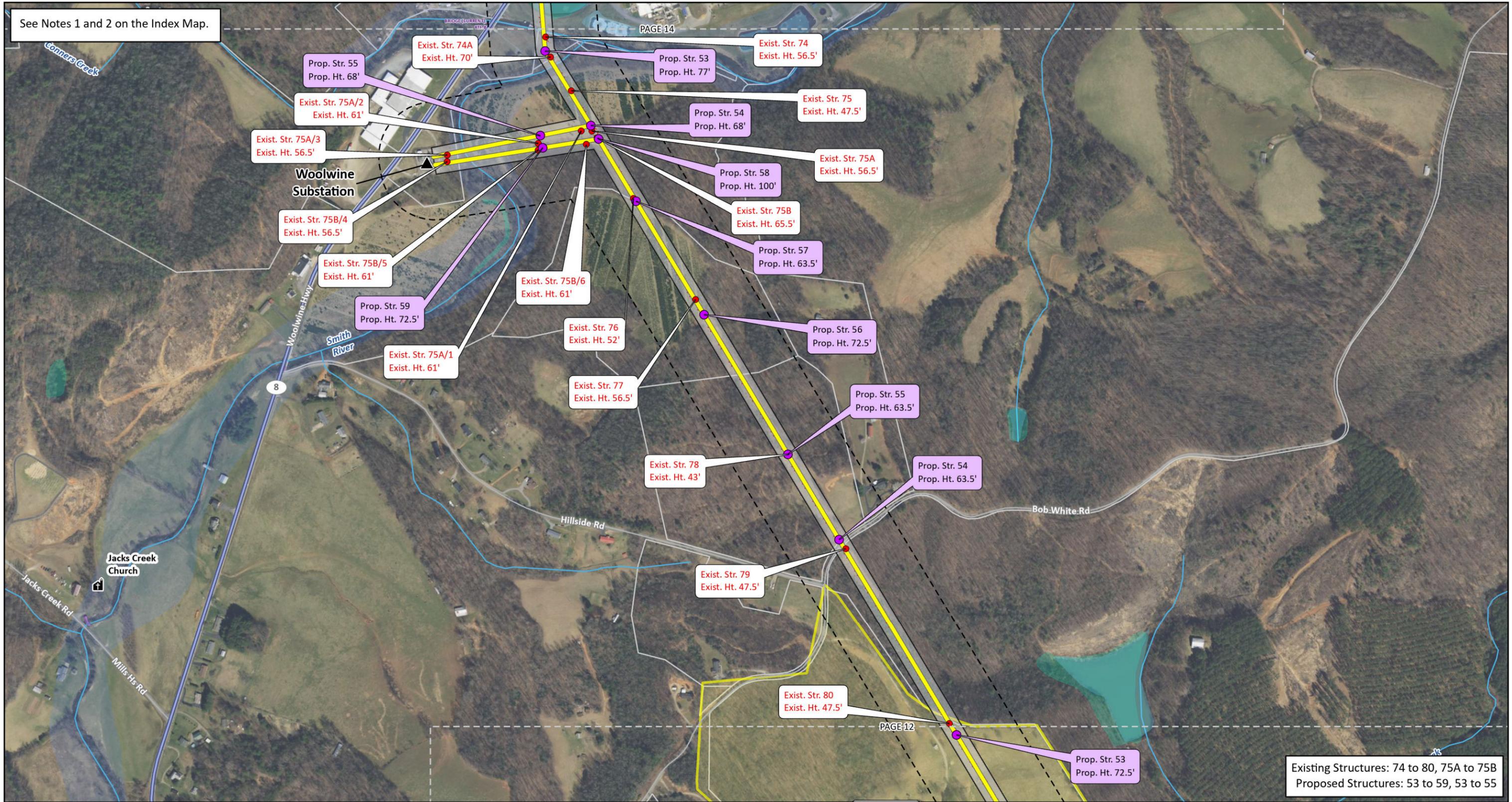
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Exhibit 8: Component 2 GIS Constraints Map

Stuart Area Transmission
Improvements Project
Component 2:
Mayo River (Stuart) to Floyd
Transmission Improvements

An AEP Company

See Notes 1 and 2 on the Index Map.



Existing Structures: 74 to 80, 75A to 75B
Proposed Structures: 53 to 59, 53 to 55



▲ Existing APCo Substation	✂ Existing Transmission Line to be Retired	— Scenic Route 8	■ Floodplain
● Proposed Structure	▭ Proposed Right-of-Way (100')	— Road	■ VOF Easement
● Existing APCo Structure to be Removed	▭ Filling Corridor (See Note 1)	— Stream (NHD)	■ Architectural Resource (VDHR)
— Component 2 Proposed Route (Single Circuit)	🏠 Place of Worship	■ Waterbody (NHD)	▭ Map Tile
	— Highway	■ Wetland (NWI)	▭ Parcel Boundary (See Note 2)

Patrick & Floyd Counties, Virginia

Date: 5/4/2023; Author: elundy; Project: 158529

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Exhibit 8: Component 2 GIS Constraints Map

Stuart Area Transmission Improvements Project
Component 2:
Mayo River (Stuart) to Floyd Transmission Improvements

See Notes 1 and 2 on the Index Map.



Existing Structures: 69 to 73
Proposed Structures: 49 to 52



Proposed Structure	Filing Corridor (See Note 1)	Waterbody (NHD)
Existing APCo Structure to be Removed	Cemetery	Wetland (NWI)
Component 2 Proposed Route (Single Circuit)	Highway	Floodplain
Existing Transmission Line to be Retired	Scenic Route 8	Architectural Resource (VDHR)
Proposed Right-of-Way (100')	Road	Map Tile
	Stream (NHD)	Parcel Boundary (See Note 2)
	River (NHD)	

Patrick & Floyd Counties, Virginia

Date: 5/4/2023; Author: elundy; Project: 158529

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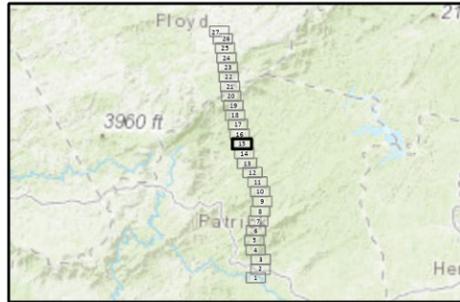
Exhibit 8: Component 2 GIS Constraints Map

Stuart Area Transmission Improvements Project
Component 2:
Mayo River (Stuart) to Floyd Transmission Improvements

See Notes 1 and 2 on the Index Map.



Existing Structures: 63 to 68
Proposed Structures: 45 to 48



Proposed Structure	Proposed Right-of-Way (100')	Populated Place	Wetland (NWI)
Existing APCo Structure to be Removed	Filing Corridor (See Note 1)	Highway	Floodplain
Component 2 Proposed Route (Single Circuit)	Place of Worship	Scenic Route 8	VOF Easement
Existing Transmission Line to be Retired	School	Road	Architectural Resource (VDHR)
	Cemetery	Stream (NHD)	Map Tile
		Waterbody (NHD)	Parcel Boundary (See Note 2)

Patrick & Floyd Counties, Virginia

Date: 5/4/2023; Author: elundy; Project: 158529

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Exhibit 8: Component 2 GIS Constraints Map

Stuart Area Transmission Improvements Project
Component 2:
Mayo River (Stuart) to Floyd Transmission Improvements

See Notes 1 and 2 on the Index Map.



Existing Structures: 58 to 63
Proposed Structures: 41 to 45



	Proposed Structure		Filing Corridor (See Note 1)		Waterbody (NHD)
	Existing APCo Structure to be Removed		Cemetery		Wetland (NWI)
	Component 2 Proposed Route (Single Circuit)		Birding and Wildlife Trail Sites		Floodplain
	Existing Transmission Line to be Retired		Highway		Architectural Resource (VDHR)
	Proposed Right-of-Way (100')		Road		Map Tile
			Stream (NHD)		Parcel Boundary (See Note 2)

Patrick & Floyd Counties, Virginia

Date: 5/4/2023; Author: elundy; Project: 158529

0 500 1,000
Feet

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**Exhibit 8:
Component 2
GIS Constraints Map**

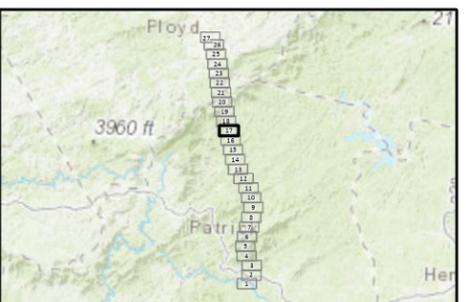
Stuart Area Transmission Improvements Project
Component 2:
Mayo River (Stuart) to Floyd Transmission Improvements

APPALACHIAN POWER
An AEP Company

See Notes 1 and 2 on the Index Map.



Existing Structures: 52 to 58
Proposed Structures: 37 to 41



Proposed Structure	Proposed Right-of-Way (100')	Waterbody (NHD)
Existing APCo Structure to be Removed	Filing Corridor (See Note 1)	Wetland (NWI)
Component 2 Proposed Route (Single Circuit)	Cemetery	Floodplain
Existing Transmission Line to be Retired	Highway	Local Conservation Land
	Road	Map Tile
	Stream (NHD)	Parcel Boundary (See Note 2)

Patrick & Floyd Counties, Virginia

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Exhibit 8: Component 2 GIS Constraints Map

Stuart Area Transmission Improvements Project
Component 2:
Mayo River (Stuart) to Floyd Transmission Improvements

See Notes 1 and 2 on the Index Map.



Existing Structures: 46 to 51
Proposed Structures: 33 to 37



Proposed Structure	Existing Transmission Line to be Retired	Stream (NHD)
Existing APCo Structure to be Removed	Proposed Right-of-Way (100')	Waterbody (NHD)
Component 2 Proposed Route (Single Circuit)	Filing Corridor (See Note 1)	Map Tile
	Road	Parcel Boundary (See Note 2)

Patrick & Floyd Counties, Virginia

Date: 5/4/2023; Author: elundy; Project: 158529

0 500 1,000 Feet

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**Exhibit 8:
Component 2
GIS Constraints Map**

Stuart Area Transmission Improvements Project
Component 2:
Mayo River (Stuart) to Floyd Transmission Improvements

See Notes 1 and 2 on the Index Map.



Existing Structures: 42 to 45
Proposed Structures: 31 to 32



Proposed Structure	Proposed Right-of-Way (100')	Wetland (NWI)
Existing APCo Structure to be Removed	Filing Corridor (See Note 1)	Architectural Resource (VDHR)
Component 2 Proposed Route (Single Circuit)	Cemetery	Map Tile
Existing Transmission Line to be Retired	Road	Parcel Boundary (See Note 2)
	Stream (NHD)	
	Waterbody (NHD)	

Patrick & Floyd Counties, Virginia

Date: 5/4/2023; Author: elundy; Project: 158529

0 500 1,000 Feet

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**Exhibit 8:
Component 2
GIS Constraints Map**

APPALACHIAN POWER
An AEP Company

Stuart Area Transmission Improvements Project
Component 2:
Mayo River (Stuart) to Floyd Transmission Improvements

See Notes 1 and 2 on the Index Map.



Existing Structures: 38 to 41
Proposed Structures: 29 to 30



	Proposed Structure		Filing Corridor (See Note 1)		Wetland (NWI)
	Existing APCo Structure to be Removed		Highway		Federal Easement
	Component 2 Proposed Route (Single Circuit)		Road		Blue Ridge Parkway National Parkway
	Existing Transmission Line to be Retired		Stream (NHD)		Federal Conservation Land
	Proposed Right-of-Way (100')		County Boundary		Map Tile
			Waterbody (NHD)		Parcel Boundary (See Note 2)

Patrick & Floyd Counties,
Virginia

Date: 5/4/2023; Author: elundy; Project: 158529

0 500 1,000
Feet

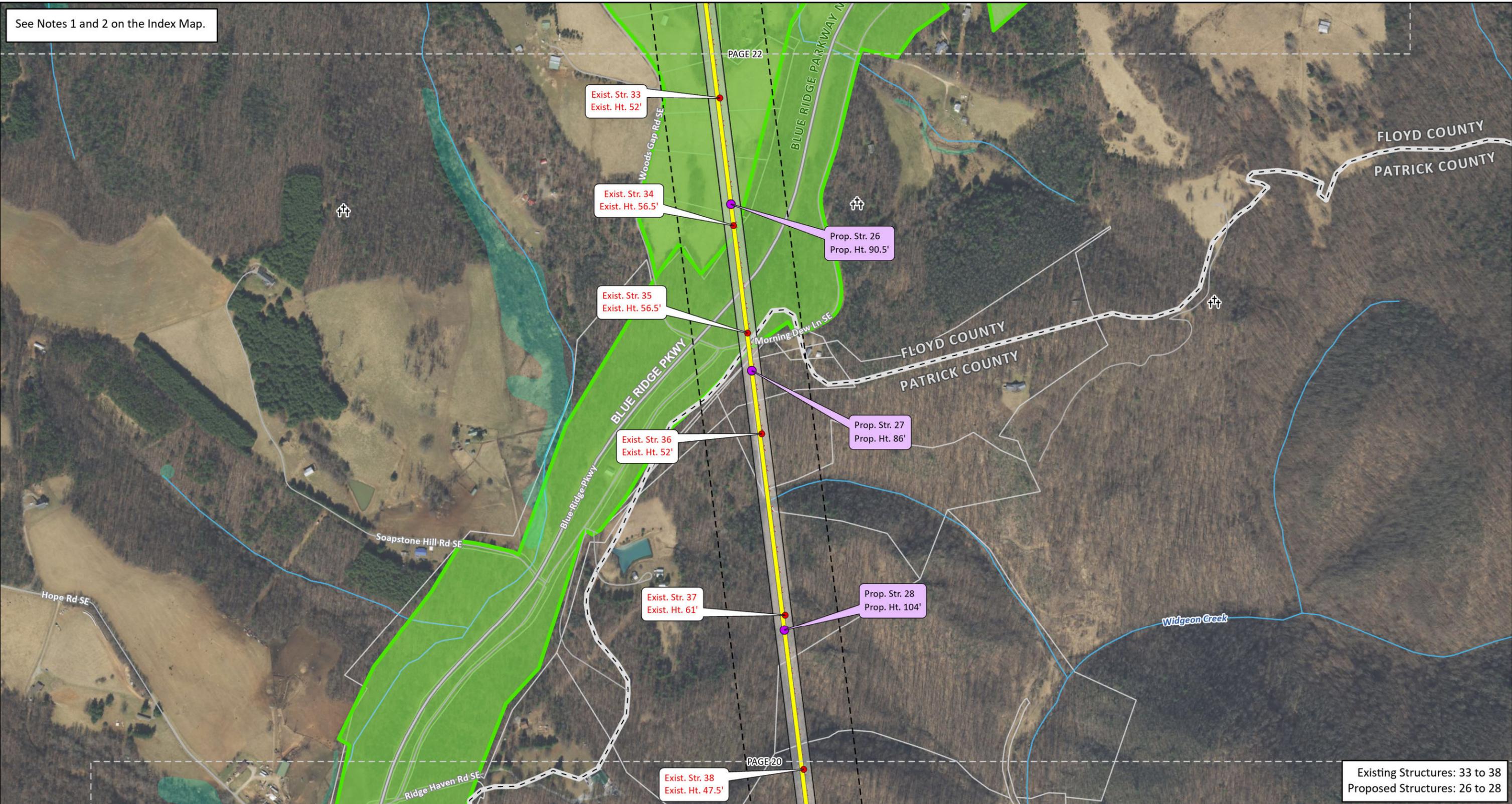
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Exhibit 8: Component 2 GIS Constraints Map

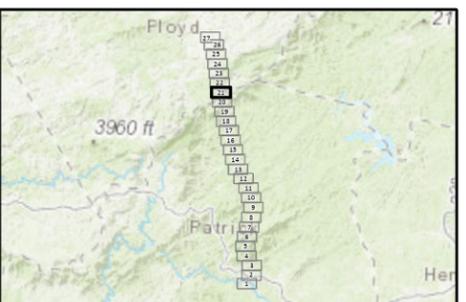
Stuart Area Transmission
Improvements Project
Component 2:
Mayo River (Stuart) to Floyd
Transmission Improvements

An AEP Company

See Notes 1 and 2 on the Index Map.



Existing Structures: 33 to 38
Proposed Structures: 26 to 28



Proposed Structure	Filing Corridor (See Note 1)	Waterbody (NHD)
Existing APCo Structure to be Removed	Cemetery	Wetland (NWI)
Component 2 Proposed Route (Single Circuit)	Highway	Blue Ridge Parkway National Parkway
Existing Transmission Line to be Retired	Road	Federal Conservation Land
Proposed Right-of-Way (100')	Stream (NHD)	Map Tile
	County Boundary	Parcel Boundary (See Note 2)

Patrick & Floyd Counties, Virginia

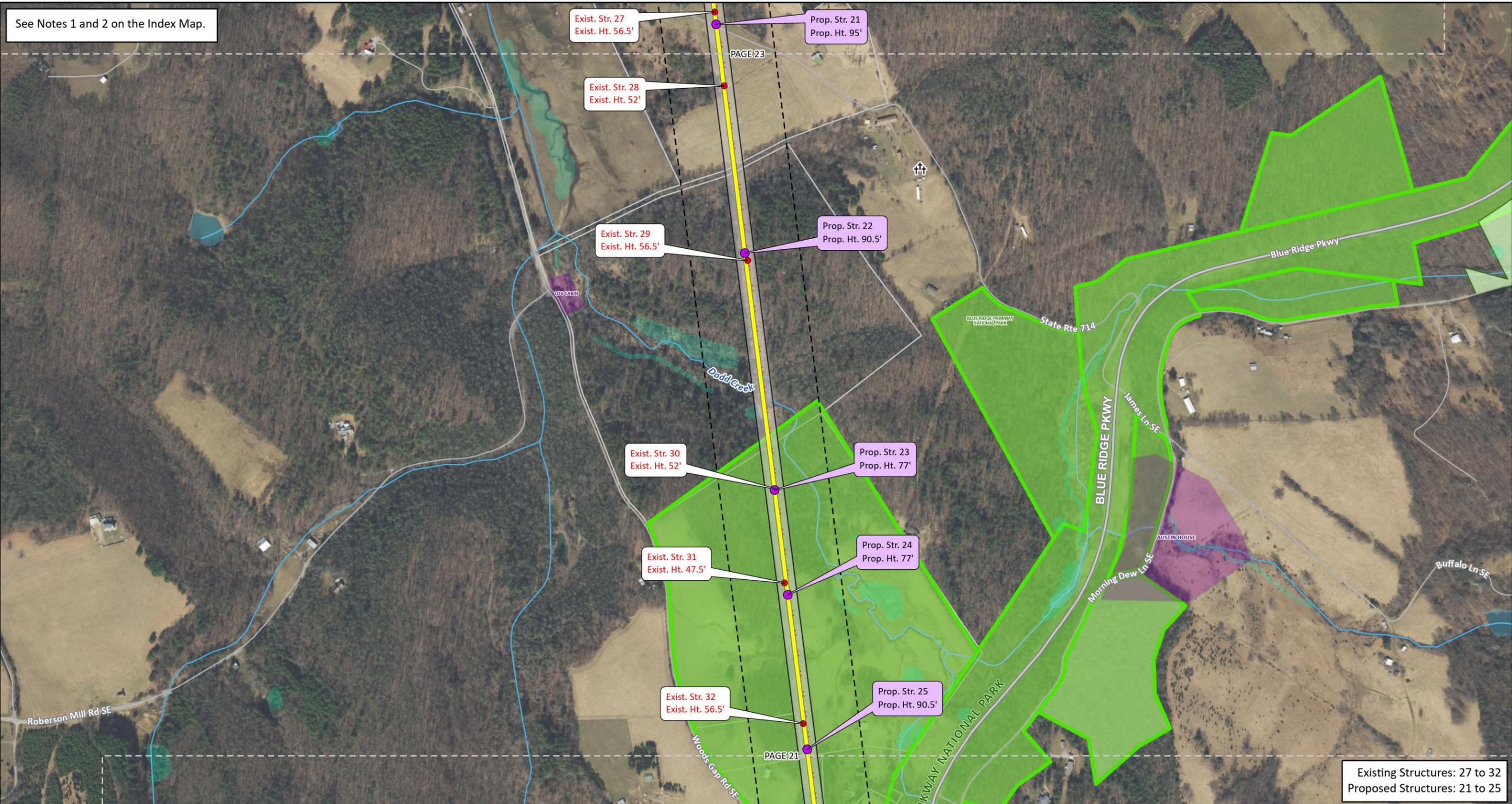
Date: 5/4/2023; Author: elundy; Project: 158529

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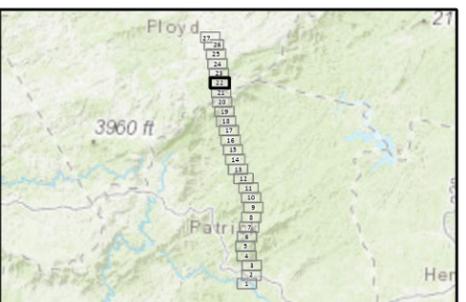
**Exhibit 8:
Component 2
GIS Constraints Map**

Stuart Area Transmission Improvements Project
Component 2:
Mayo River (Stuart) to Floyd Transmission Improvements

See Notes 1 and 2 on the Index Map.



Existing Structures: 27 to 32
Proposed Structures: 21 to 25



<ul style="list-style-type: none"> ● Proposed Structure ● Existing APCo Structure to be Removed Component 2 Proposed Route (Single Circuit) 	<ul style="list-style-type: none"> ✂ Existing Transmission Line to be Retired Proposed Right-of-Way (100') Filing Corridor (See Note 1) †† Cemetery Highway 	<ul style="list-style-type: none"> Road Stream (NHD) Waterbody (NHD) Wetland (NWI) Federal Easement 	<ul style="list-style-type: none"> Blue Ridge Parkway National Parkway Federal Conservation Land Architectural Resource (VDHR) Map Tile Parcel Boundary (See Note 2)
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**Patrick & Floyd Counties,
Virginia**

Date: 5/4/2023; Author: elundy; Project: 158529

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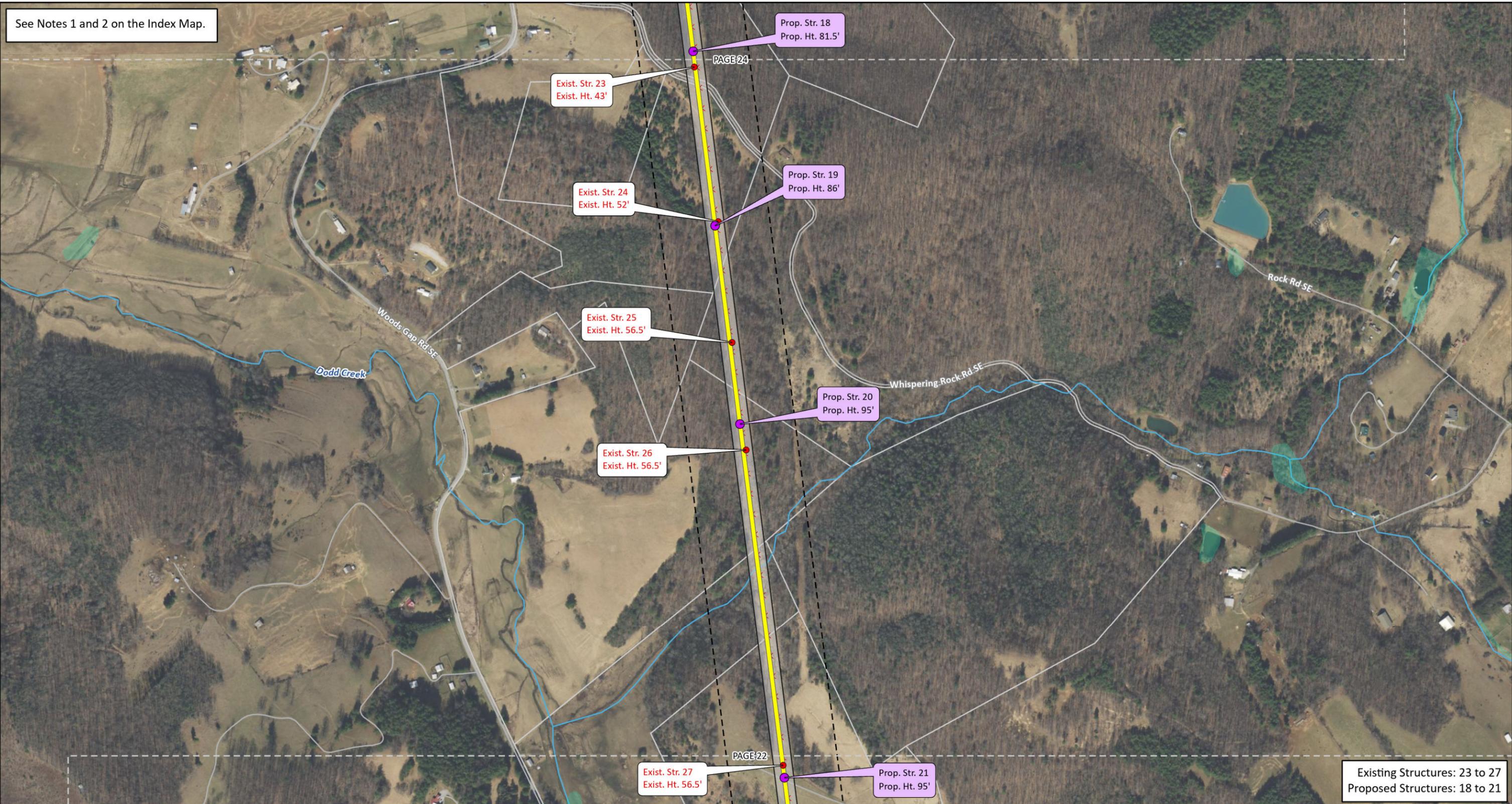
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**Exhibit 8:
Component 2
GIS Constraints Map**

An AEP Company

Stuart Area Transmission
Improvements Project
Component 2:
Mayo River (Stuart) to Floyd
Transmission Improvements

See Notes 1 and 2 on the Index Map.



Existing Structures: 23 to 27
Proposed Structures: 18 to 21



<ul style="list-style-type: none"> ● Proposed Structure ● Existing APCo Structure to be Removed Component 2 Proposed Route (Single Circuit) 	<ul style="list-style-type: none"> ✂ Existing Transmission Line to be Retired Proposed Right-of-Way (100') Filing Corridor (See Note 1) Road 	<ul style="list-style-type: none"> Stream (NHD) Waterbody (NHD) Wetland (NWI) Map Tile Parcel Boundary (See Note 2)
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Patrick & Floyd Counties,
Virginia

Date: 5/4/2023; Author: elundy; Project: 158529

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Feet

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Exhibit 8: Component 2 GIS Constraints Map



An AEP Company

Stuart Area Transmission
Improvements Project
Component 2:
Mayo River (Stuart) to Floyd
Transmission Improvements

See Notes 1 and 2 on the Index Map.



Existing Structures: 18 to 22
Proposed Structures: 14 to 18



- | | | |
|---|--|--------------------------------|
| ● Proposed Structure | ✂ Existing Transmission Line to be Retired | ■ Waterbody (NHD) |
| ● Existing APCo Structure to be Removed | ▭ Proposed Right-of-Way (100') | ■ Wetland (NWI) |
| — Component 2 Proposed Route (Single Circuit) | - - - Filing Corridor (See Note 1) | - - - Map Tile |
| — Existing APCo Transmission Line (345 kV +) | — Road | ▭ Parcel Boundary (See Note 2) |
| | — Stream (NHD) | |

Patrick & Floyd Counties, Virginia

Date: 5/4/2023; Author: elundy; Project: 158529

0 500 1,000
Feet

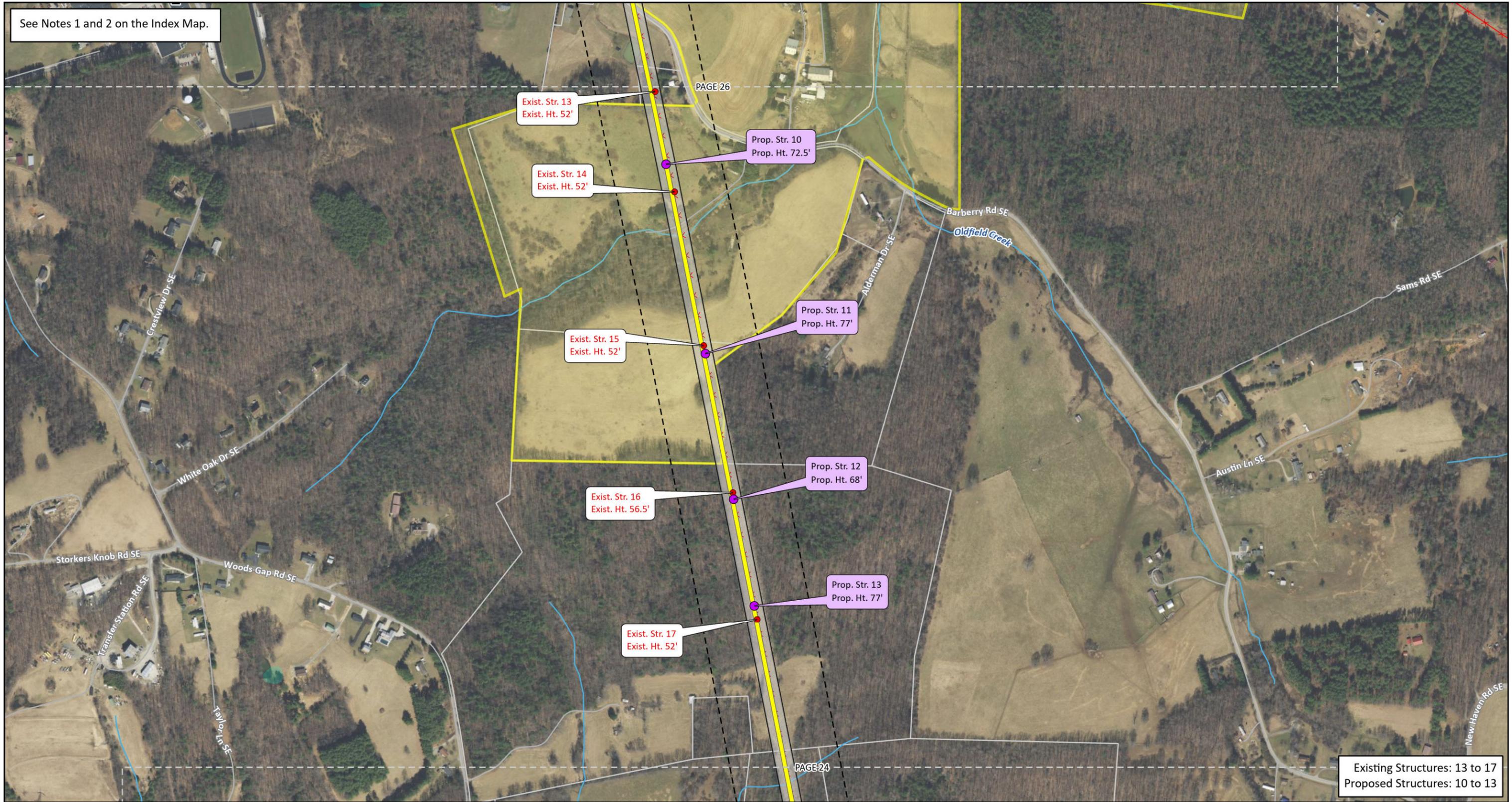
Map 24 of 27

**Exhibit 8:
Component 2
GIS Constraints Map**

Stuart Area Transmission Improvements Project
Component 2:
Mayo River (Stuart) to Floyd Transmission Improvements

APPALACHIAN POWER
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See Notes 1 and 2 on the Index Map.



Existing Structures: 13 to 17
Proposed Structures: 10 to 13



Proposed Structure	Proposed Right-of-Way (100')	Wetland (NWI)
Existing APCo Structure to be Removed	Filing Corridor (See Note 1)	VOF Easement
Component 2 Proposed Route (Single Circuit)	School	Map Tile
Existing Transmission Line to be Retired	Road	Parcel Boundary (See Note 2)
	Stream (NHD)	

Patrick & Floyd Counties, Virginia

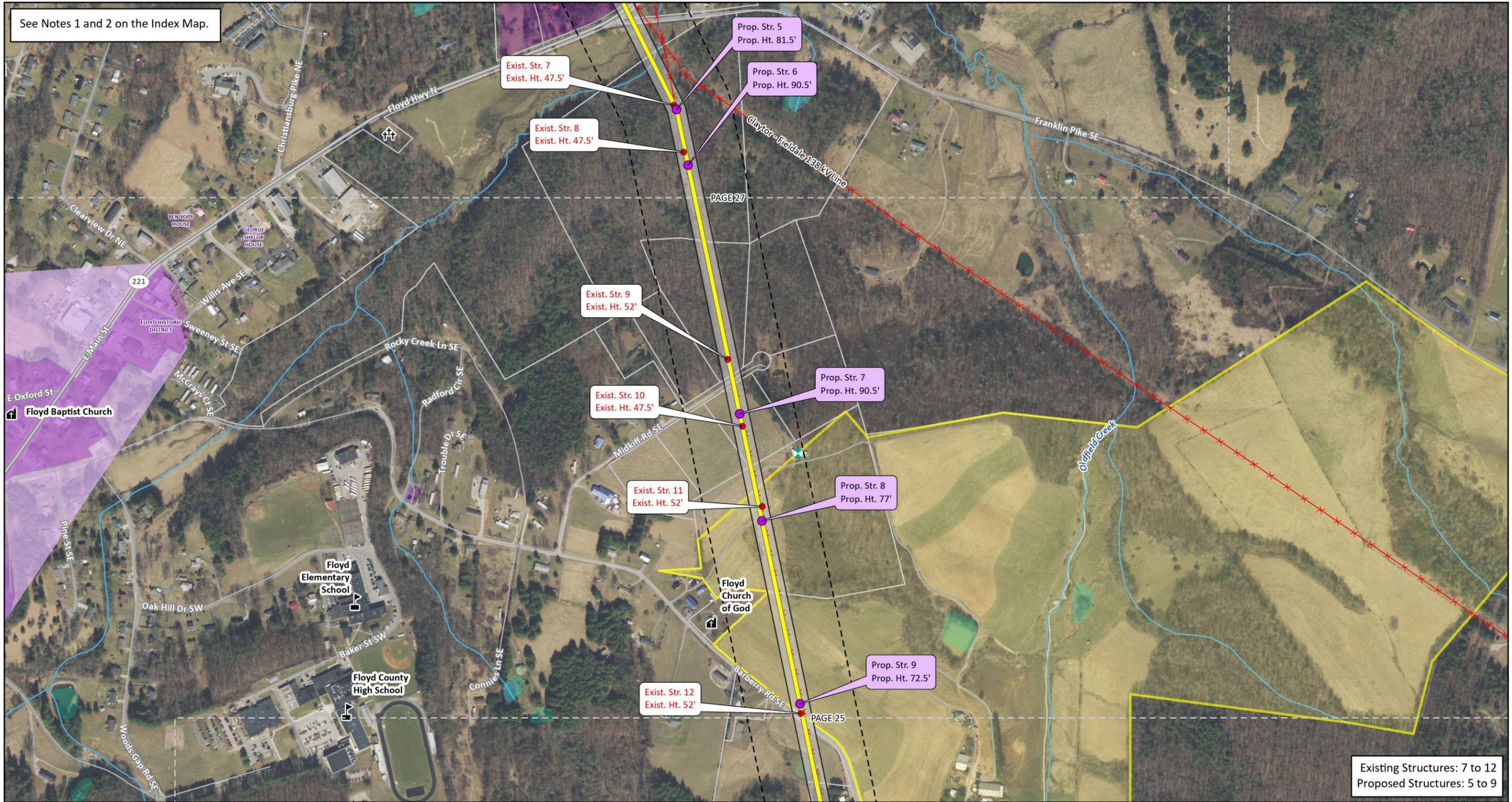
Date: 5/4/2023; Author: elundy; Project: 158529

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Exhibit 8:
Component 2
GIS Constraints Map

Stuart Area Transmission Improvements Project
Component 2:
Mayo River (Stuart) to Floyd Transmission Improvements

See Notes 1 and 2 on the Index Map.



Existing Structures: 7 to 12
Proposed Structures: 5 to 9



Proposed Structure	Proposed Right-of-Way (100')	Cell Tower (FCC)	VOF Easement
Existing APCo Structure to be Removed	Filing Corridor (See Note 1)	Highway	Architectural Resource (VDHR)
Component 2 Proposed Route (Single Circuit)	Place of Worship	Road	Historic District (NHRP)
Existing Transmission Line to be Retired	School	Stream (NHD)	Map Tile
	Cemetery	Waterbody (NHD)	Parcel Boundary (See Note 2)
		Wetland (NWI)	

Patrick & Floyd Counties, Virginia

Date: 5/4/2023; Author: elundy; Project: 158529

0 500 1,000
Feet

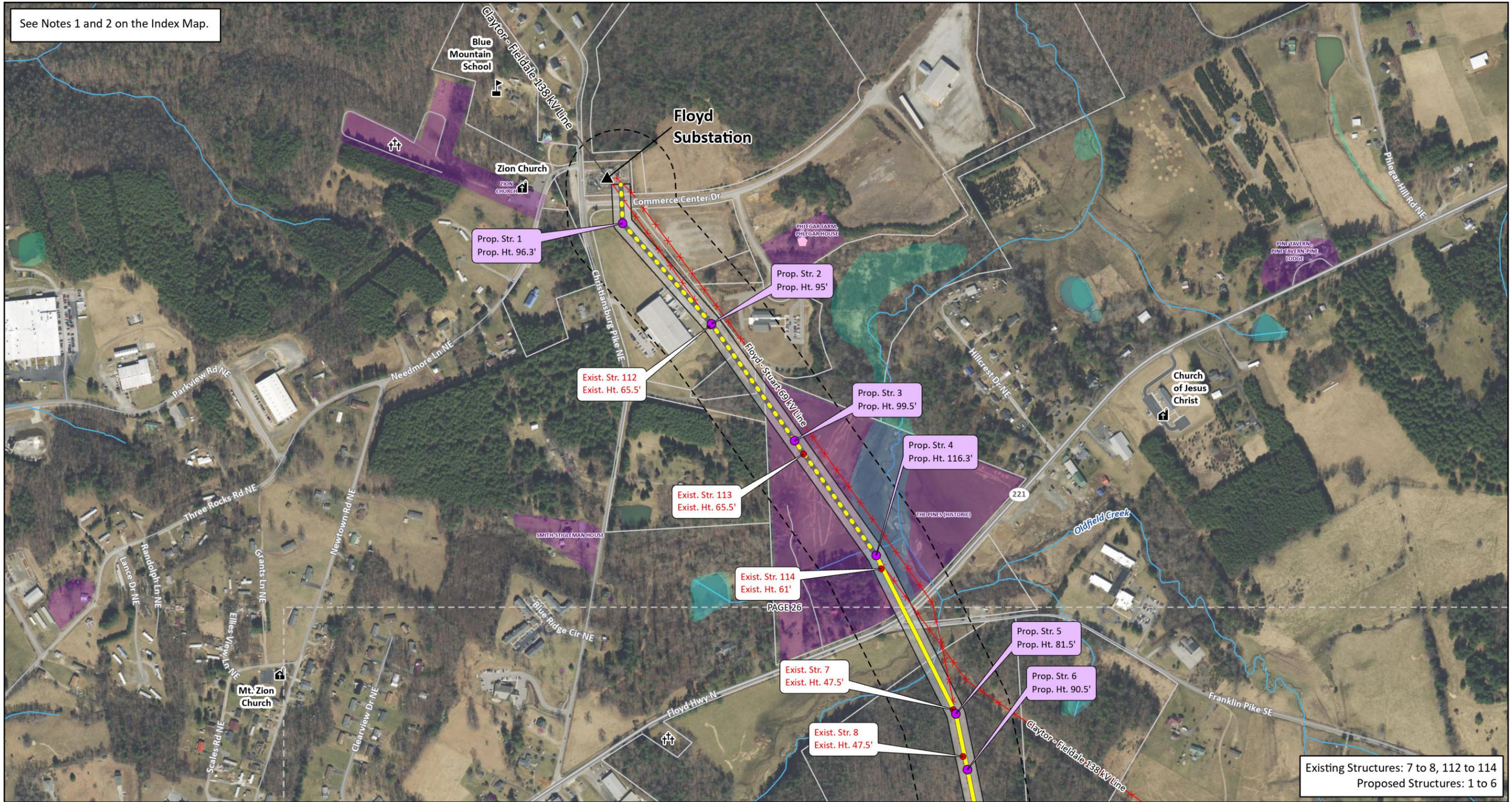
Map 26 of 27

**Exhibit 8:
Component 2
GIS Constraints Map**

Stuart Area Transmission Improvements Project
Component 2:
Mayo River (Stuart) to Floyd Transmission Improvements

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See Notes 1 and 2 on the Index Map.



Existing Structures: 7 to 8, 112 to 114
Proposed Structures: 1 to 6



▲ Existing APCo Substation	● Existing APCo Transmission Line (115 kV - 230 kV)	🏫 School	💧 Waterbody (NHD)
● Proposed Structure	✂ Existing Transmission Line to be Retired	⛔ Cemetery	🌿 Wetland (NWI)
● Existing APCo Structure to be Removed	▭ Proposed Right-of-Way (100')	🏠 NRHP Building	🏡 Architectural Resource (VDHR)
🟡 Component 2 Proposed Route (Single Circuit)	▭ Filing Corridor (See Note 1)	🛣 Highway	🗺 Map Tile
🟡 Component 2 Proposed Route (Double Circuit)	🏠 Place of Worship	🛣 Road	▭ Parcel Boundary (See Note 2)
		🌊 Stream (NHD)	

Patrick & Floyd Counties, Virginia

Date: 5/4/2023; Author: elundy; Project: 158529

0 500 1,000
Feet

Map 27 of 27

**Exhibit 8:
Component 2
GIS Constraints Map**

Stuart Area Transmission Improvements Project
Component 2:
Mayo River (Stuart) to Floyd Transmission Improvements

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