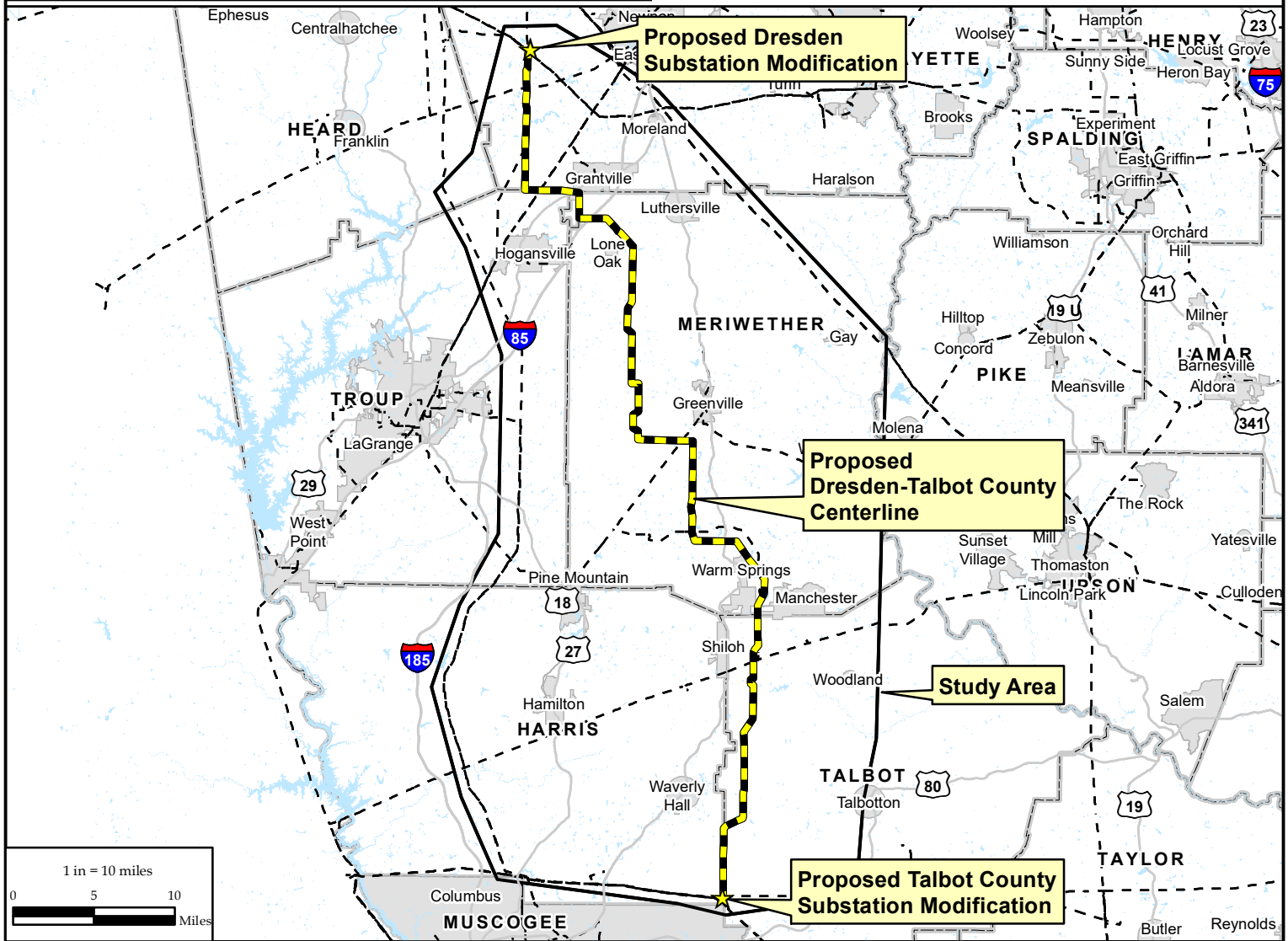
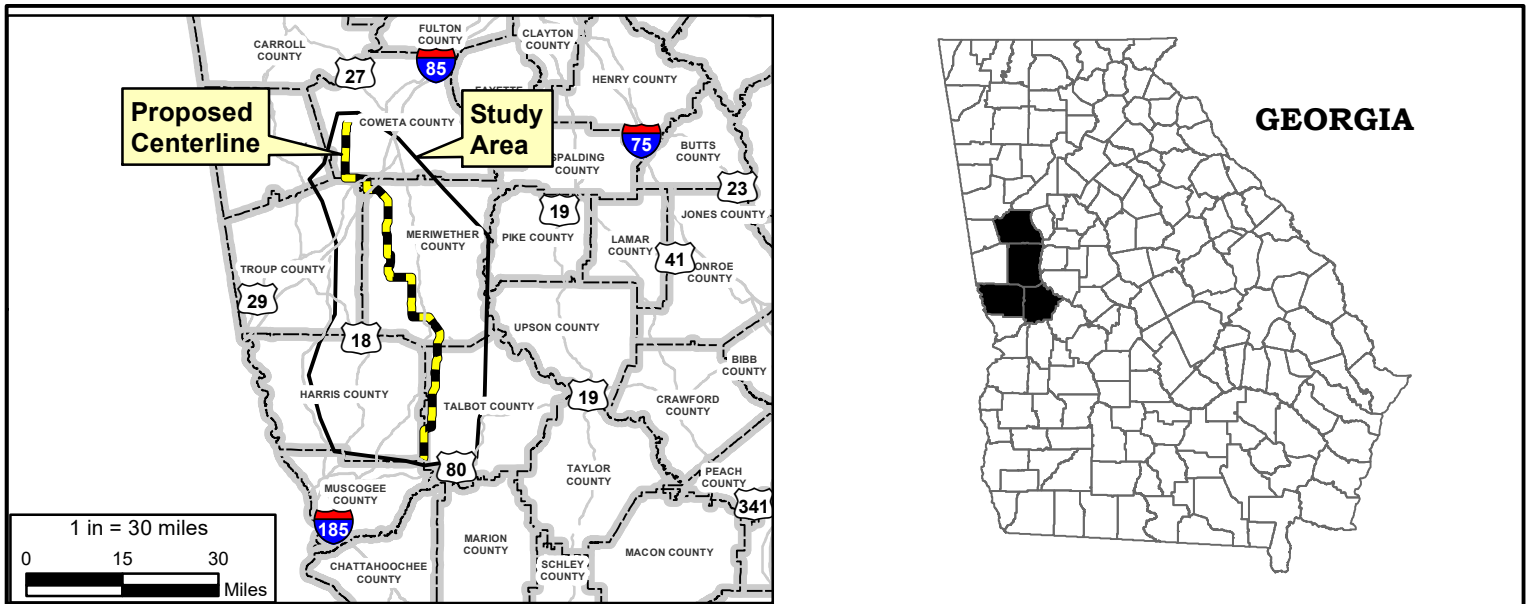

9.1 Report Figures



Dresden - Talbot County

Dresden

Talbot County

Proposed 500kV Transmission Line

Proposed 500kV Substation Modification

Proposed 500kV Substation Modification

Figure 1.0

Location Map

- Proposed Substation Modification
- Proposed Centerline
- Existing Transmission Line
- Study Area
- USGS Water Bodies
- City Limit
- Counties

Coordinates: 33.047761, -84.785969



Georgia
Transmission

V: / IMap_Projects/Location_Map

P79464 (Dresden-Talbot County)
C81667 (Dresden Substation)
C81665 (Talbot Substation)

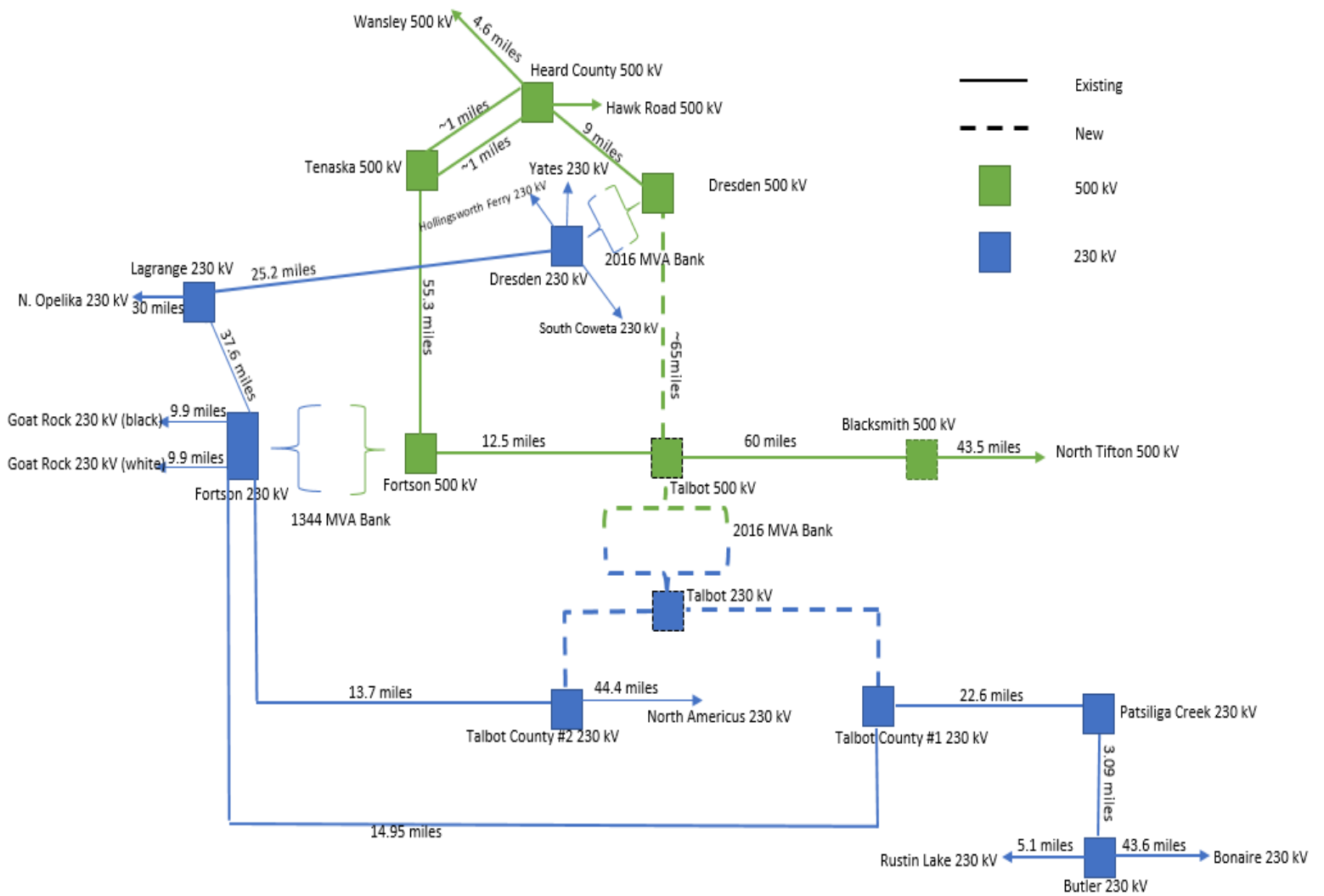
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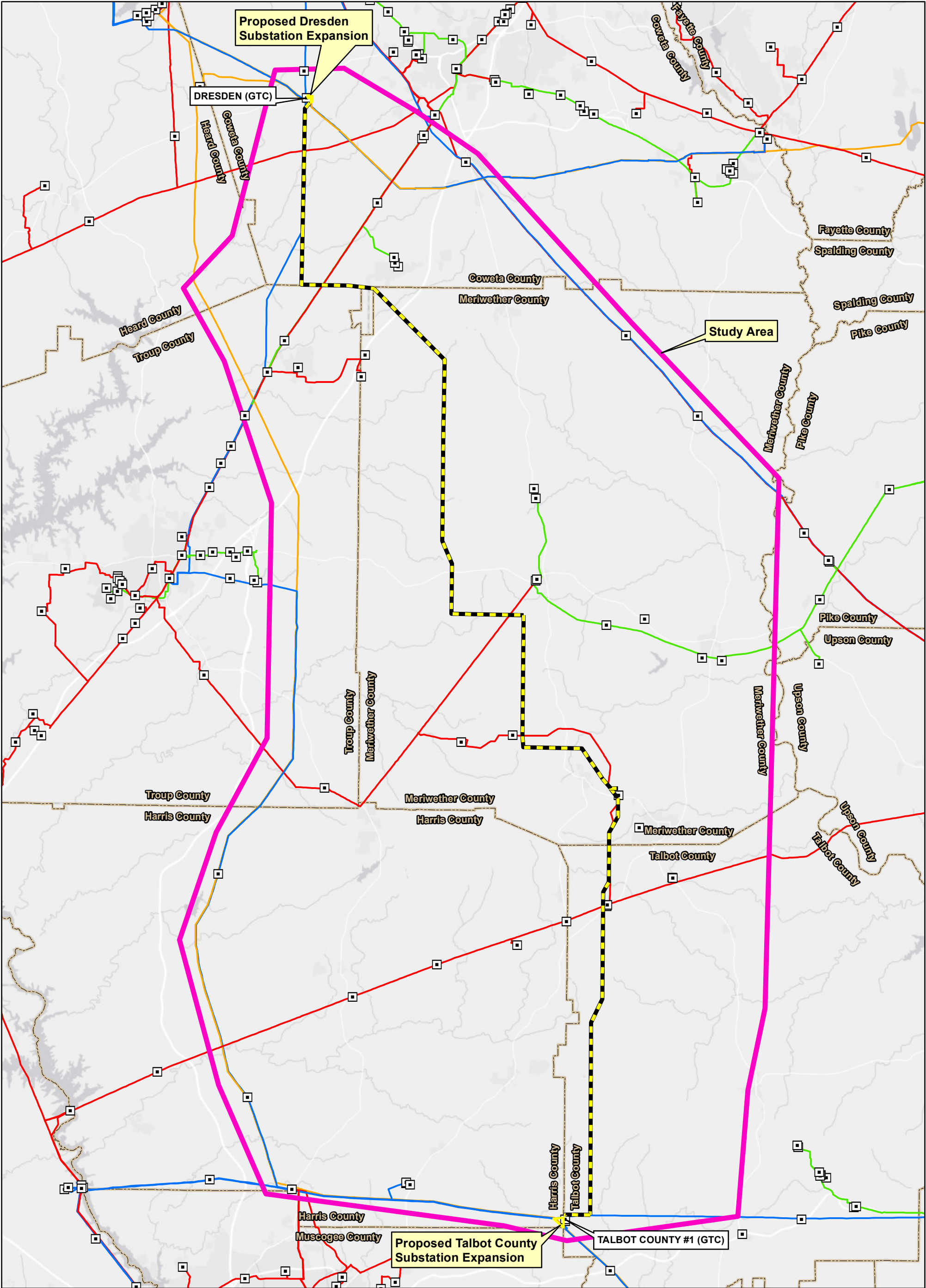
Plot: T. Houghton

Source: GDT

Checked: JK

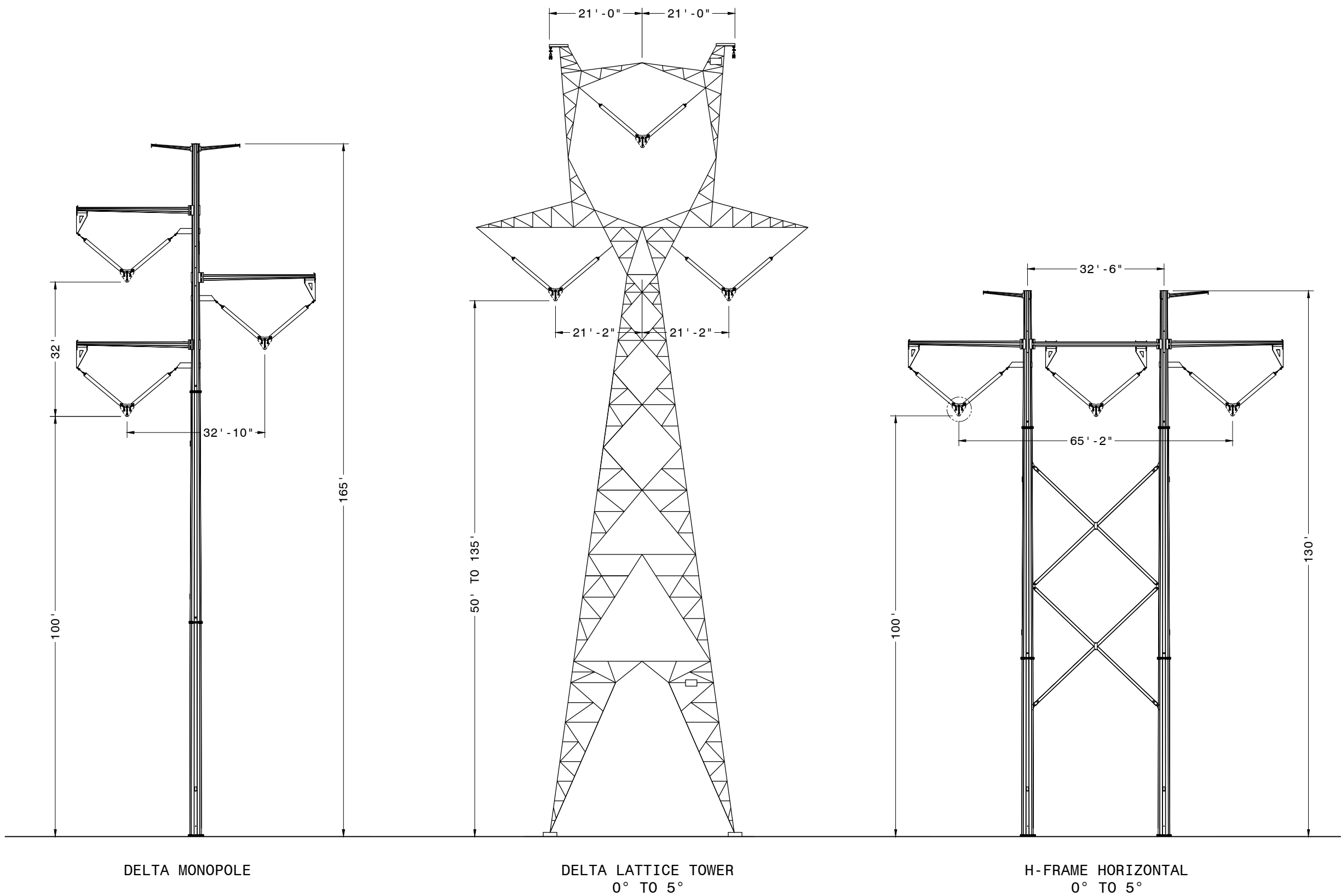
FIGURE 2.0 - ELECTRIC GRID

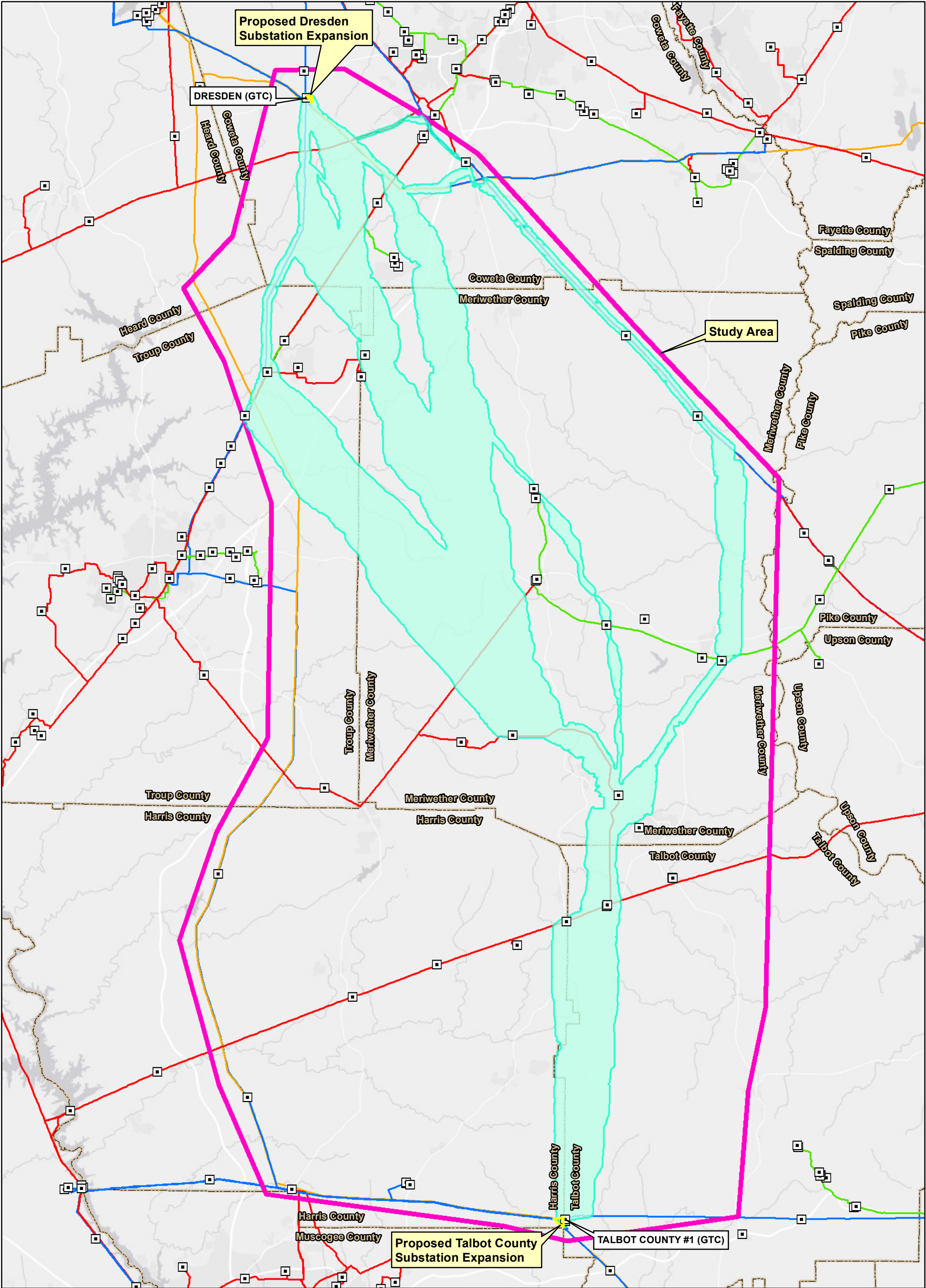




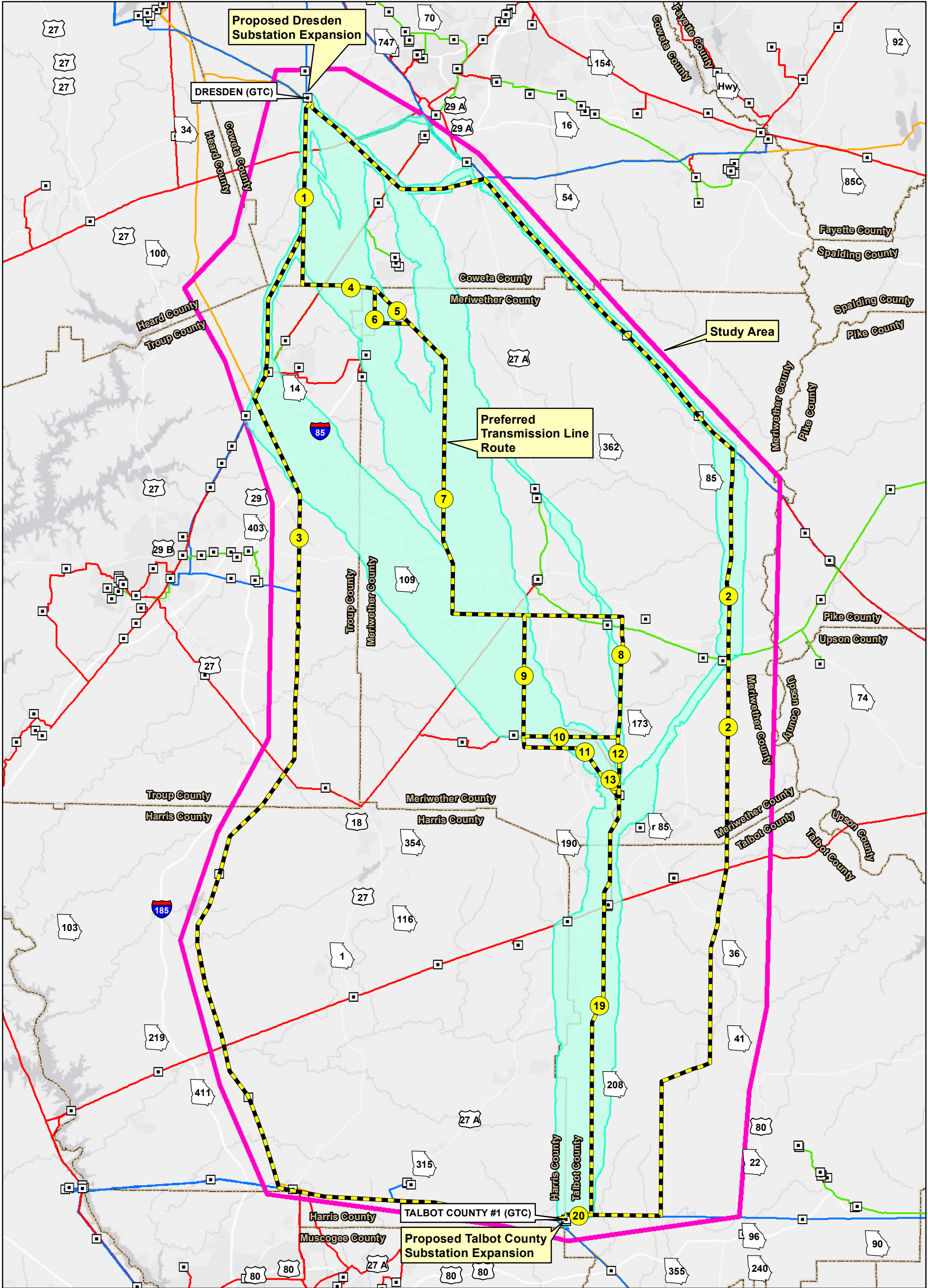
Dresden - Talbot County Dresden Talbot County				Proposed 500kV Transmission Line Proposed 500kV Substation Modification Proposed 500kV Substation Modification		Figure 3.0 Preferred Transmission Line Route			
County: Coweta, Troup, Meriwether, Talbot, Harris		Date: 12/10/2025	Date of Aerial Photography: 3/23/2023		Project #: P79464 (Dresden-Talbot County) C81667 (Dresden Substation) C81665 (Talbot Substation)		 Georgia Transmission		
 Existing Substation  Preferred Transmission Line Route  Existing 46 kV T/L  Existing 115 kV T/L  Existing 230 kV T/L  Existing 500 kV T/L  Proposed Substation Expansion  Study Area  County Boundary						Sheet: 1 of 1		Plot: A. Shell	
								1 " = 22,000 ' 0 11,000 22,000  Feet	

FIGURE 4.0 - TOWER DESIGNS

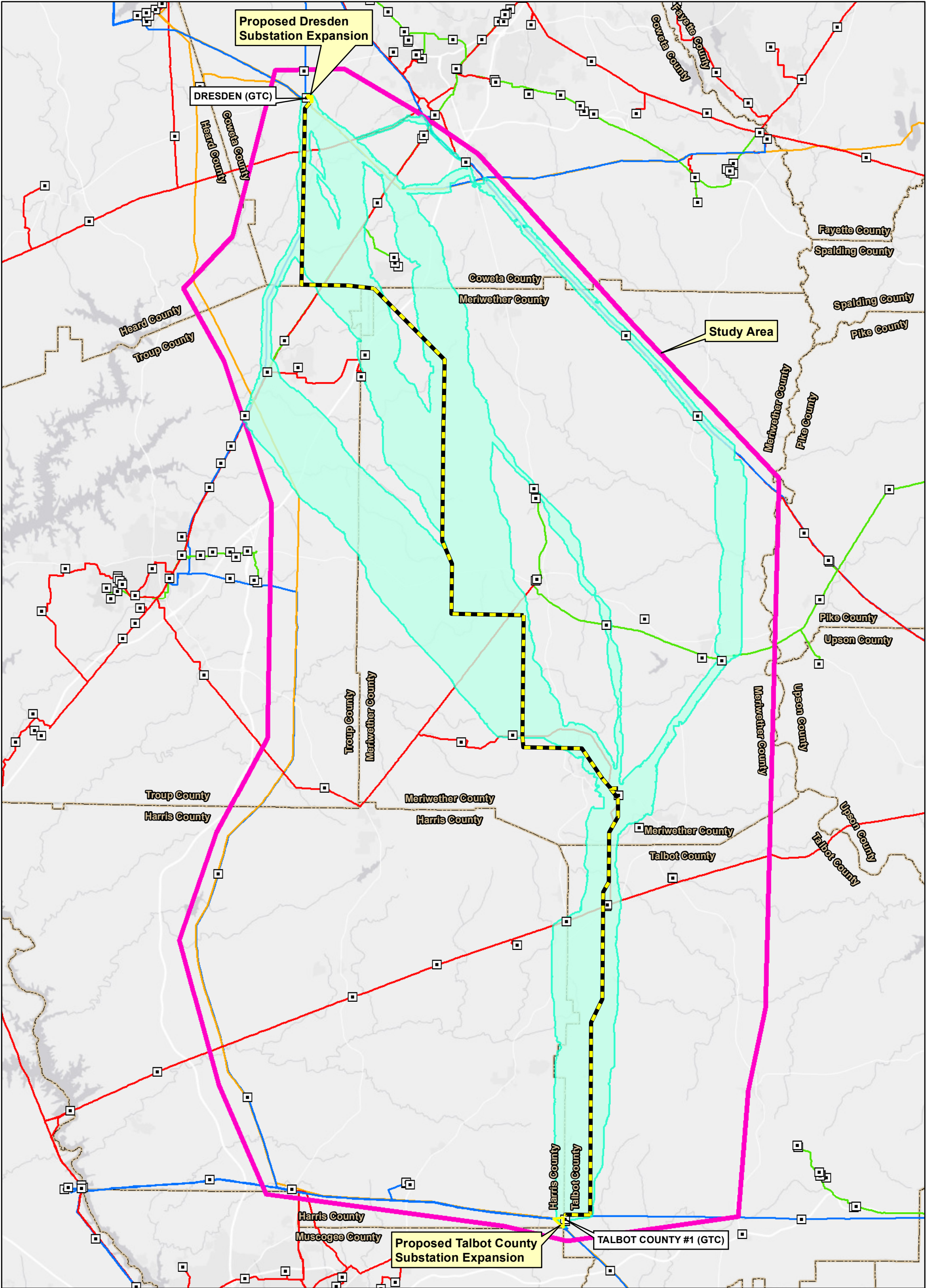




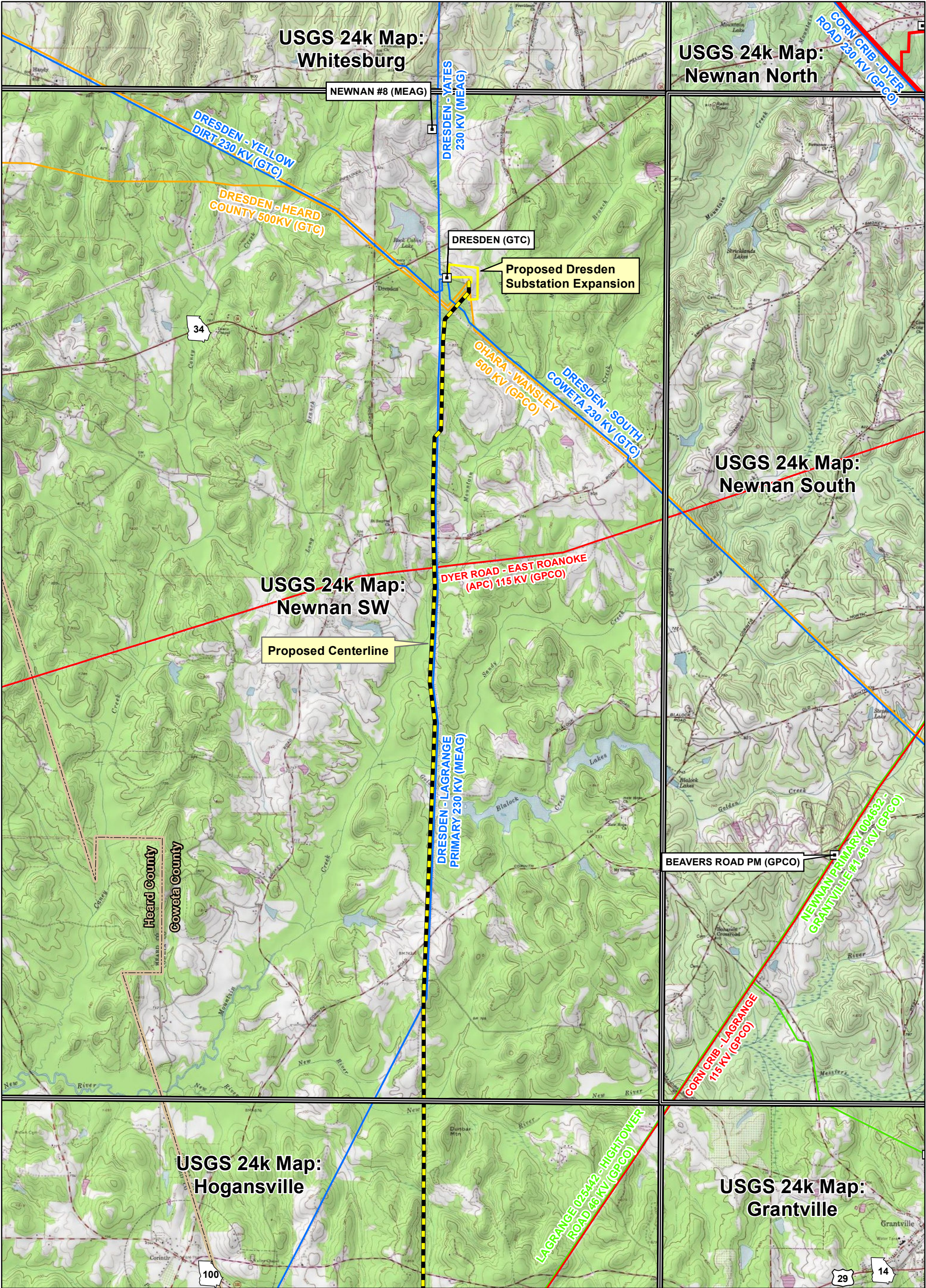
Dresden - Talbot County Dresden Talbot County			Proposed 500kV Transmission Line Proposed 500kV Substation Modification Proposed 500kV Substation Modification		Figure 5.0 Transmission Line Corridors	
County: Coweta, Troup, Meriwether, Talbot, Harris	Date: 12/10/2025	Date of Aerial Photography: 3/23/2023	Project #: P79464 (Dresden-Talbot County) C81667 (Dresden Substation) C81665 (Talbot Substation)		 Georgia Transmission	
Existing Substation Existing 500 kV T/L County Boundary Existing 46 kV T/L Proposed Substation Expansion Transmission Line Corridor Existing 115 kV T/L Study Area Existing 230 kV T/L					Sheet: 1 of 1	
					Plot: A. Shell	
					N 1" = 22,000' 0 11,000 22,000 Feet	



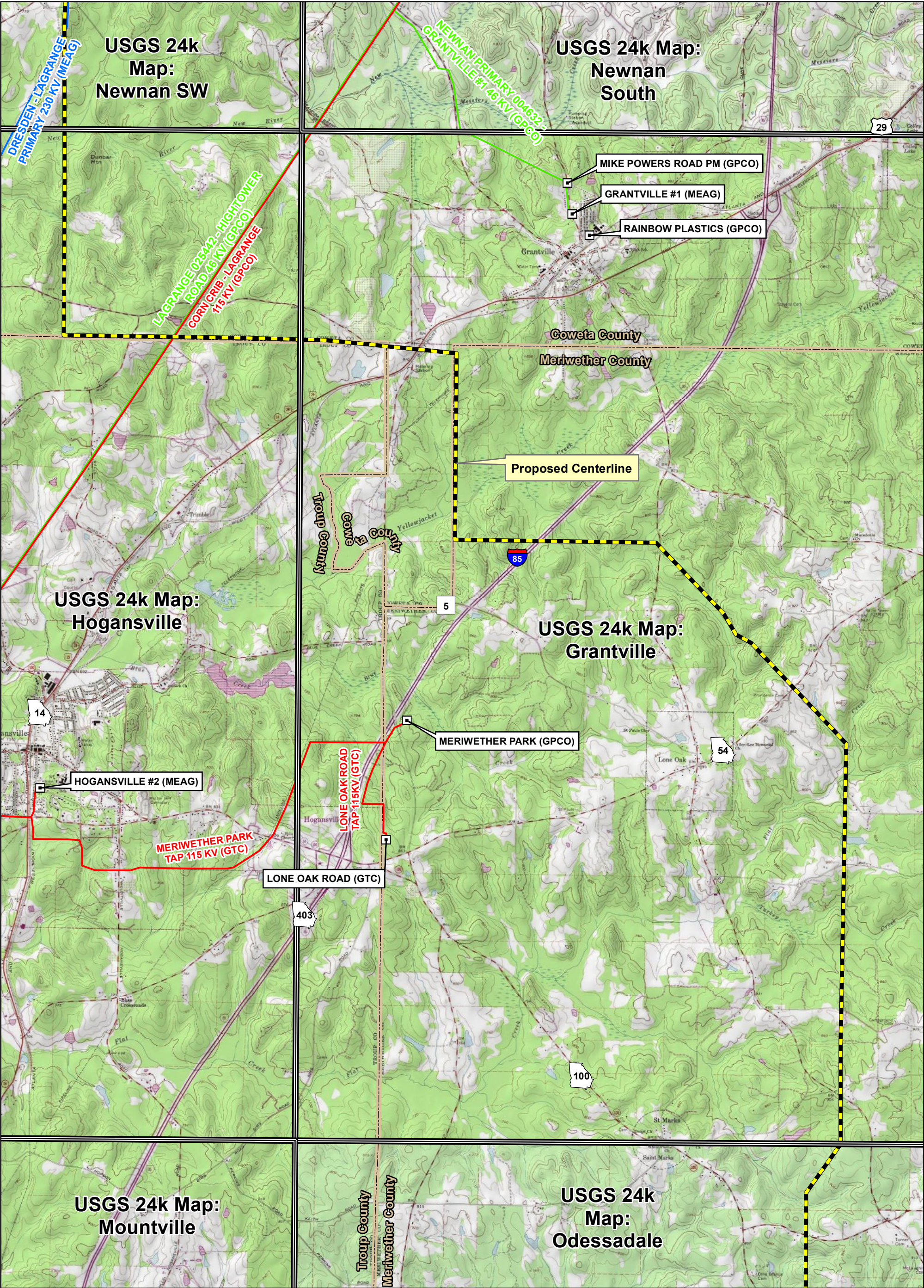
Dresden - Talbot County Dresden Talbot County		Proposed 500kV Transmission Line Proposed 500kV Substation Modification Proposed 500kV Substation Modification		Figure 6.0 Alternative Route Segments			
County: Coweta, Troup, Meriwether, Talbot, Harris	Date: 11/17/2023	Date of Aerial Photography: 3/23/2023	Project #: P79464 (Dresden-Talbot County) C81667 (Dresden Substation) C81665 (Talbot Substation)				
 Existing Substation  Alternative Route Segments  Existing 46 kV T/L  Existing 115 kV T/L  Existing 230 kV T/L  Existing 500 kV T/L  County Boundary  Transmission Line Corridor  Study Area <td colspan="2">Sheet: 1 of 1</td> <td colspan="2">Plot: J. Kelley</td>				Sheet: 1 of 1		Plot: J. Kelley	
 0 11,000 22,000 Feet 1" = 22,000'							



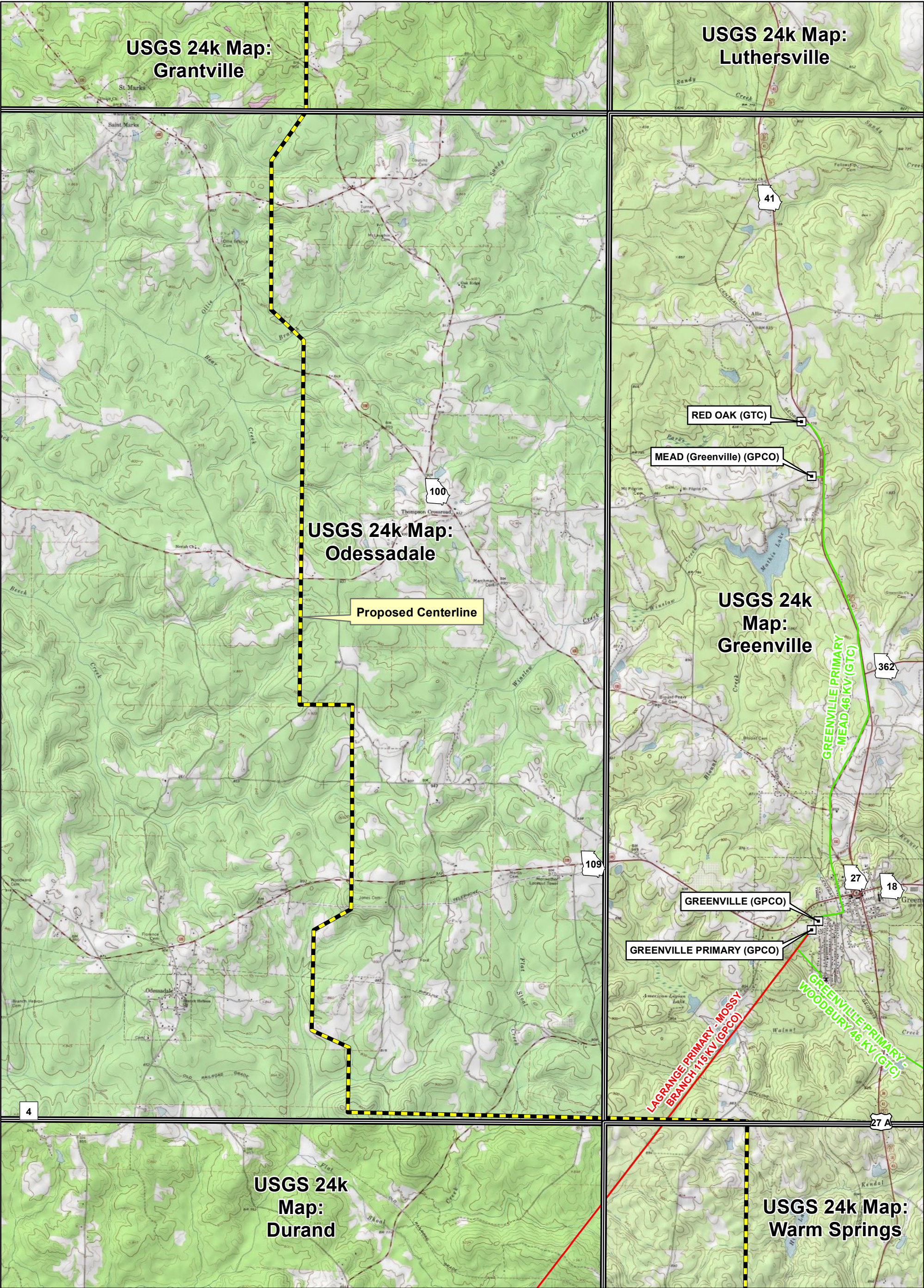
Dresden - Talbot County Dresden Talbot County				Proposed 500kV Transmission Line Proposed 500kV Substation Modification Proposed 500kV Substation Modification		Figure 7.0 Preferred Transmission Line Route							
County: Coweta, Troup, Meriwether, Talbot, Harris		Date: 12/10/2025	Date of Aerial Photography: 3/23/2023	Project #: P79464 (Dresden-Talbot County) C81667 (Dresden Substation) C81665 (Talbot Substation)		 Georgia Transmission							
 Existing Substation  Preferred Transmission Line Route  Existing 46 kV T/L  Existing 115 kV T/L  Existing 230 kV T/L  Existing 500 kV T/L  Proposed Substation Expansion  Transmission Line Corridor  Study Area  County Boundary						Sheet: 1 of 1		Plot: A. Shell					
								1 " = 22,000 ' 0 11,000 22,000  Feet					



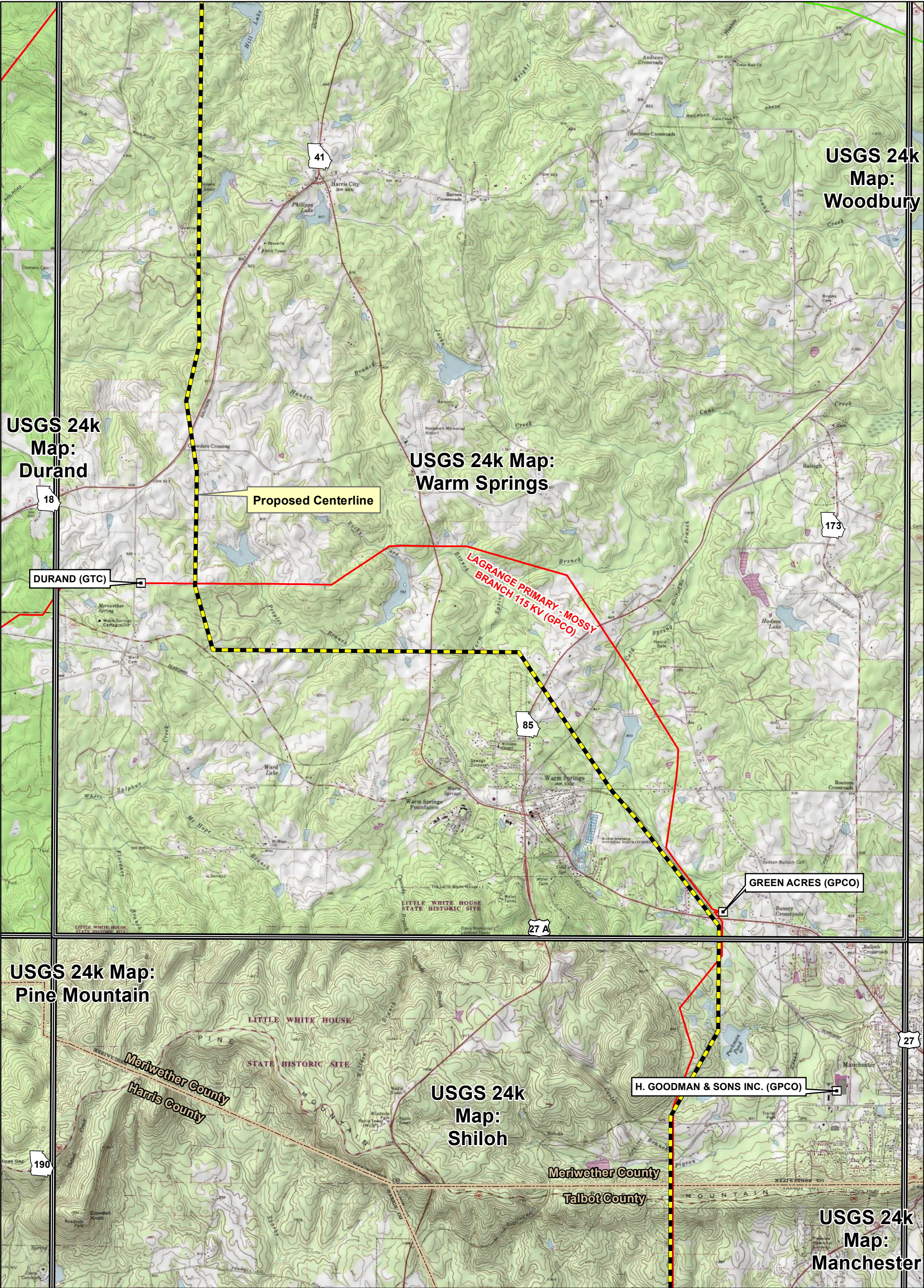
Dresden - Talbot County Dresden Talbot County			Proposed 500kV Transmission Line Proposed 500kV Substation Modification Proposed 500kV Substation Modification		Figure 8.0 Quadrangle Map	
County: Coweta, Heard		Date: 8/15/2025	Source: USA Topo Maps	Project #: P79464 (Dresden-Talbot County) C81667 (Dresden Substation) C81665 (Talbot Substation)	 Georgia Transmission	
Existing Substation Proposed Centerline Existing 46 kV T/L Existing 115 kV T/L Existing 230 kV T/L Existing 500 kV T/L Proposed Substation Expansion County Boundary USGS 24k Quadrangle Map			Sheet: 1 of 6		Plot: J. Kelley	
			N 1" = 4,000' 0 2,000 4,000 Feet			



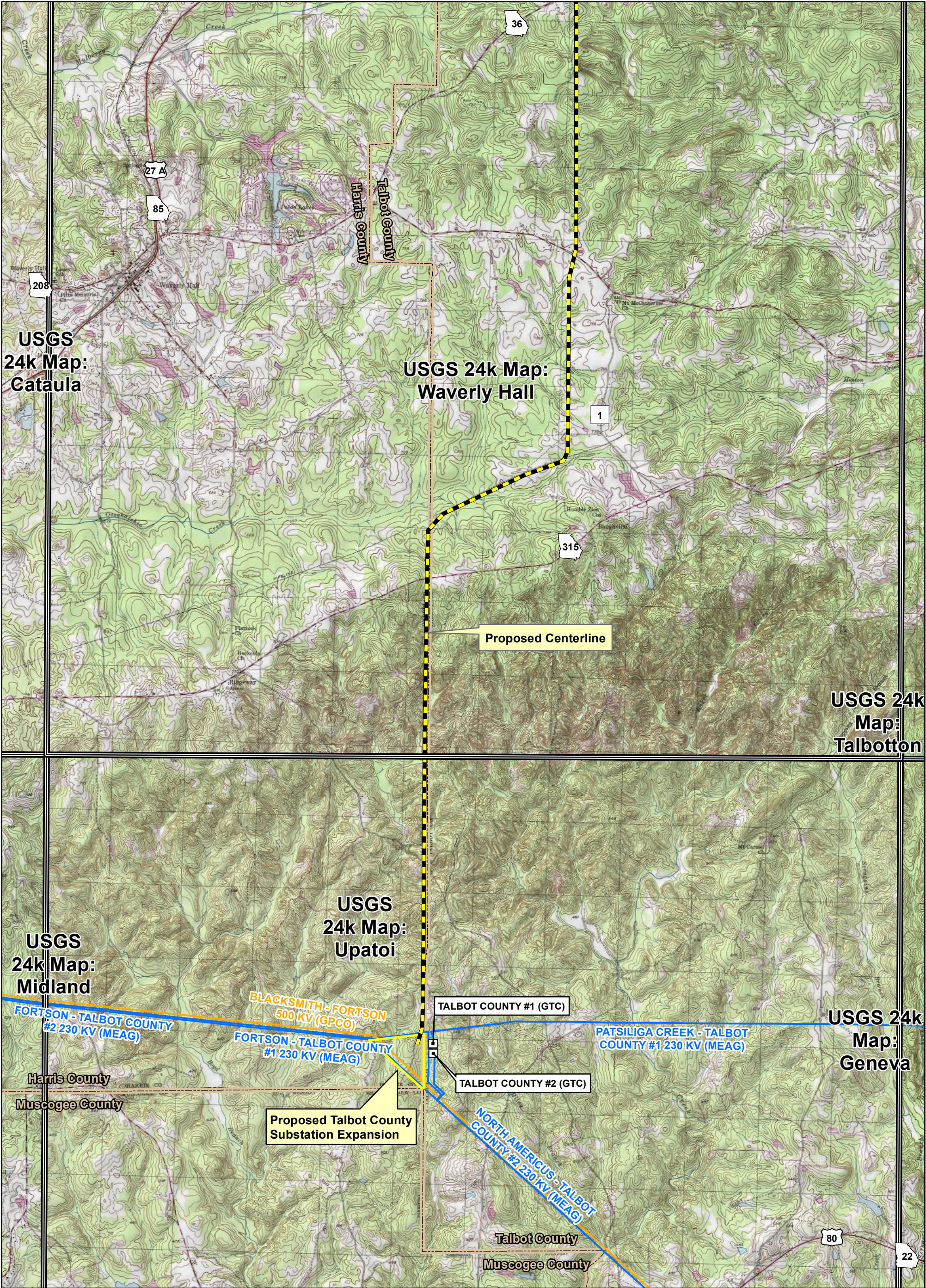
Dresden - Talbot County Dresden Talbot County			Proposed 500kV Transmission Line Proposed 500kV Substation Modification Proposed 500kV Substation Modification		Figure 8.0 Quadrangle Map	
County: Coweta, Troup, Meriwether		Date: 8/15/2025	Source: USA Topo Maps	Project #: P79464 (Dresden-Talbot County) C81667 (Dresden Substation) C81665 (Talbot Substation)		
Existing Substation Existing 230 kV T/L Proposed Centerline Existing 46 kV T/L Existing 115 kV T/L County Boundary USGS 24k Quadrangle Map					Sheet: 2 of 6	Plot: J. Kelley
					N 1" = 4,000' 0 2,000 4,000 Feet	



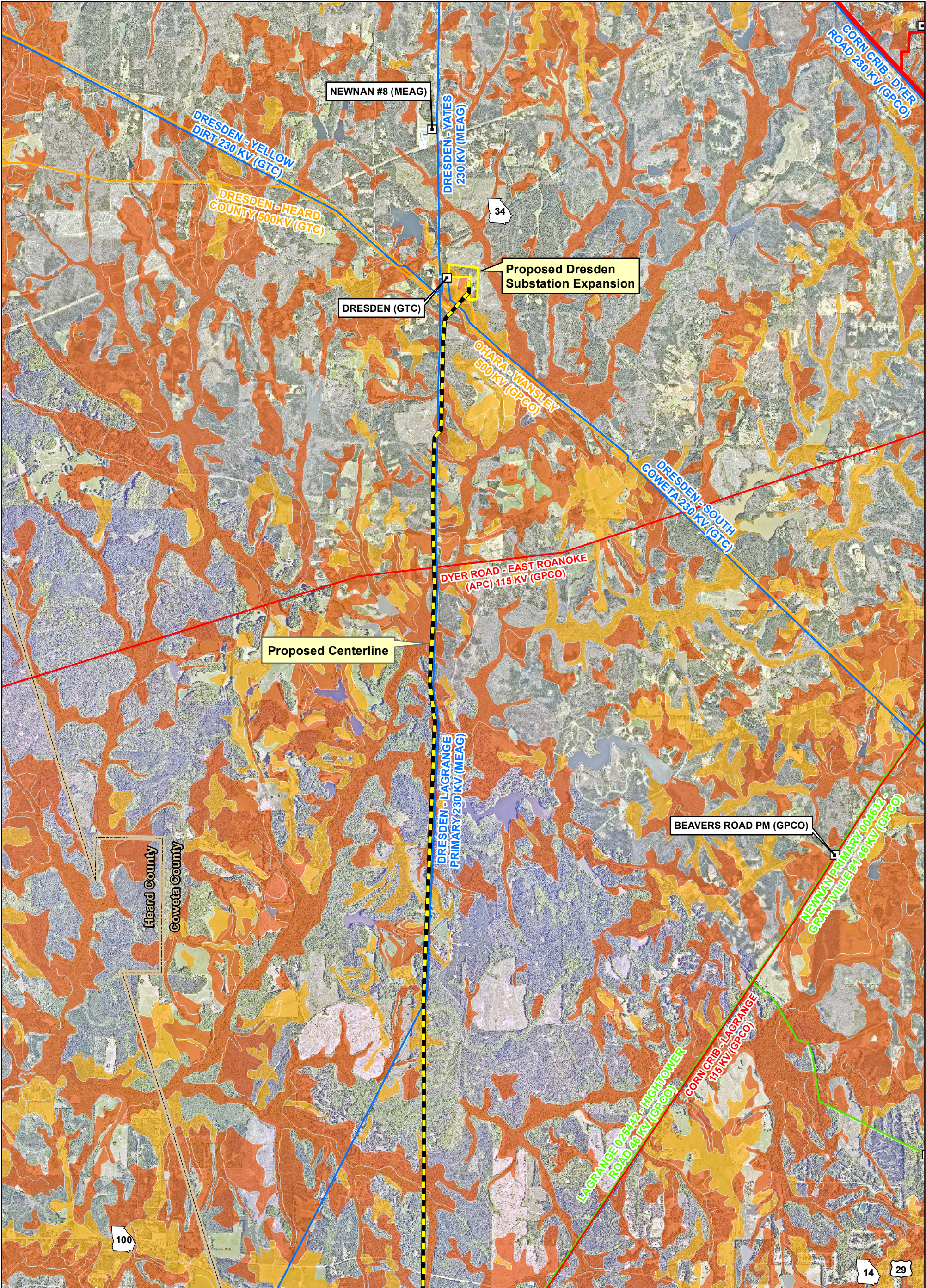
Dresden - Talbot County Dresden Talbot County			Proposed 500kV Transmission Line Proposed 500kV Substation Modification Proposed 500kV Substation Modification		Figure 8.0 Quadrangle Map	
County: Meriwether	Date: 8/15/2025	Source: USA Topo Maps	Project #: P79464 (Dresden-Talbot County) C81667 (Dresden Substation) C81665 (Talbot Substation)			
Existing Substation USGS 24k Quadrangle Map Proposed Centerline Existing 46 kV T/L Existing 115 kV T/L					Sheet: 3 of 6	Plot: J. Kelley
					N 1 " = 4,000 ' 0 2,000 4,000 Feet	



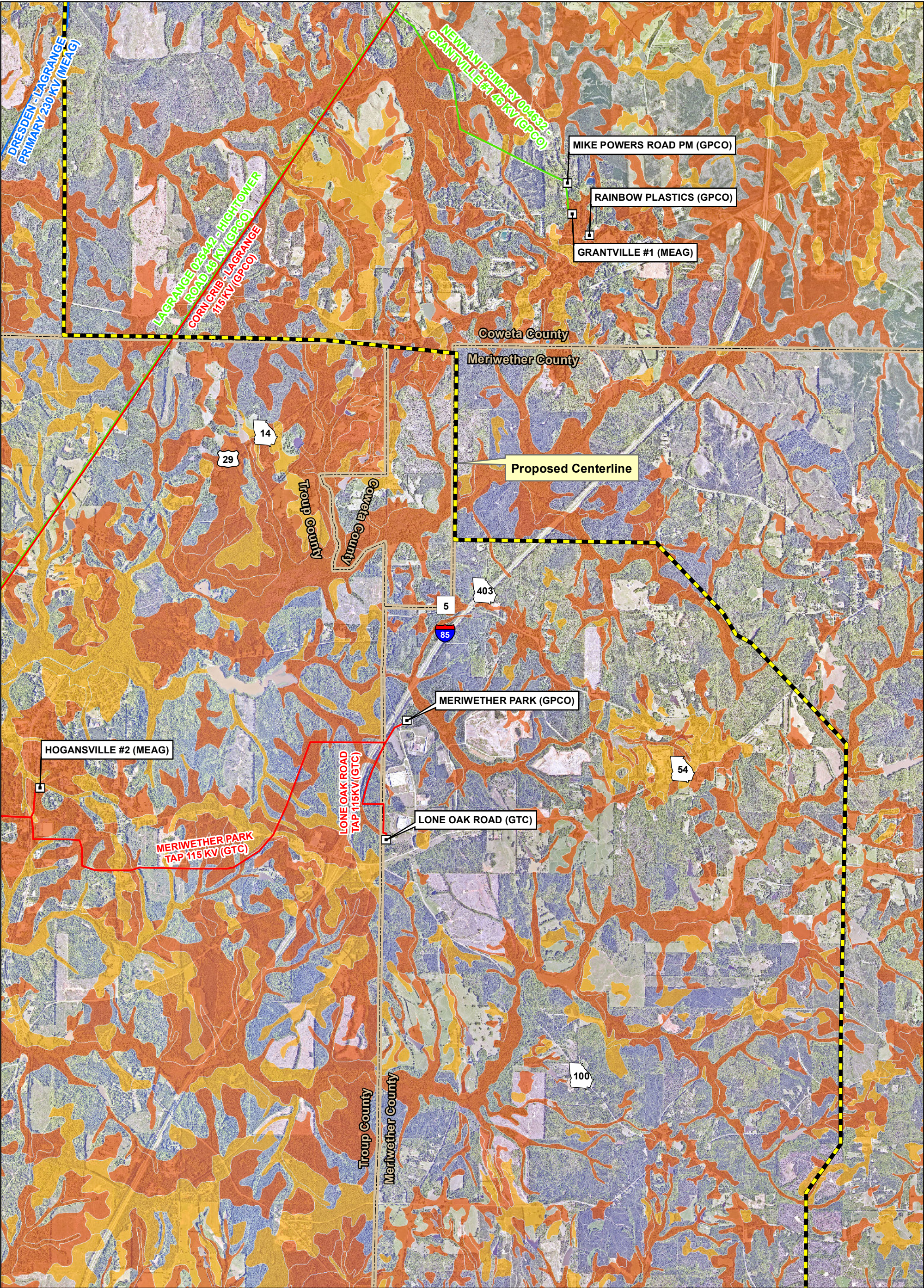
Dresden - Talbot County Dresden Talbot County			Proposed 500kV Transmission Line Proposed 500kV Substation Modification Proposed 500kV Substation Modification		Figure 8.0 Quadrangle Map	
County: Meriwether, Harris, Talbot		Date: 8/15/2025	Source: USA Topo Maps	Project #: P79464 (Dresden-Talbot County) C81667 (Dresden Substation) C81665 (Talbot Substation)	 Georgia Transmission	
 Existing Substation  Proposed Centerline  Existing 46 kV T/L  Existing 115 kV T/L  County Boundary  USGS 24k Quadrangle Map					Sheet: 4 of 6	Plot: J. Kelley
					N  1 " = 4,000 ' 0 2,000 4,000  Feet	



Dresden - Talbot County Dresden Talbot County			Proposed 500kV Transmission Line Proposed 500kV Substation Modification Proposed 500kV Substation Modification		Figure 8.0 Quadrangle Map	
County: Harris, Talbot, Muscogee		Date: 8/15/2025	Source: USA Topo Maps	Project #: P79464 (Dresden-Talbot County) C81667 (Dresden Substation) C81665 (Talbot Substation)		
Existing Substation Proposed Substation Expansion Proposed Centerline County Boundary Existing 230 kV T/L USGS 24k Quadrangle Map Existing 500 kV T/L					Sheet: 6 of 6	Plot: J. Kelley
					N 1 " = 4,000 ' 0 2,000 4,000 Feet	



Dresden - Talbot County Dresden Talbot County			Proposed 500kV Transmission Line Proposed 500kV Substation Modification Proposed 500kV Substation Modification		Figure 9.0 Important Farmland Soils	
County: Coweta, Heard	Date: 8/15/2025	Date of Aerial Photography: 3/23/2023	Project #: P79464 (Dresden-Talbot County) C81667 (Dresden Substation) C81665 (Talbot Substation)		 Georgia Transmission	
 Existing Substation  Proposed Centerline  Existing 46 kV T/L  Existing 115 kV T/L  Existing 230 kV T/L  Existing 500 kV T/L  Proposed Substation Expansion  County Boundary  All areas are prime farmland  Farmland of statewide importance  Not prime farmland			Sheet: 1 of 6		Plot: J. Kelley	
			N  1" = 4,000' 0 2,000 4,000  Feet			



Dresden - Talbot County
Dresden
Talbot County

Proposed 500kV Transmission Line
Proposed 500kV Substation Modification
Proposed 500kV Substation Modification

Figure 9.0
Important Farmland Soils

County: Coweta, Troup, Meriwether

Date: 8/15/2025

Date of Aerial Photography:
3/23/2023

Project #:
P79464 (Dresden-Talbot County)
C81667 (Dresden Substation)
C81665 (Talbot Substation)



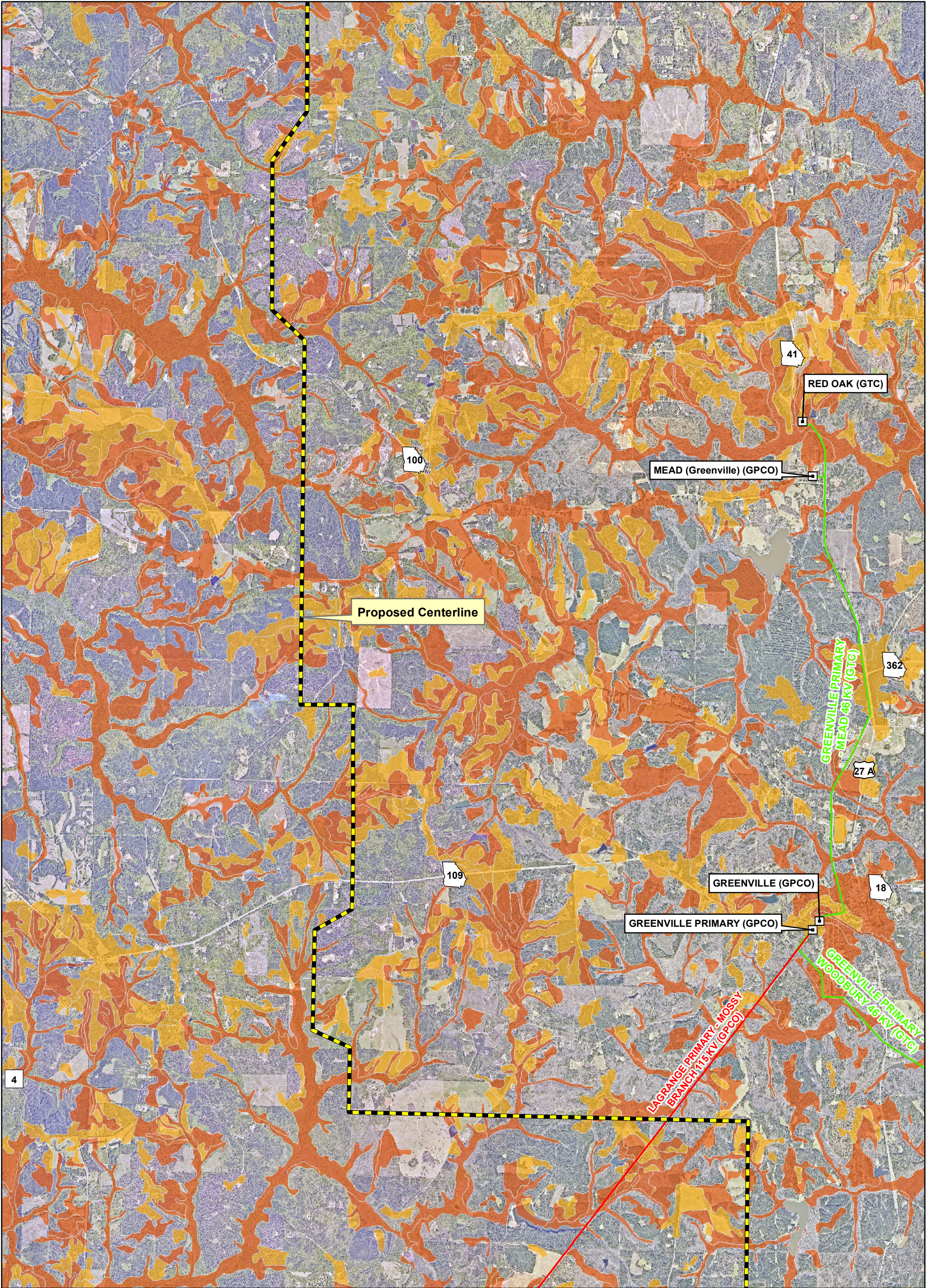
- Existing Substation
- Existing 230 kV T/L
- Proposed Centerline
- County Boundary
- Existing 46 kV T/L
- All areas are prime farmland
- Existing 115 kV T/L
- Farmland of statewide importance
- Not prime farmland

Sheet: 2 of 6

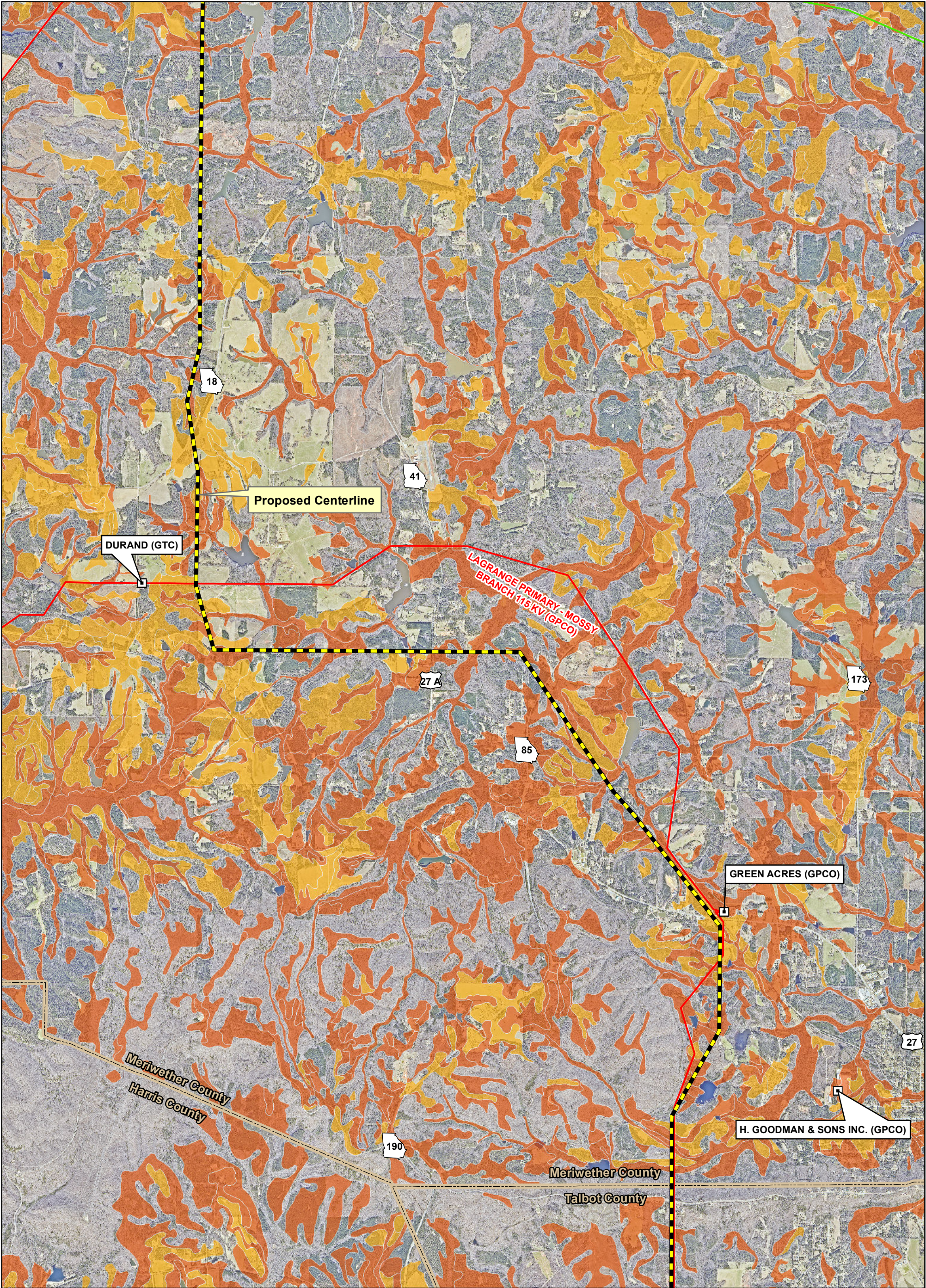
Plot: J. Kelley



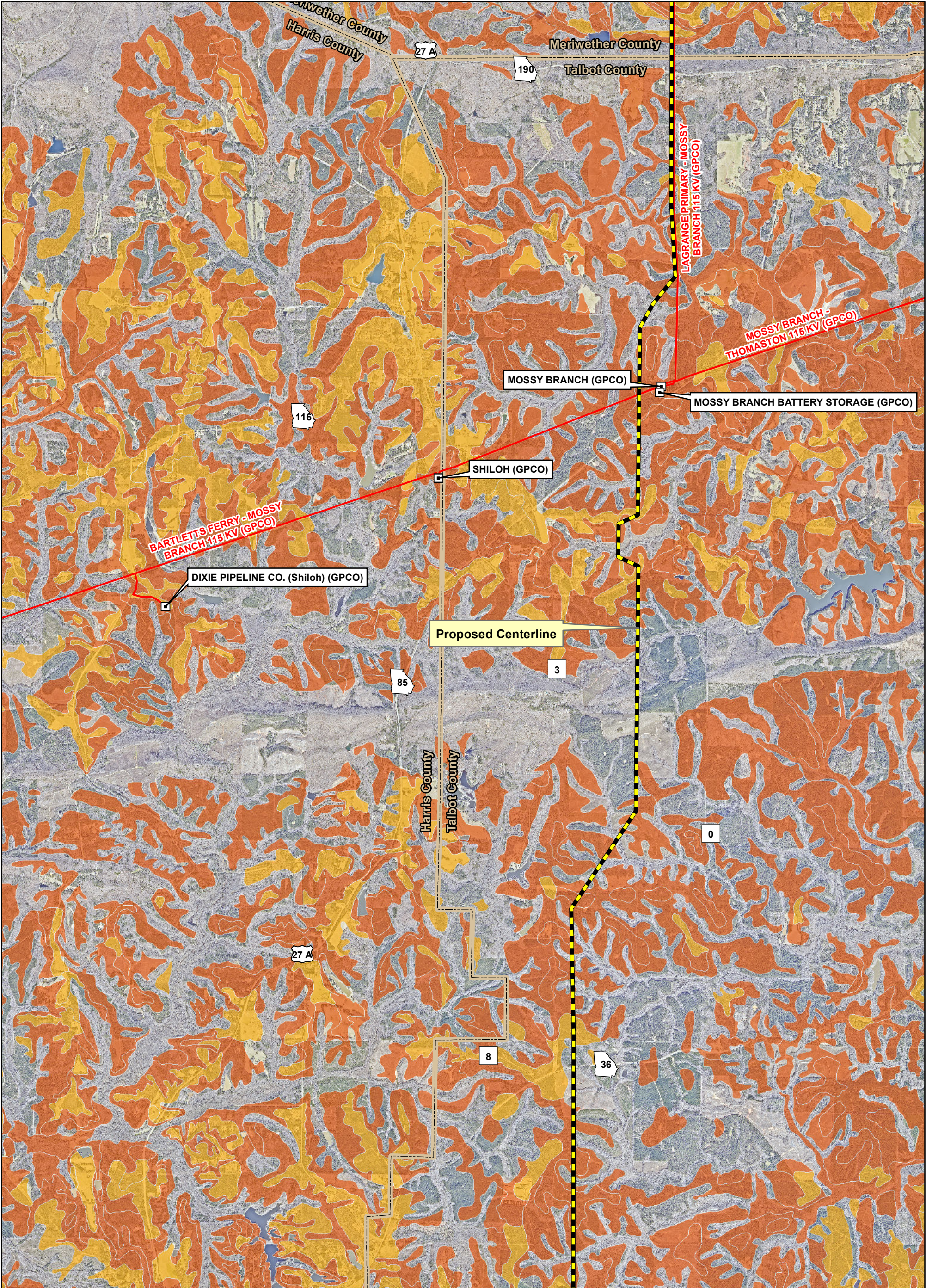
1" = 4,000'
0 2,000 4,000
Feet



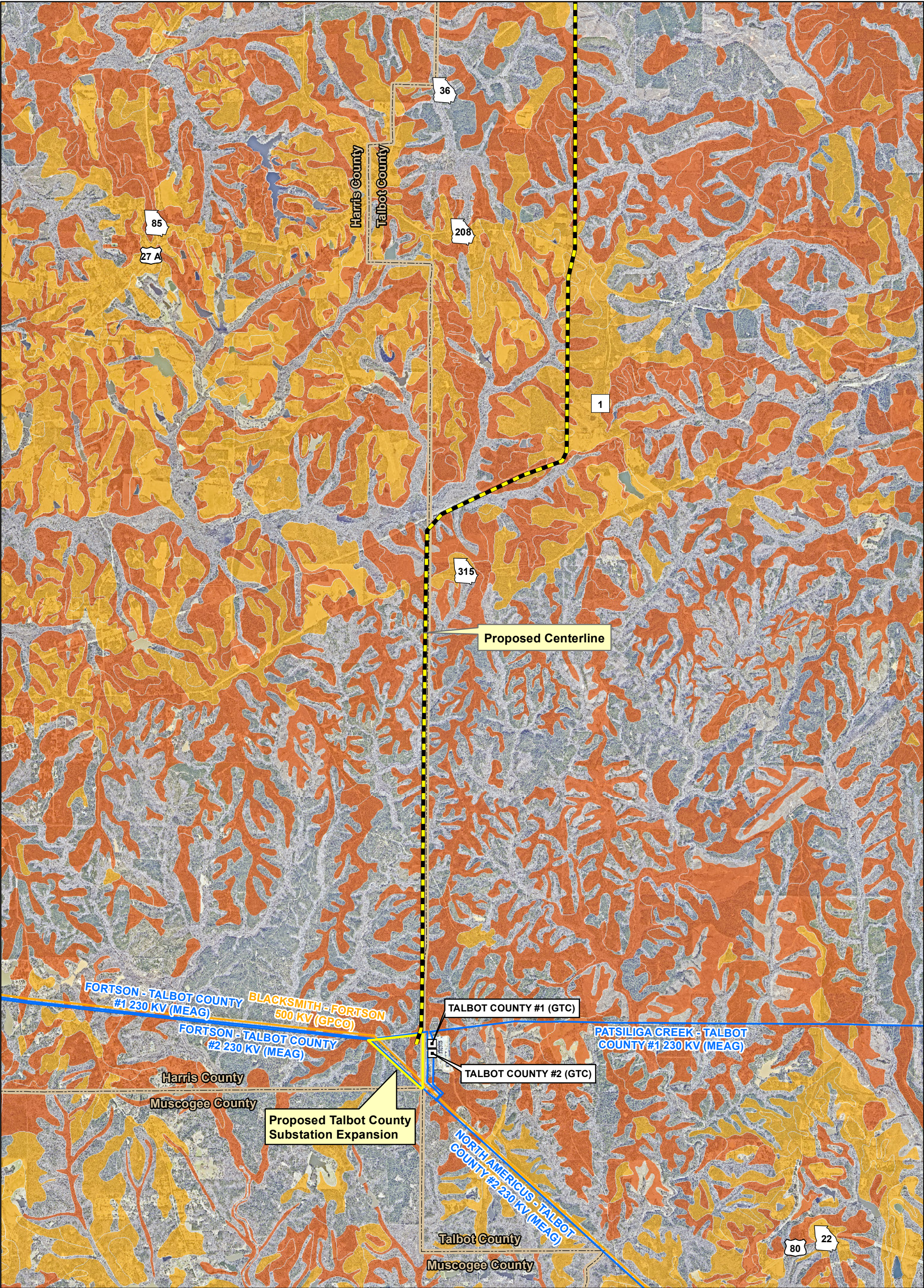
Dresden - Talbot County Dresden Talbot County			Proposed 500kV Transmission Line Proposed 500kV Substation Modification Proposed 500kV Substation Modification		Figure 9.0 Important Farmland Soils	
County: Meriwether	Date: 8/15/2025	Date of Aerial Photography: 3/23/2023	Project #: P79464 (Dresden-Talbot County) C81667 (Dresden Substation) C81665 (Talbot Substation)		 Georgia Transmission	
 Existing Substation  Proposed Centerline  Existing 46 kV T/L  Existing 115 kV T/L  All areas are prime farmland  Farmland of statewide importance  Not prime farmland					Sheet: 3 of 6	Plot: J. Kelley
					N  1" = 4,000' 0 2,000 4,000  Feet	



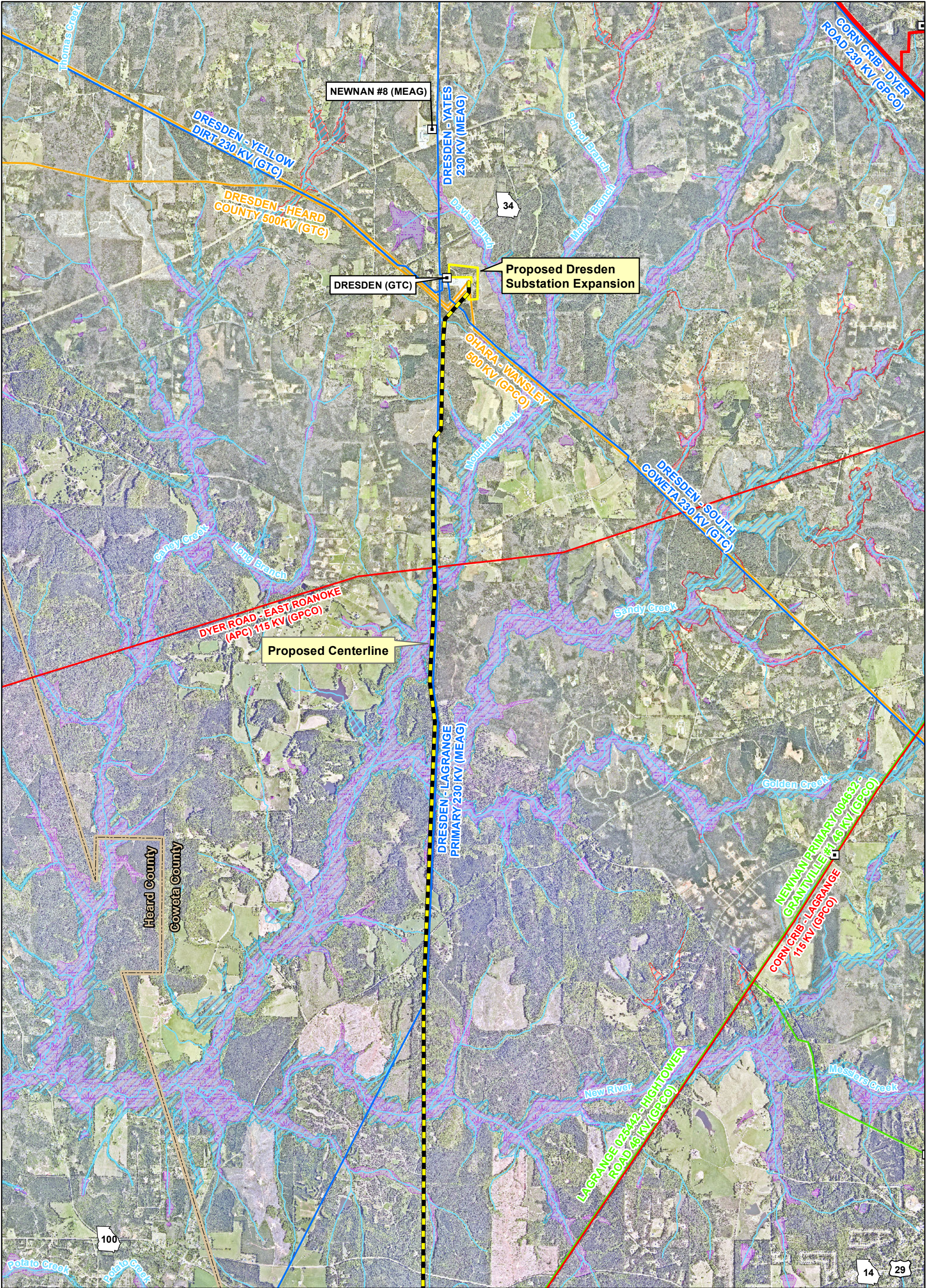
Dresden - Talbot County Dresden Talbot County			Proposed 500kV Transmission Line Proposed 500kV Substation Modification Proposed 500kV Substation Modification		Figure 9.0 Important Farmland Soils	
County: Meriwether, Harris, Talbot		Date: 8/15/2025	Date of Aerial Photography: 3/23/2023	Project #: P79464 (Dresden-Talbot County) C81667 (Dresden Substation) C81665 (Talbot Substation)		 Georgia Transmission
 Existing Substation		 County Boundary		Sheet: 4 of 6		
 Proposed Centerline		All areas are prime farmland		Plot: J. Kelley		
 Existing 46 kV T/L		Farmland of statewide importance		 1" = 4,000' 0 2,000 4,000 Feet		
 Existing 115 kV T/L		Not prime farmland				



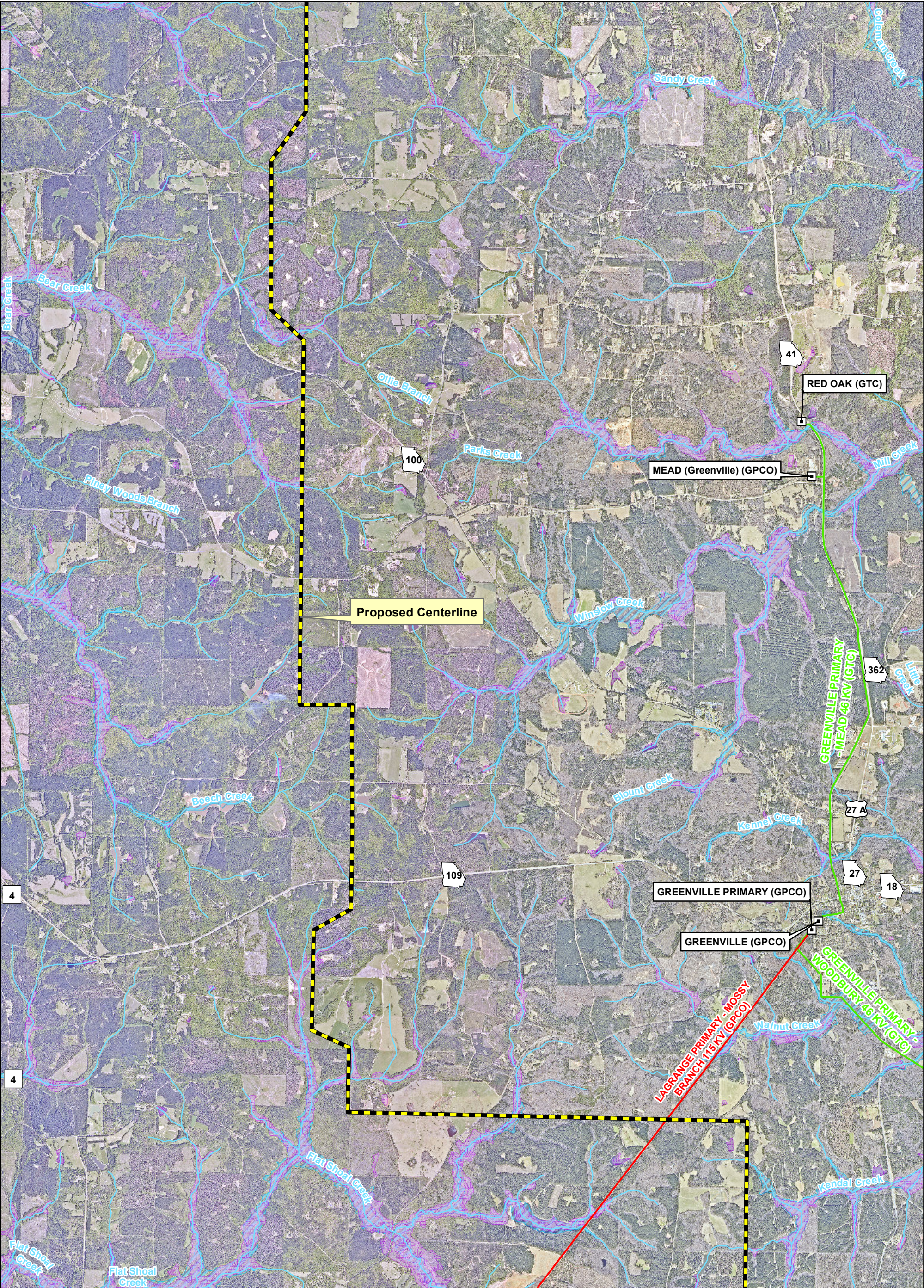
Dresden - Talbot County Dresden Talbot County			Proposed 500kV Transmission Line Proposed 500kV Substation Modification Proposed 500kV Substation Modification		Figure 9.0 Important Farmland Soils	
County: Meriwether, Harris, Talbot		Date: 8/15/2025	Date of Aerial Photography: 3/23/2023	Project #: P79464 (Dresden-Talbot County) C81667 (Dresden Substation) C81665 (Talbot Substation)		
Existing Substation		Proposed Centerline		Sheet: 5 of 6		
Existing 115 kV T/L		County Boundary		Plot: J. Kelley		
All areas are prime farmland		Farmland of statewide importance		Not prime farmland		
				 N 1" = 4,000' 0 2,000 4,000 Feet		



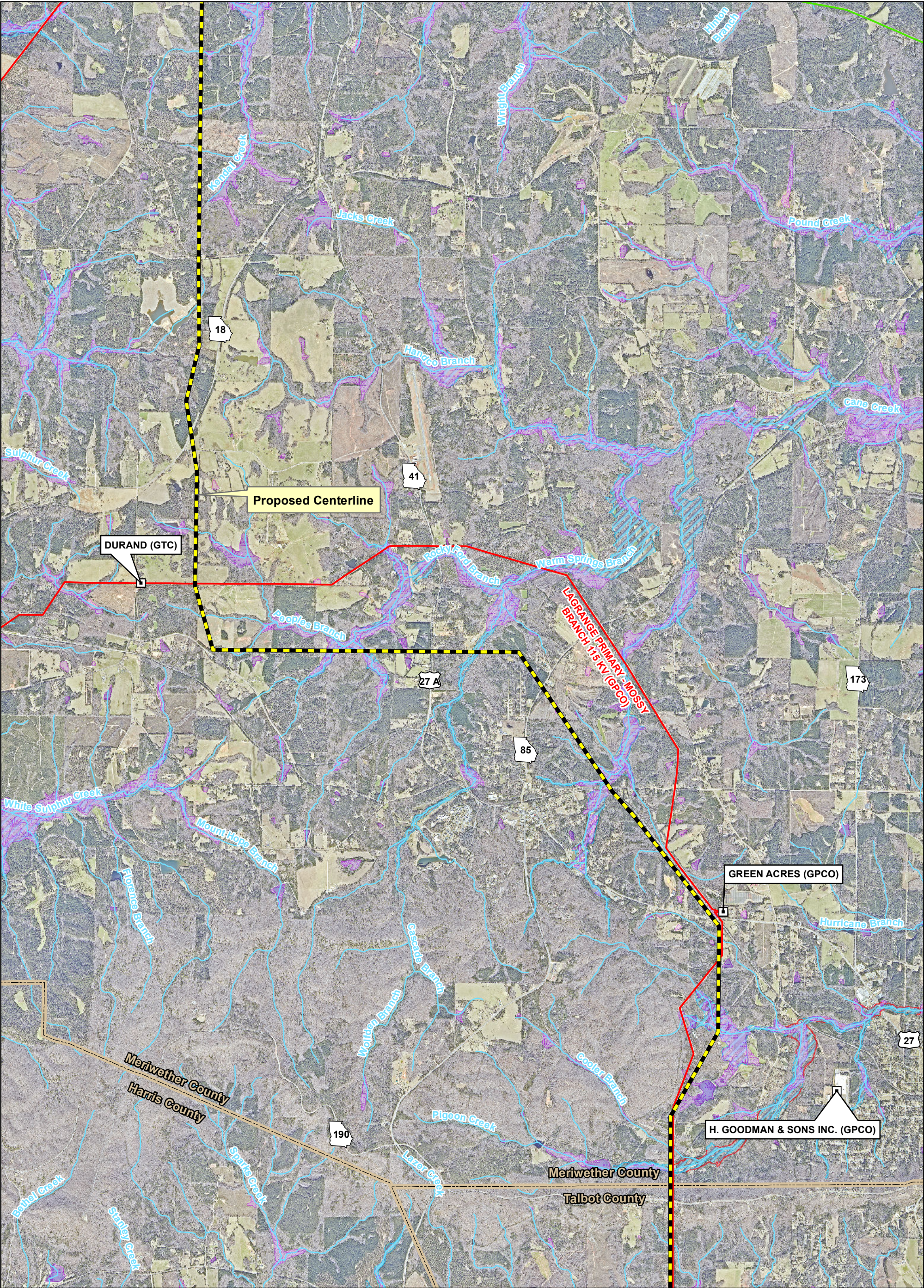
Dresden - Talbot County Dresden Talbot County			Proposed 500kV Transmission Line Proposed 500kV Substation Modification Proposed 500kV Substation Modification		Figure 9.0 Important Farmland Soils				
County: Harris, Talbot, Muscogee		Date: 8/15/2025	Date of Aerial Photography: 3/23/2023	Project #: P79464 (Dresden-Talbot County) C81667 (Dresden Substation) C81665 (Talbot Substation)					
Existing Substation Proposed Centerline Existing 230 kV T/L Existing 500 kV T/L Proposed Substation Expansion County Boundary All areas are prime farmland Farmland of statewide importance Not prime farmland						Sheet: 6 of 6		Plot: J. Kelley	
N 1 " = 4,000 ' 0 2,000 4,000 Feet									



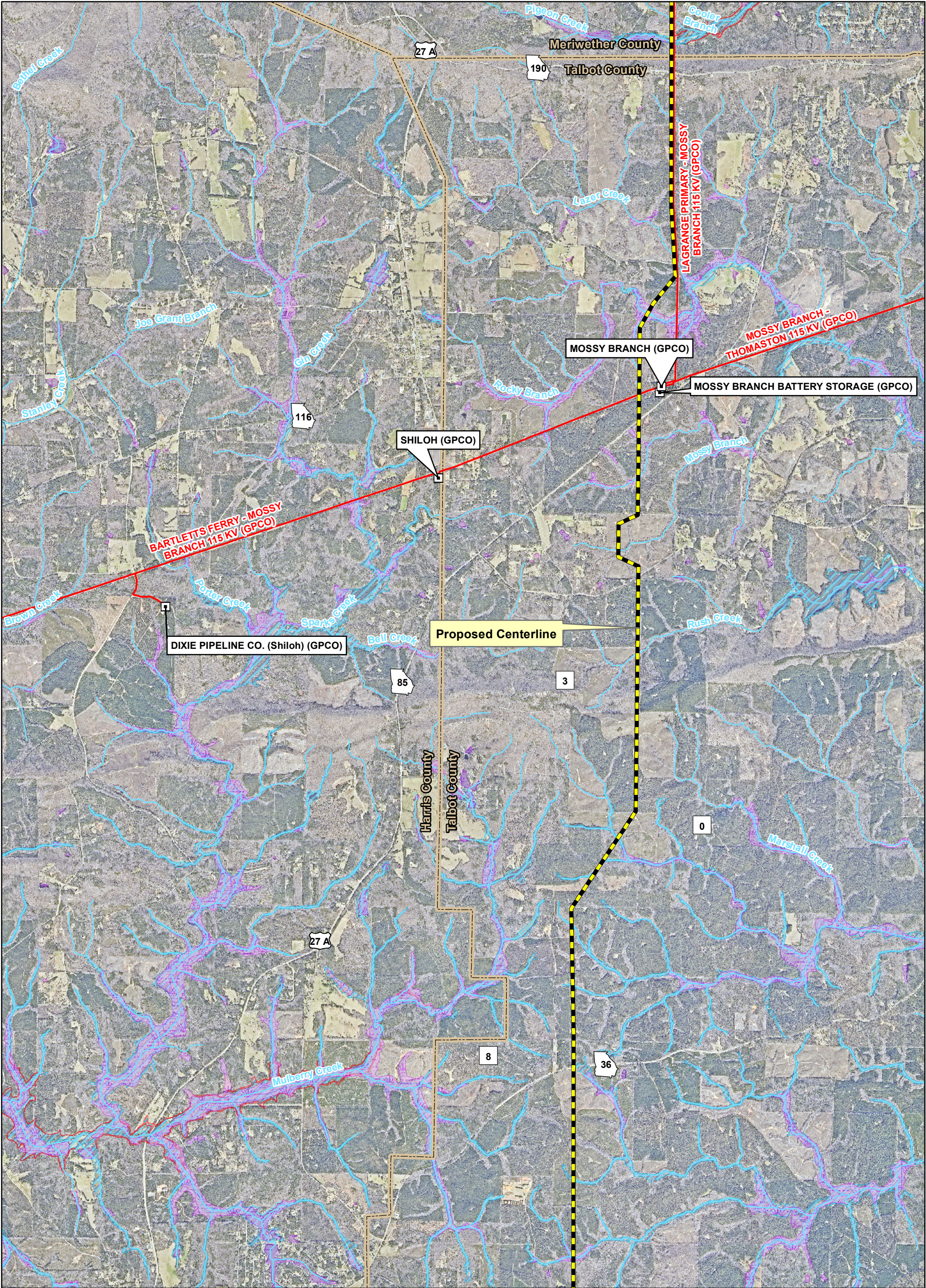
Dresden - Talbot County Dresden Talbot County			Proposed 500kV Transmission Line Proposed 500kV Substation Modification Proposed 500kV Substation Modification		Figure 11.0 Waters and Wetlands		
County: Coweta, Heard		Date: 11/17/2023	Date of Aerial Photography: 3/23/2023	Project #: P79464 (Dresden-Talbot County) C81667 (Dresden Substation) C81665 (Talbot Substation)			
Existing Substation Proposed Centerline Existing 46 kV T/L Existing 115 kV T/L Existing 230 kV T/L Existing 500 kV T/L USGS Streams Proposed Substation Expansion <td colspan="4"> County Boundary National Wetland Inventory 100-Year Floodplain 500-Year Floodplain </td> <td colspan="2"> Sheet: 1 of 6 Plot: J. Kelley N 1" = 4,000' 0 2,000 4,000 Feet </td>		County Boundary National Wetland Inventory 100-Year Floodplain 500-Year Floodplain				Sheet: 1 of 6 Plot: J. Kelley N 1" = 4,000' 0 2,000 4,000 Feet	



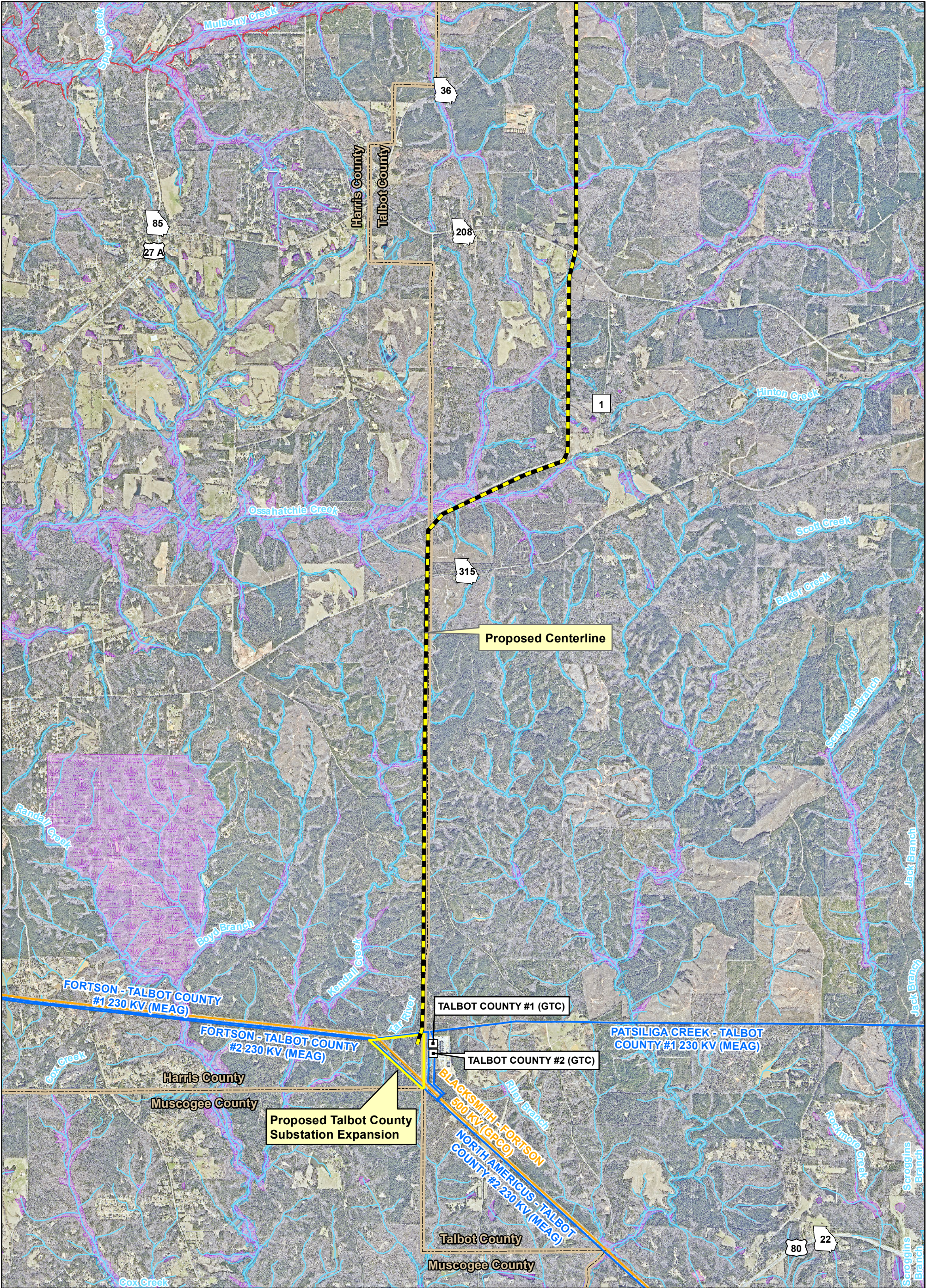
Dresden - Talbot County Dresden Talbot County			Proposed 500kV Transmission Line Proposed 500kV Substation Modification Proposed 500kV Substation Modification		Figure 11.0 Waters and Wetlands		
County: Meriwether		Date: 11/17/2023	Date of Aerial Photography: 3/23/2023	Project #: P79464 (Dresden-Talbot County) C81667 (Dresden Substation) C81665 (Talbot Substation)			
Existing Substation Proposed Centerline Existing 46 kV T/L Existing 115 kV T/L USGS Streams National Wetland Inventory 100-Year Floodplain						Sheet: 3 of 6	
						Plot: J. Kelley	
						N 1" = 4,000' 0 2,000 4,000 Feet	



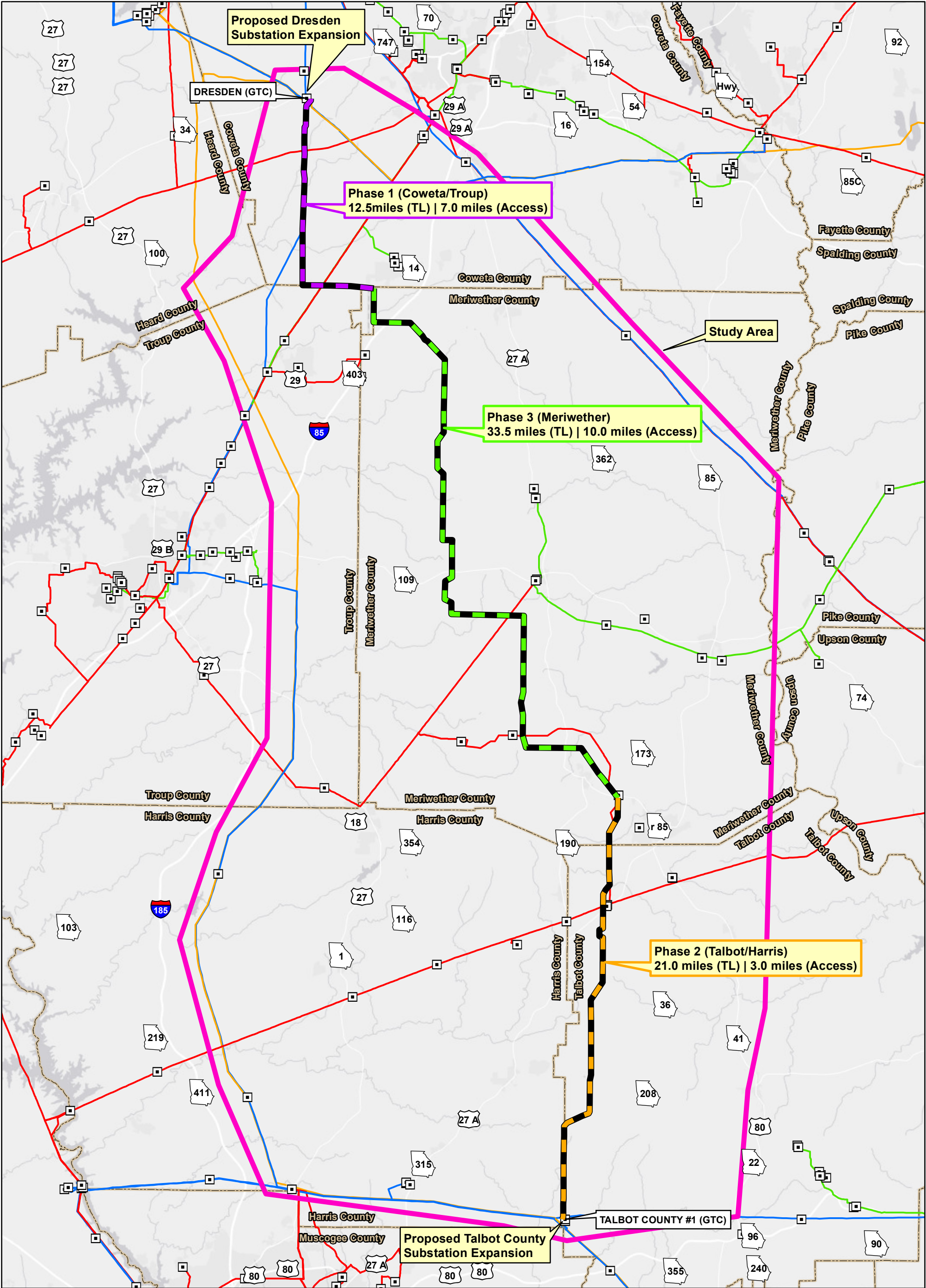
Dresden - Talbot County Dresden Talbot County			Proposed 500kV Transmission Line Proposed 500kV Substation Modification Proposed 500kV Substation Modification		Figure 11.0 Waters and Wetlands	
County: Meriwether, Harris, Talbot		Date: 11/17/2023	Date of Aerial Photography: 3/23/2023	Project #: P79464 (Dresden-Talbot County) C81667 (Dresden Substation) C81665 (Talbot Substation)		 Georgia Transmission
 Existing Substation		 USGS Streams		 500-Year Floodplain		Sheet: 4 of 6
 Proposed Centerline		 County Boundary				 1" = 4,000' 0 2,000 4,000 Feet
 Existing 46 kV T/L		 National Wetland Inventory				
 Existing 115 kV T/L		 100-Year Floodplain				



Dresden - Talbot County Dresden Talbot County			Proposed 500kV Transmission Line Proposed 500kV Substation Modification Proposed 500kV Substation Modification		Figure 11.0 Waters and Wetlands	
County: Meriwether, Harris, Talbot		Date: 11/17/2023	Date of Aerial Photography: 3/23/2023	Project #: P79464 (Dresden-Talbot County) C81667 (Dresden Substation) C81665 (Talbot Substation)		 Georgia Transmission
 Existing Substation		 County Boundary		Sheet: 5 of 6		
 Proposed Centerline		 National Wetland Inventory		Plot: J. Kelley		
 Existing 115 kV T/L		 100-Year Floodplain		 1" = 4,000' 0 2,000 4,000 Feet		
 USGS Streams		 500-Year Floodplain				



Dresden - Talbot County Dresden Talbot County			Proposed 500kV Transmission Line Proposed 500kV Substation Modification Proposed 500kV Substation Modification		Figure 11.0 Waters and Wetlands	
County: Harris, Talbot, Muscogee		Date: 11/17/2023	Date of Aerial Photography: 3/23/2023	Project #: P79464 (Dresden-Talbot County) C81667 (Dresden Substation) C81665 (Talbot Substation)		 Georgia Transmission
 Existing Substation		 USGS Streams		 100-Year Floodplain		Sheet: 6 of 6
 Proposed Centerline		 Proposed Substation Expansion		 500-Year Floodplain		 1" = 4,000' 0 2,000 4,000 Feet
 Existing 230 kV T/L		 County Boundary		 National Wetland Inventory		



Dresden - Talbot County
Dresden
Talbot County

County: Coweta, Troup,
Meriwether, Talbot, Harris

Date: 10/9/2025

Date of Aerial Photography:
3/23/2023

Proposed 500kV Transmission Line
Proposed 500kV Substation Modification
Proposed 500kV Substation Modification

Project #: P79464 (Dresden-Talbot County)
C81667 (Dresden Substation)
C81665 (Talbot Substation)

Figure 12.0
Project Phases

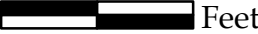
 **Georgia
Transmission**

Sheet: 1 of 1

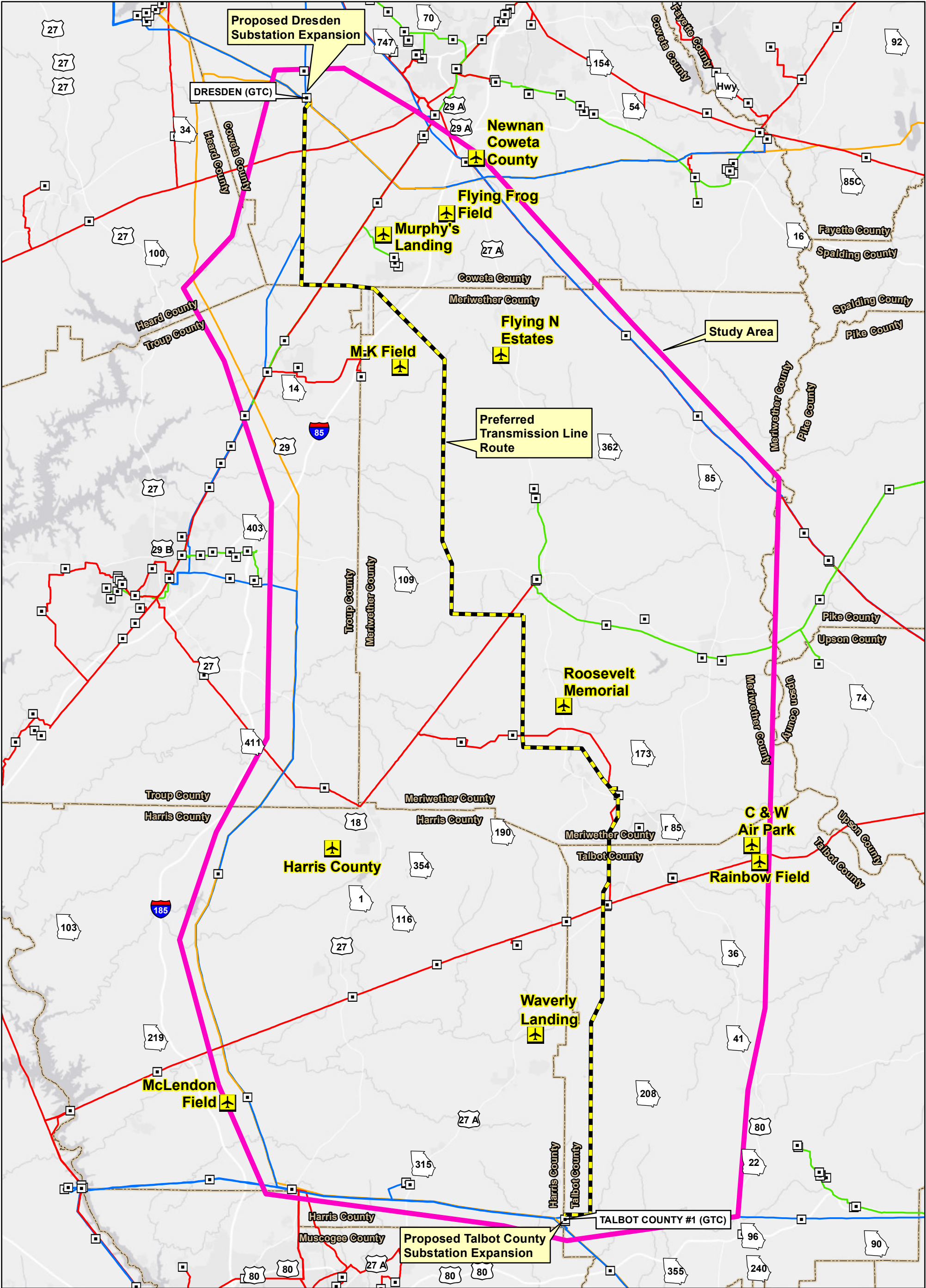
Plot: J. Kelley



1" = 22,000'
0 11,000 22,000

 Feet

- | | | |
|--|---|---|
|  Existing Substation |  Existing 46 kV T/L |  County Boundary |
|  Phase 1 (Coweta/Troup) |  Existing 115 kV T/L |  Study Area |
|  Phase 2 (Talbot/Harris) |  Existing 230 kV T/L | |
|  Phase 3 (Meriwether) |  Existing 500 kV T/L | |



Dresden - Talbot County Dresden Talbot County			Proposed 500kV Transmission Line Proposed 500kV Substation Modification Proposed 500kV Substation Modification		Figure 14.0 Airports	
County: Coweta, Troup, Meriwether, Talbot, Harris	Date: 11/17/2023	Date of Aerial Photography: 3/23/2023	Project #: P79464 (Dresden-Talbot County) C81667 (Dresden Substation) C81665 (Talbot Substation)		 Georgia Transmission	
 Airports  Existing Substation  Preferred Transmission Line Route  Existing 46 kV T/L  Existing 115 kV T/L  Existing 230 kV T/L  Existing 500 kV T/L  County Boundary  Study Area					Sheet: 1 of 1	Plot: J. Kelley
					 1 " = 22,000 ' 0 11,000 22,000  Feet	