

- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

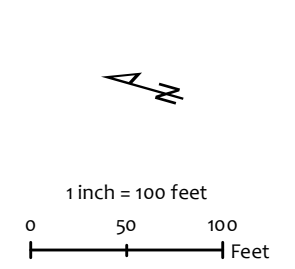
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Wetlands of Special State Concern**
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015
****Wetlands of Special State Concern:** Delineated Wetlands that overlap the DNR WSSC Layer (MD DNR, 1998)

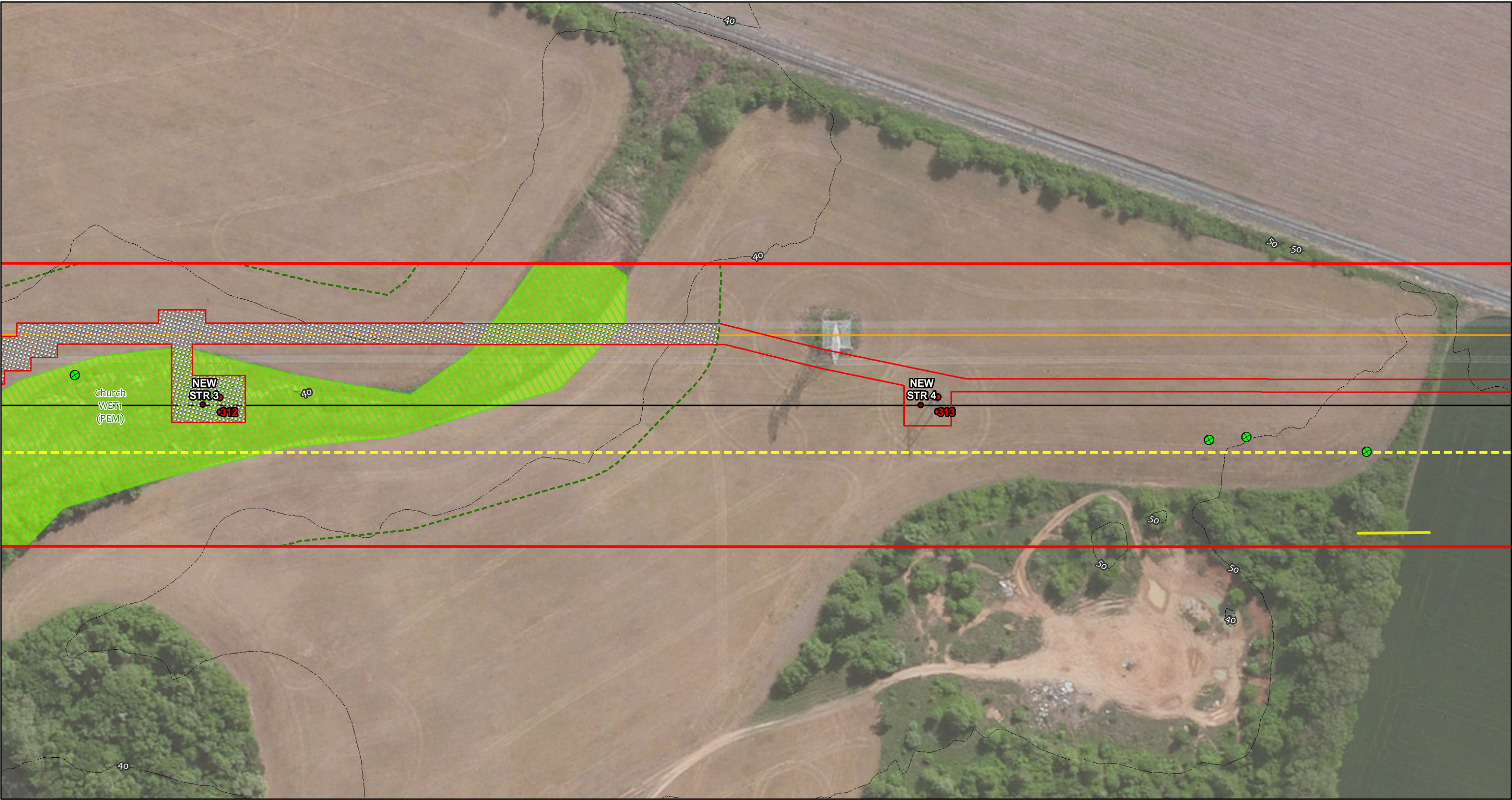


Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan

Page 1 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

- Limit of Disturbance
- Matting

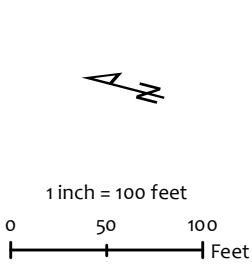
- 100 Year Floodplain
- Delineated Wetlands
- Wetlands of Special State Concern**
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland buffer.

Data Sources

Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015
****Wetlands of Special State Concern:** Delineated Wetlands that overlap the DNR WSSC Layer (MD DNR, 1998)



Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan



| | | | | | | | |
|--|--|--|---|---|---|---|--|
| <p>100 ● New Structure</p> <p>100 ● ● Existing Structure</p> <p>PHI Right of Way</p> <p>Proposed 138kV Line</p> <p>Existing 230kV Line</p> <p>Major Contour</p> <p>Engineered Edge of Right of Way</p> | <p>Limit of Disturbance</p> <p>Matting</p> | <p>100 Year Floodplain</p> <p>Delineated Wetlands</p> <p>Delineated Waters of the US</p> <p>Maryland DNR Wetlands</p> <p>Wetland Buffer*</p> | <p>Tree Removal</p> <p>Wall Trim</p> <p>Linear Trim</p> <p>Selected Tree Clearing</p> | <p>*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.</p> | <p>Data Sources</p> <p>Floodplain: FEMA NFHL, 2015</p> <p>MD DNR Wetlands: MD DNR, 1993</p> <p>Aerial Imagery: ESRI Worldwide Imagery Layer, 2015</p> | <p>1 inch = 100 feet</p> <p>0 50 100 Feet</p> | <p></p> <p>Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)</p> <p>Project Plan</p> <p>Page 3 of 90</p> <p>May 2015</p> |
|--|--|--|---|---|---|---|--|



- 100 ● New Structure
- 100 ● ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources

Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015





















1 inch = 100 feet
0 50 100 Feet



Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan

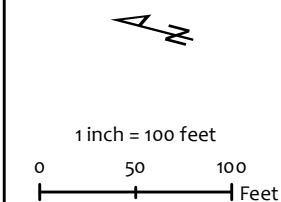


- | | | | | | | | |
|---|---------------------------------|---|----------------------|---|-----------------------------|---|------------------------|
|  | New Structure |  | Limit of Disturbance |  | 100 Year Floodplain |  | Tree Removal |
|  | Existing Structure |  | Matting |  | Delineated Wetlands |  | Wall Trim |
|  | PHI Right of Way | | |  | Delineated Waters of the US |  | Linear Trim |
|  | Proposed 138kV Line | | |  | Maryland DNR Wetlands |  | Selected Tree Clearing |
|  | Existing 230kV Line | | |  | Wetland Buffer* | | |
|  | Major Contour | | | | | | |
|  | Engineered Edge of Right of Way | | | | | | |

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources

Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide
 Imagery Layer, 2015

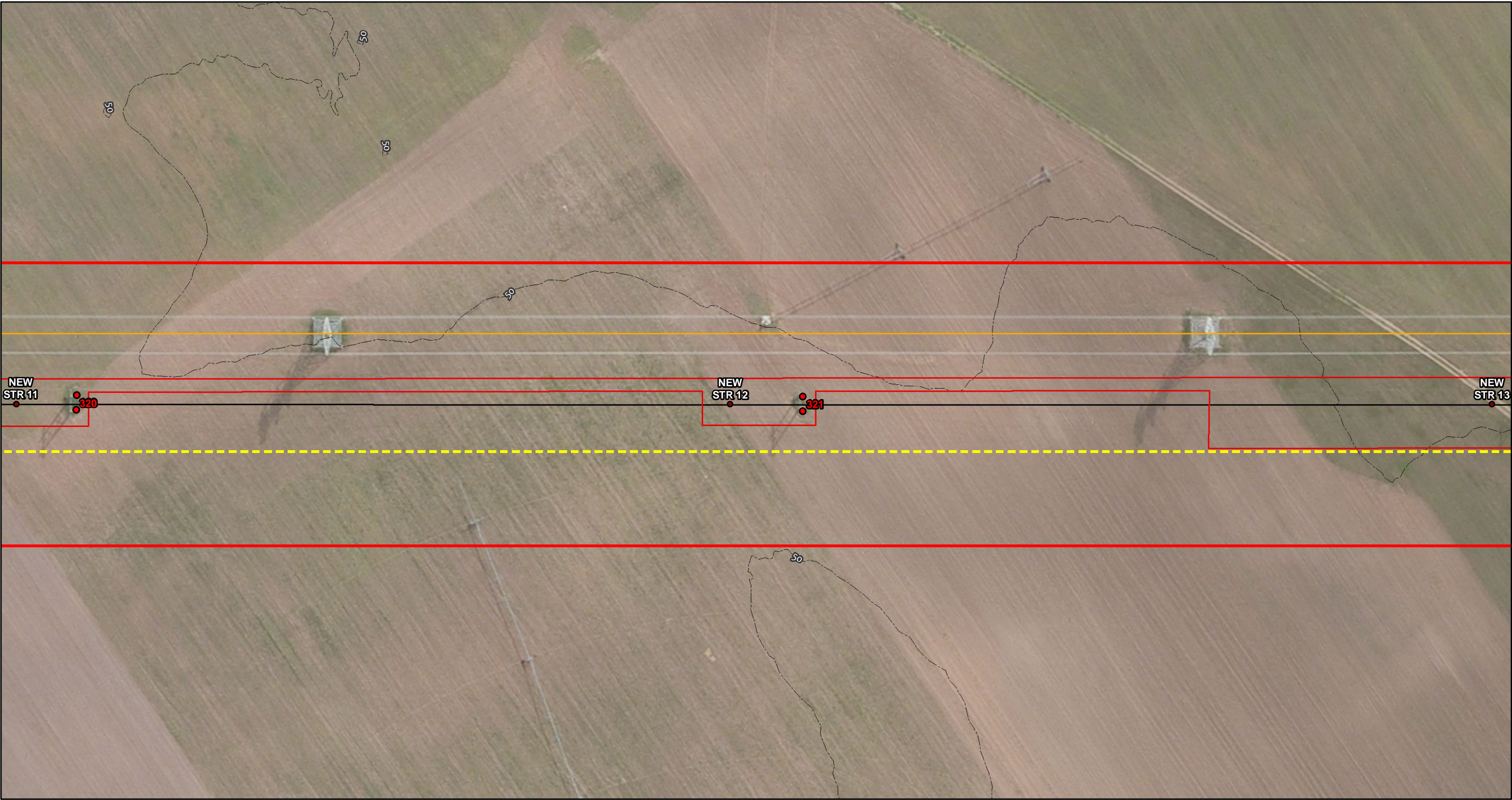


**Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)**

Project Plan

Page 5 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

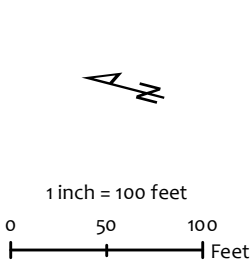
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

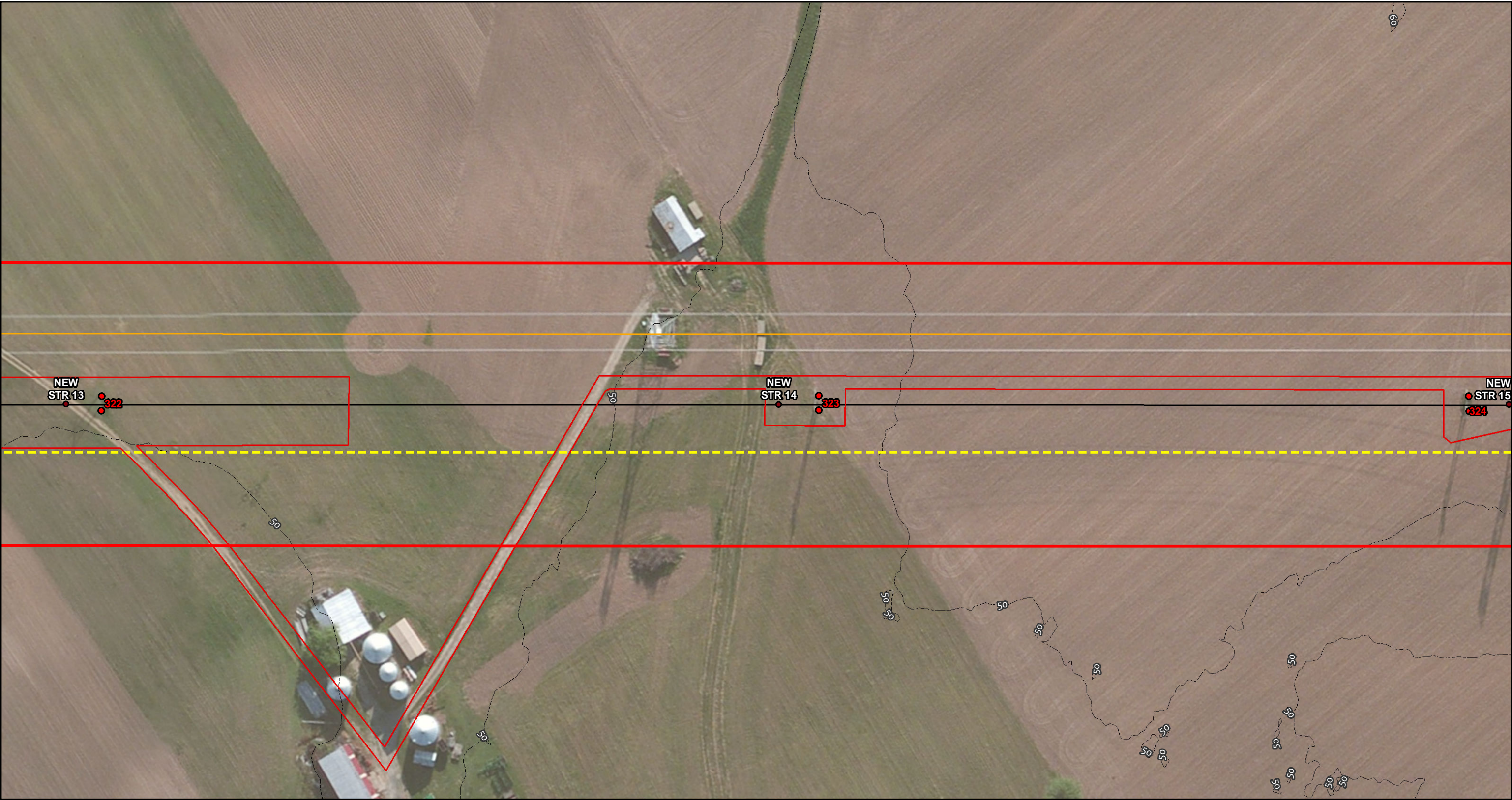


Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

Project Plan

Page 6 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

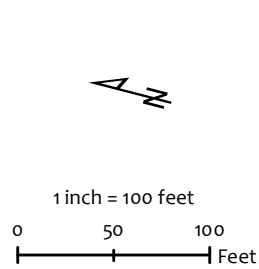
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015



Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan

Page 7 of 90

May 2015



- 100 New Structure
- 100 Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

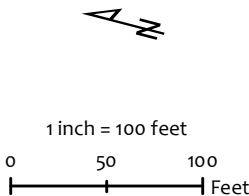
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

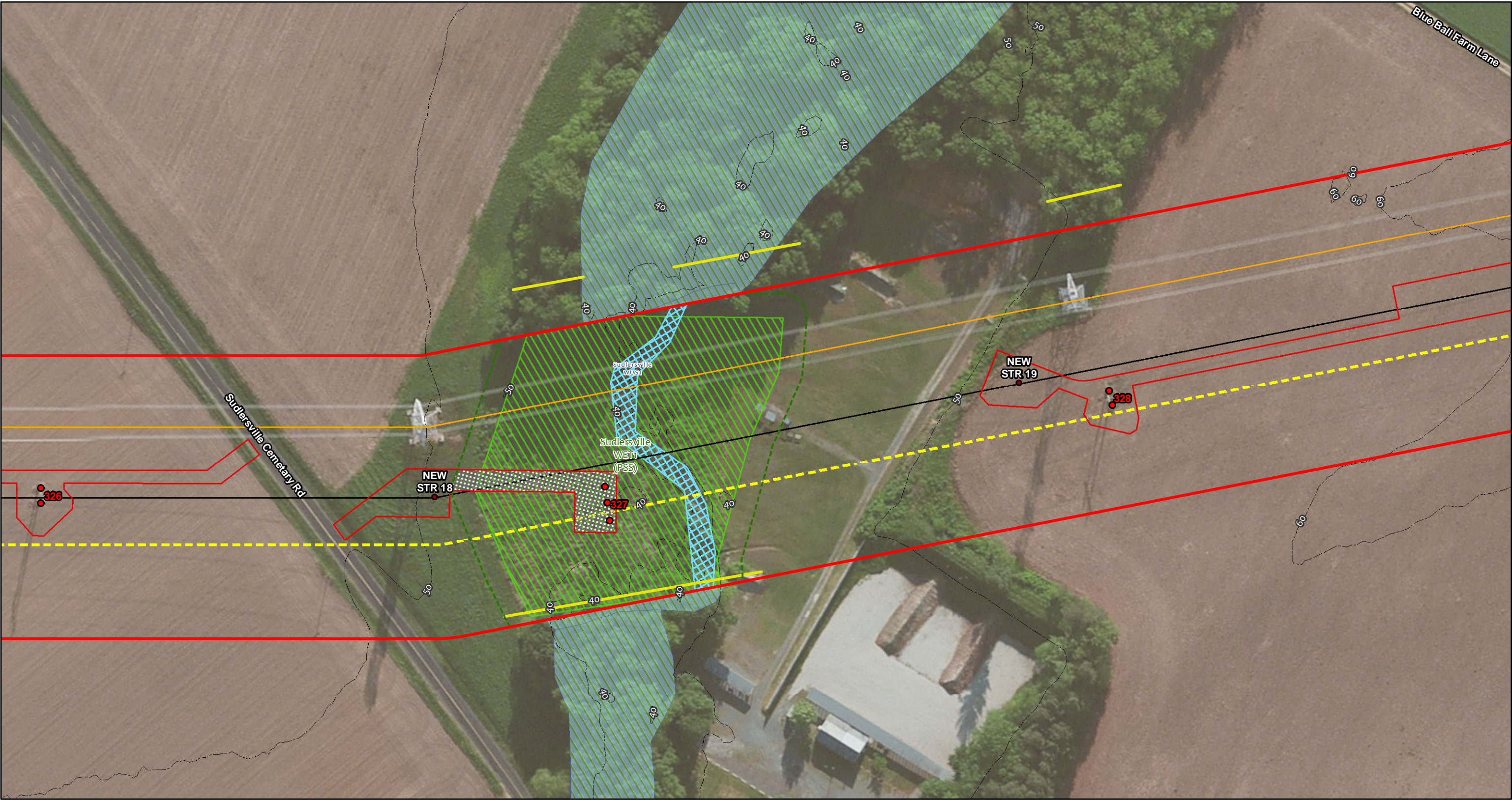


Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

Project Plan

Page 8 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

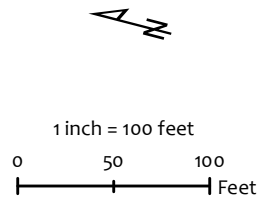
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

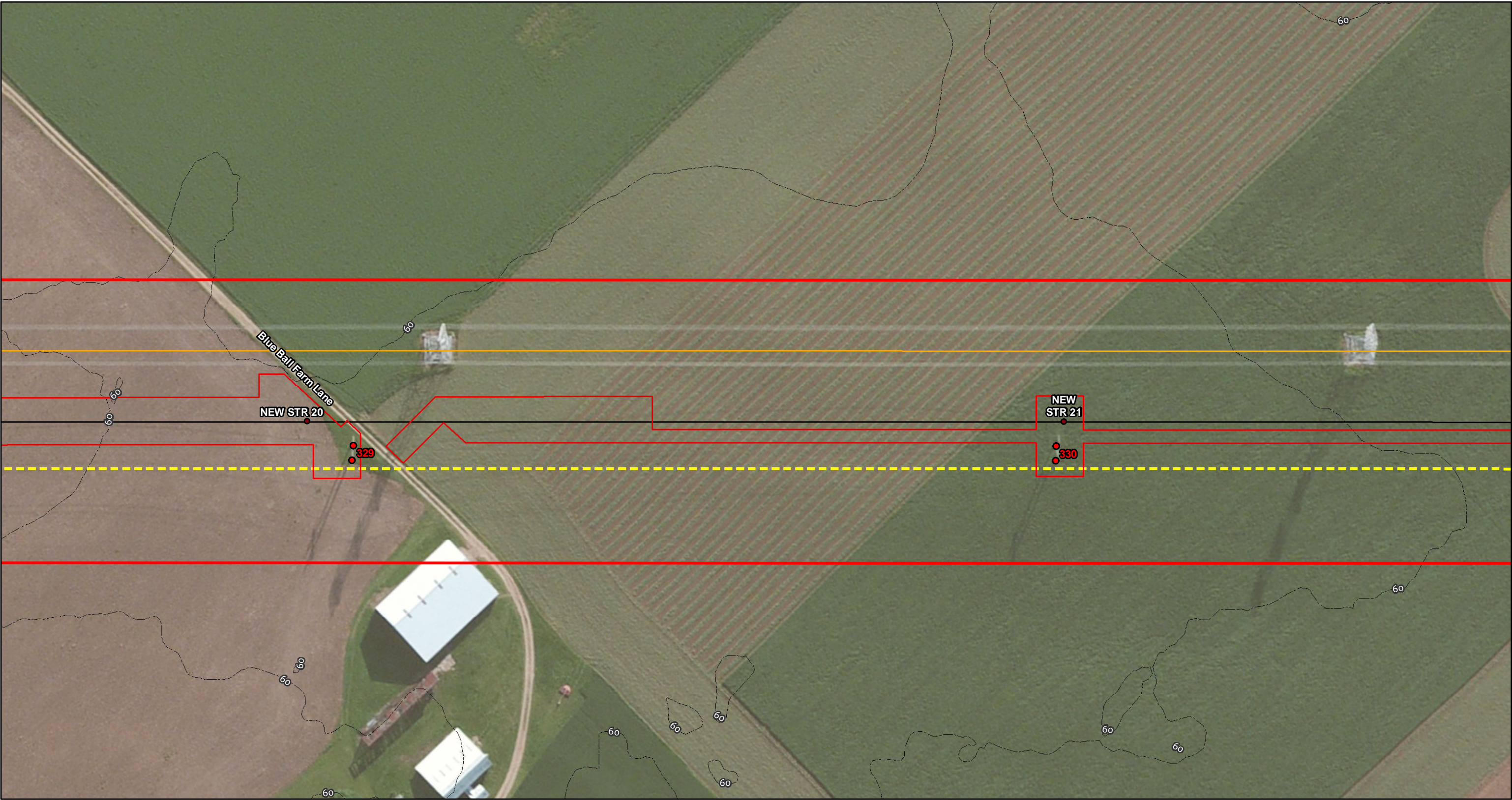


Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

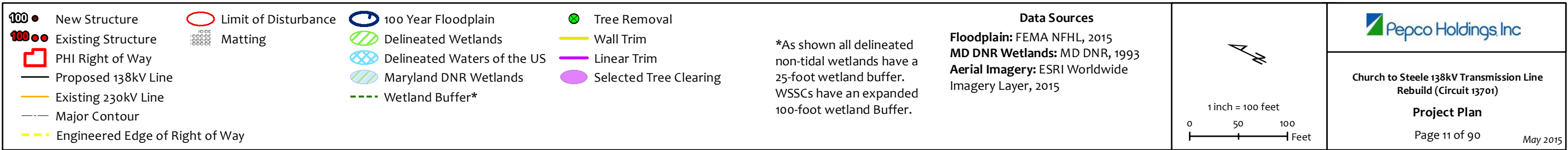
Project Plan

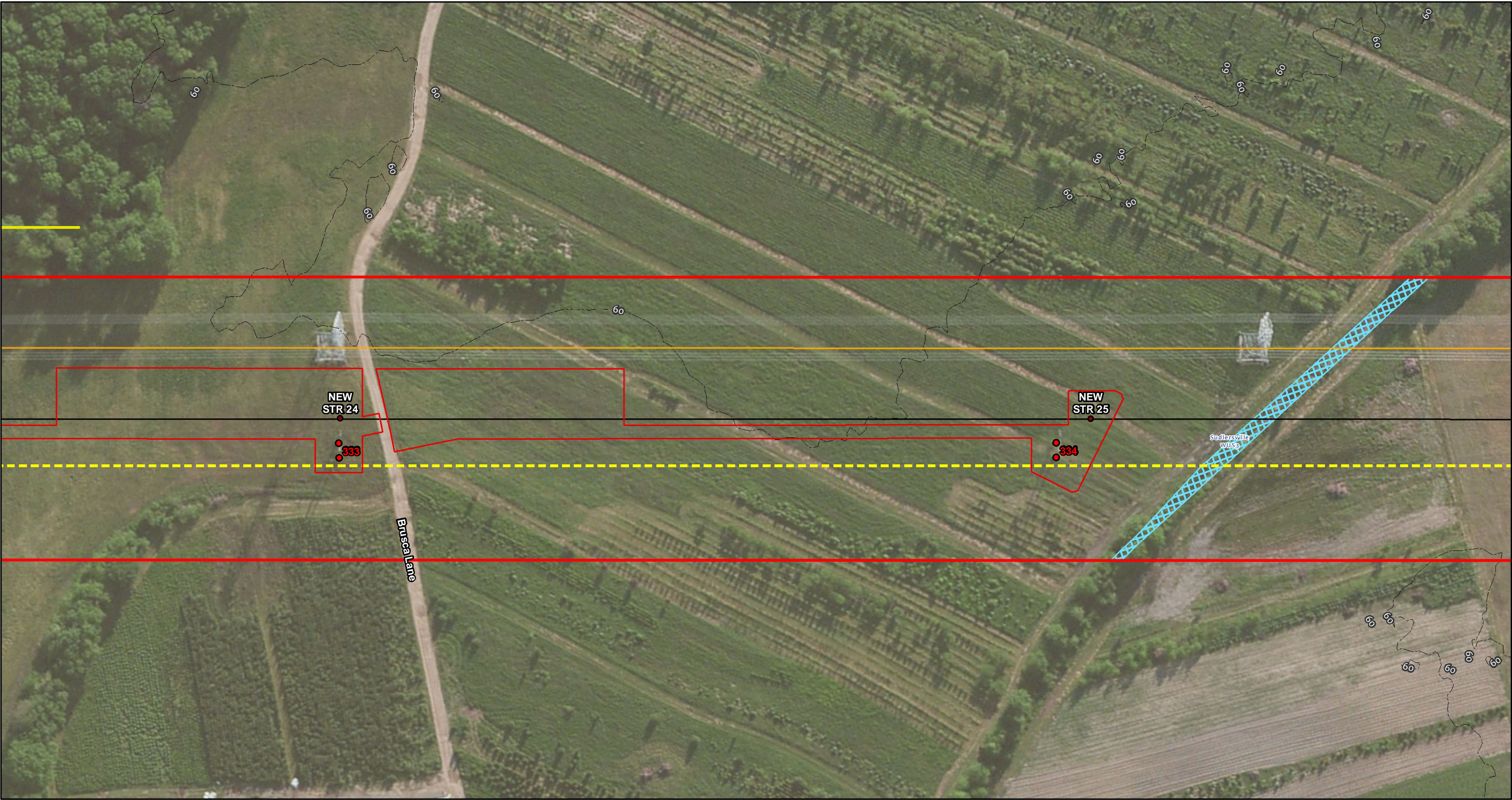
Page 9 of 90

May 2015

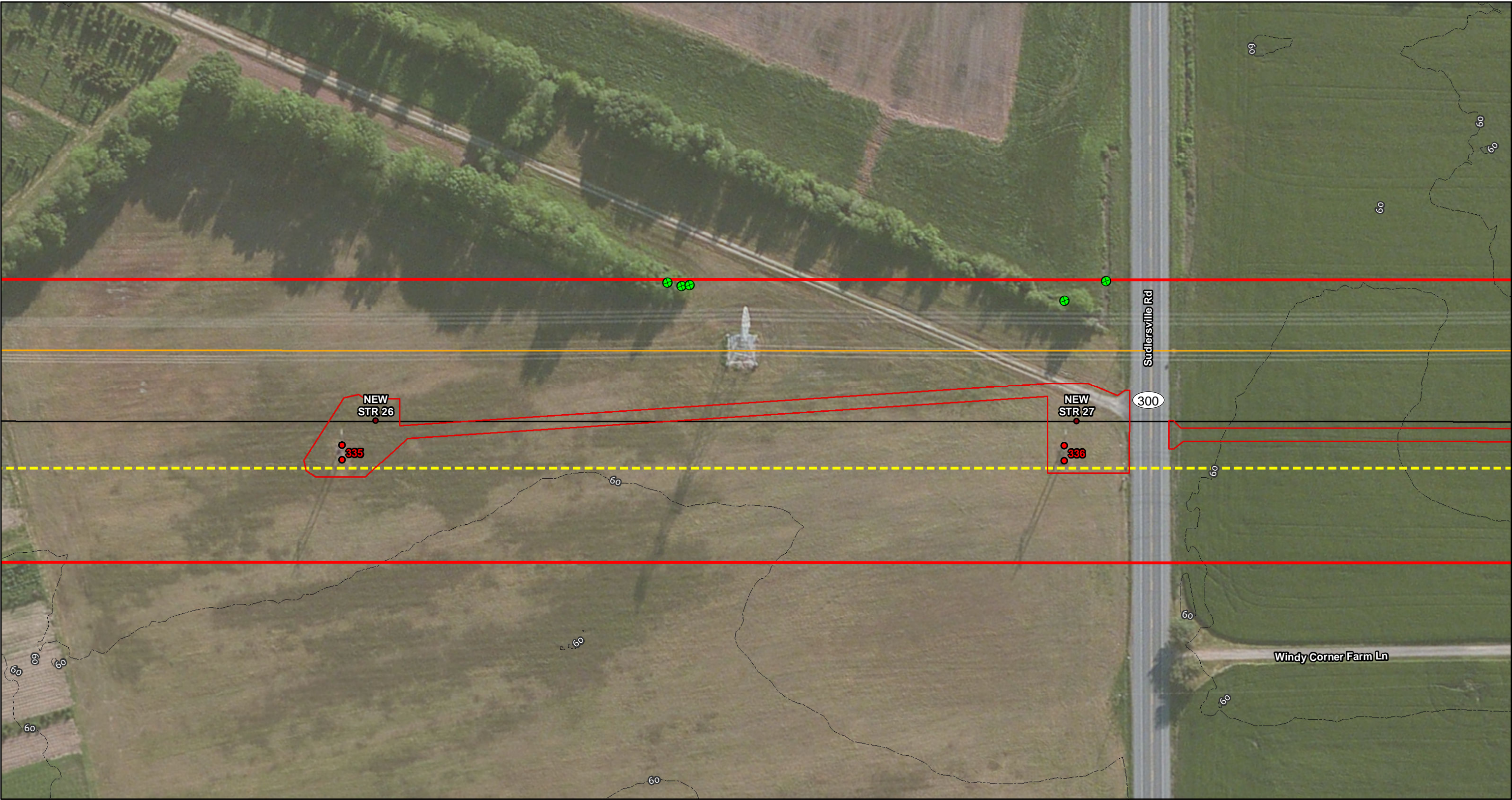


| | | | | | | |
|--|--|---|---|---|--|--|
| <p>100 ● New Structure</p> <p>100 ●● Existing Structure</p> <p>100 PHI Right of Way</p> <p>— Proposed 138kV Line</p> <p>— Existing 230kV Line</p> <p>--- Major Contour</p> <p>--- Engineered Edge of Right of Way</p> | <p>100 Limit of Disturbance</p> <p>100 Matting</p> | <p>100 100 Year Floodplain</p> <p>100 Delineated Wetlands</p> <p>100 Delineated Waters of the US</p> <p>100 Maryland DNR Wetlands</p> <p>100 Wetland Buffer*</p> | <p>100 Tree Removal</p> <p>100 Wall Trim</p> <p>100 Linear Trim</p> <p>100 Selected Tree Clearing</p> | <p>Data Sources</p> <p>Floodplain: FEMA NFHL, 2015</p> <p>MD DNR Wetlands: MD DNR, 1993</p> <p>Aerial Imagery: ESRI Worldwide Imagery Layer, 2015</p> <p>*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.</p> | <p>1 inch = 100 feet</p> <p>0 50 100 Feet</p> | <p>Pepco Holdings Inc</p> <p>Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)</p> <p>Project Plan</p> <p>Page 10 of 90</p> <p>May 2015</p> |
|--|--|---|---|---|--|--|





| | | | | | | |
|--|--|--|---|---|--|--|
| <p>100 ● New Structure</p> <p>100 ● ● Existing Structure</p> <p>PHI Right of Way</p> <p>Proposed 138kV Line</p> <p>Existing 230kV Line</p> <p>Major Contour</p> <p>Engineered Edge of Right of Way</p> | <p>Limit of Disturbance</p> <p>Matting</p> | <p>100 Year Floodplain</p> <p>Delineated Wetlands</p> <p>Delineated Waters of the US</p> <p>Maryland DNR Wetlands</p> <p>Wetland Buffer*</p> | <p>Tree Removal</p> <p>Wall Trim</p> <p>Linear Trim</p> <p>Selected Tree Clearing</p> | <p>Data Sources</p> <p>Floodplain: FEMA NFHL, 2015</p> <p>MD DNR Wetlands: MD DNR, 1993</p> <p>Aerial Imagery: ESRI Worldwide Imagery Layer, 2015</p> <p>*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland buffer.</p> | <p>North Arrow</p> <p>1 inch = 100 feet</p> <p>0 50 100 Feet</p> | <p>Pepco Holdings Inc</p> <p>Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)</p> <p>Project Plan</p> <p>Page 12 of 90</p> <p>May 2015</p> |
|--|--|--|---|---|--|--|



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

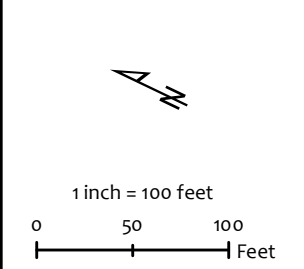
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

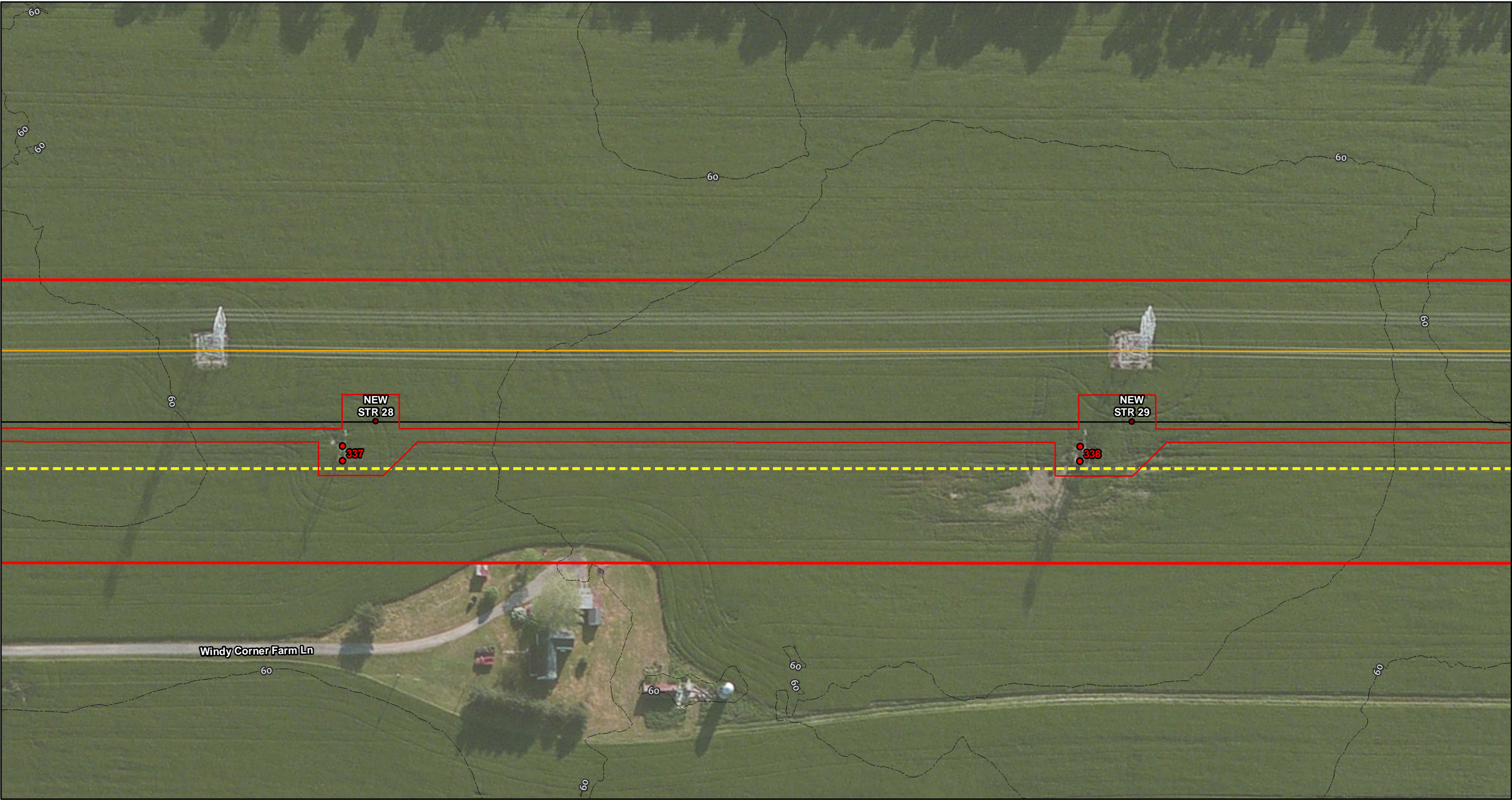


Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

Project Plan

Page 13 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

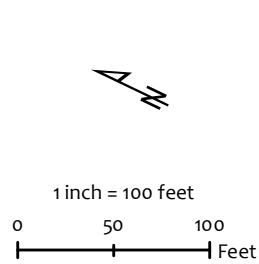
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

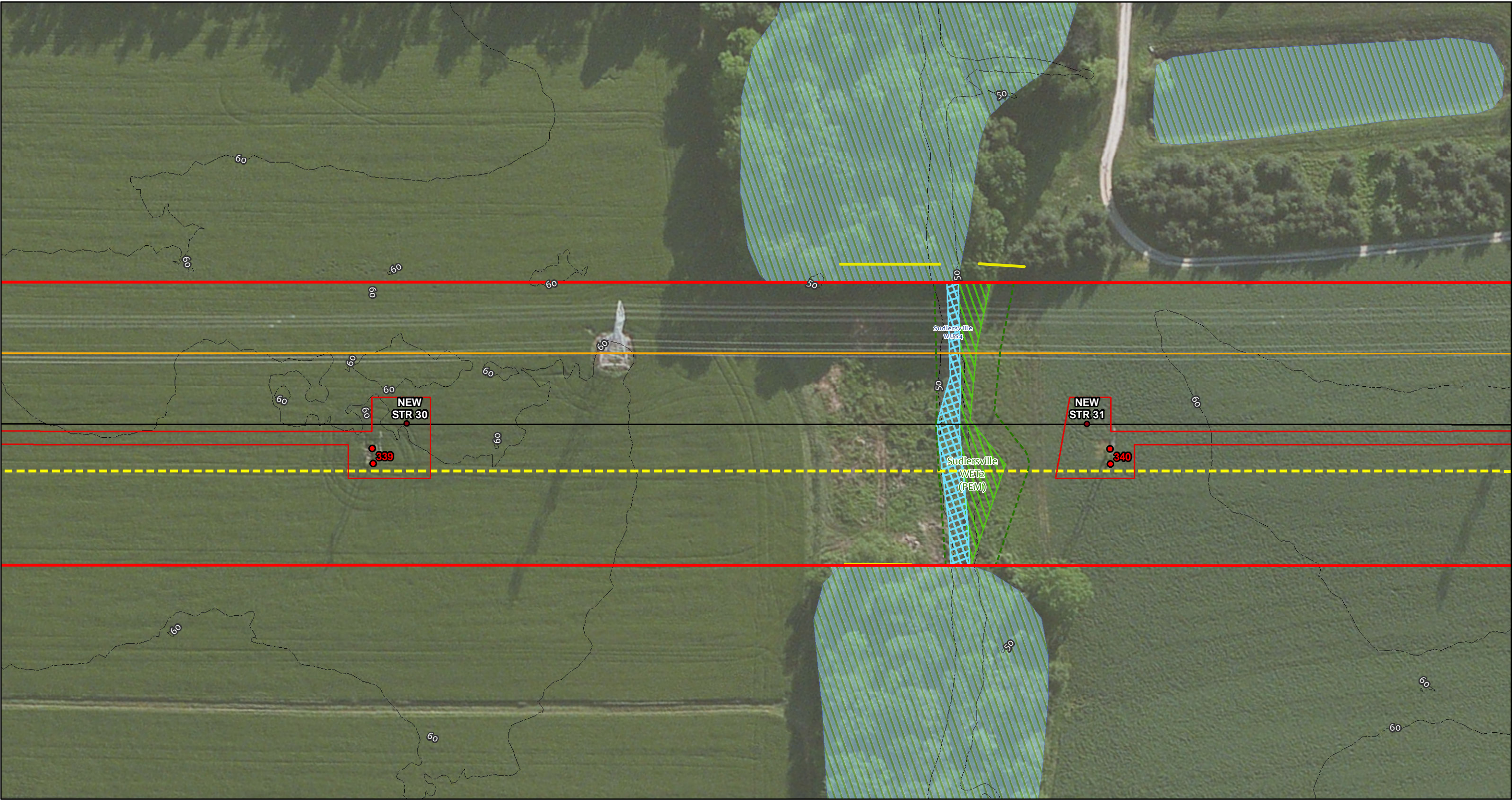


Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

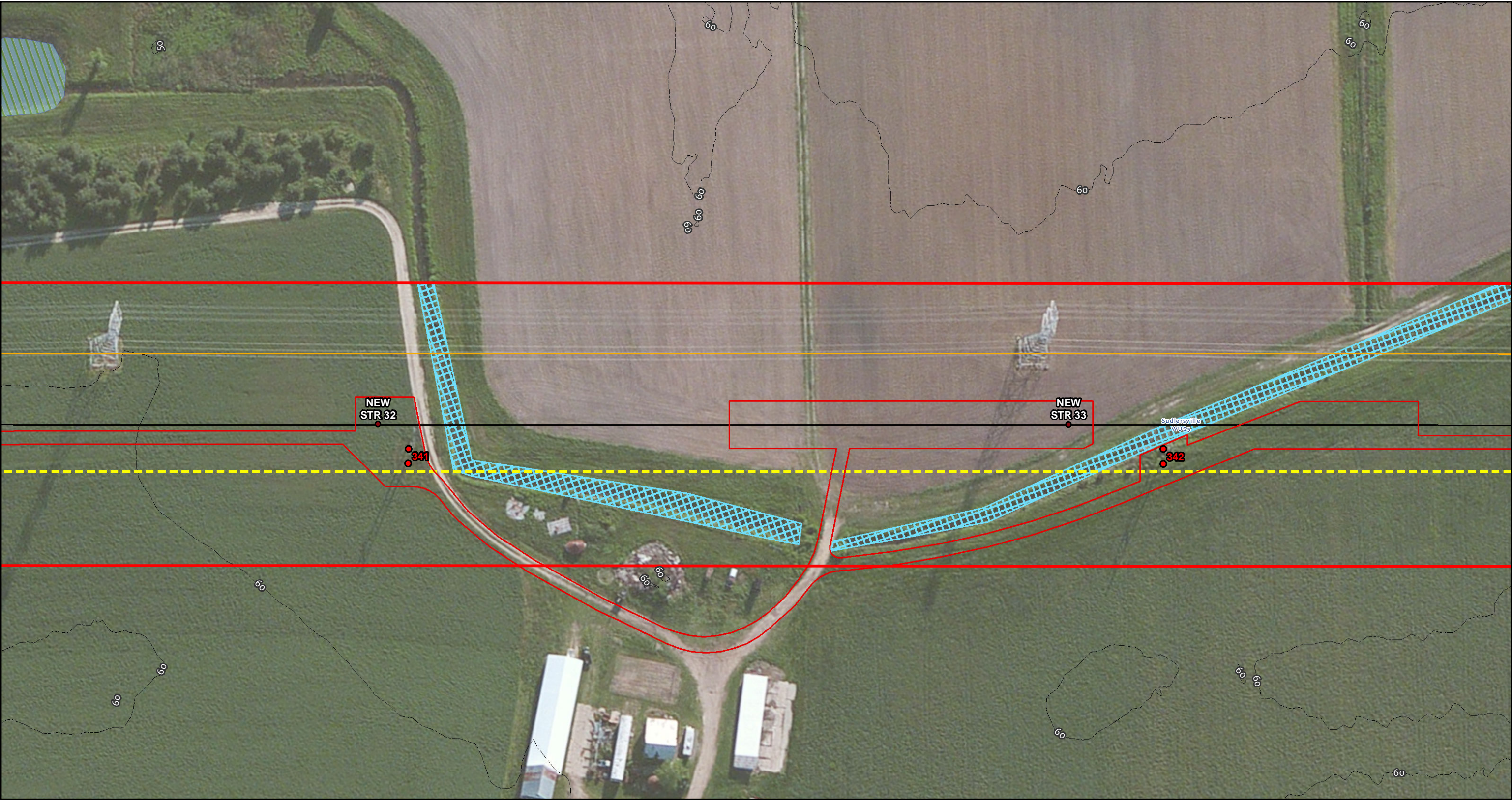
Project Plan

Page 14 of 90

May 2015



| | | | | | | | |
|--|--|--|---|---|---|--|--|
| <p>100 ● New Structure</p> <p>100 ● Existing Structure</p> <p>PHI Right of Way</p> <p>Proposed 138kV Line</p> <p>Existing 230kV Line</p> <p>Major Contour</p> <p>Engineered Edge of Right of Way</p> | <p>Limit of Disturbance</p> <p>Matting</p> | <p>100 Year Floodplain</p> <p>Delineated Wetlands</p> <p>Delineated Waters of the US</p> <p>Maryland DNR Wetlands</p> <p>Wetland Buffer*</p> | <p>Tree Removal</p> <p>Wall Trim</p> <p>Linear Trim</p> <p>Selected Tree Clearing</p> | <p>*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.</p> | <p>Data Sources</p> <p>Floodplain: FEMA NFHL, 2015</p> <p>MD DNR Wetlands: MD DNR, 1993</p> <p>Aerial Imagery: ESRI Worldwide Imagery Layer, 2015</p> | <p>North Arrow</p> <p>1 inch = 100 feet</p> <p>0 50 100 Feet</p> | <p>Pepco Holdings Inc</p> <p>Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)</p> <p>Project Plan</p> <p>Page 15 of 90</p> <p>May 2015</p> |
|--|--|--|---|---|---|--|--|



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

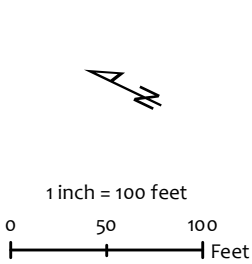
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

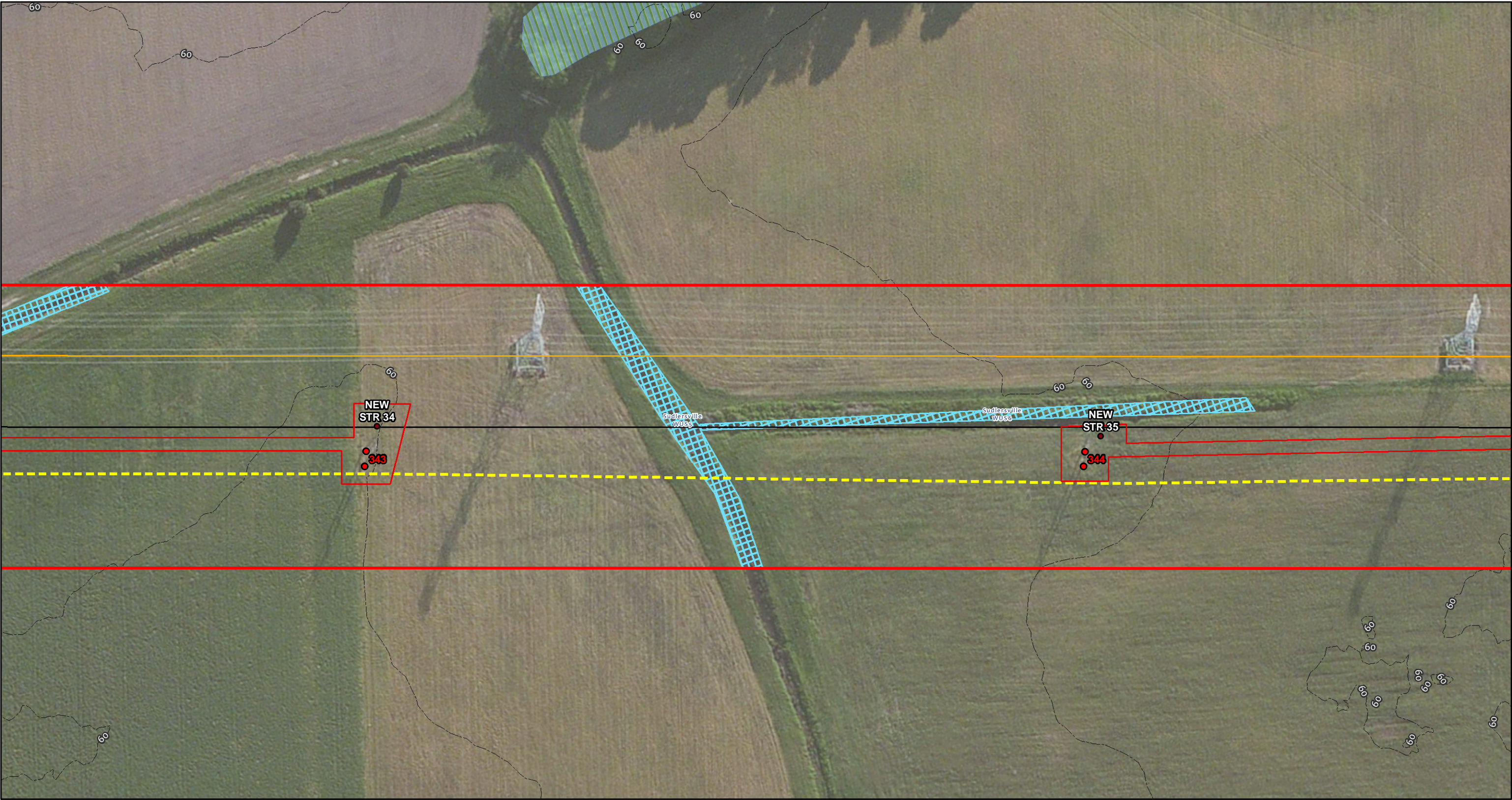


Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

Project Plan

Page 16 of 90

May 2015



- 100 ● New Structure
- 100 ● ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

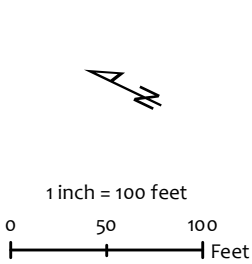
- Limit of Disturbance
- Matting

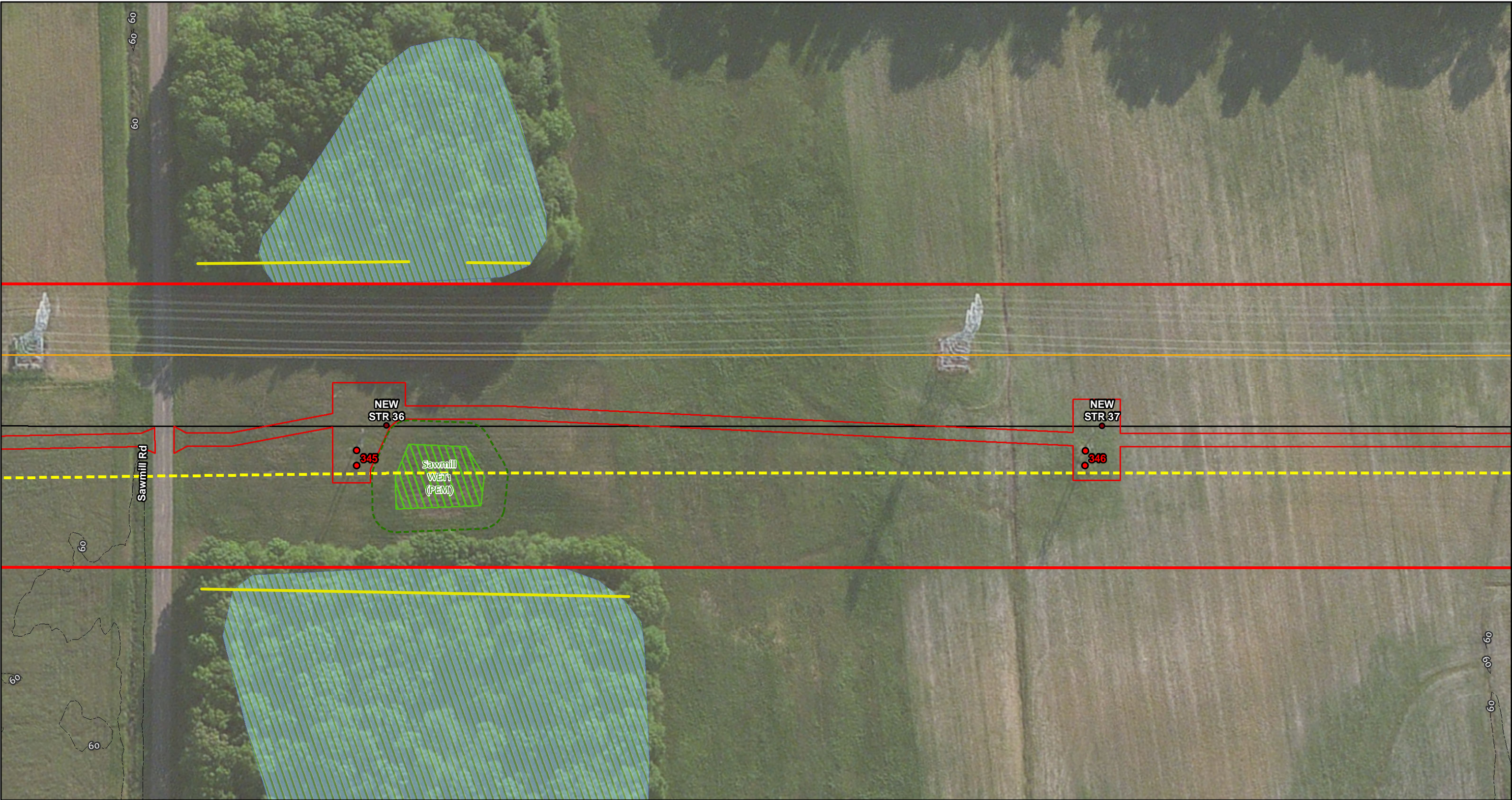
- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015





- 100 ● New Structure
- 100 ● ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

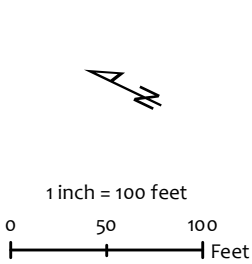
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

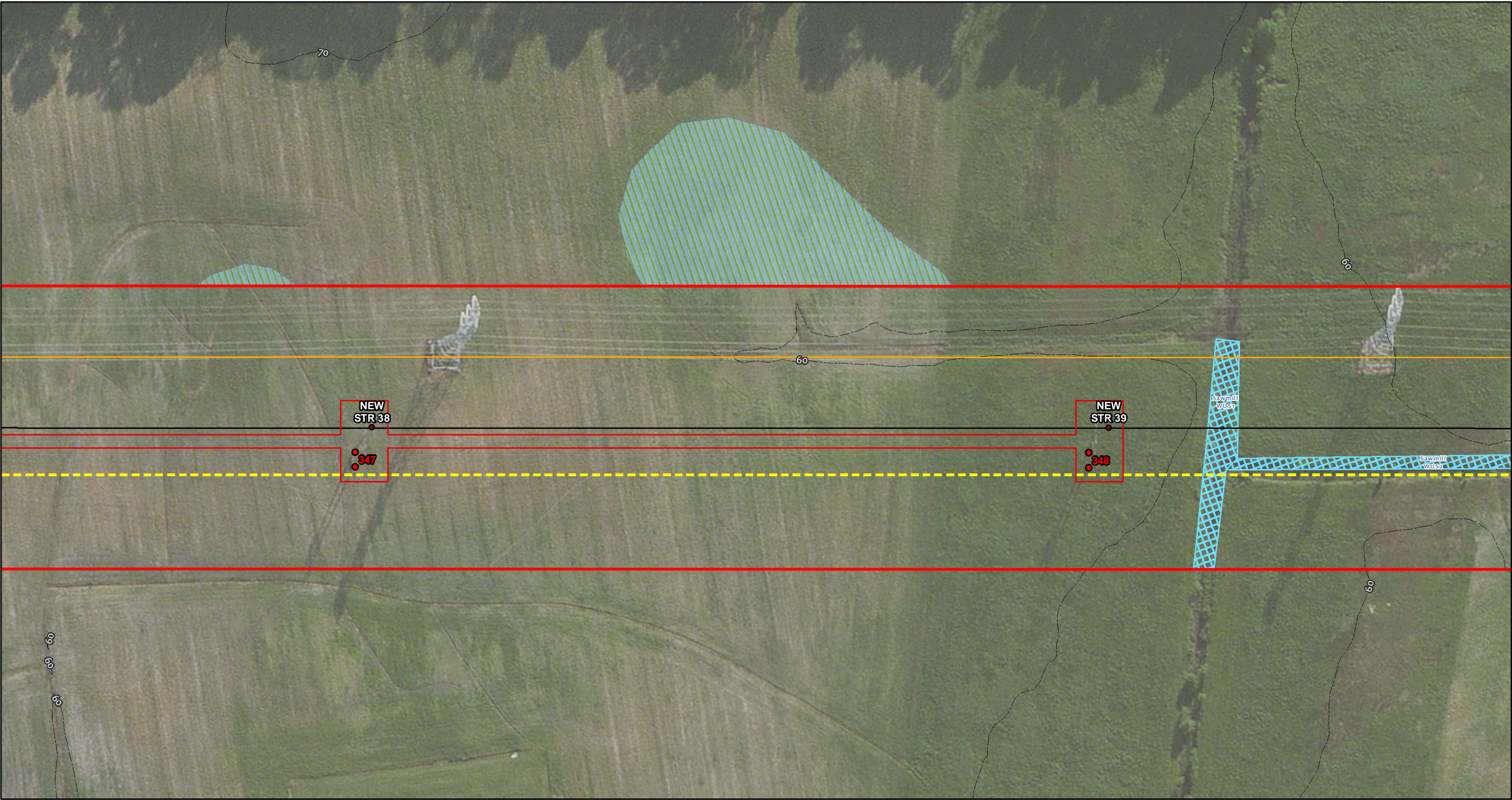


Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan

Page 18 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

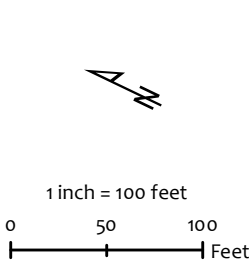
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

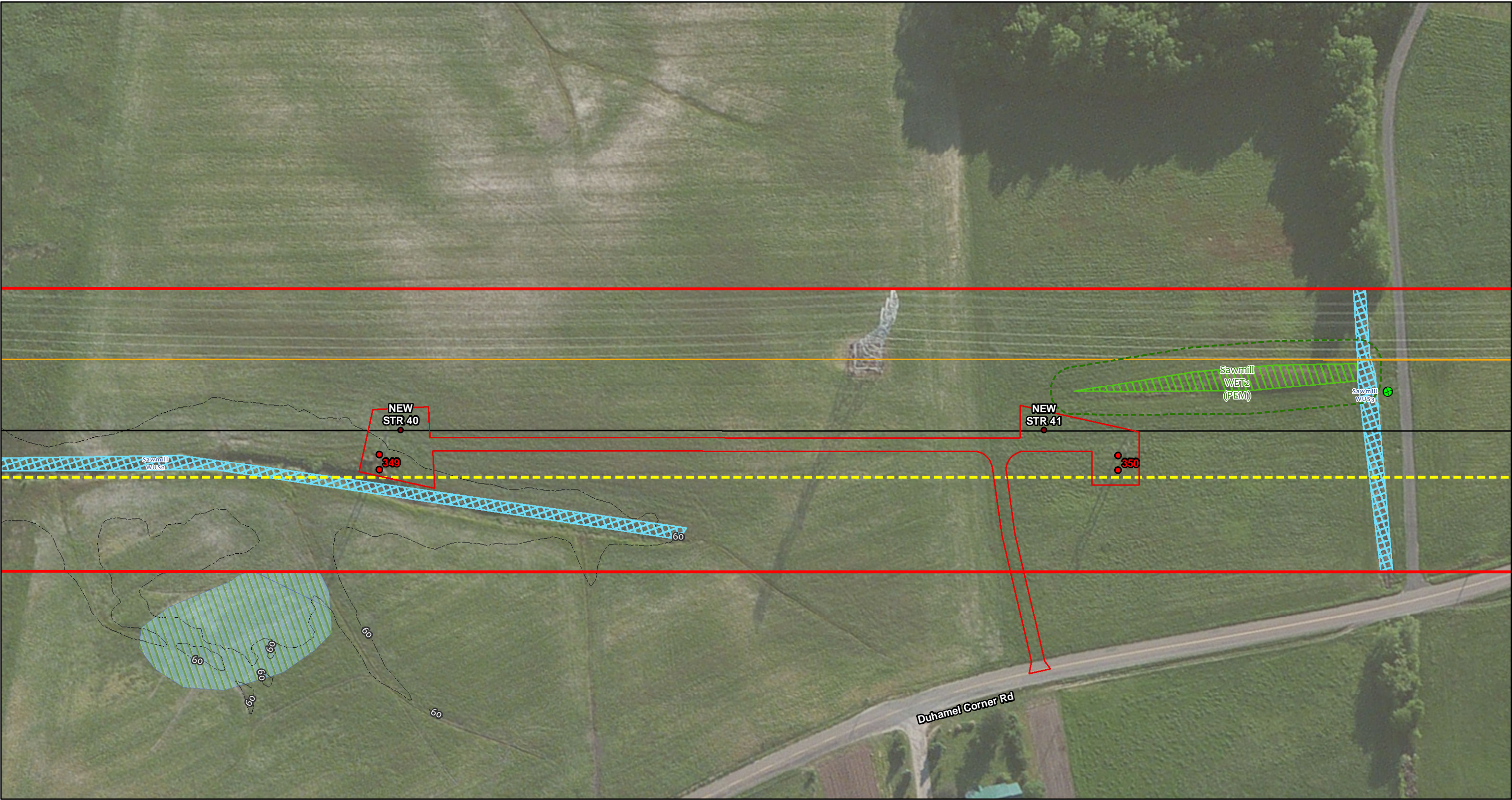


Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

Project Plan

Page 19 of 90

May 2015



- 100 ● New Structure
- 100 ● ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

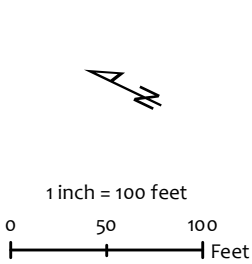
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

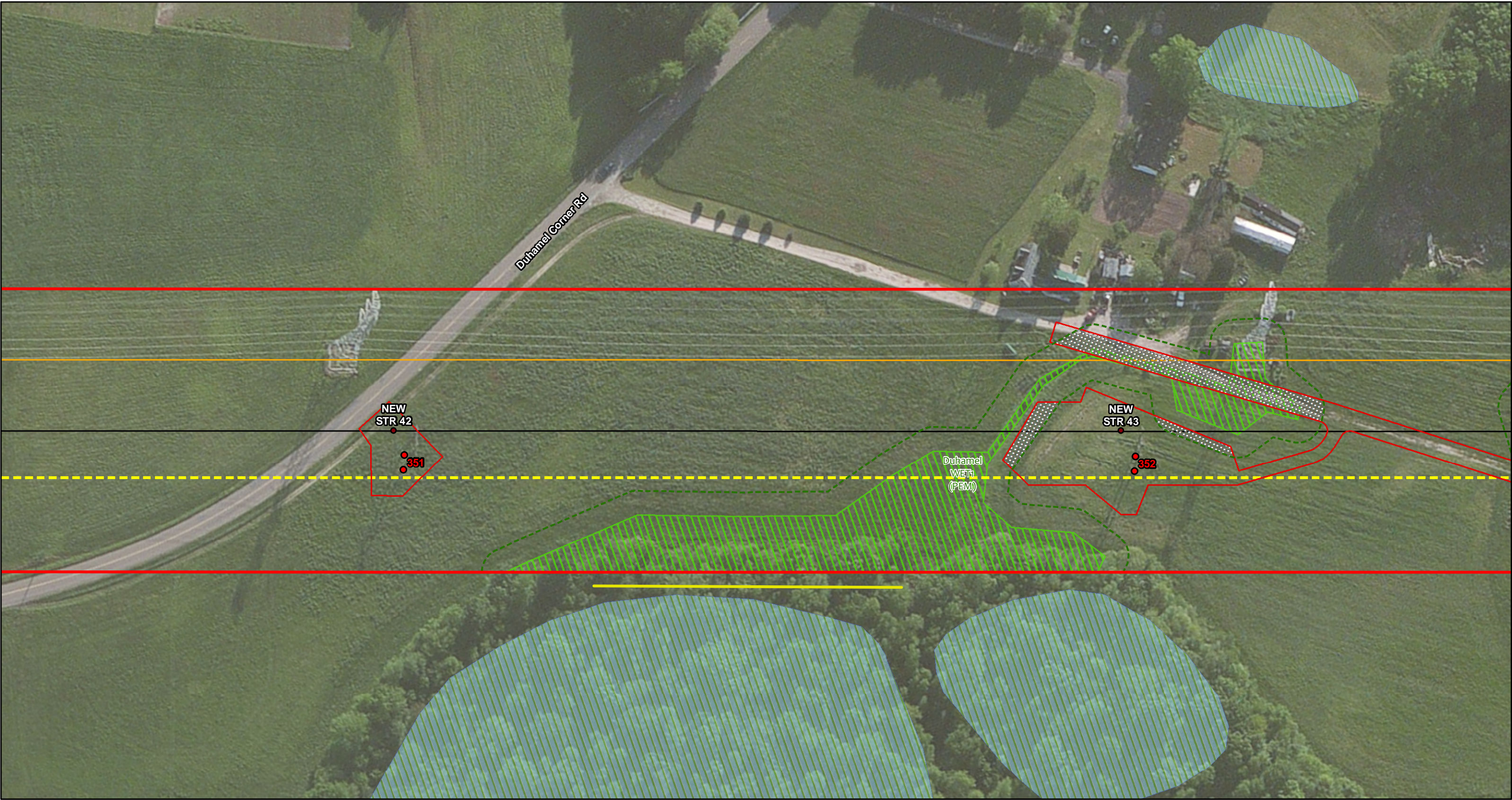
*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

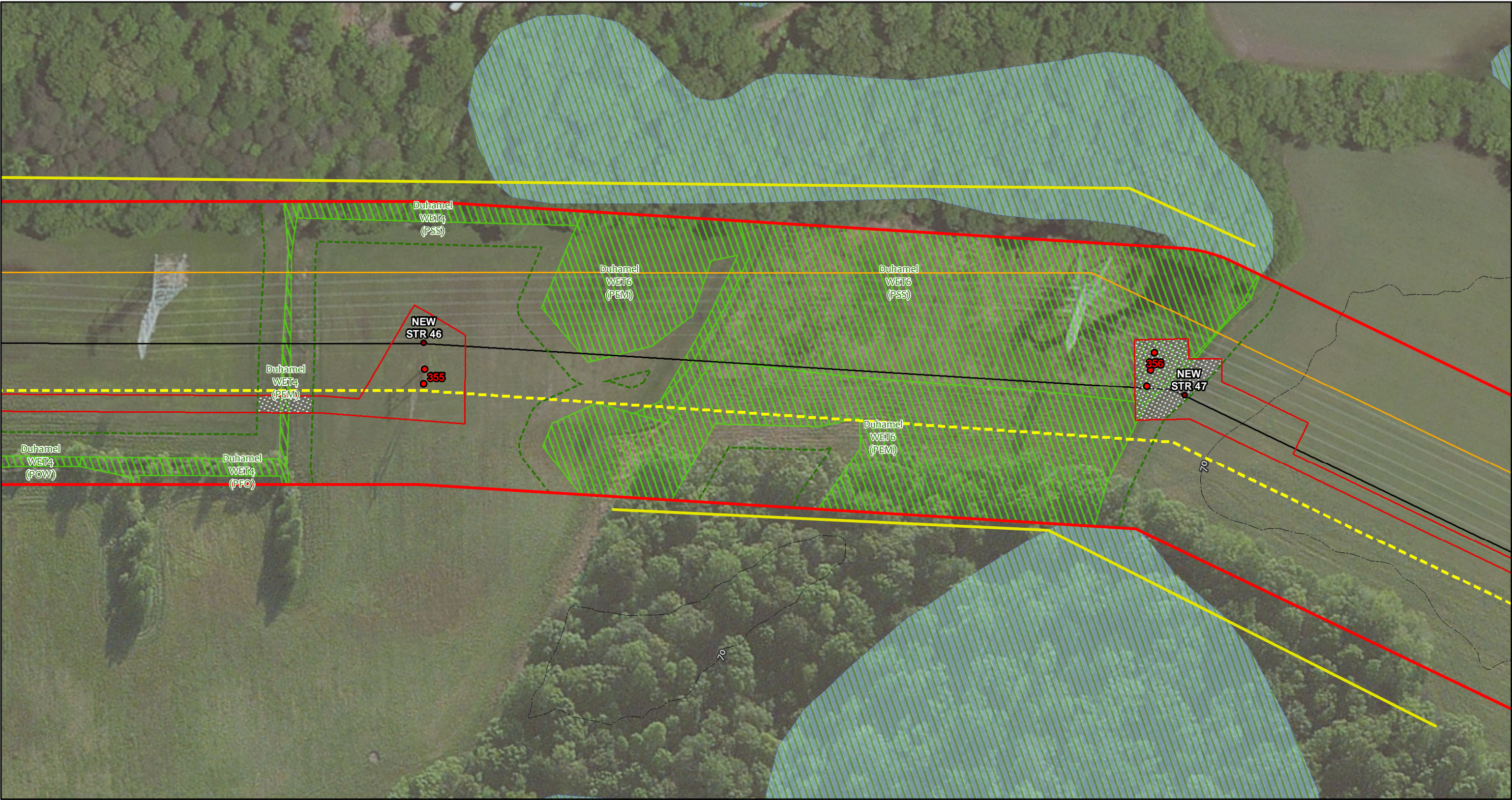


Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

Project Plan



| | | | | | | |
|--|--|--|---|---|--|--|
| <p>100 ● New Structure</p> <p>100 ● ● Existing Structure</p> <p>PHI Right of Way</p> <p>Proposed 138kV Line</p> <p>Existing 230kV Line</p> <p>Major Contour</p> <p>Engineered Edge of Right of Way</p> | <p>Limit of Disturbance</p> <p>Matting</p> | <p>100 Year Floodplain</p> <p>Delineated Wetlands</p> <p>Delineated Waters of the US</p> <p>Maryland DNR Wetlands</p> <p>Wetland Buffer*</p> | <p>Tree Removal</p> <p>Wall Trim</p> <p>Linear Trim</p> <p>Selected Tree Clearing</p> | <p>Data Sources</p> <p>Floodplain: FEMA NFHL, 2015</p> <p>MD DNR Wetlands: MD DNR, 1993</p> <p>Aerial Imagery: ESRI Worldwide Imagery Layer, 2015</p> <p>*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.</p> | <p>North Arrow</p> <p>1 inch = 100 feet</p> <p>0 50 100 Feet</p> | <p>Pepco Holdings Inc</p> <p>Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)</p> <p>Project Plan</p> <p>Page 21 of 90</p> <p>May 2015</p> |
|--|--|--|---|---|--|--|



- 100 ● New Structure
- 100 ● ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

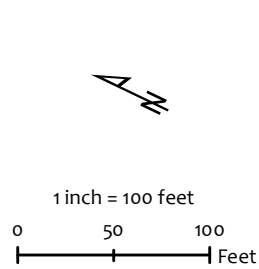
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

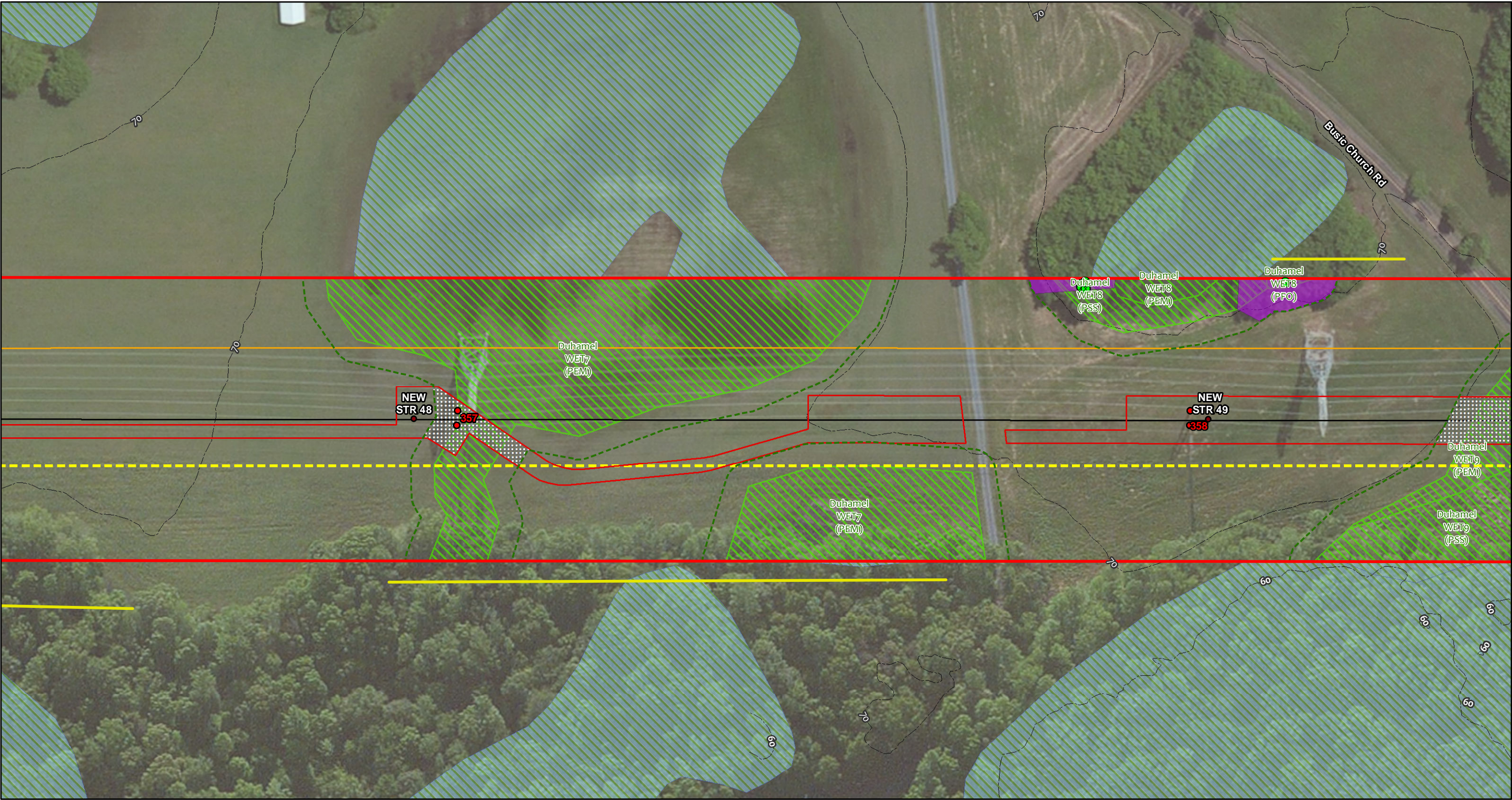
*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

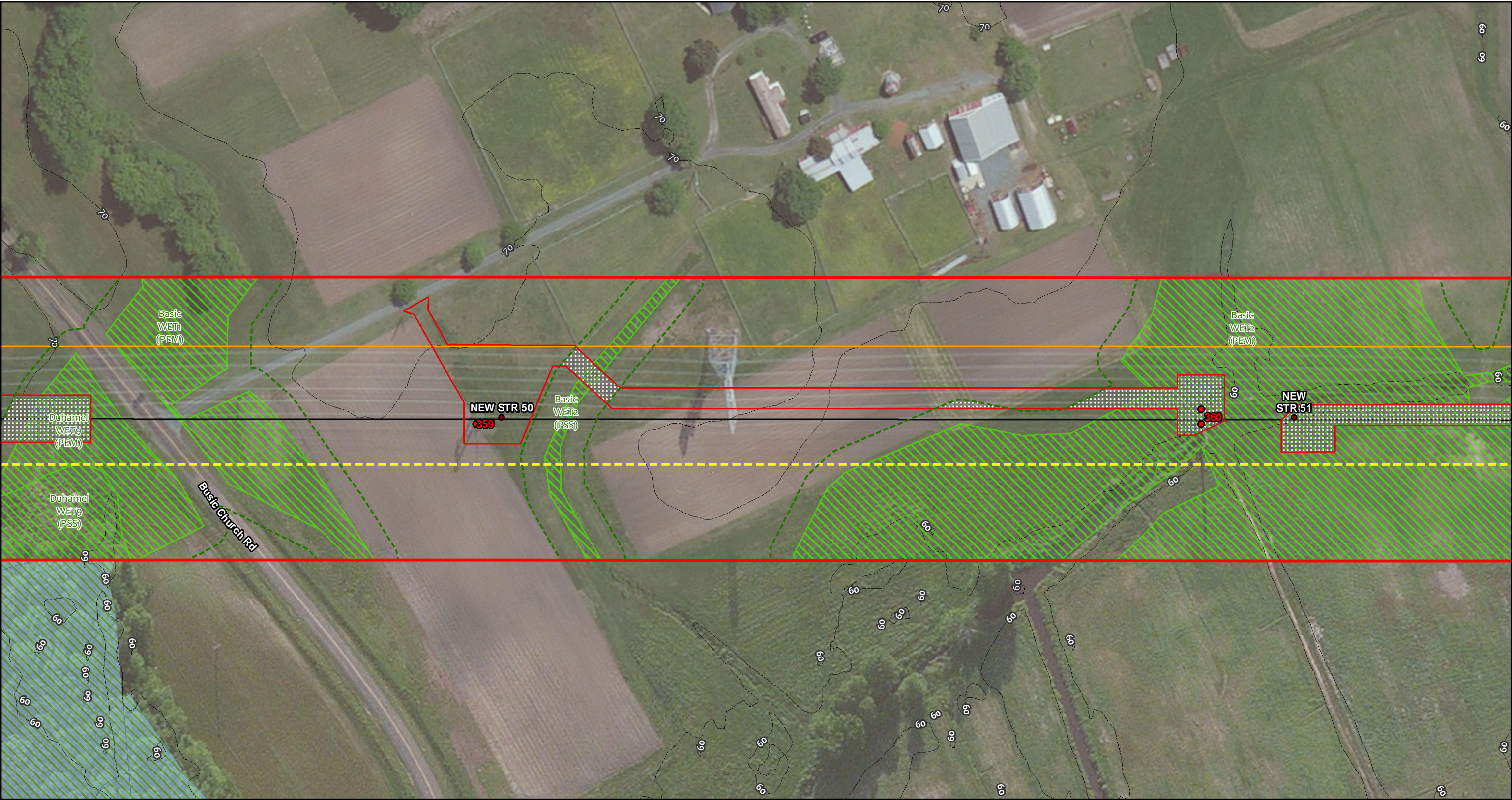


Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

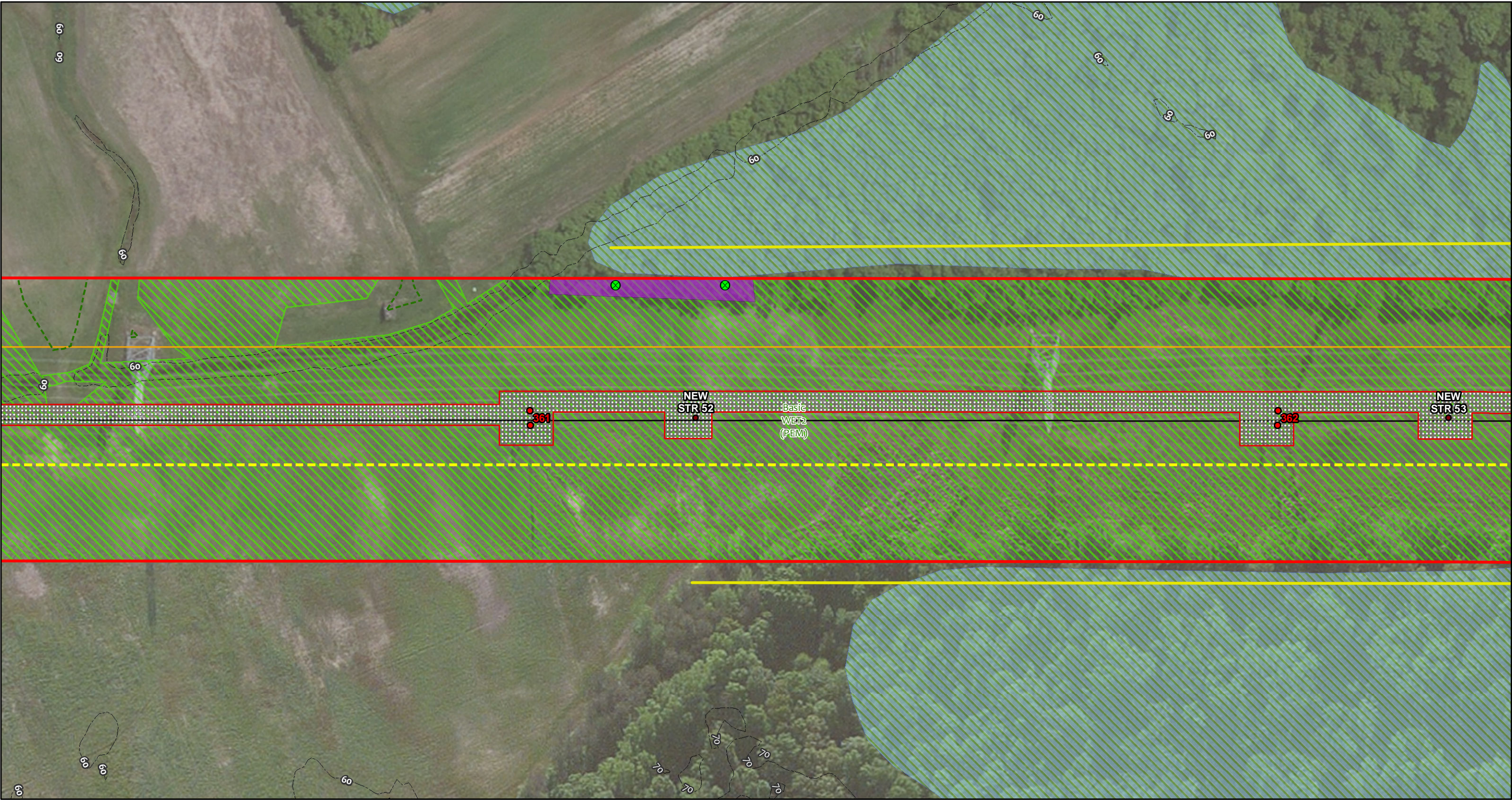
Project Plan



| | | | | | | |
|---|--|---|---|---|---|---|
| <ul style="list-style-type: none">100 ● New Structure100 ● Existing StructurePHI Right of WayProposed 138kV LineExisting 230kV LineMajor ContourEngineered Edge of Right of Way | <ul style="list-style-type: none">Limit of DisturbanceMatting | <ul style="list-style-type: none">100 Year FloodplainDelineated WetlandsDelineated Waters of the USMaryland DNR WetlandsWetland Buffer* | <ul style="list-style-type: none">Tree RemovalWall TrimLinear TrimSelected Tree Clearing | <p>Data Sources</p> <p>Floodplain: FEMA NFHL, 2015 MD DNR Wetlands: MD DNR, 1993 Aerial Imagery: ESRI Worldwide Imagery Layer, 2015</p> <p>*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.</p> | <p>1 inch = 100 feet</p> <p>0 50 100 Feet</p> | <p>Pepco Holdings Inc</p> <p>Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)</p> <p>Project Plan</p> <p>Page 24 of 90 May 2015</p> |
|---|--|---|---|---|---|---|



| | | | | | | |
|--|--|--|---|---|--|--|
| <p>100 ● New Structure</p> <p>100 ● Existing Structure</p> <p>PHI Right of Way</p> <p>Proposed 138kV Line</p> <p>Existing 230kV Line</p> <p>Major Contour</p> <p>Engineered Edge of Right of Way</p> | <p>Limit of Disturbance</p> <p>Matting</p> | <p>100 Year Floodplain</p> <p>Delineated Wetlands</p> <p>Delineated Waters of the US</p> <p>Maryland DNR Wetlands</p> <p>Wetland Buffer*</p> | <p>Tree Removal</p> <p>Wall Trim</p> <p>Linear Trim</p> <p>Selected Tree Clearing</p> | <p>Data Sources</p> <p>Floodplain: FEMA NFHL, 2015</p> <p>MD DNR Wetlands: MD DNR, 1993</p> <p>Aerial Imagery: ESRI Worldwide Imagery Layer, 2015</p> <p>*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.</p> | <p>North Arrow</p> <p>1 inch = 100 feet</p> <p>0 50 100 Feet</p> | <p>Pepco Holdings Inc</p> <p>Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)</p> <p>Project Plan</p> <p>Page 25 of 90</p> <p>May 2015</p> |
|--|--|--|---|---|--|--|



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

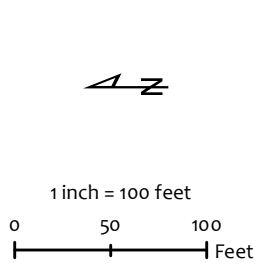
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015



Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan

Page 26 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources

Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015



1 inch = 100 feet
0 50 100 Feet

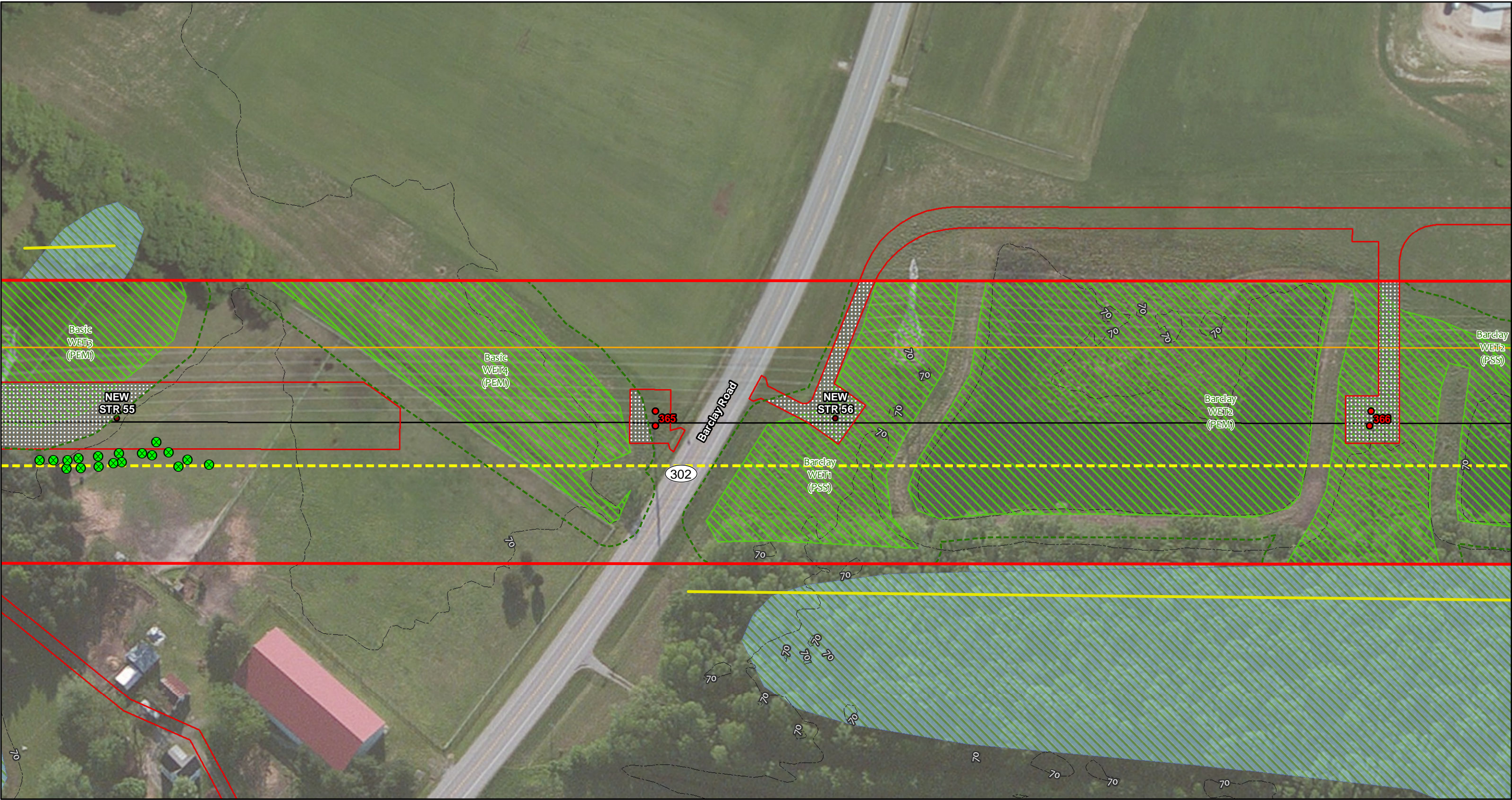


Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan

Page 27 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

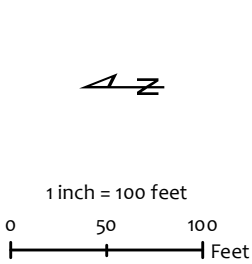
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

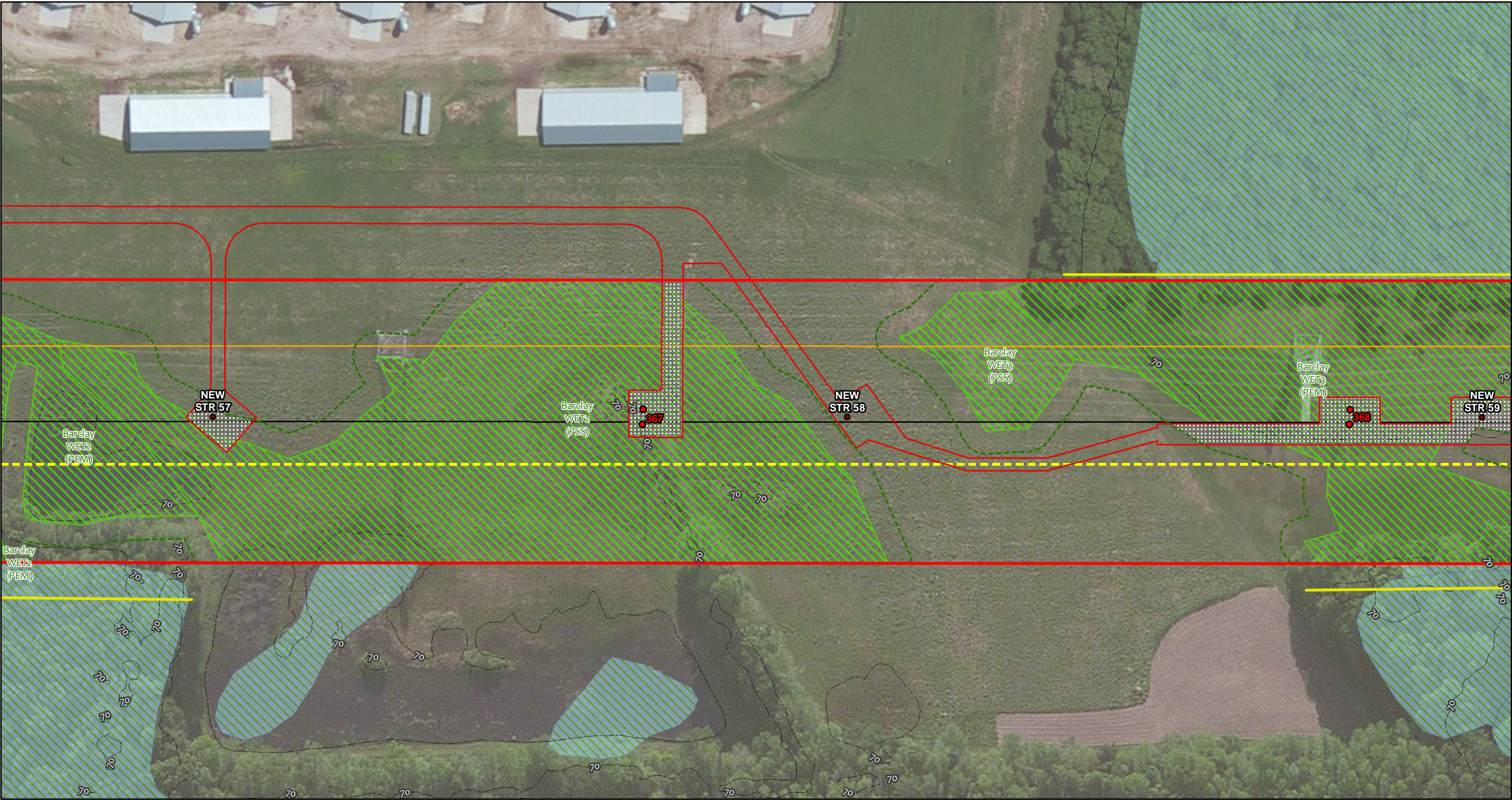


Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

Project Plan

Page 28 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources

Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015



1 inch = 100 feet
0 50 100 Feet

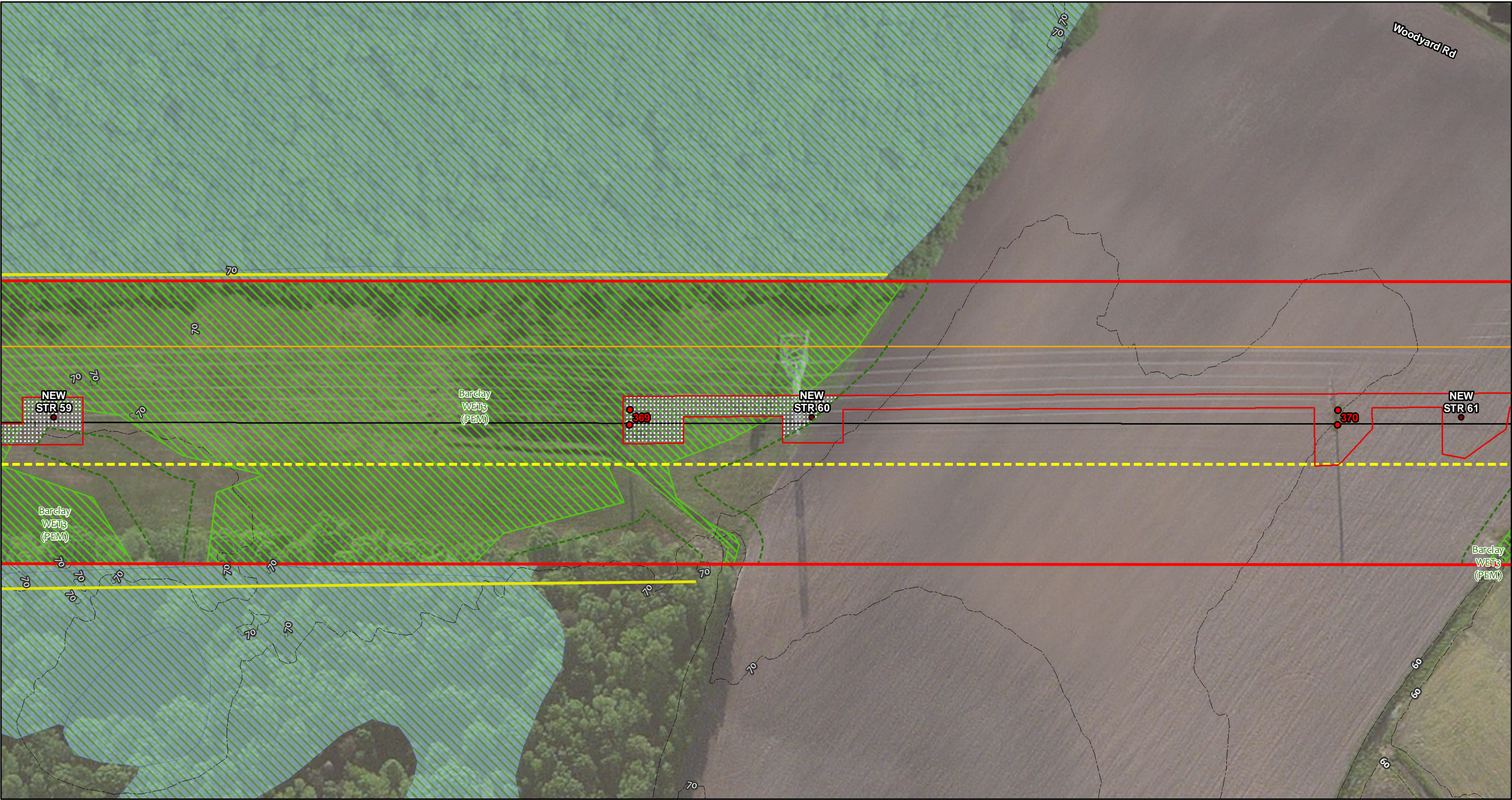


Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan

Page 29 of 90

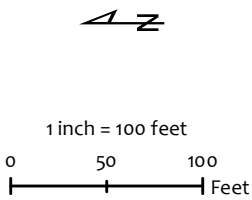
May 2015

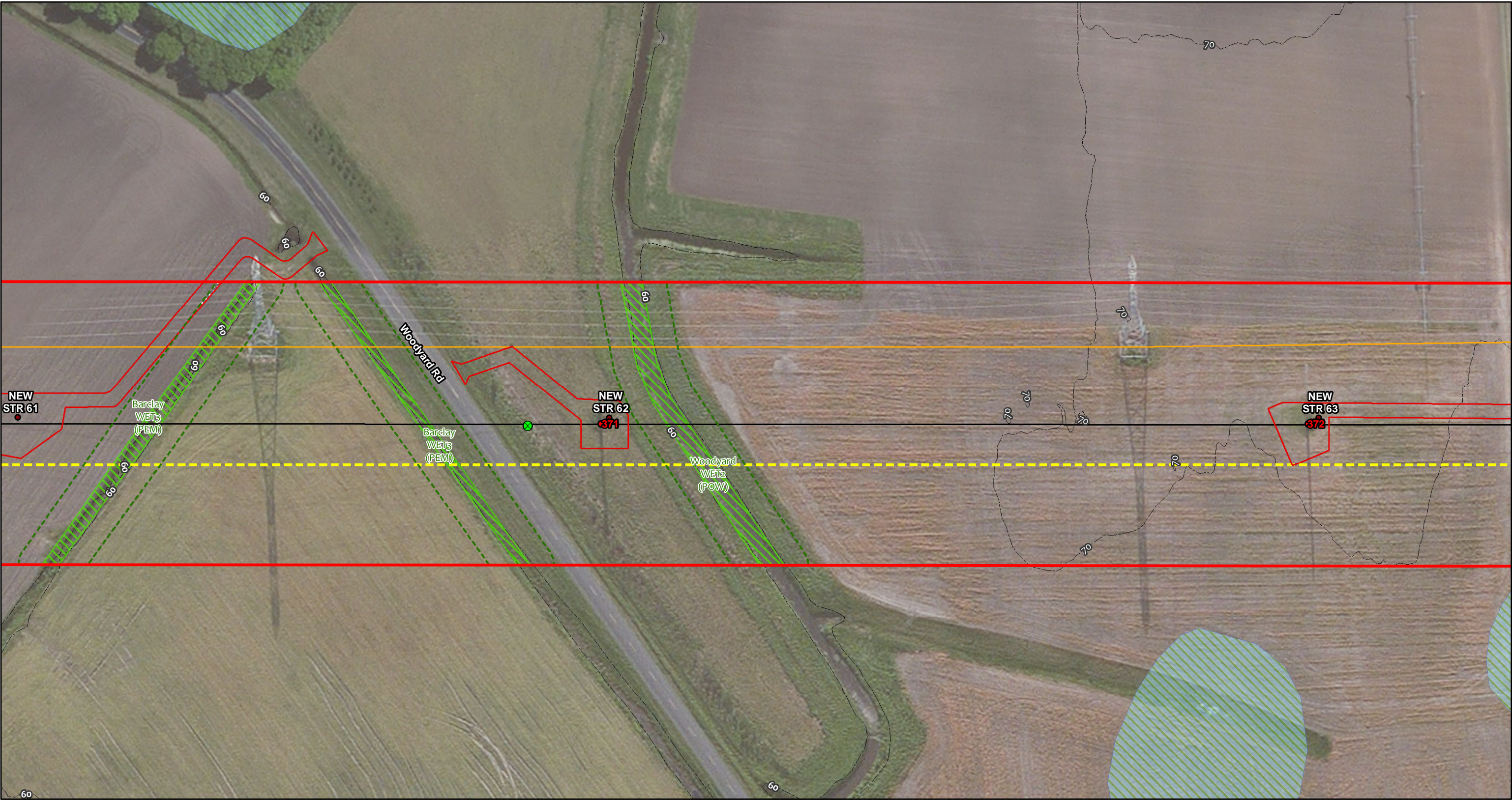


- | | | | |
|---------------------------------|----------------------|-----------------------------|------------------------|
| 100 ● New Structure | Limit of Disturbance | 100 Year Floodplain | Tree Removal |
| 100 ● Existing Structure | Matting | Delineated Wetlands | Wall Trim |
| PHI Right of Way | | Delineated Waters of the US | Linear Trim |
| Proposed 138kV Line | | Maryland DNR Wetlands | Selected Tree Clearing |
| Existing 230kV Line | | Wetland Buffer* | |
| Major Contour | | | |
| Engineered Edge of Right of Way | | | |

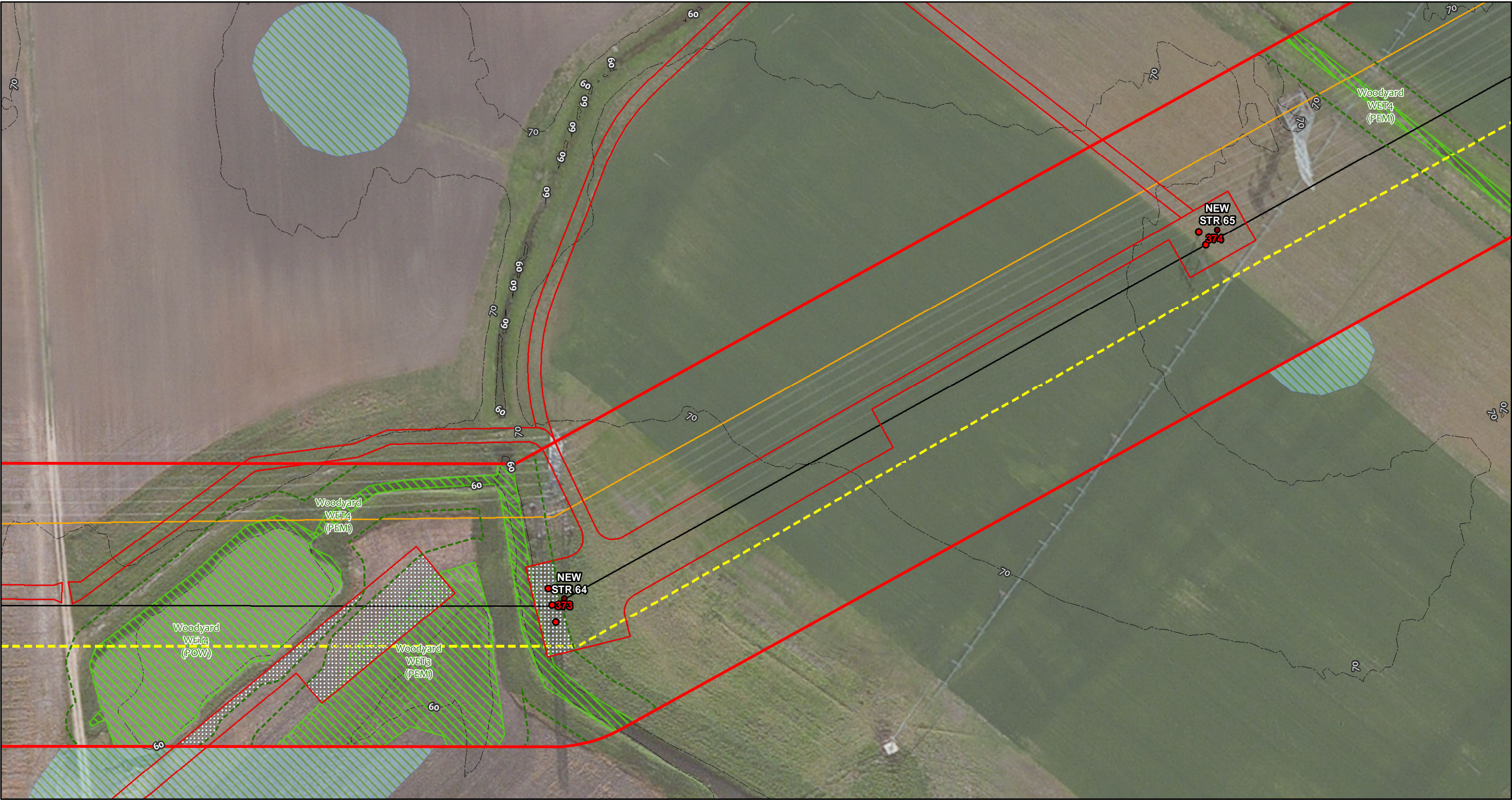
*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

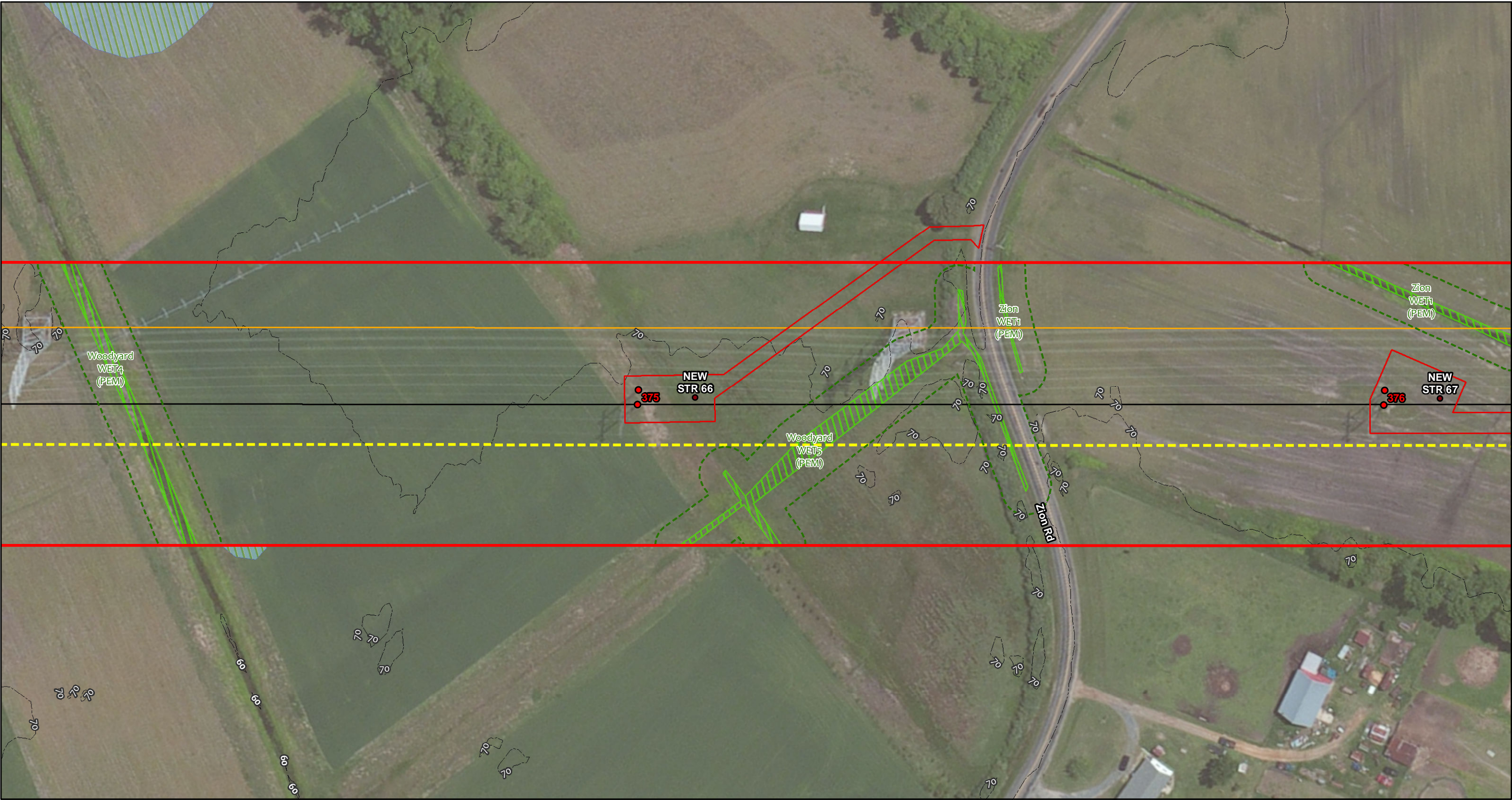




| | | | | | | |
|--|--|--|---|---|--|--|
| <p>100 ● New Structure</p> <p>100 ● Existing Structure</p> <p>PHI Right of Way</p> <p>Proposed 138kV Line</p> <p>Existing 230kV Line</p> <p>Major Contour</p> <p>Engineered Edge of Right of Way</p> | <p>Limit of Disturbance</p> <p>Matting</p> | <p>100 Year Floodplain</p> <p>Delineated Wetlands</p> <p>Delineated Waters of the US</p> <p>Maryland DNR Wetlands</p> <p>Wetland Buffer*</p> | <p>Tree Removal</p> <p>Wall Trim</p> <p>Linear Trim</p> <p>Selected Tree Clearing</p> | <p>Data Sources</p> <p>Floodplain: FEMA NFHL, 2015</p> <p>MD DNR Wetlands: MD DNR, 1993</p> <p>Aerial Imagery: ESRI Worldwide Imagery Layer, 2015</p> <p>*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.</p> | <p>North Arrow</p> <p>1 inch = 100 feet</p> <p>0 50 100 Feet</p> | <p>Pepco Holdings Inc</p> <p>Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)</p> <p>Project Plan</p> <p>Page 31 of 90</p> <p>May 2015</p> |
|--|--|--|---|---|--|--|



| | | | | | | |
|---|--|---|---|--|---|---|
| <div><div>100 ● New Structure</div><div>100 ● Existing Structure</div><div>PHI Right of Way</div><div>Proposed 138kV Line</div><div>Existing 230kV Line</div><div>Major Contour</div><div>Engineered Edge of Right of Way</div></div> | <div><div>Limit of Disturbance</div><div>Matting</div></div> | <div><div>100 Year Floodplain</div><div>Delineated Wetlands</div><div>Delineated Waters of the US</div><div>Maryland DNR Wetlands</div><div>Wetland Buffer*</div></div> | <div><div>Tree Removal</div><div>Wall Trim</div><div>Linear Trim</div><div>Selected Tree Clearing</div></div> | <div><div>Data Sources</div><div>Floodplain: FEMA NFHL, 2015</div><div>MD DNR Wetlands: MD DNR, 1993</div><div>Aerial Imagery: ESRI Worldwide Imagery Layer, 2015</div><div>*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.</div></div> | <div><div>North Arrow</div><div>1 inch = 100 feet</div><div>0 50 100 Feet</div></div> | <div><div>Pepco Holdings Inc</div><div>Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)</div><div>Project Plan</div><div>Page 32 of 90</div><div>May 2015</div></div> |
|---|--|---|---|--|---|---|



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

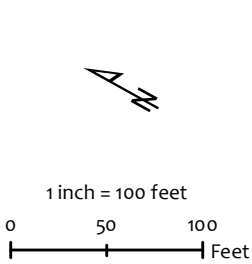
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

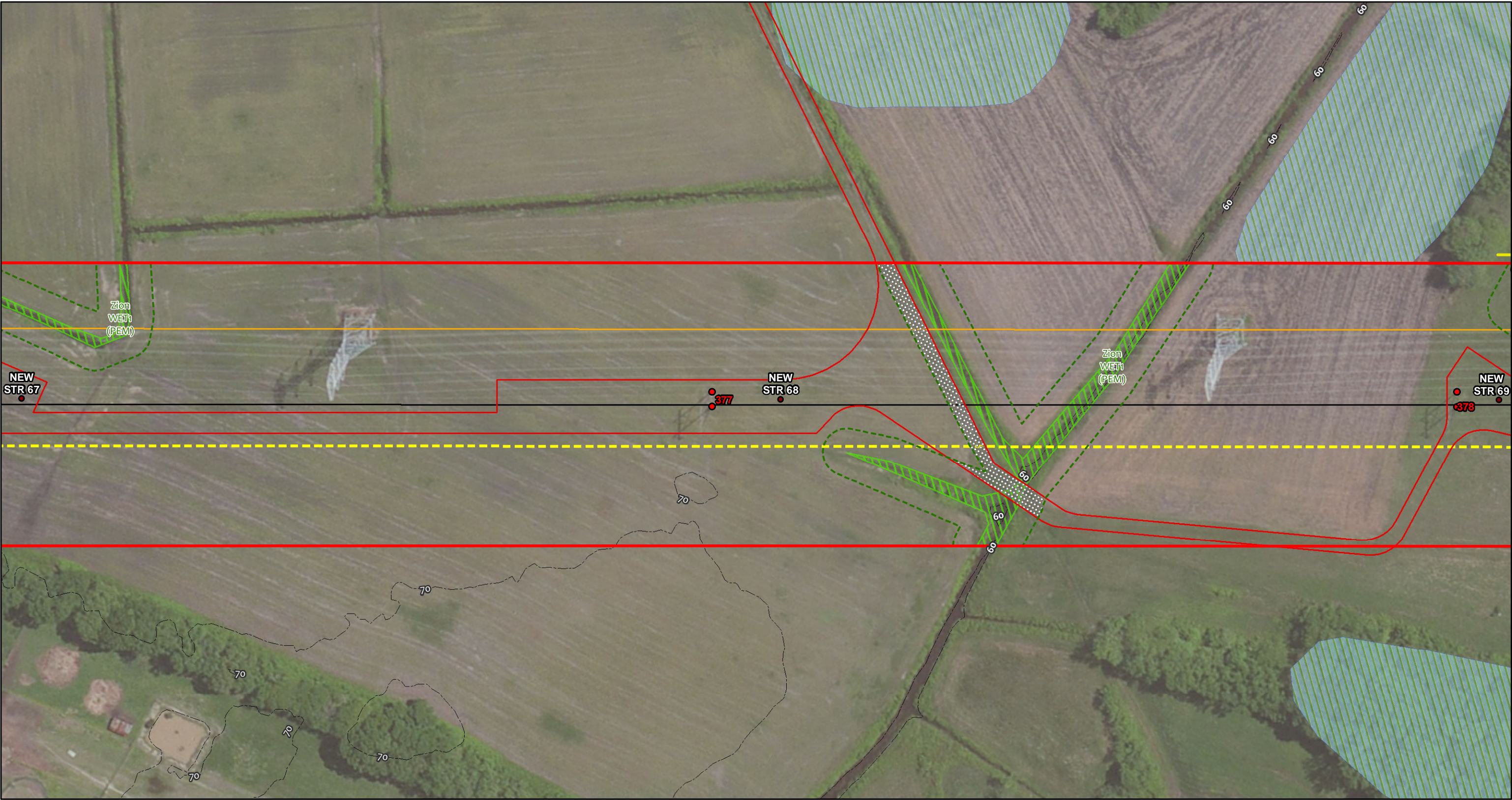


Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

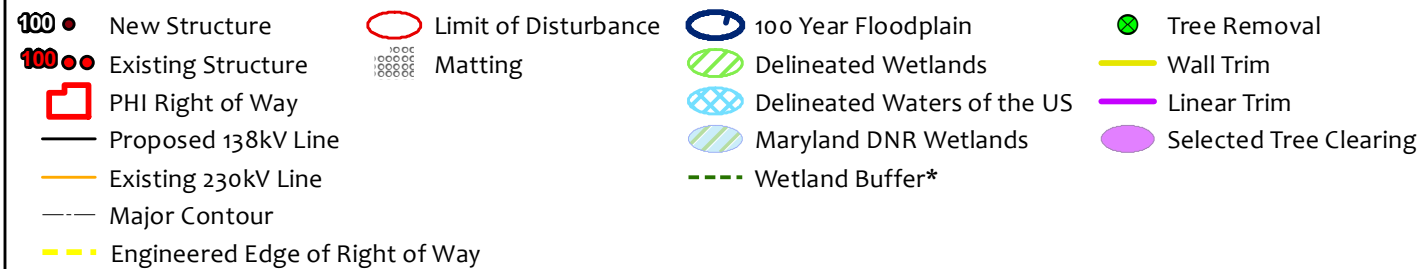
Project Plan

Page 33 of 90

May 2015

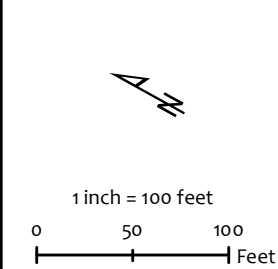


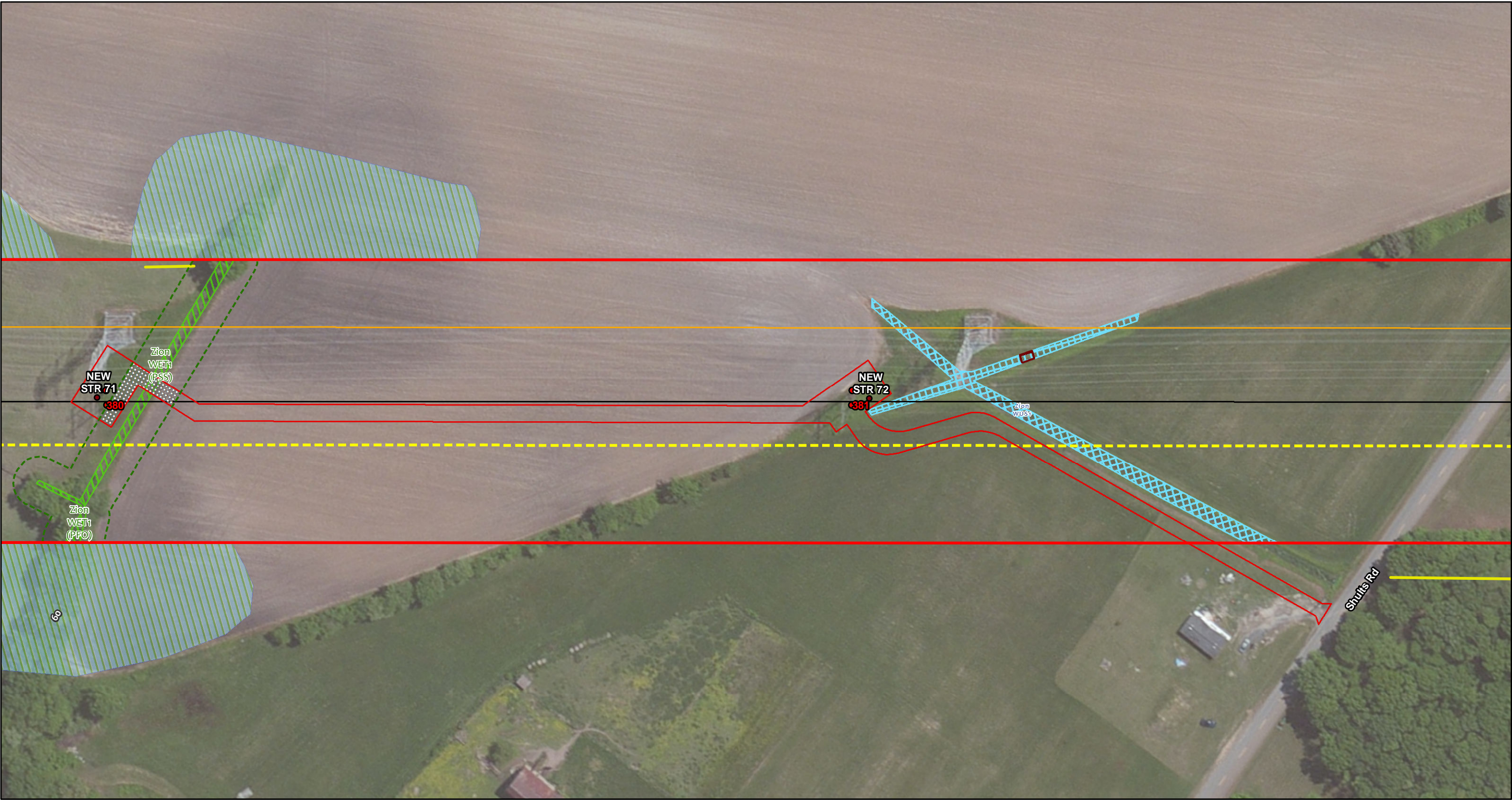
| | | | | | | | |
|--|--|--|---|---|---|--|---|
| <p>100 ● New Structure</p> <p>100 ● Existing Structure</p> <p>PHI Right of Way</p> <p>Proposed 138kV Line</p> <p>Existing 230kV Line</p> <p>Major Contour</p> <p>Engineered Edge of Right of Way</p> | <p>Limit of Disturbance</p> <p>Matting</p> | <p>100 Year Floodplain</p> <p>Delineated Wetlands</p> <p>Delineated Waters of the US</p> <p>Maryland DNR Wetlands</p> <p>Wetland Buffer*</p> | <p>Tree Removal</p> <p>Wall Trim</p> <p>Linear Trim</p> <p>Selected Tree Clearing</p> | <p>*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland buffer.</p> | <p>Data Sources</p> <p>Floodplain: FEMA NFHL, 2015</p> <p>MD DNR Wetlands: MD DNR, 1993</p> <p>Aerial Imagery: ESRI Worldwide Imagery Layer, 2015</p> | <p>North Arrow</p> <p>1 inch = 100 feet</p> <p>0 50 100 Feet</p> | <p></p> <p>Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)</p> <p>Project Plan</p> <p>Page 34 of 90</p> <p>May 2015</p> |
|--|--|--|---|---|---|--|---|



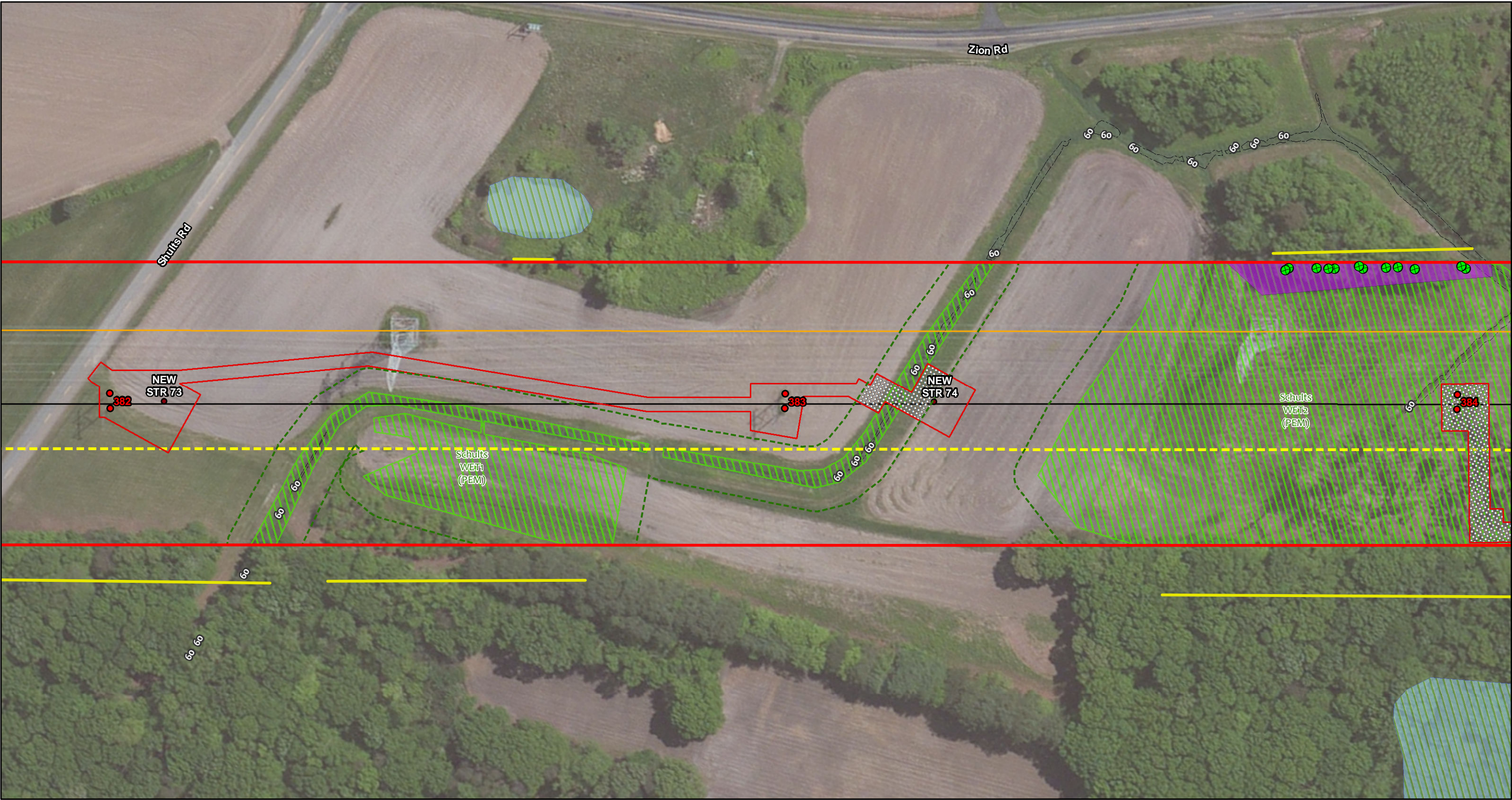
Data Sources

Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015





| | | | | | | | |
|--|--|--|---|---|---|--|---|
| <p>100 ● New Structure</p> <p>100 ● Existing Structure</p> <p>PHI Right of Way</p> <p>Proposed 138kV Line</p> <p>Existing 230kV Line</p> <p>Major Contour</p> <p>Engineered Edge of Right of Way</p> | <p>Limit of Disturbance</p> <p>Matting</p> <p>Temporary Bridge Crossings</p> | <p>100 Year Floodplain</p> <p>Delineated Wetlands</p> <p>Delineated Waters of the US</p> <p>Maryland DNR Wetlands</p> <p>Wetland Buffer*</p> | <p>Tree Removal</p> <p>Wall Trim</p> <p>Linear Trim</p> <p>Selected Tree Clearing</p> | <p>*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.</p> | <p>Data Sources</p> <p>Floodplain: FEMA NFHL, 2015</p> <p>MD DNR Wetlands: MD DNR, 1993</p> <p>Aerial Imagery: ESRI Worldwide Imagery Layer, 2015</p> | <p>North Arrow</p> <p>1 inch = 100 feet</p> <p>0 50 100 Feet</p> | <p></p> <p>Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)</p> <p>Project Plan</p> <p>Page 36 of 90</p> <p>May 2015</p> |
|--|--|--|---|---|---|--|---|



- 100 ● New Structure
- 100 ● ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

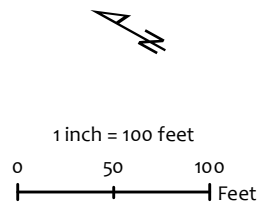
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

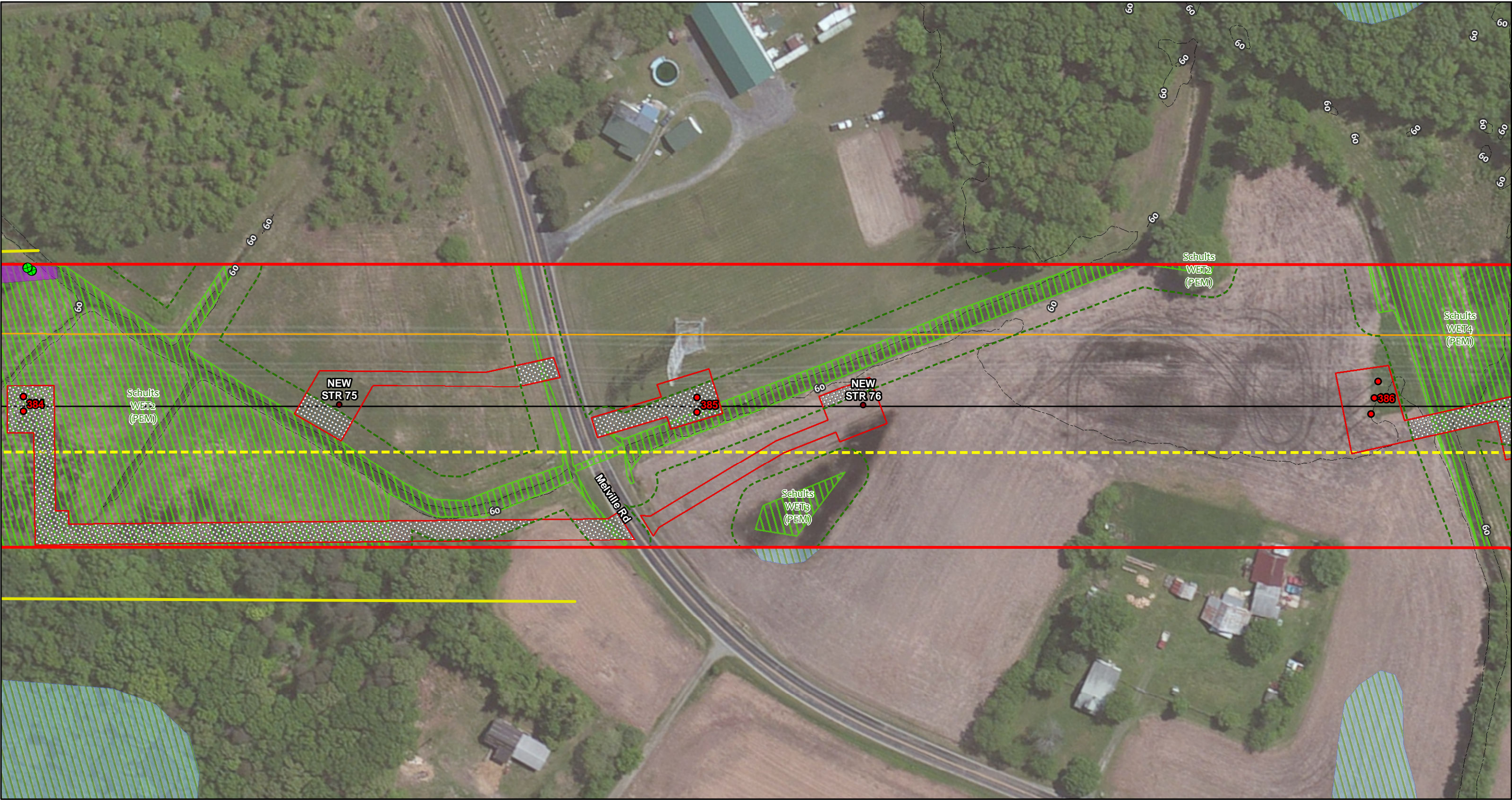


Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

Project Plan

Page 37 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

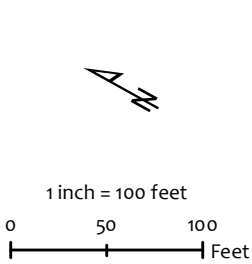
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

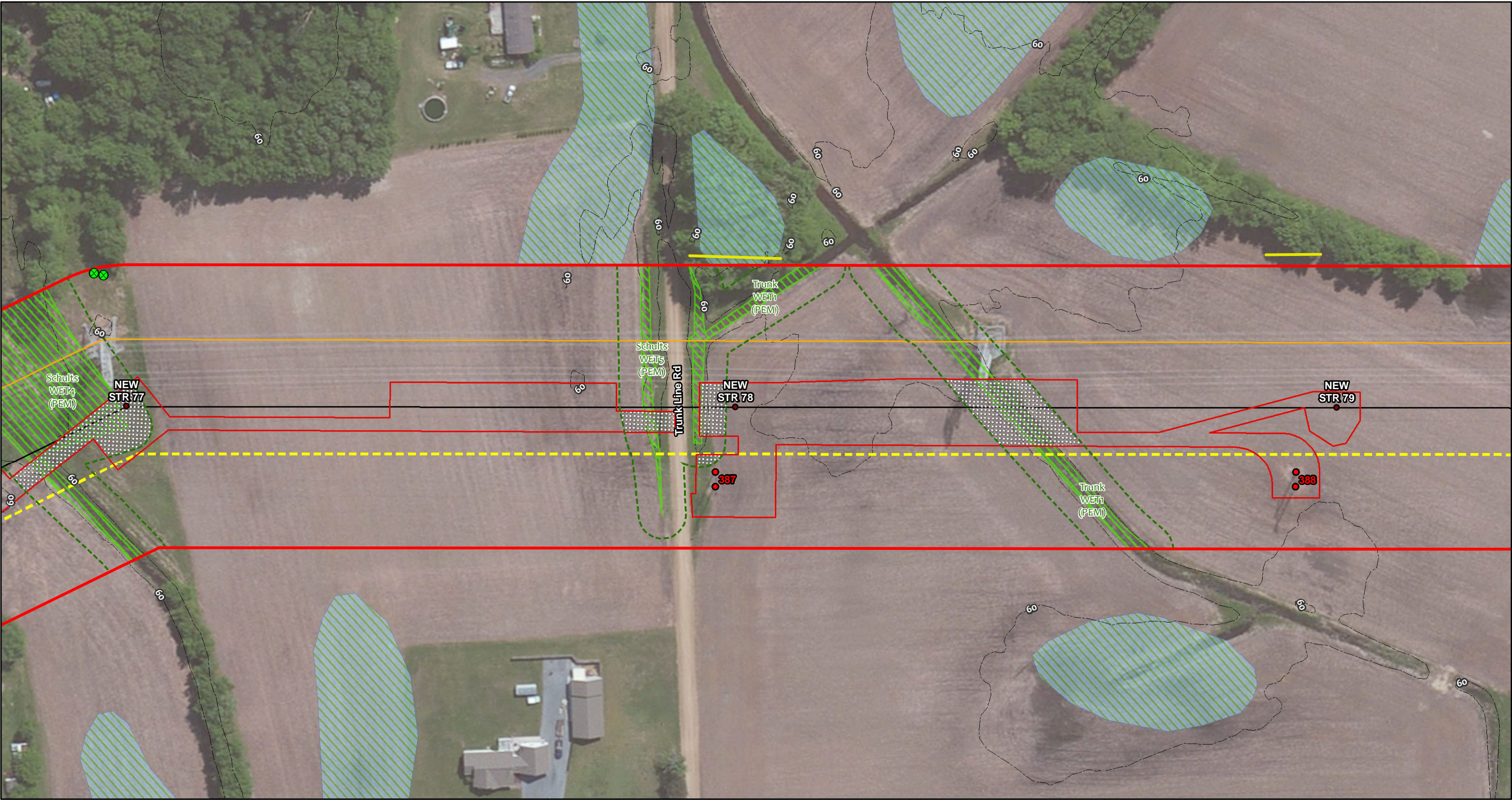


Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan

Page 38 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

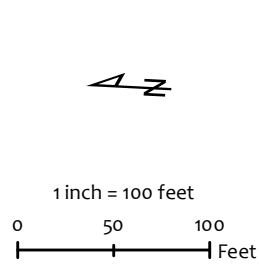
- Limit of Disturbance
- Matting

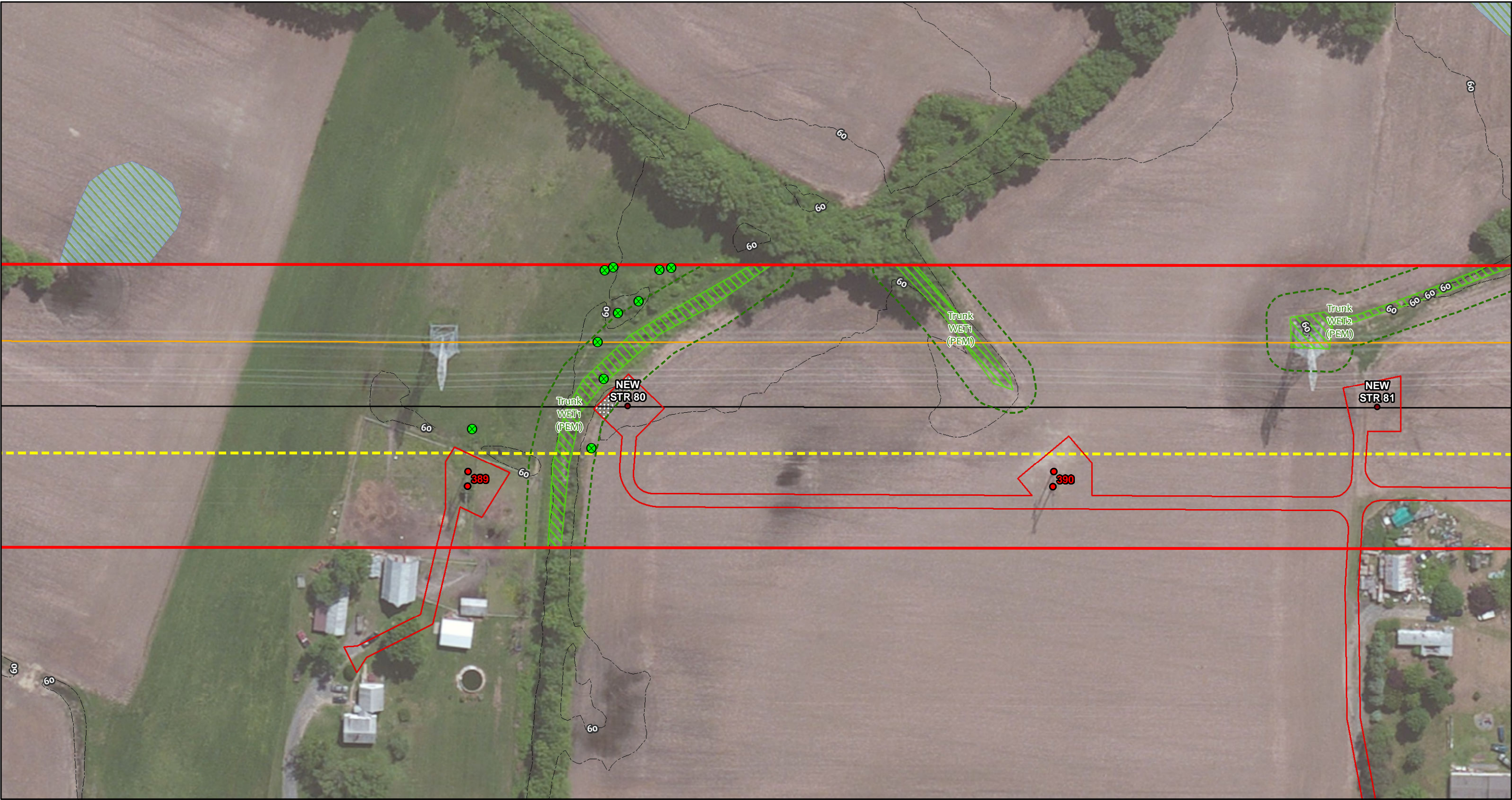
- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015





- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

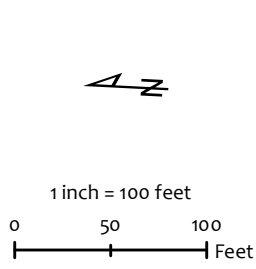
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

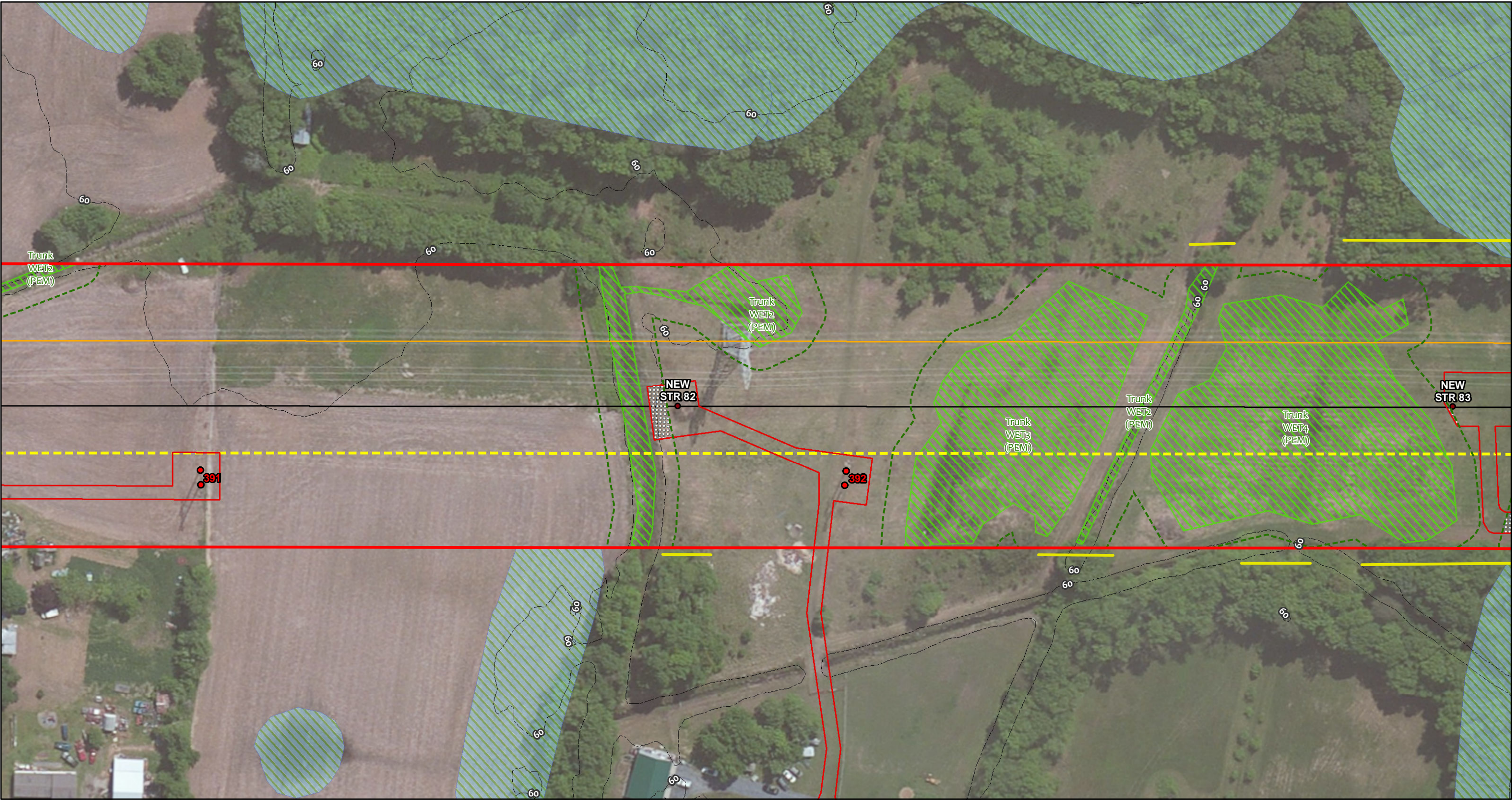


Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

Project Plan

Page 40 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

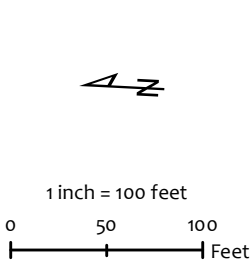
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

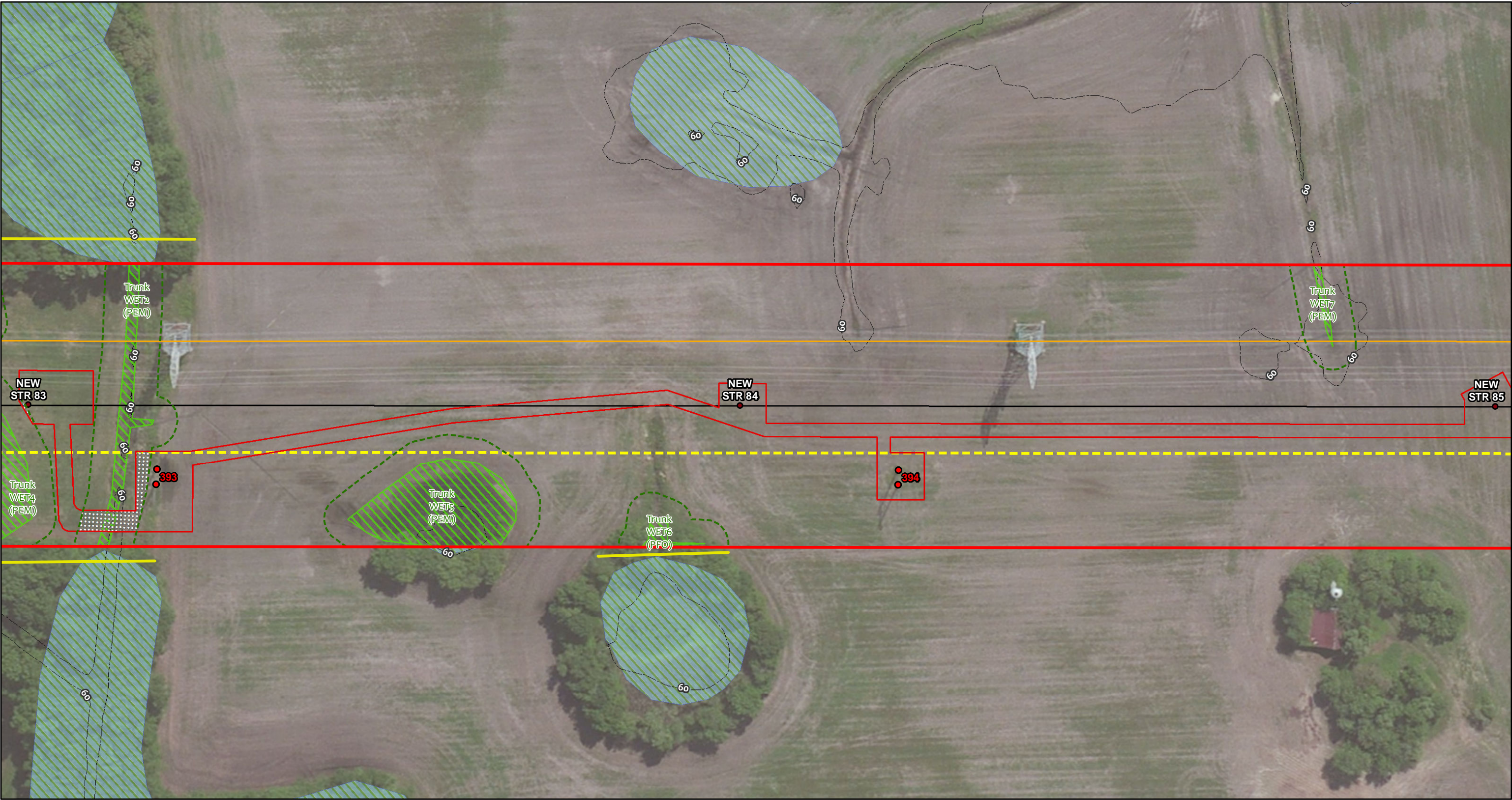


Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

Project Plan

Page 41 of 90

May 2015



- 100 ● New Structure
- 100 ● ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

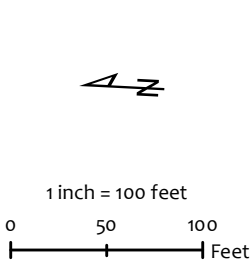
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

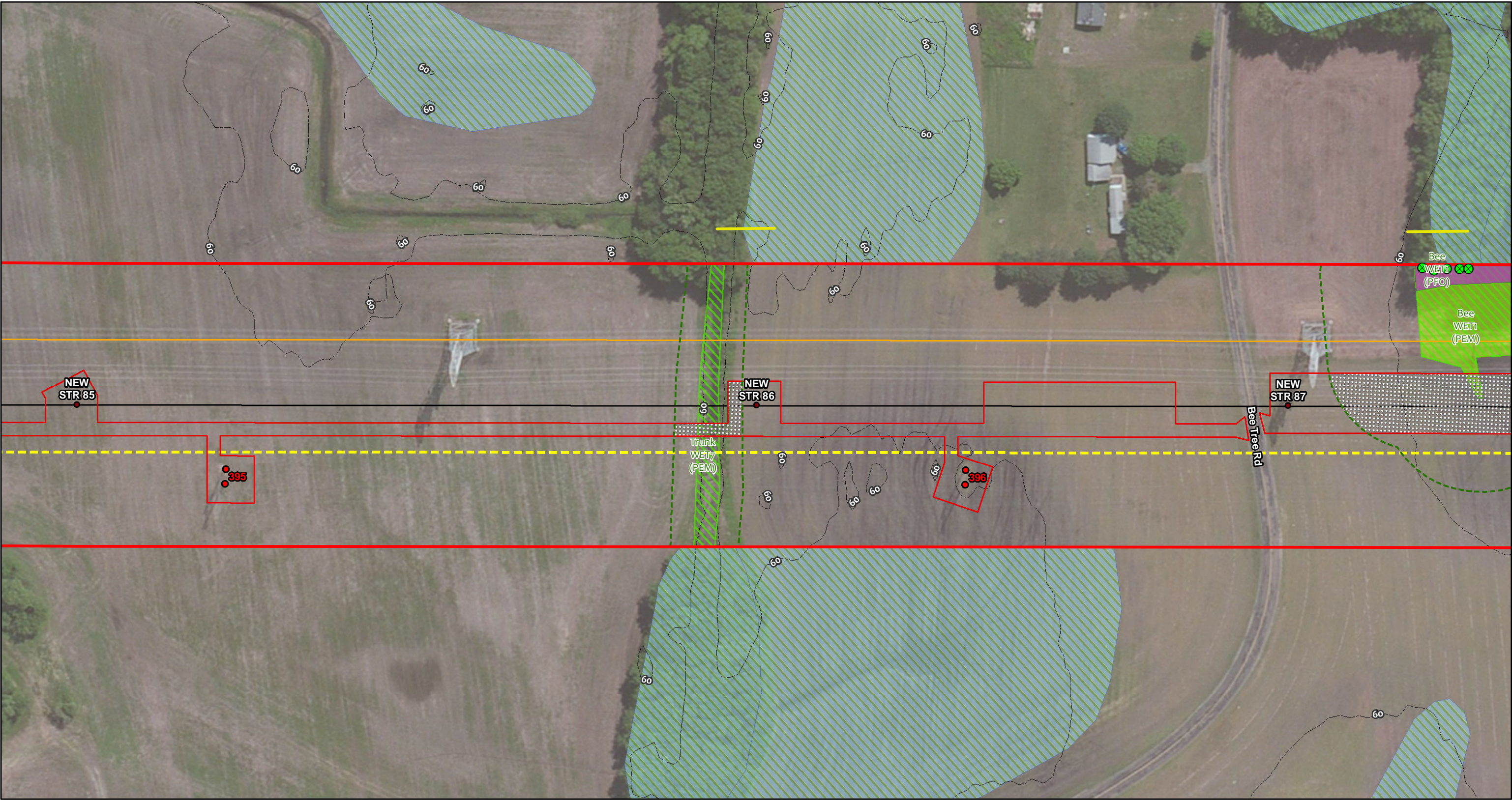


Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

Project Plan

Page 42 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Wetlands of Special State Concern**
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland buffer.

Data Sources

Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015
****Wetlands of Special State Concern:** Delineated Wetlands that overlap the DNR WSSC Layer (MD DNR, 1998)

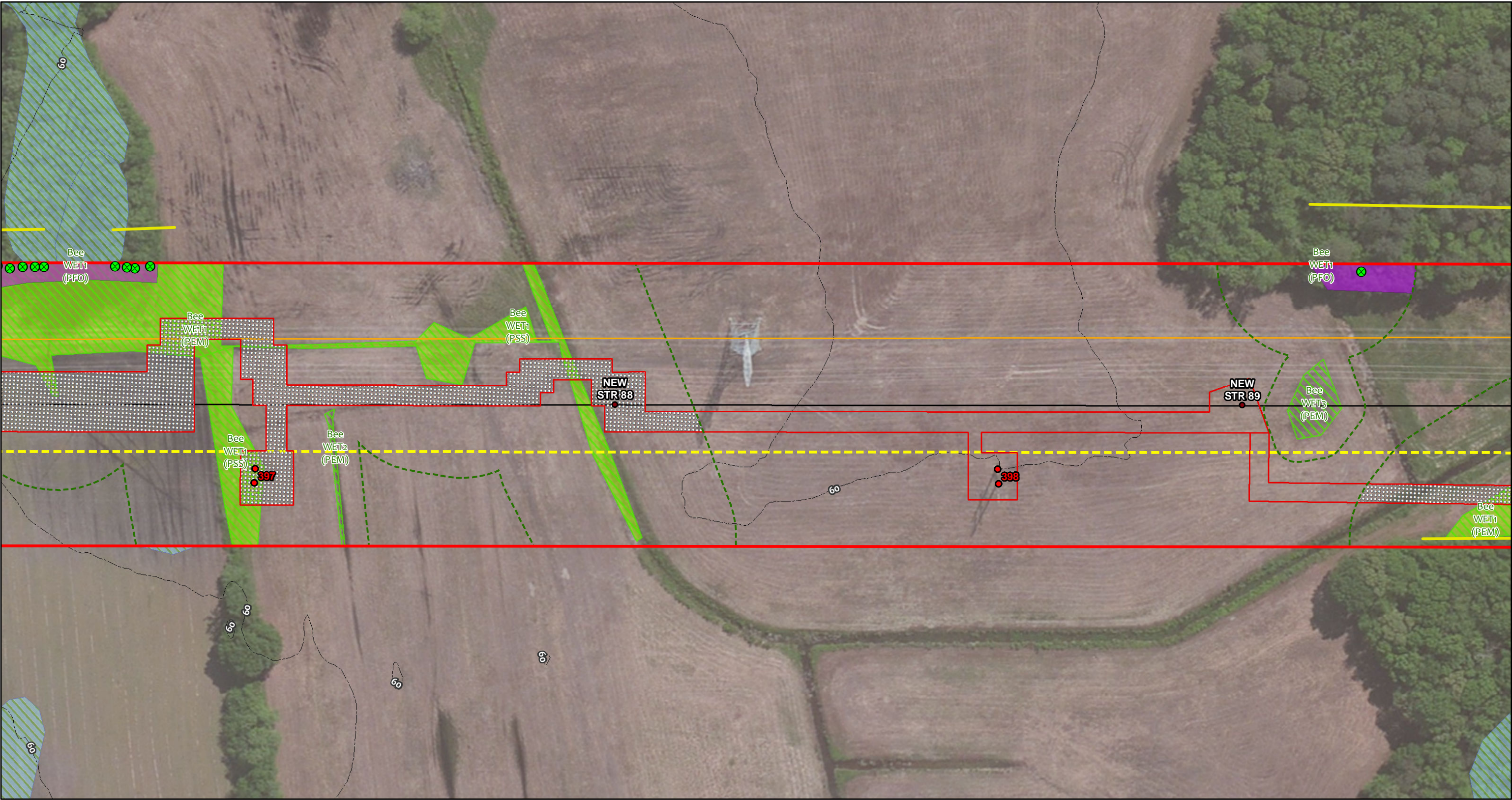


1 inch = 100 feet
0 50 100 Feet



Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Wetlands of Special State Concern**
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources

Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015
****Wetlands of Special State Concern:** Delineated Wetlands that overlap the DNR WSSC Layer (MD DNR, 1998)



1 inch = 100 feet
0 50 100 Feet



Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

Project Plan

Page 44 of 90

May 2015



- 100 New Structure
- 100 Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

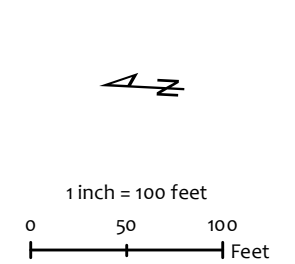
- Limit of Disturbance
- Matting

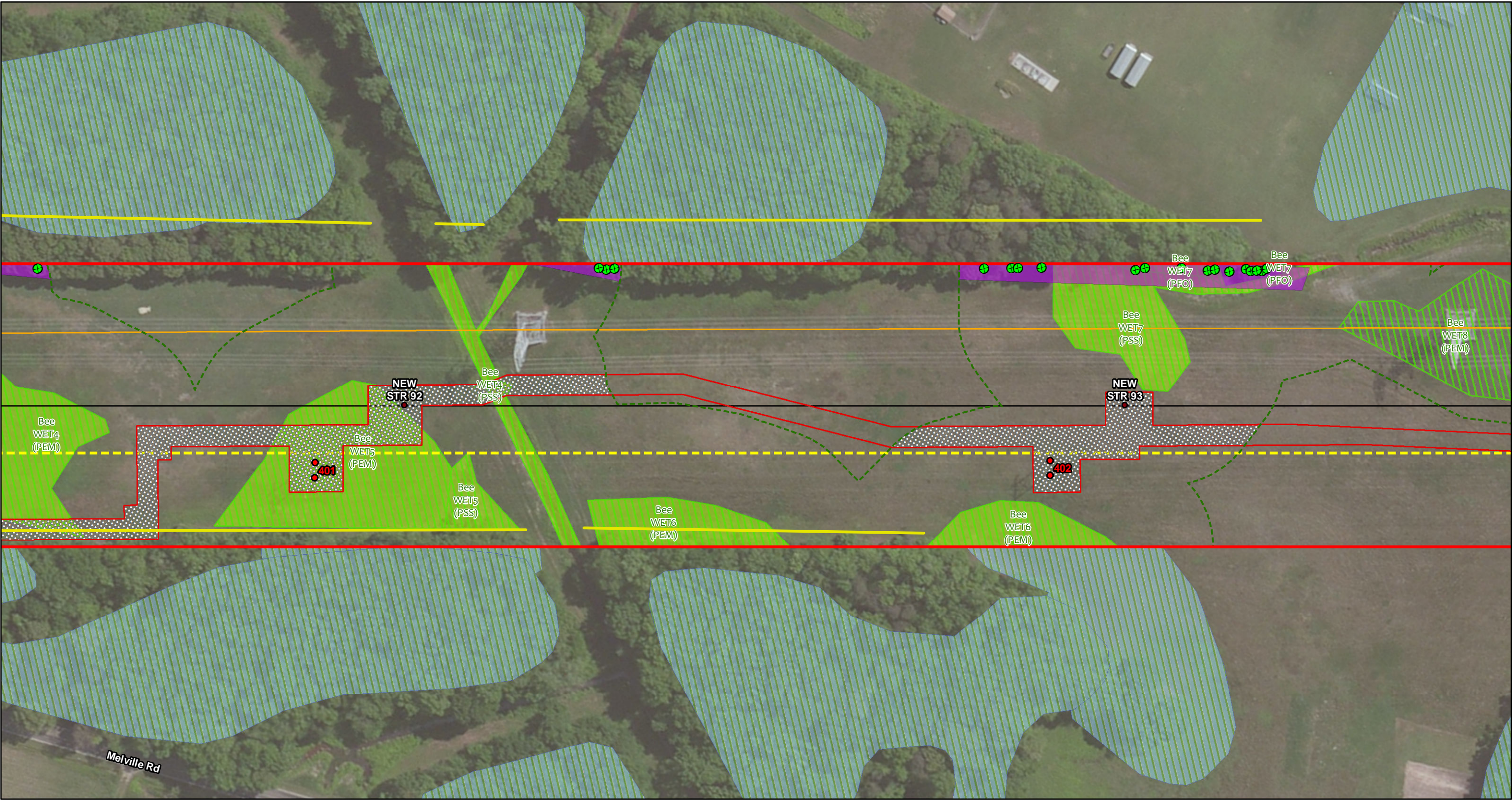
- 100 Year Floodplain
- Delineated Wetlands
- Wetlands of Special State Concern**
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015
****Wetlands of Special State Concern:** Delineated Wetlands that overlap the DNR WSSC Layer (MD DNR, 1998)





- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

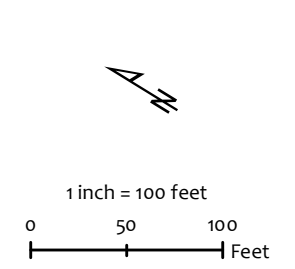
- Limit of Disturbance
- Matting

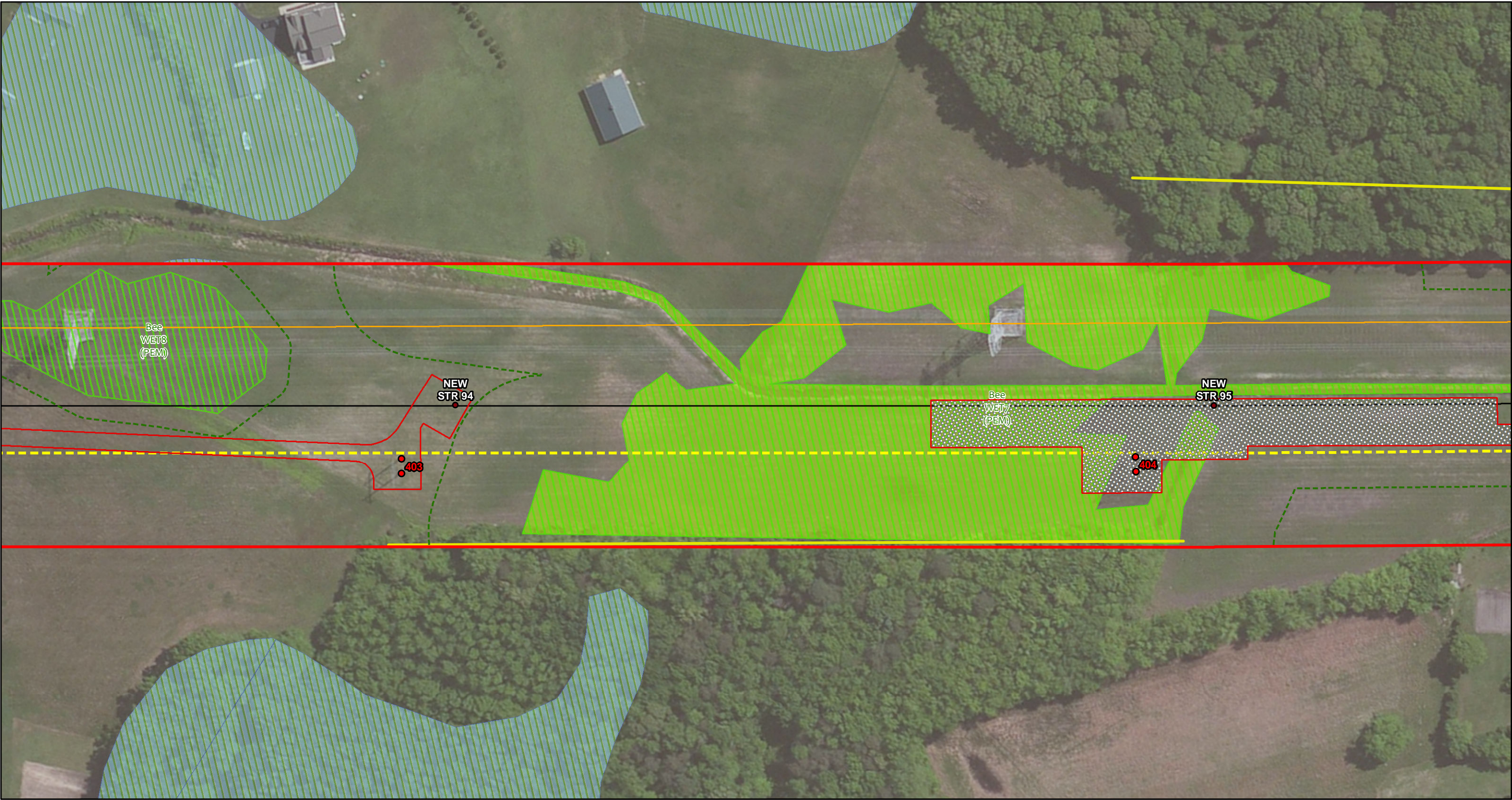
- 100 Year Floodplain
- Delineated Wetlands
- Wetlands of Special State Concern**
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015
****Wetlands of Special State Concern:** Delineated Wetlands that overlap the DNR WSSC Layer (MD DNR, 1998)





- 100 ● New Structure
- 100 ● ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

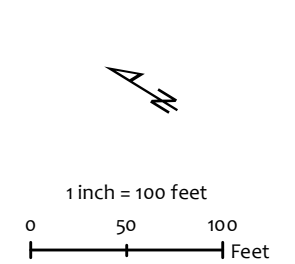
- Limit of Disturbance
- Matting

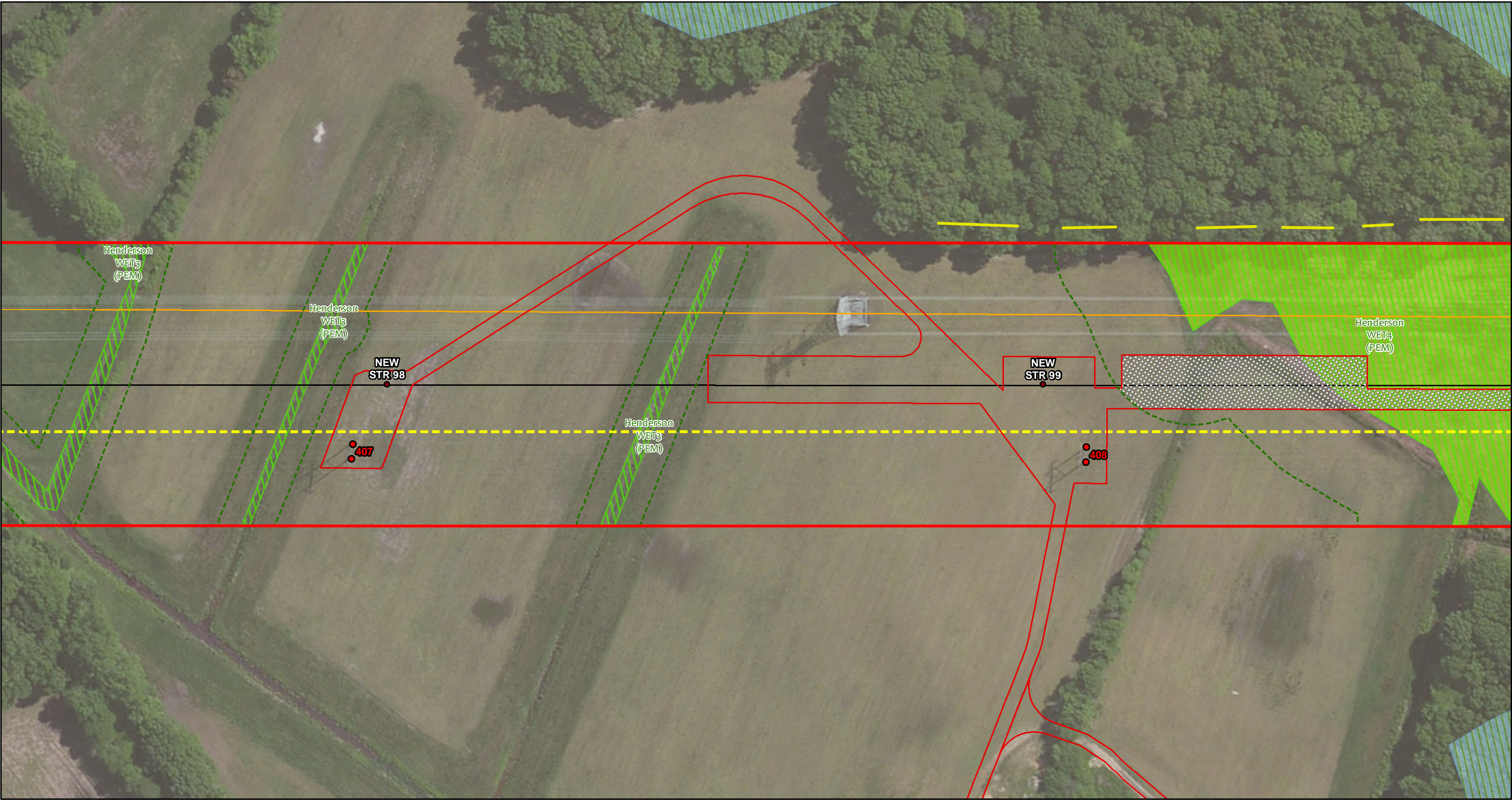
- 100 Year Floodplain
- Delineated Wetlands
- Wetlands of Special State Concern**
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015
****Wetlands of Special State Concern:** Delineated Wetlands that overlap the DNR WSSC Layer (MD DNR, 1998)





- 100 ● New Structure
- 100 ● ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

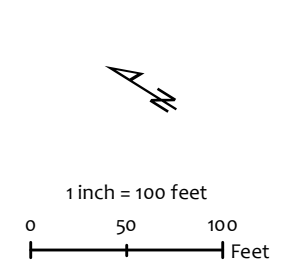
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Wetlands of Special State Concern**
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015
****Wetlands of Special State Concern:** Delineated Wetlands that overlap the DNR WSSC Layer (MD DNR, 1998)

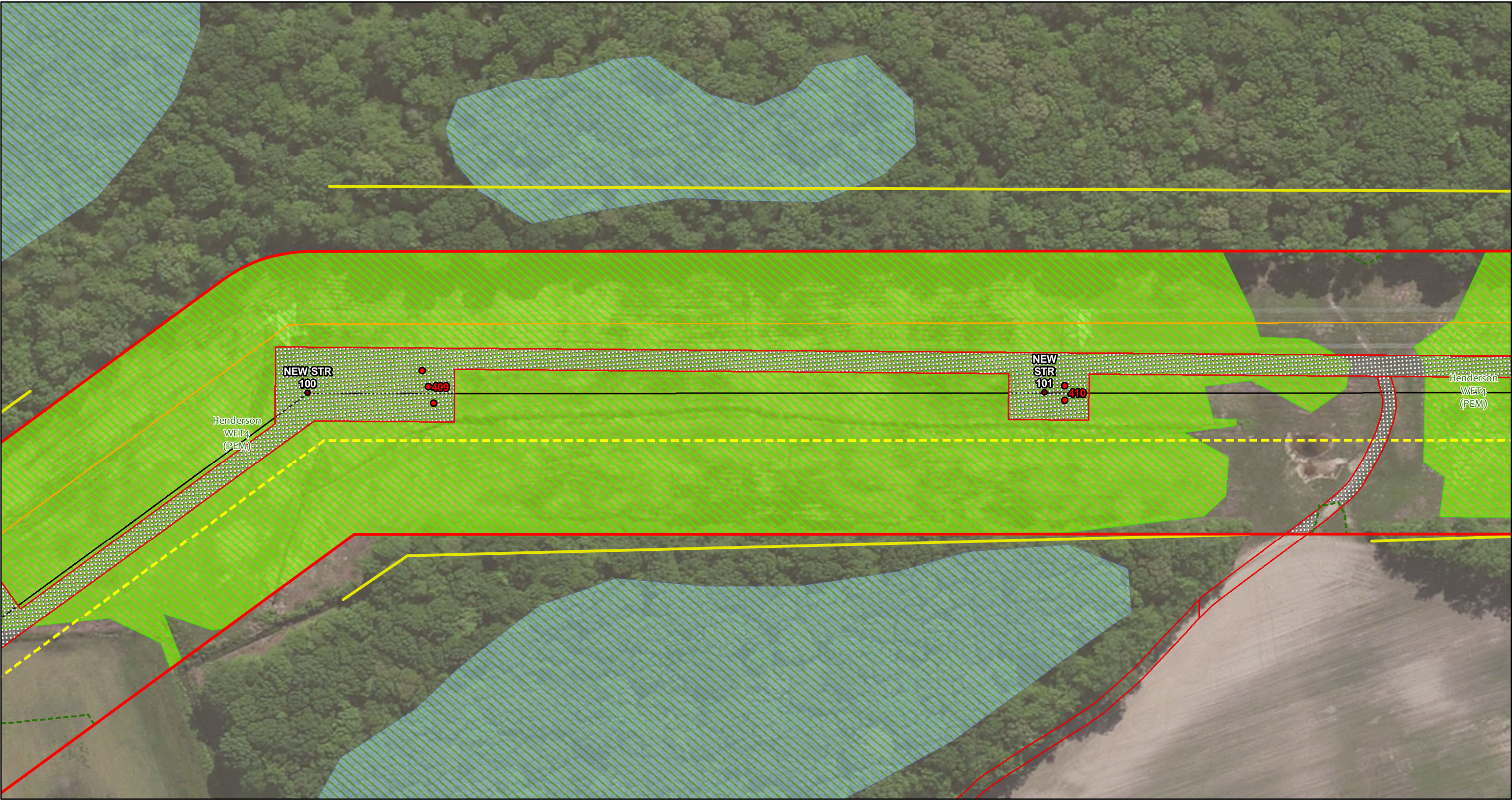


Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan

Page 49 of 90

May 2015



- 100 ● New Structure
- 100 ● ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

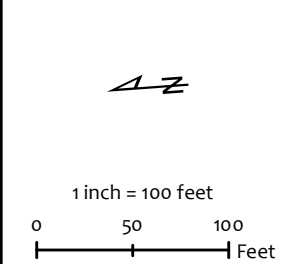
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Wetlands of Special State Concern**
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015
****Wetlands of Special State Concern:** Delineated Wetlands that overlap the DNR WSSC Layer (MD DNR, 1998)





- 100 ● New Structure
- 100 ● ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

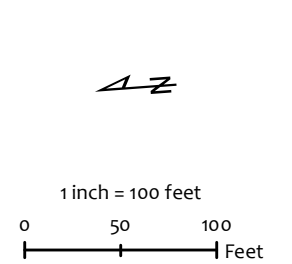
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Wetlands of Special State Concern**
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015
****Wetlands of Special State Concern:** Delineated Wetlands that overlap the DNR WSSC Layer (MD DNR, 1998)





- 100 ● New Structure
- 100 ● ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

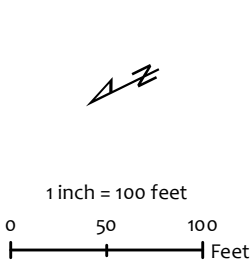
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

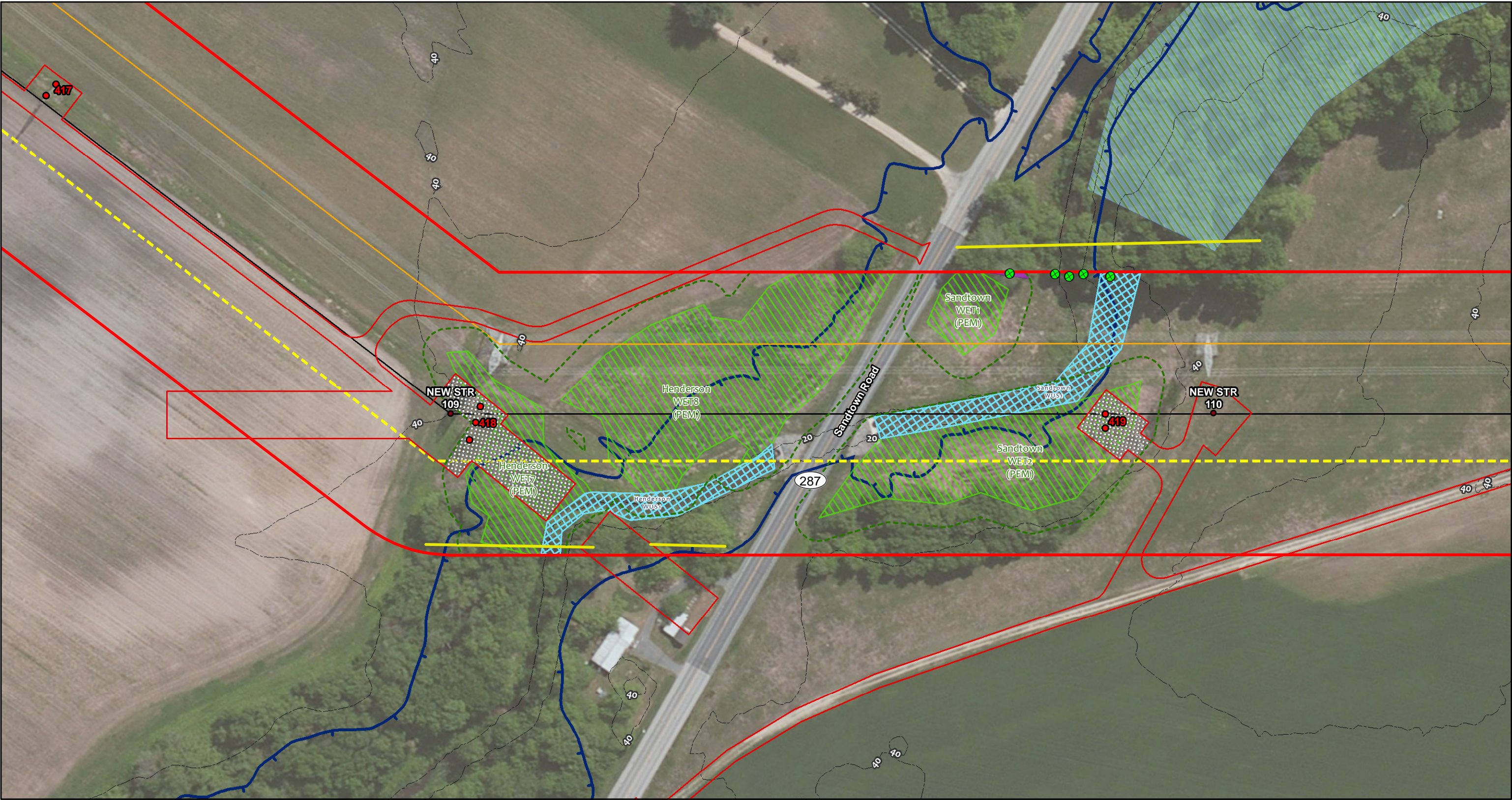


Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan

Page 53 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

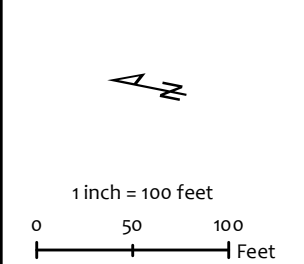
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

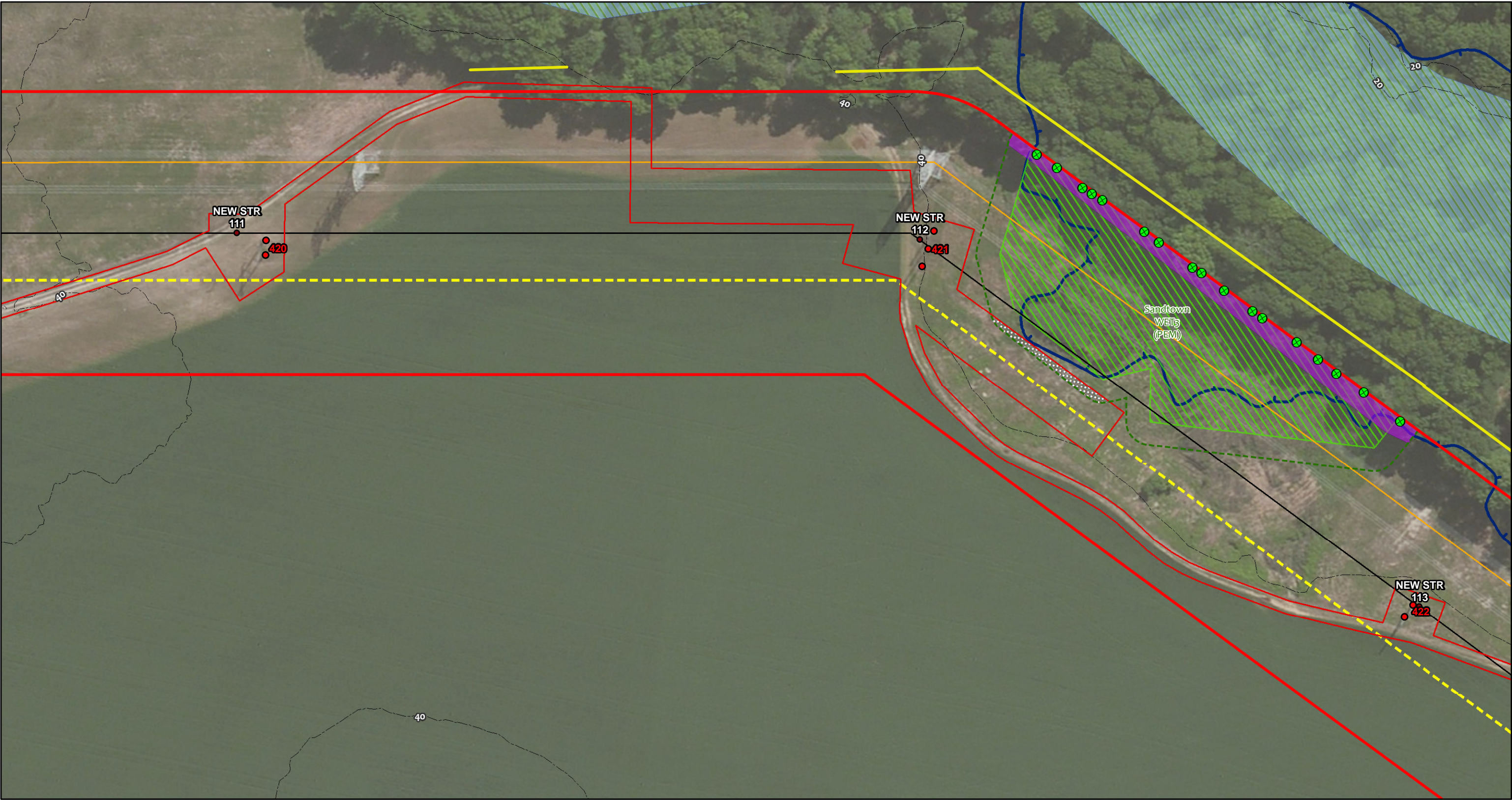


Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan

Page 54 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

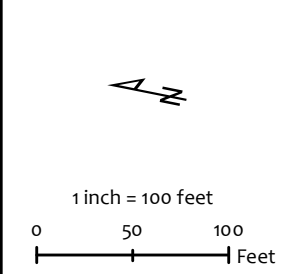
- Limit of Disturbance
- Matting

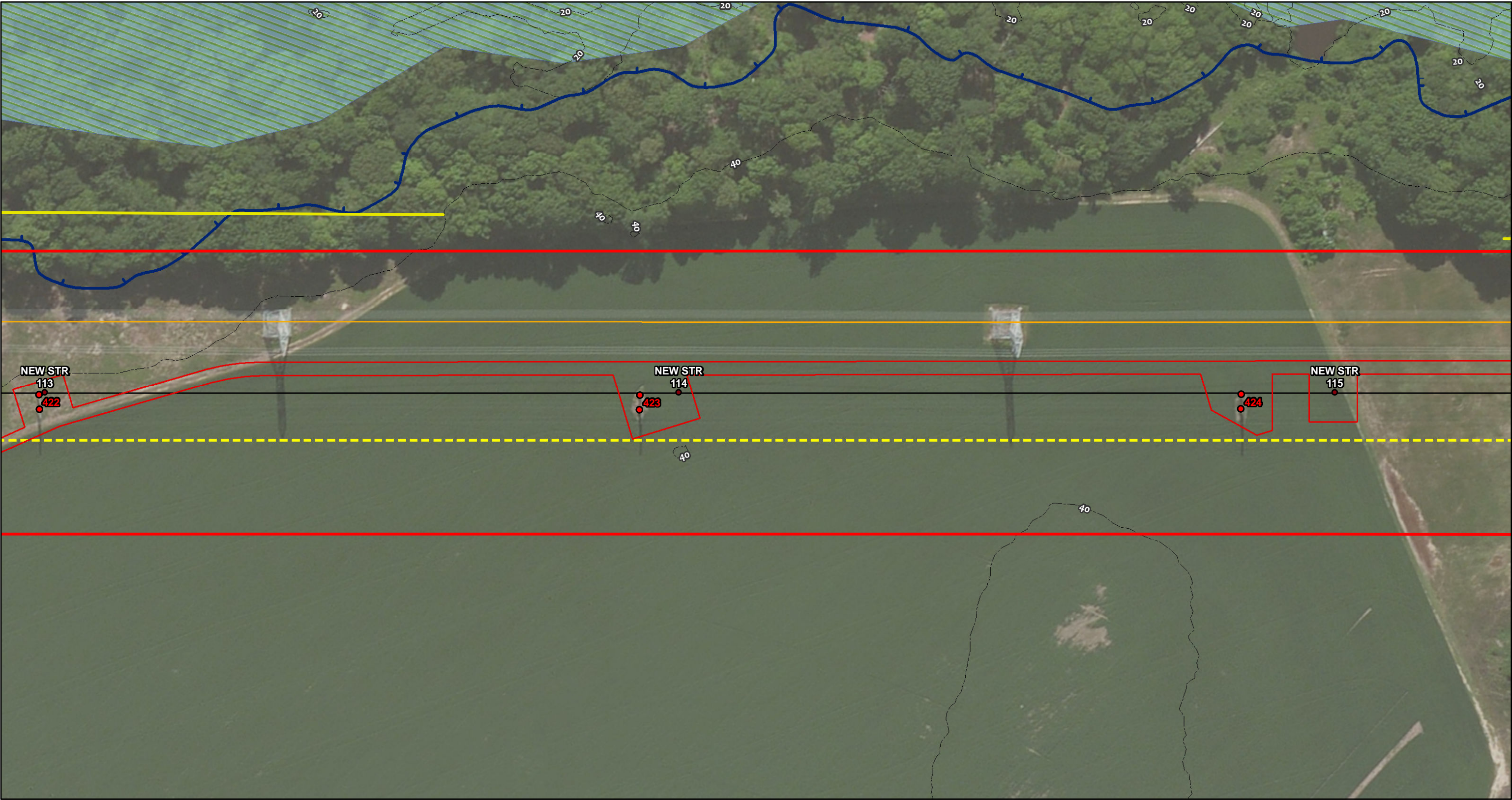
- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015





- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources

Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

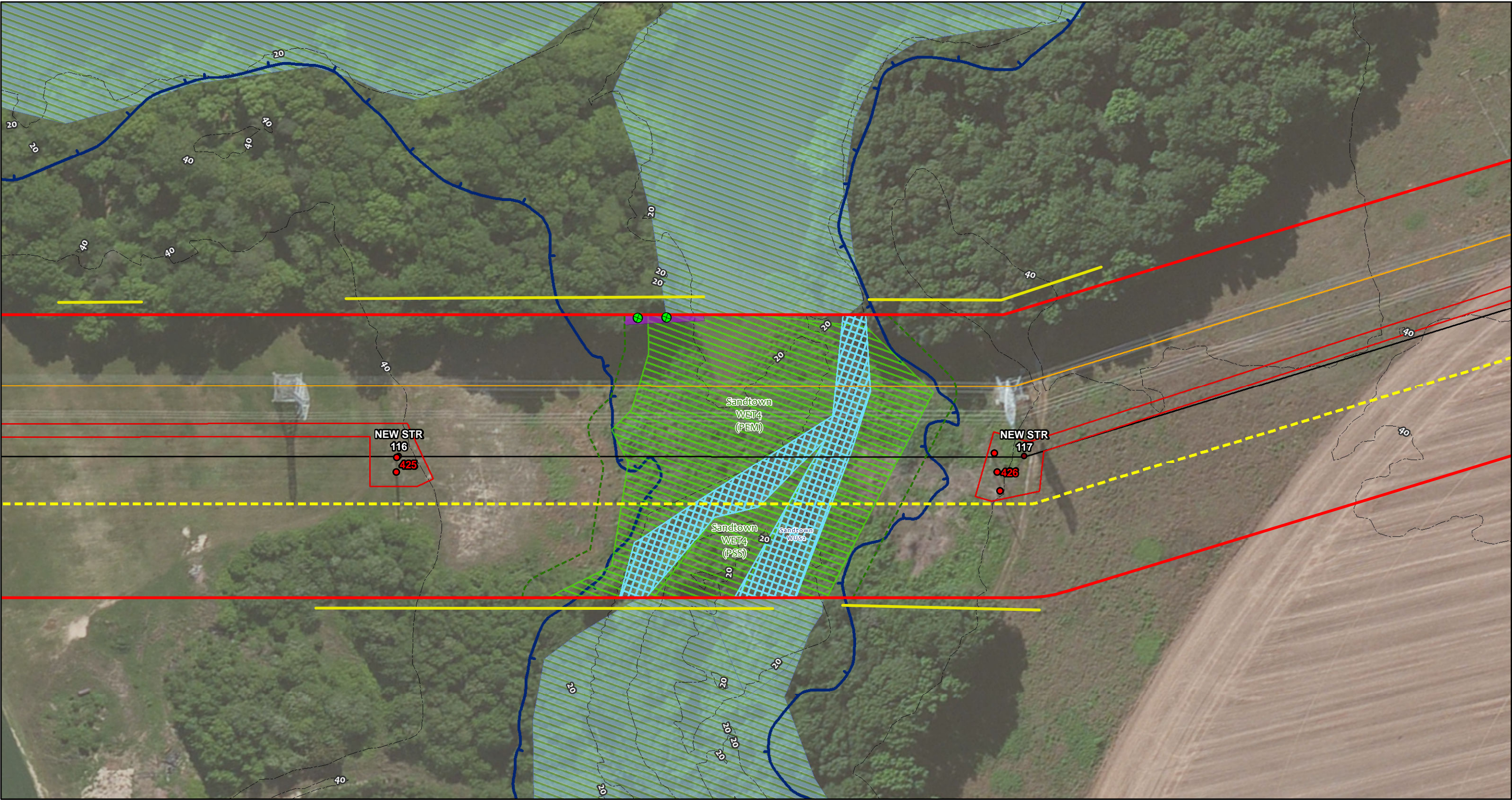


1 inch = 100 feet
0 50 100 Feet



Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan



- 100 New Structure
- 100 Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

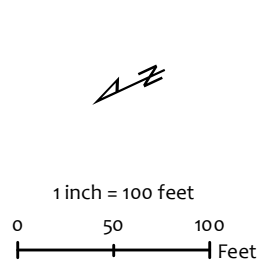
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

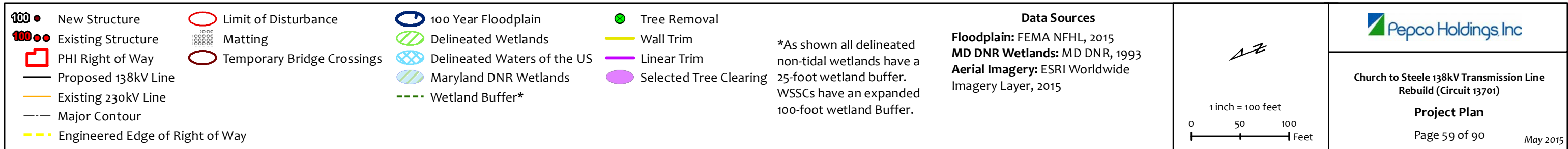


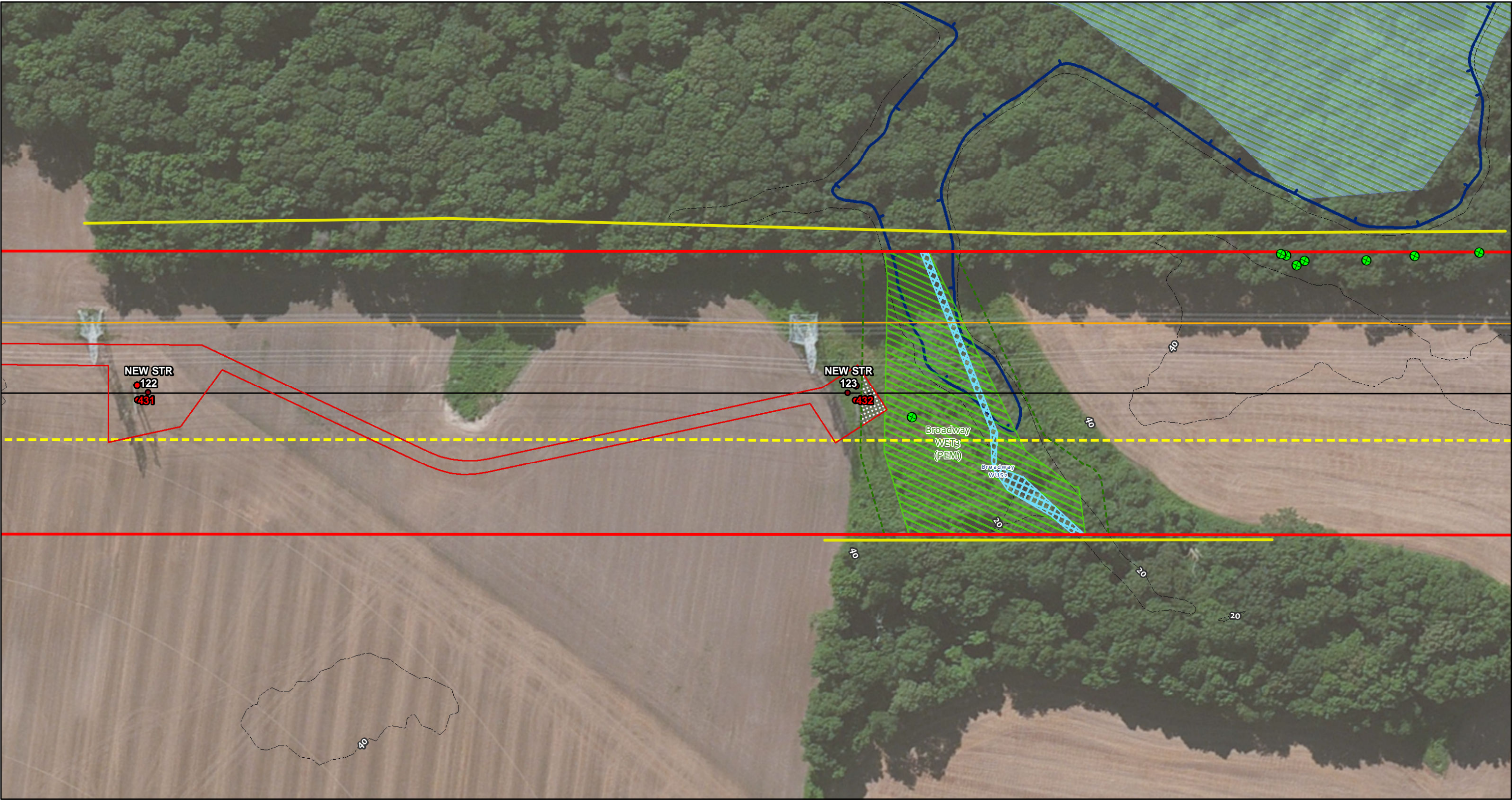
Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan

Page 57 of 90

May 2015





- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

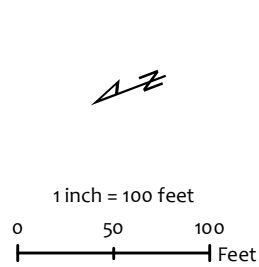
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

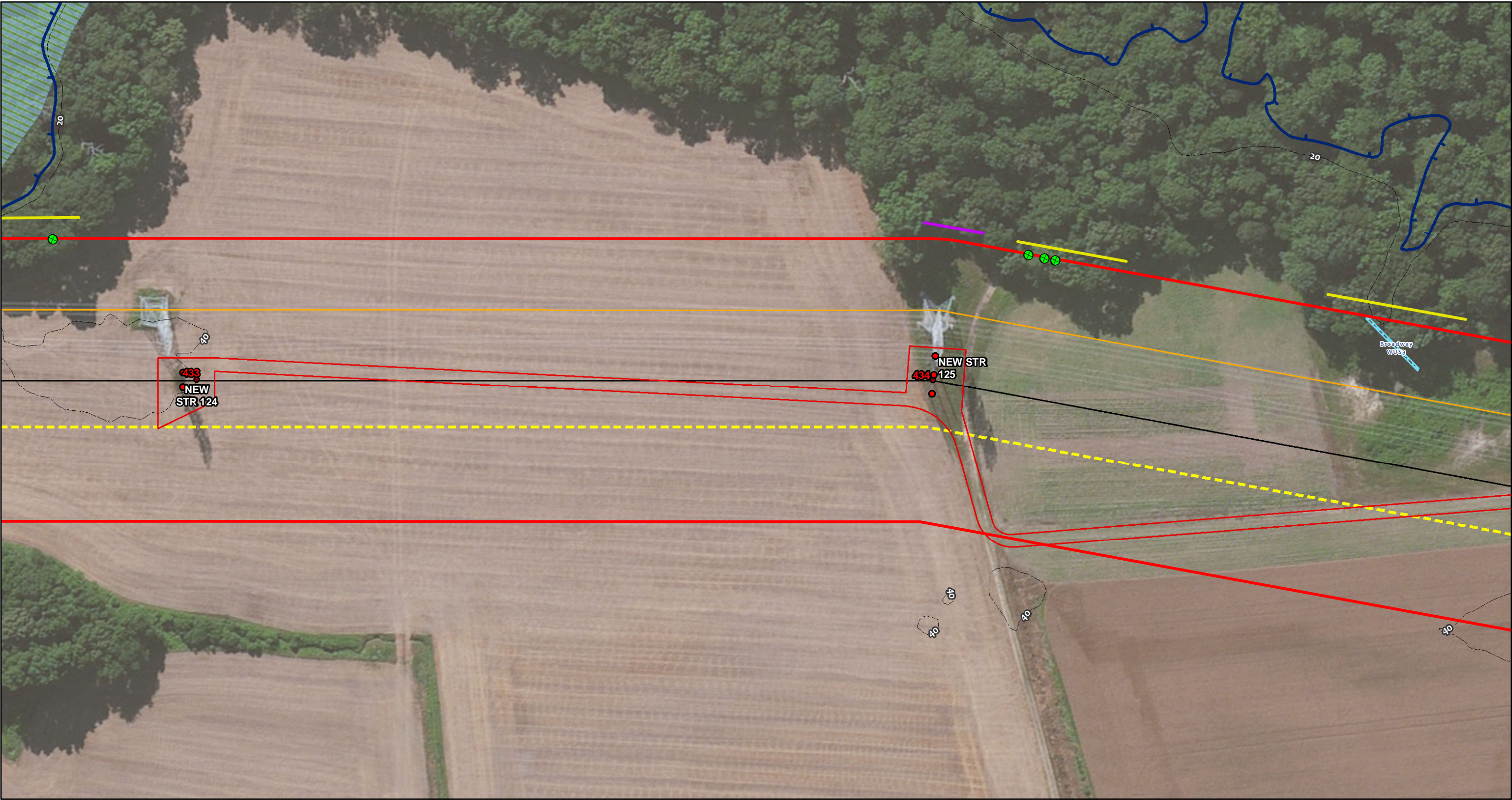


Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan

Page 60 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

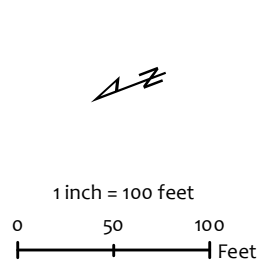
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

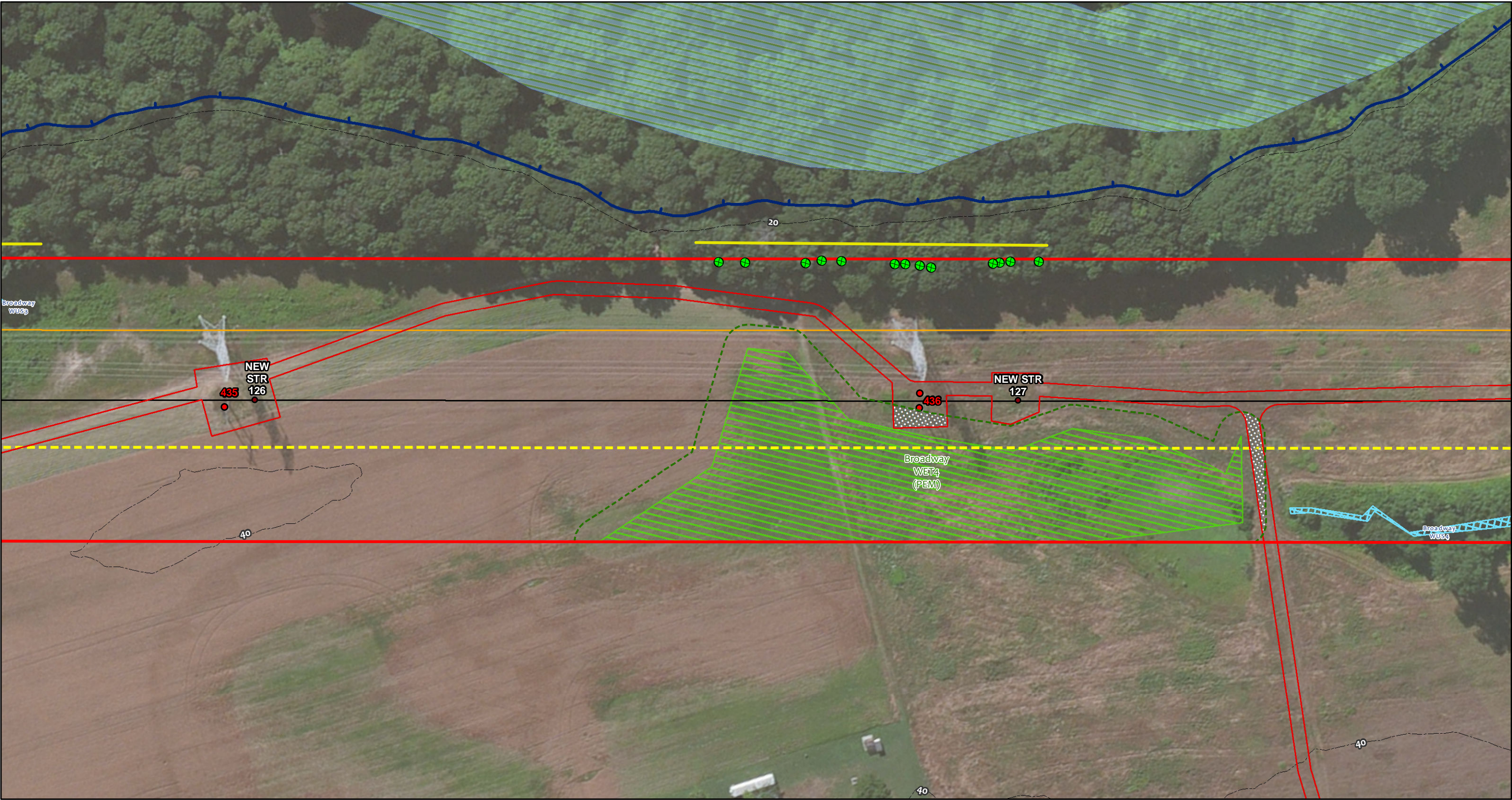


Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan

Page 61 of 90

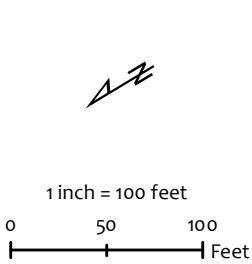
May 2015

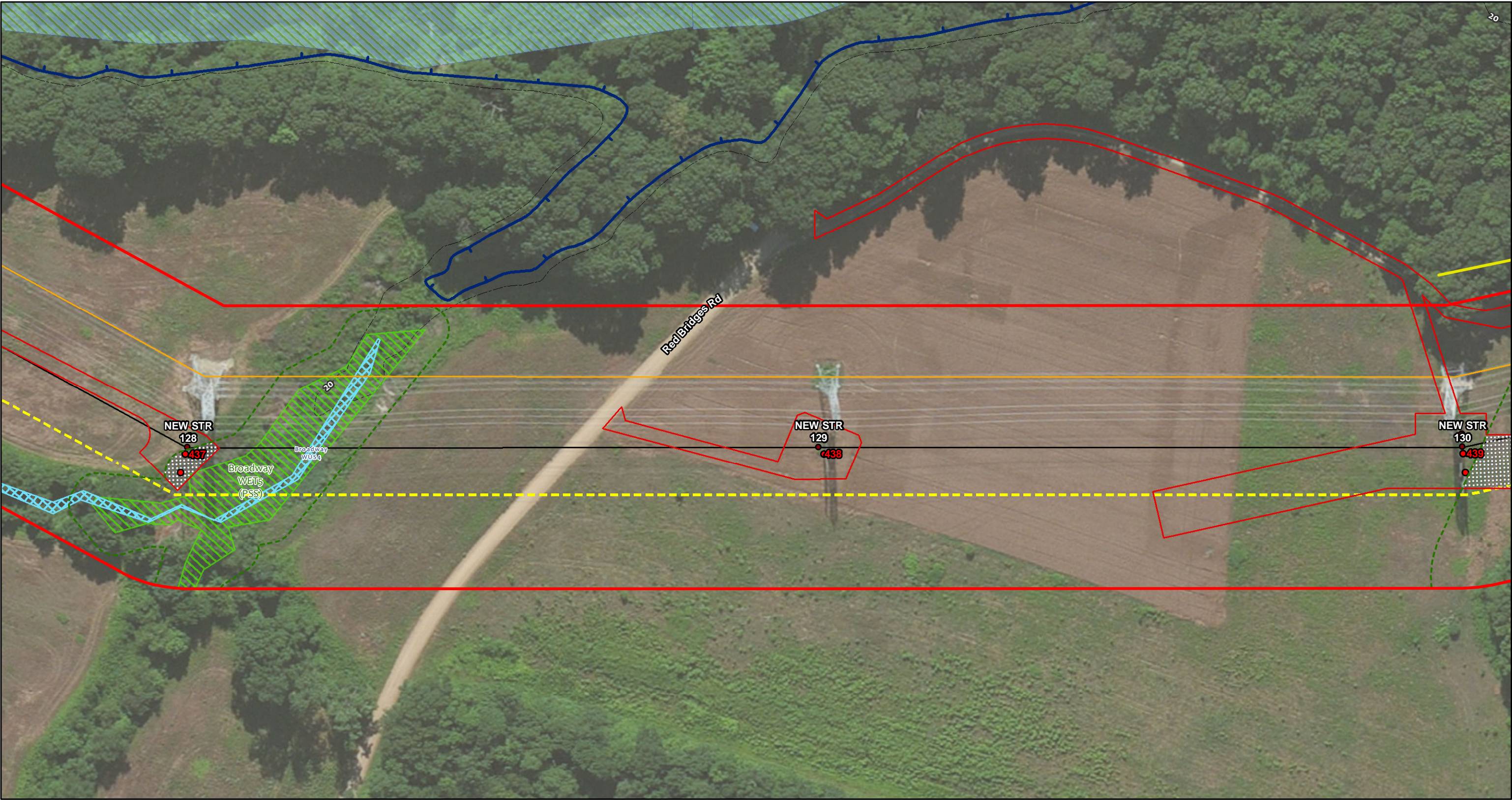


- | | | | |
|---------------------------------|----------------------|-----------------------------|------------------------|
| 100 ● New Structure | Limit of Disturbance | 100 Year Floodplain | Tree Removal |
| 100 ● Existing Structure | Matting | Delineated Wetlands | Wall Trim |
| PHI Right of Way | | Delineated Waters of the US | Linear Trim |
| Proposed 138kV Line | | Maryland DNR Wetlands | Selected Tree Clearing |
| Existing 230kV Line | | Wetland Buffer* | |
| Major Contour | | | |
| Engineered Edge of Right of Way | | | |

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015





- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

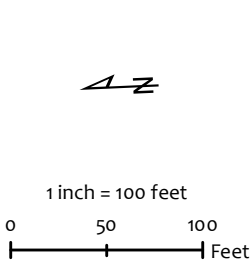
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

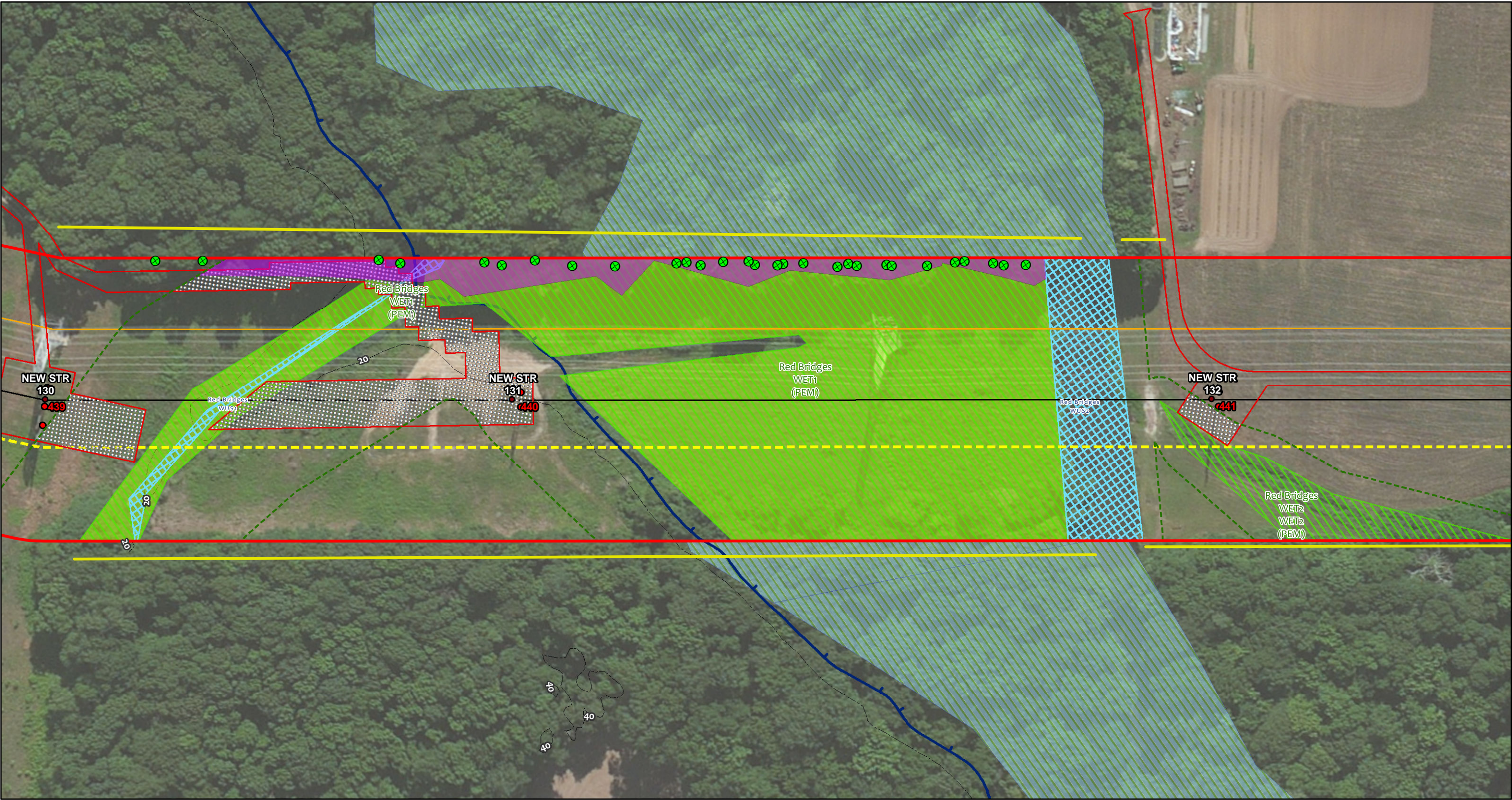


Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan

Page 63 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

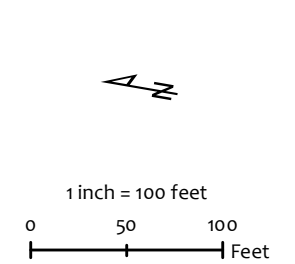
- Limit of Disturbance
- Matting

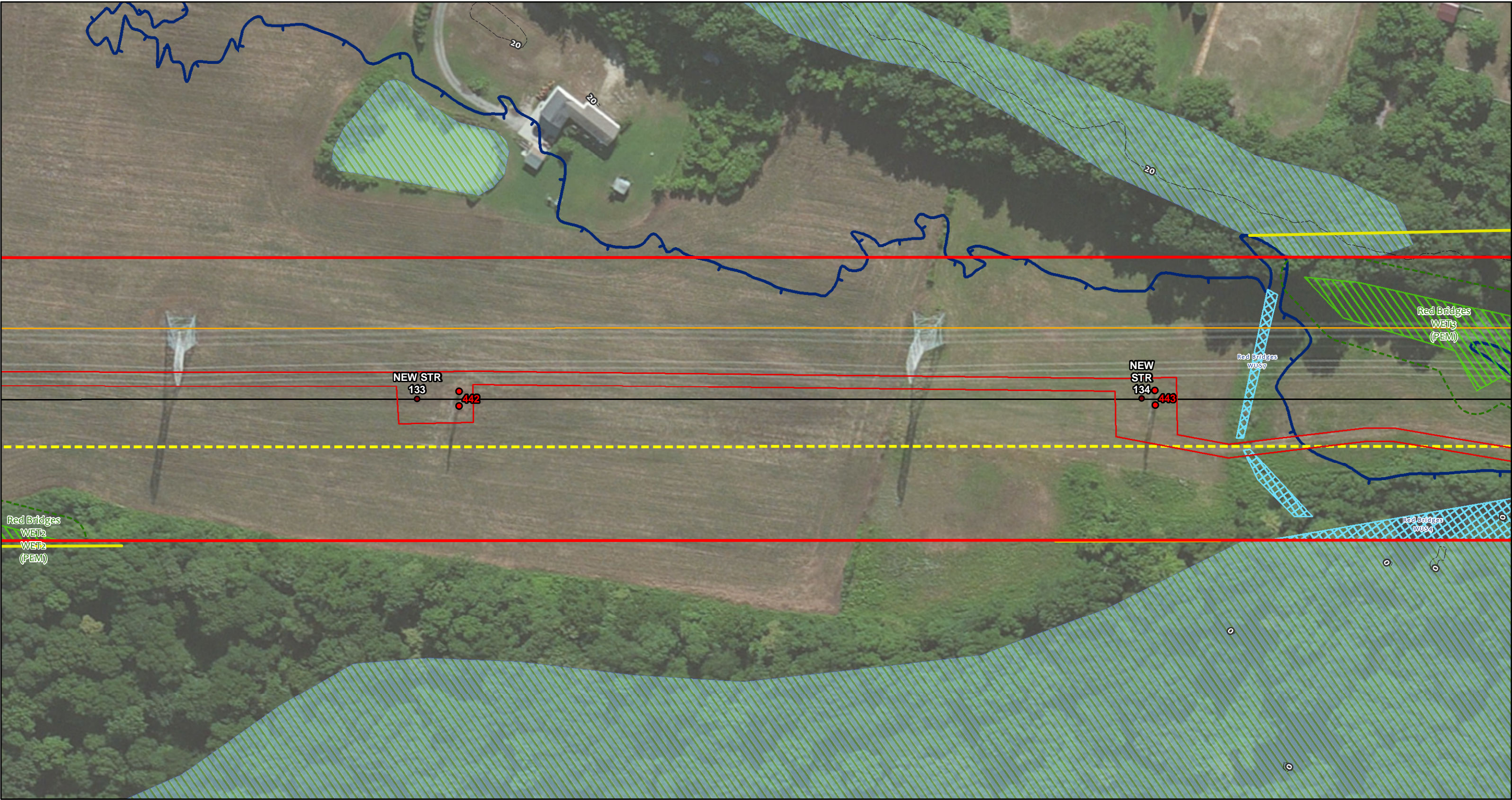
- 100 Year Floodplain
- Delineated Wetlands
- Wetlands of Special State Concern**
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015
****Wetlands of Special State Concern:** Delineated Wetlands that overlap the DNR WSSC Layer (MD DNR, 1998)





- 100 ● New Structure
- 100 ● ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

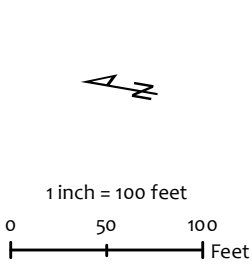
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

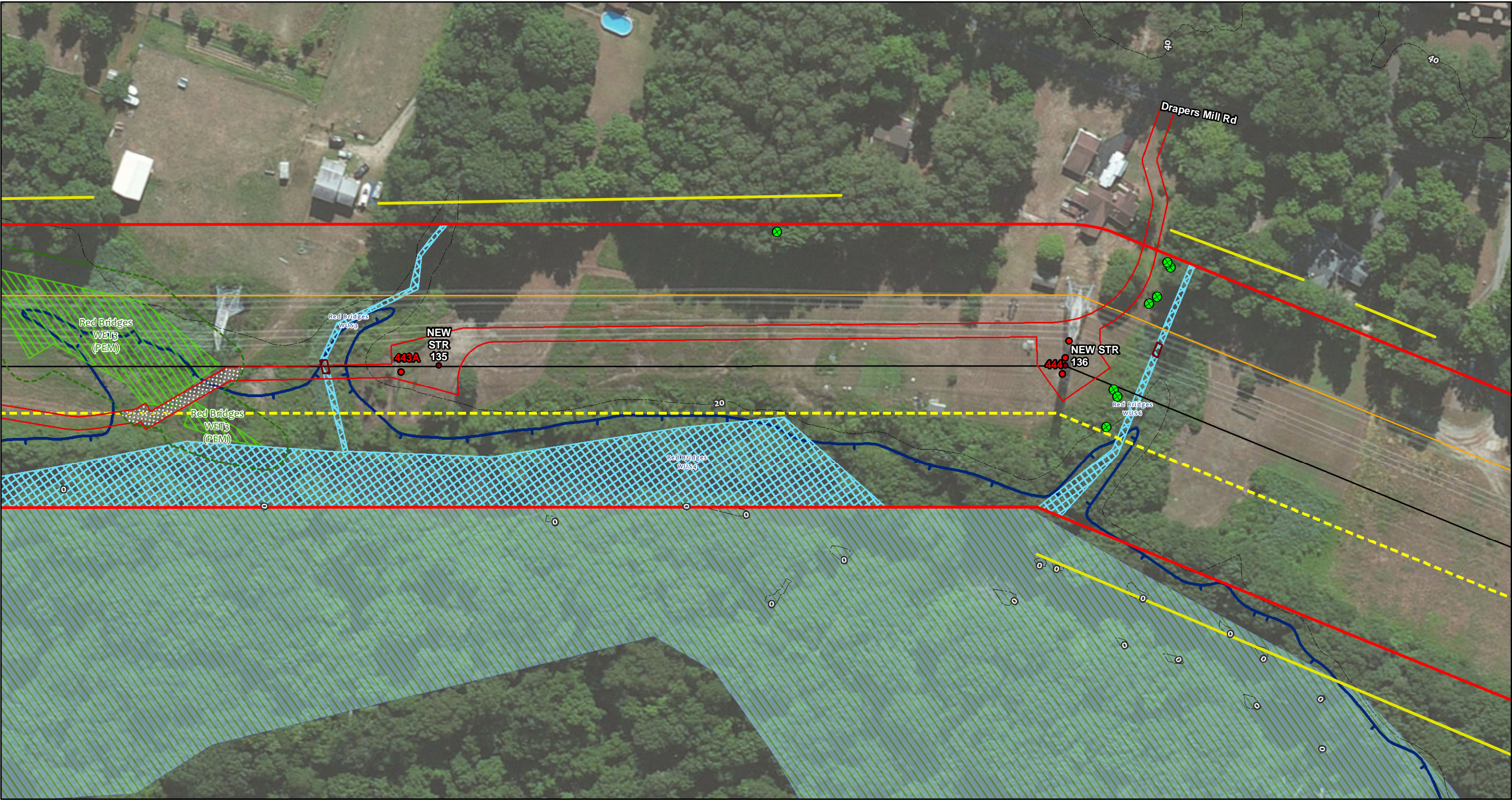


Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

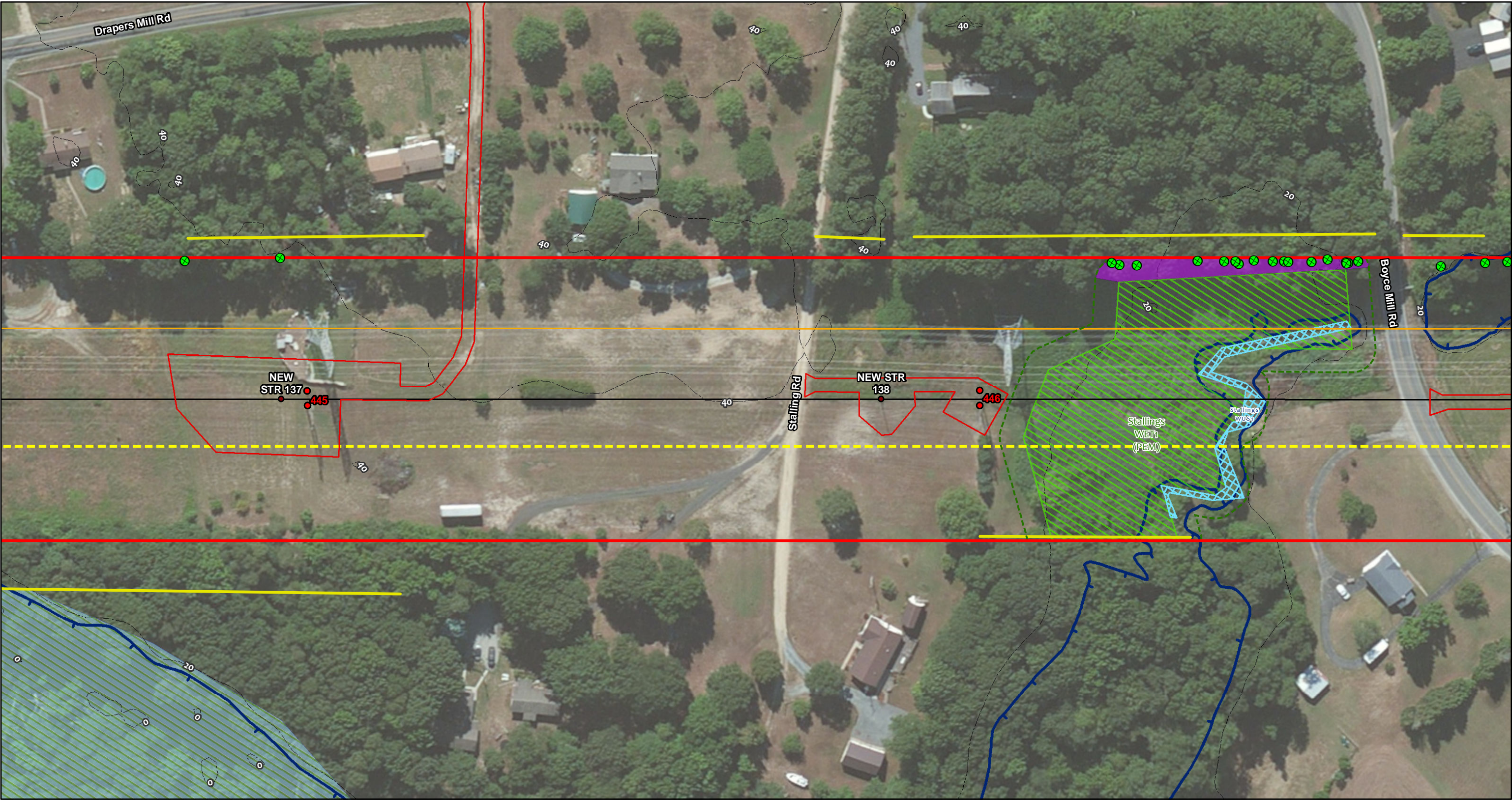
Project Plan

Page 65 of 90

May 2015



| | | | | | | | |
|---|---|---|---|---|---|---|--|
| <ul style="list-style-type: none">100 ● New Structure100 ● Existing StructurePHI Right of WayProposed 138kV LineExisting 230kV LineMajor ContourEngineered Edge of Right of Way | <ul style="list-style-type: none">Limit of DisturbanceMattingTemporary Bridge Crossings | <ul style="list-style-type: none">100 Year FloodplainDelineated WetlandsDelineated Waters of the USMaryland DNR WetlandsWetland Buffer* | <ul style="list-style-type: none">Tree RemovalWall TrimLinear TrimSelected Tree Clearing | <p>*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.</p> | <p>Data Sources</p> <p>Floodplain: FEMA NFHL, 2015 MD DNR Wetlands: MD DNR, 1993 Aerial Imagery: ESRI Worldwide Imagery Layer, 2015</p> | <p>1 inch = 100 feet</p> <p>0 50 100 Feet</p> | <p>Pepco Holdings Inc</p> <p>Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)</p> <p>Project Plan</p> <p>Page 66 of 90</p> <p>May 2015</p> |
|---|---|---|---|---|---|---|--|



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

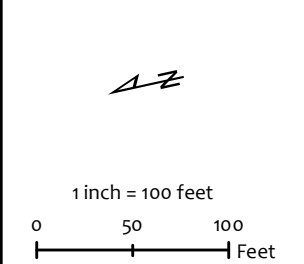
- Limit of Disturbance
- Matting

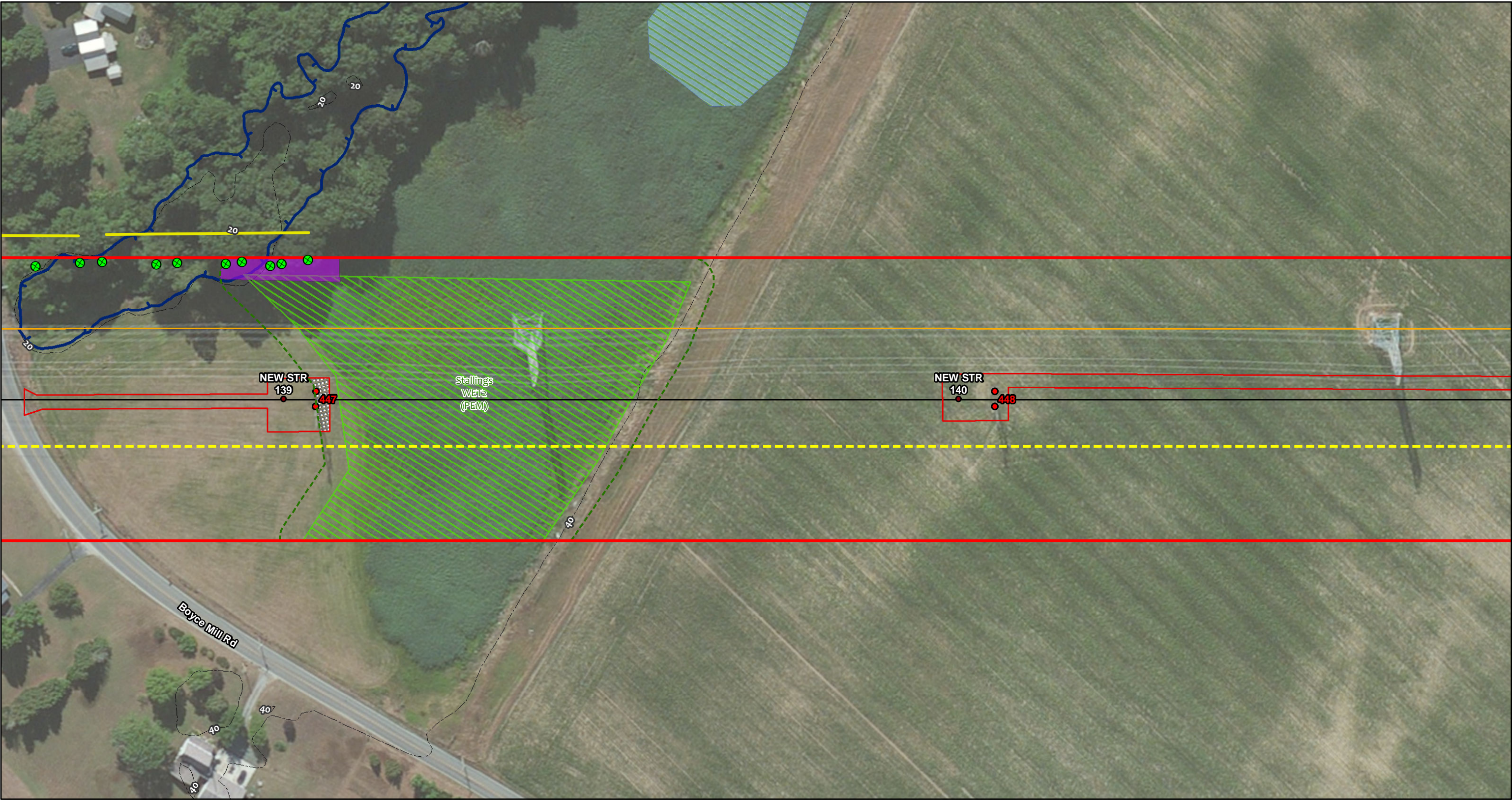
- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015





- 100 ● New Structure
- 100 ● ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

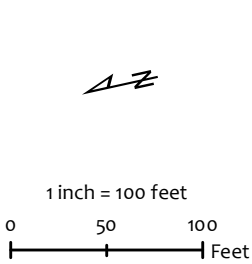
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015




Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

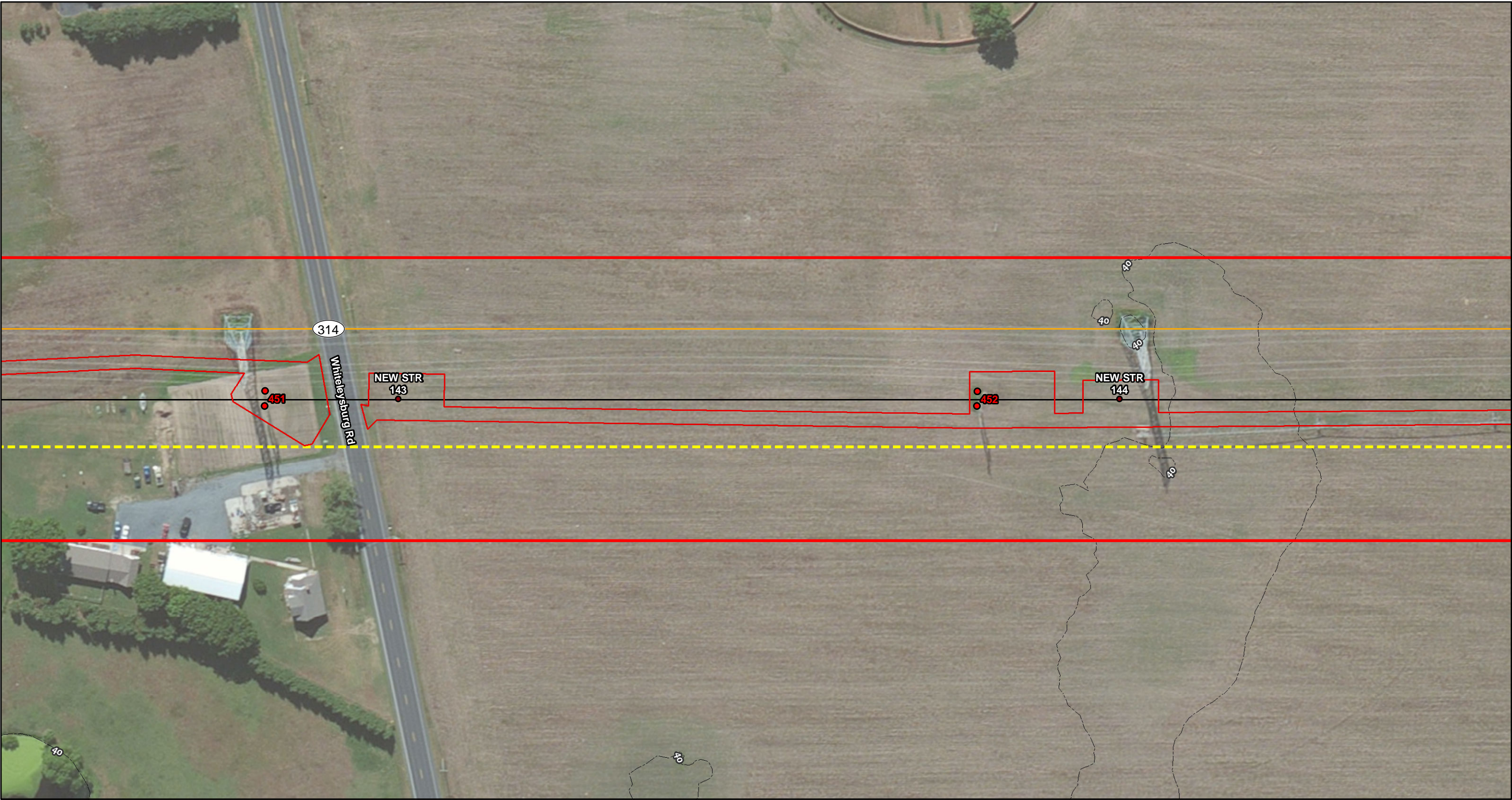
Project Plan

Page 68 of 90

May 2015



| | | | | | | | |
|--|--|--|---|---|---|--|--|
| <p>100 ● New Structure</p> <p>100 ● ● Existing Structure</p> <p>PHI Right of Way</p> <p>Proposed 138kV Line</p> <p>Existing 230kV Line</p> <p>Major Contour</p> <p>Engineered Edge of Right of Way</p> | <p>Limit of Disturbance</p> <p>Matting</p> | <p>100 Year Floodplain</p> <p>Delineated Wetlands</p> <p>Delineated Waters of the US</p> <p>Maryland DNR Wetlands</p> <p>Wetland Buffer*</p> | <p>Tree Removal</p> <p>Wall Trim</p> <p>Linear Trim</p> <p>Selected Tree Clearing</p> | <p>*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.</p> | <p>Data Sources</p> <p>Floodplain: FEMA NFHL, 2015</p> <p>MD DNR Wetlands: MD DNR, 1993</p> <p>Aerial Imagery: ESRI Worldwide Imagery Layer, 2015</p> | <p>North Arrow</p> <p>1 inch = 100 feet</p> <p>0 50 100 Feet</p> | <p></p> <p>Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)</p> <p>Project Plan</p> <p>Page 69 of 90</p> <p>May 2015</p> |
|--|--|--|---|---|---|--|--|



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

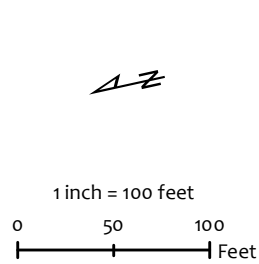
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

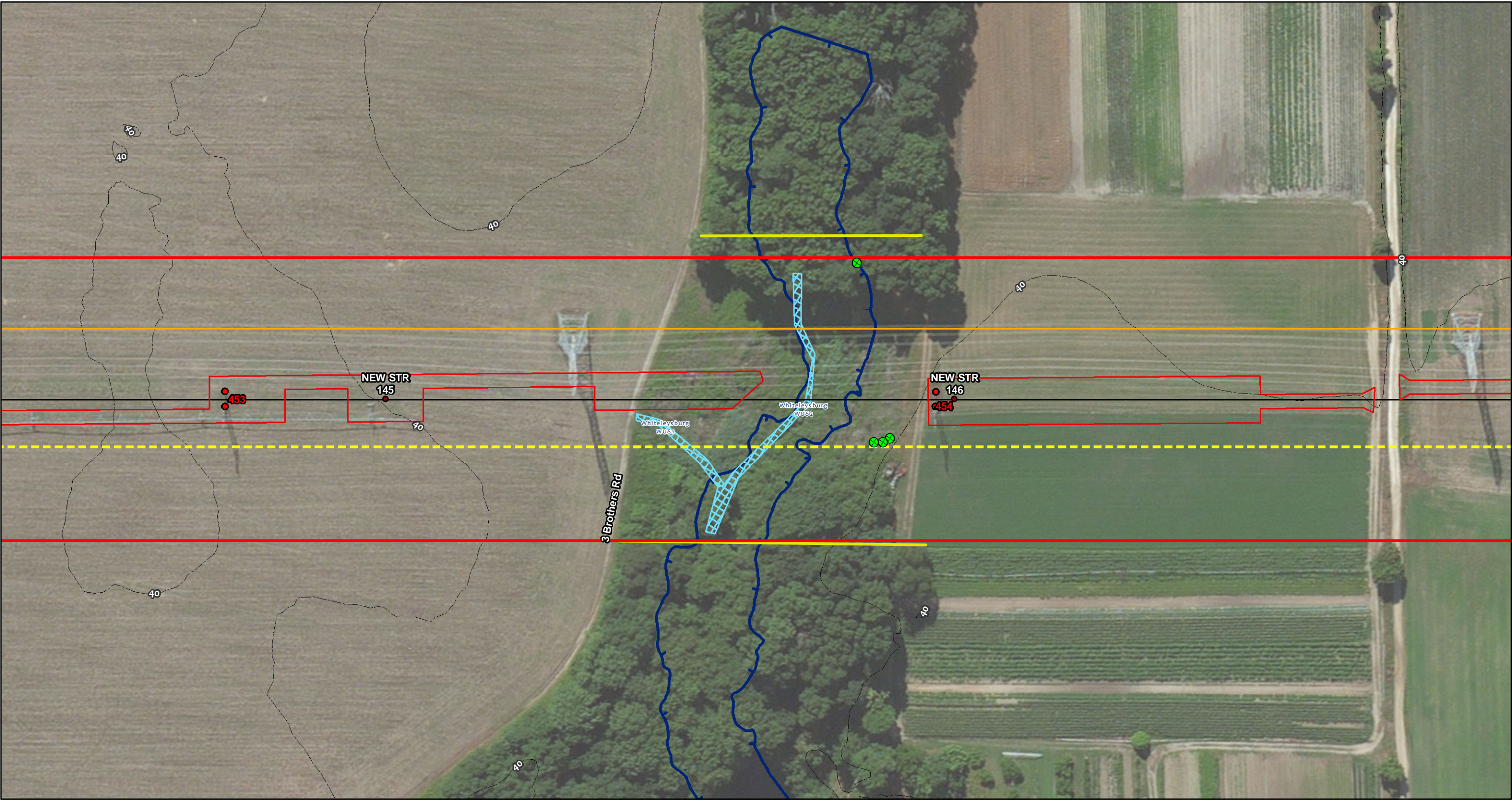


Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

Project Plan

Page 70 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

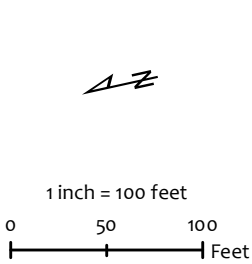
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015




Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan

Page 71 of 90

May 2015



| | | | | | | | |
|--|--|--|---|---|---|--|--|
| <p>100 ● New Structure</p> <p>100 ● ● Existing Structure</p> <p>PHI Right of Way</p> <p>Proposed 138kV Line</p> <p>Existing 230kV Line</p> <p>Major Contour</p> <p>Engineered Edge of Right of Way</p> | <p>Limit of Disturbance</p> <p>Matting</p> | <p>100 Year Floodplain</p> <p>Delineated Wetlands</p> <p>Delineated Waters of the US</p> <p>Maryland DNR Wetlands</p> <p>Wetland Buffer*</p> | <p>Tree Removal</p> <p>Wall Trim</p> <p>Linear Trim</p> <p>Selected Tree Clearing</p> | <p>*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.</p> | <p>Data Sources</p> <p>Floodplain: FEMA NFHL, 2015</p> <p>MD DNR Wetlands: MD DNR, 1993</p> <p>Aerial Imagery: ESRI Worldwide Imagery Layer, 2015</p> | <p>North Arrow</p> <p>1 inch = 100 feet</p> <p>0 50 100 Feet</p> | <p></p> <p>Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)</p> <p>Project Plan</p> <p>Page 72 of 90</p> <p>May 2015</p> |
|--|--|--|---|---|---|--|--|



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

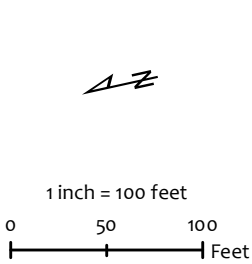
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

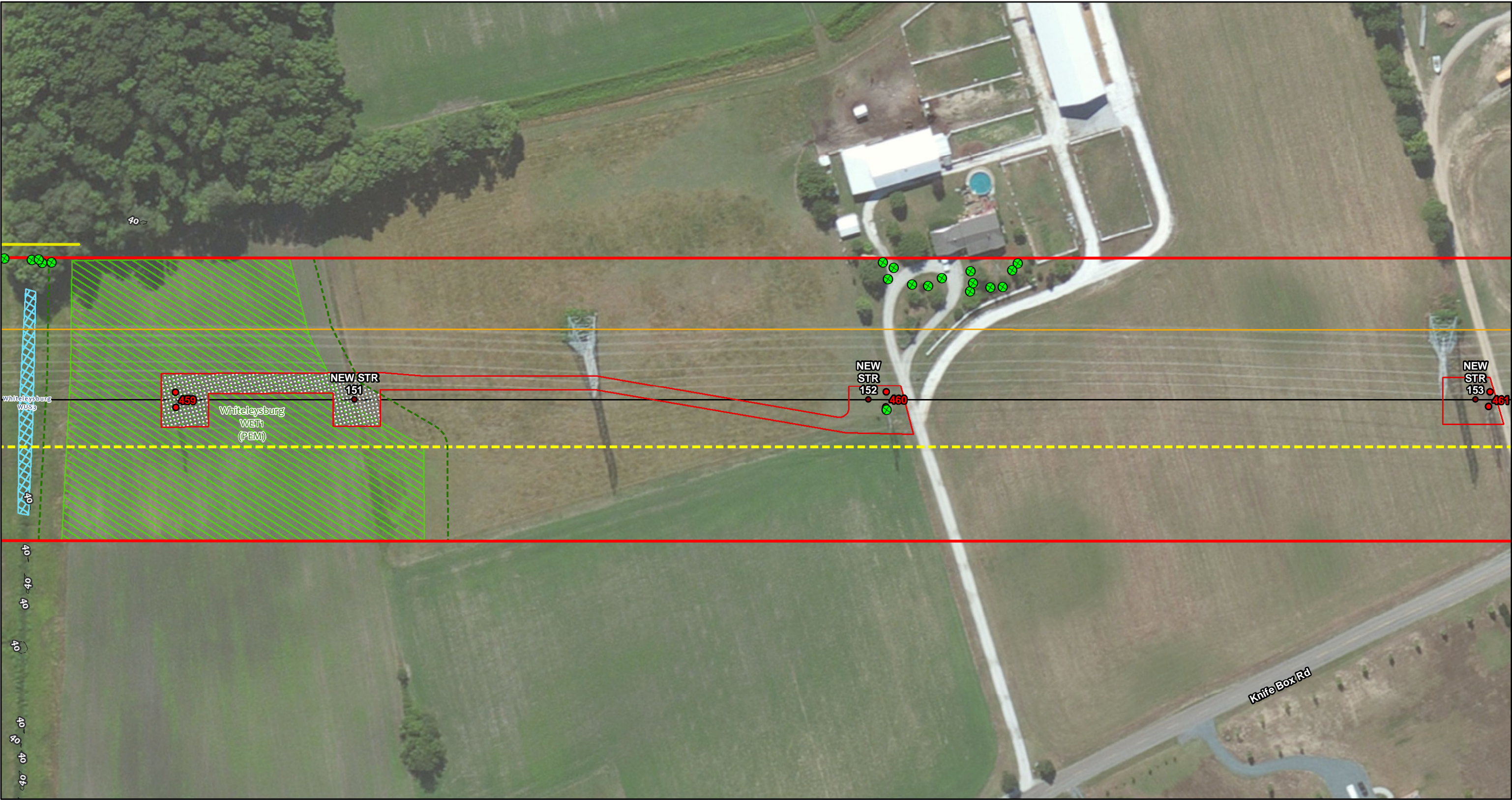


Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

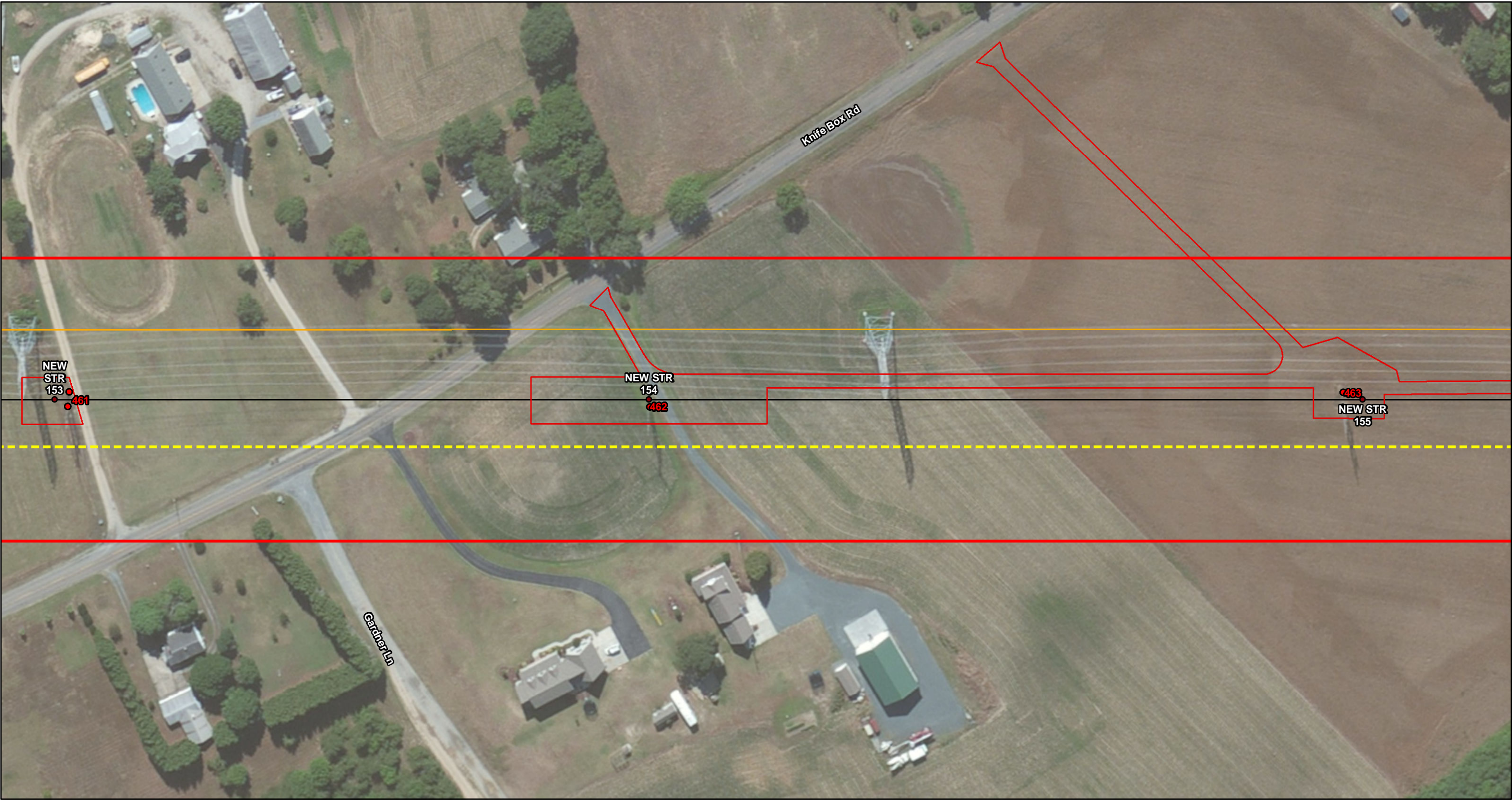
Project Plan

Page 73 of 90

May 2015



| | | | | | | | |
|---|--|---|---|---|---|---|--|
| <ul style="list-style-type: none">100 ● New Structure100 ● Existing StructurePHI Right of WayProposed 138kV LineExisting 230kV LineMajor ContourEngineered Edge of Right of Way | <ul style="list-style-type: none">Limit of DisturbanceMatting | <ul style="list-style-type: none">100 Year FloodplainDelineated WetlandsDelineated Waters of the USMaryland DNR WetlandsWetland Buffer* | <ul style="list-style-type: none">Tree RemovalWall TrimLinear TrimSelected Tree Clearing | <p>*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.</p> | <p>Data Sources</p> <p>Floodplain: FEMA NFHL, 2015 MD DNR Wetlands: MD DNR, 1993 Aerial Imagery: ESRI Worldwide Imagery Layer, 2015</p> | <p>1 inch = 100 feet</p> <p>0 50 100 Feet</p> | <p>Pepco Holdings Inc</p> <p>Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)</p> <p>Project Plan</p> <p>Page 74 of 90</p> <p>May 2015</p> |
|---|--|---|---|---|---|---|--|



- 100 ● New Structure
- 100 ● ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources

Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015



1 inch = 100 feet
0 50 100 Feet

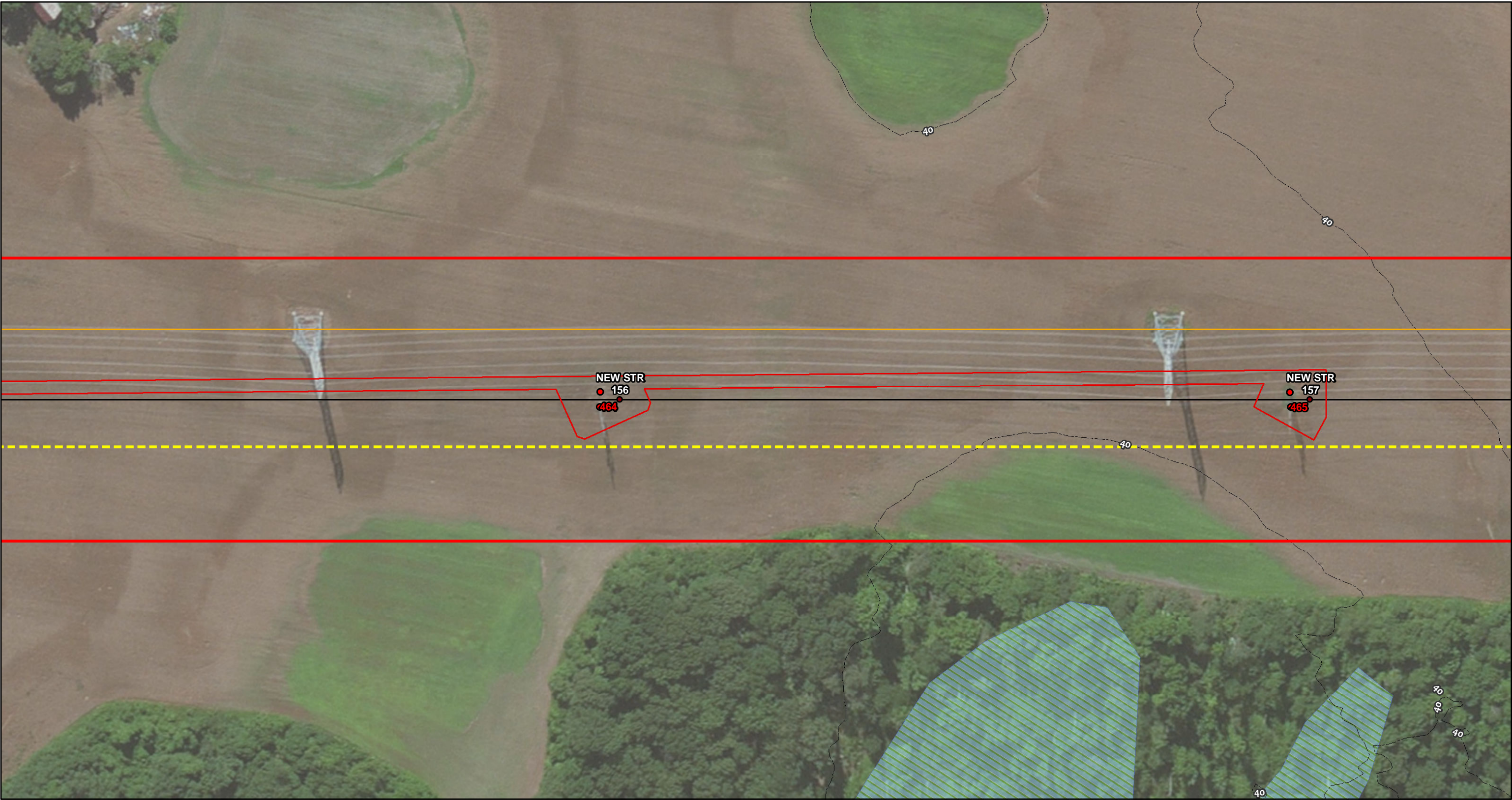


Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

Project Plan

Page 75 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

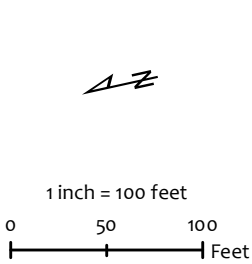
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

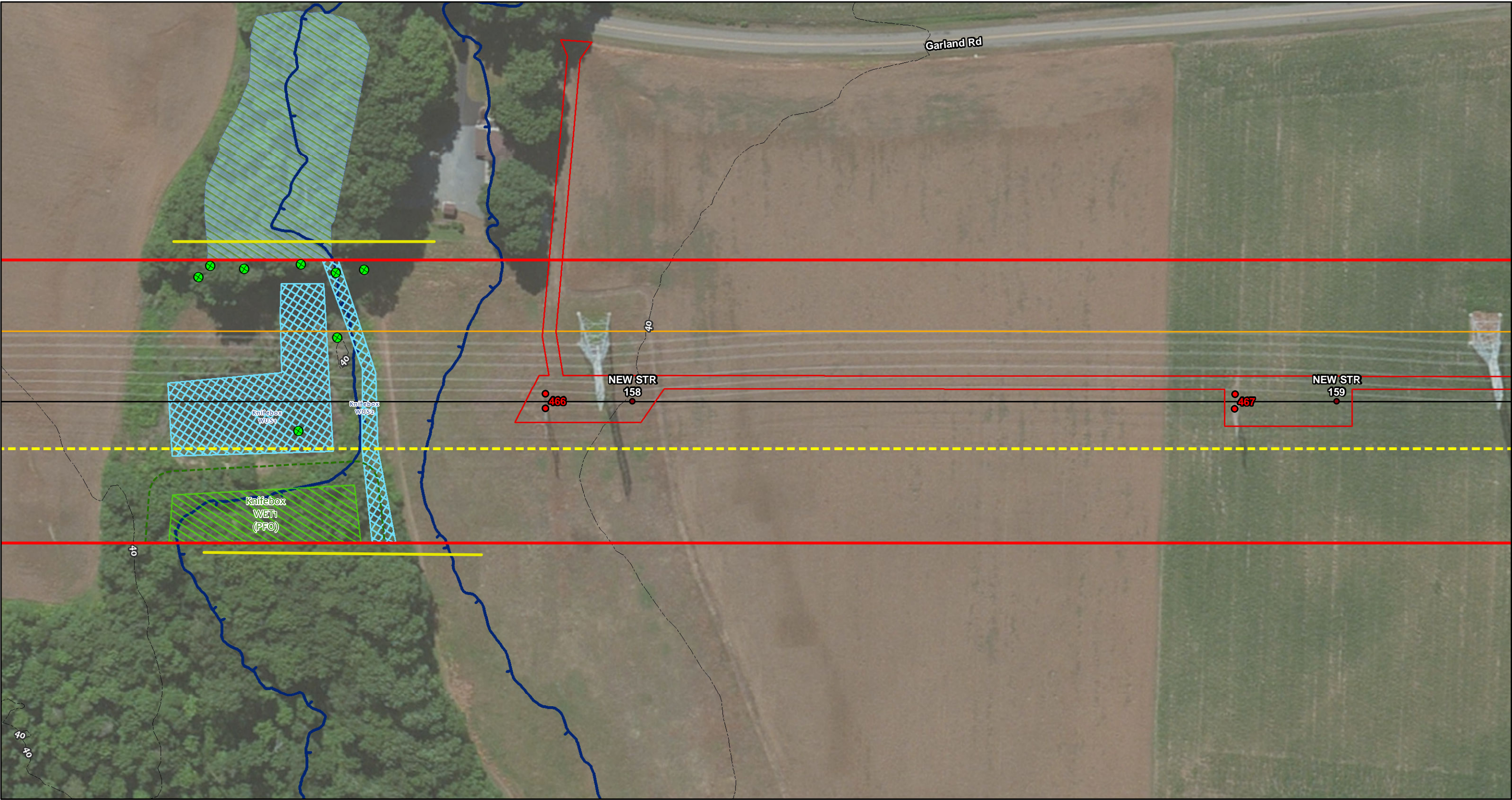
*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015



Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

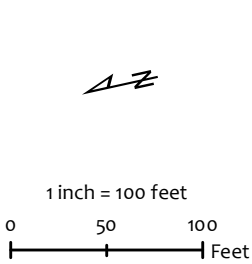
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.


Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

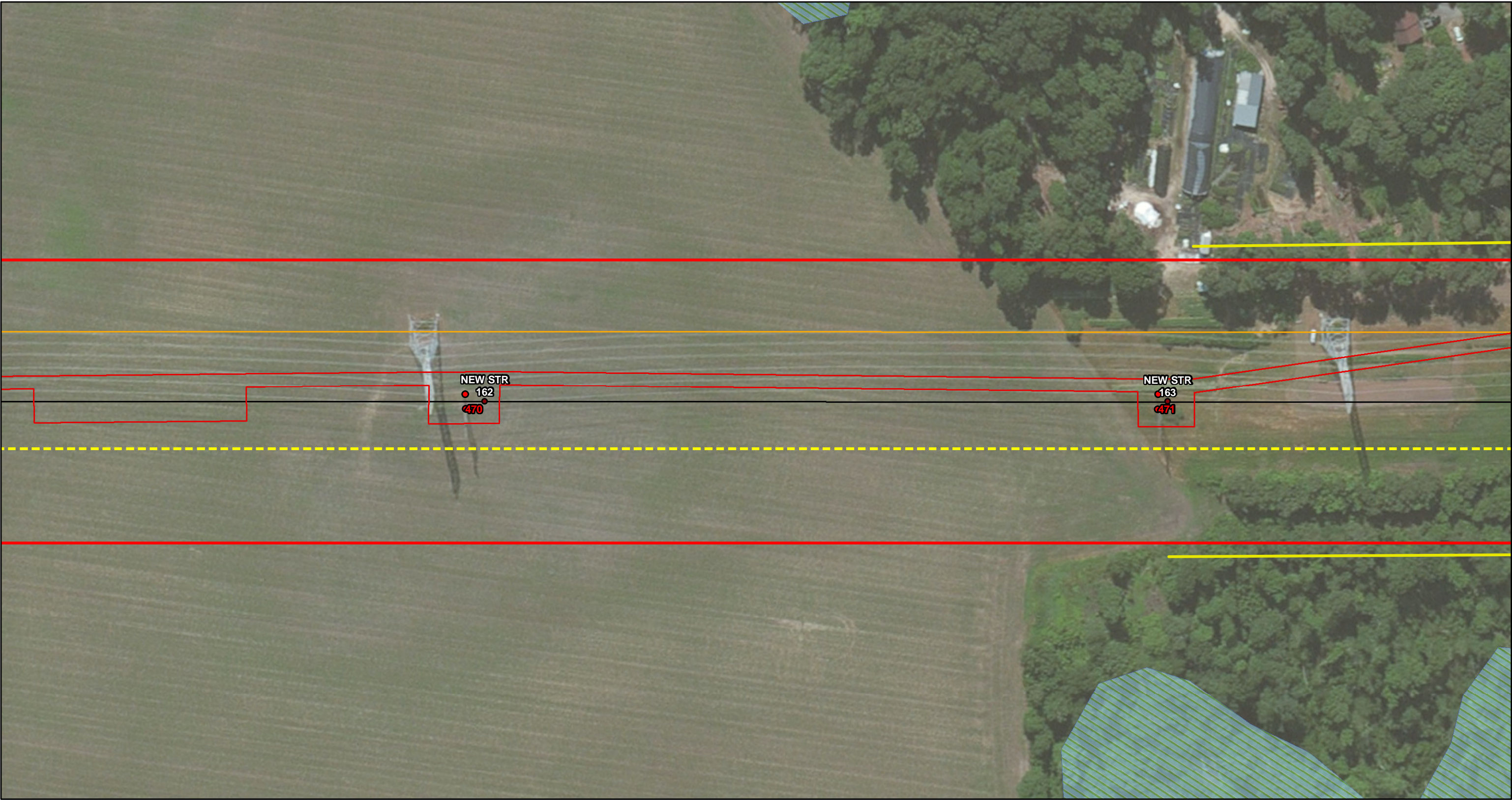


Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan



| | | | | | | | |
|--|--|--|---|---|---|--|--|
| <p>100 ● New Structure</p> <p>100 ● ● Existing Structure</p> <p>PHI Right of Way</p> <p>Proposed 138kV Line</p> <p>Existing 230kV Line</p> <p>Major Contour</p> <p>Engineered Edge of Right of Way</p> | <p>Limit of Disturbance</p> <p>Matting</p> | <p>100 Year Floodplain</p> <p>Delineated Wetlands</p> <p>Delineated Waters of the US</p> <p>Maryland DNR Wetlands</p> <p>Wetland Buffer*</p> | <p>Tree Removal</p> <p>Wall Trim</p> <p>Linear Trim</p> <p>Selected Tree Clearing</p> | <p>*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.</p> | <p>Data Sources</p> <p>Floodplain: FEMA NFHL, 2015</p> <p>MD DNR Wetlands: MD DNR, 1993</p> <p>Aerial Imagery: ESRI Worldwide Imagery Layer, 2015</p> | <p>North Arrow</p> <p>1 inch = 100 feet</p> <p>0 50 100 Feet</p> | <p></p> <p>Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)</p> <p>Project Plan</p> <p>Page 78 of 90</p> <p>May 2015</p> |
|--|--|--|---|---|---|--|--|



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

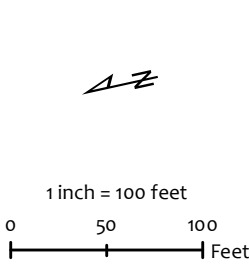
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

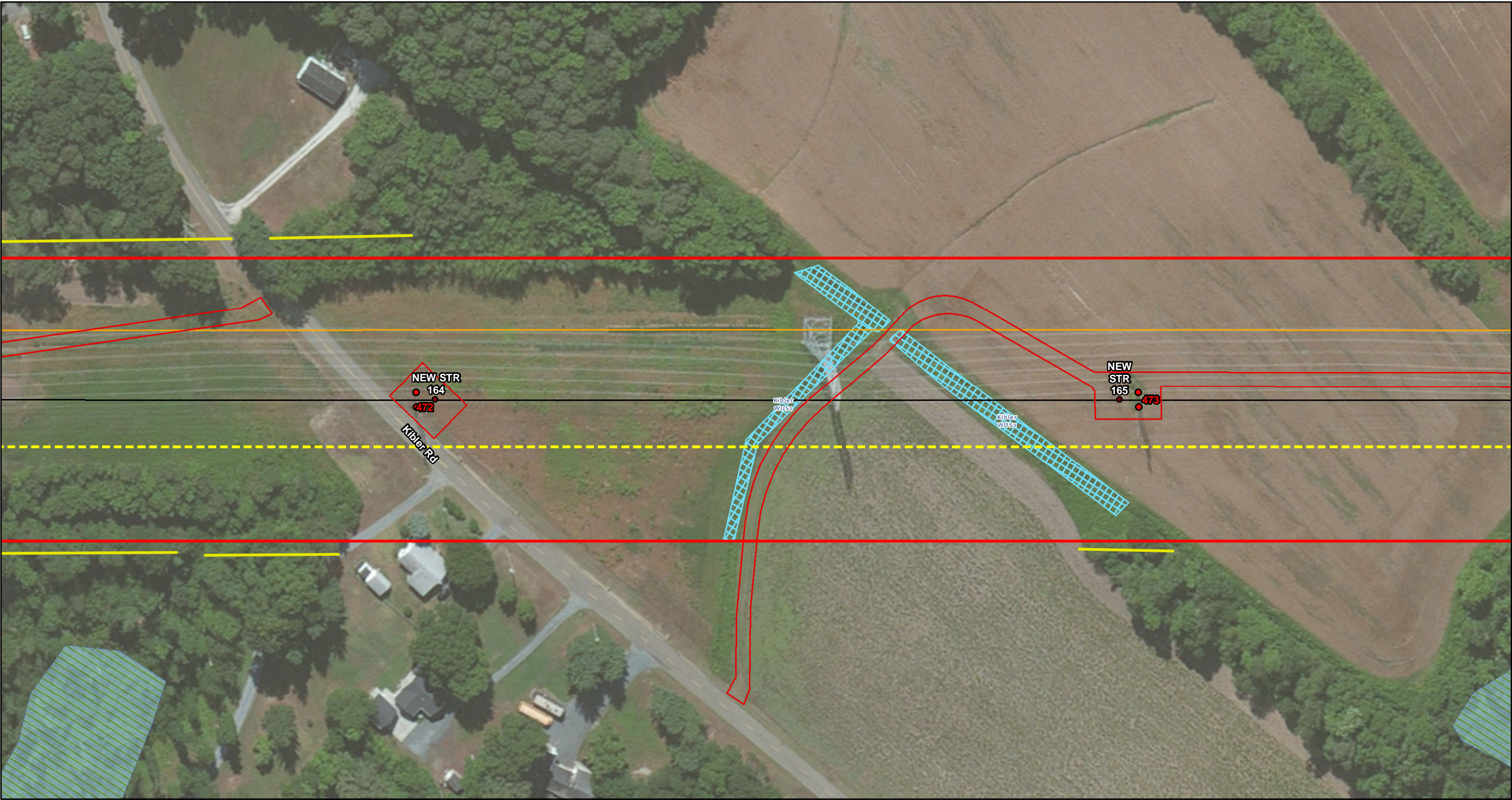


Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan

Page 79 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources

Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

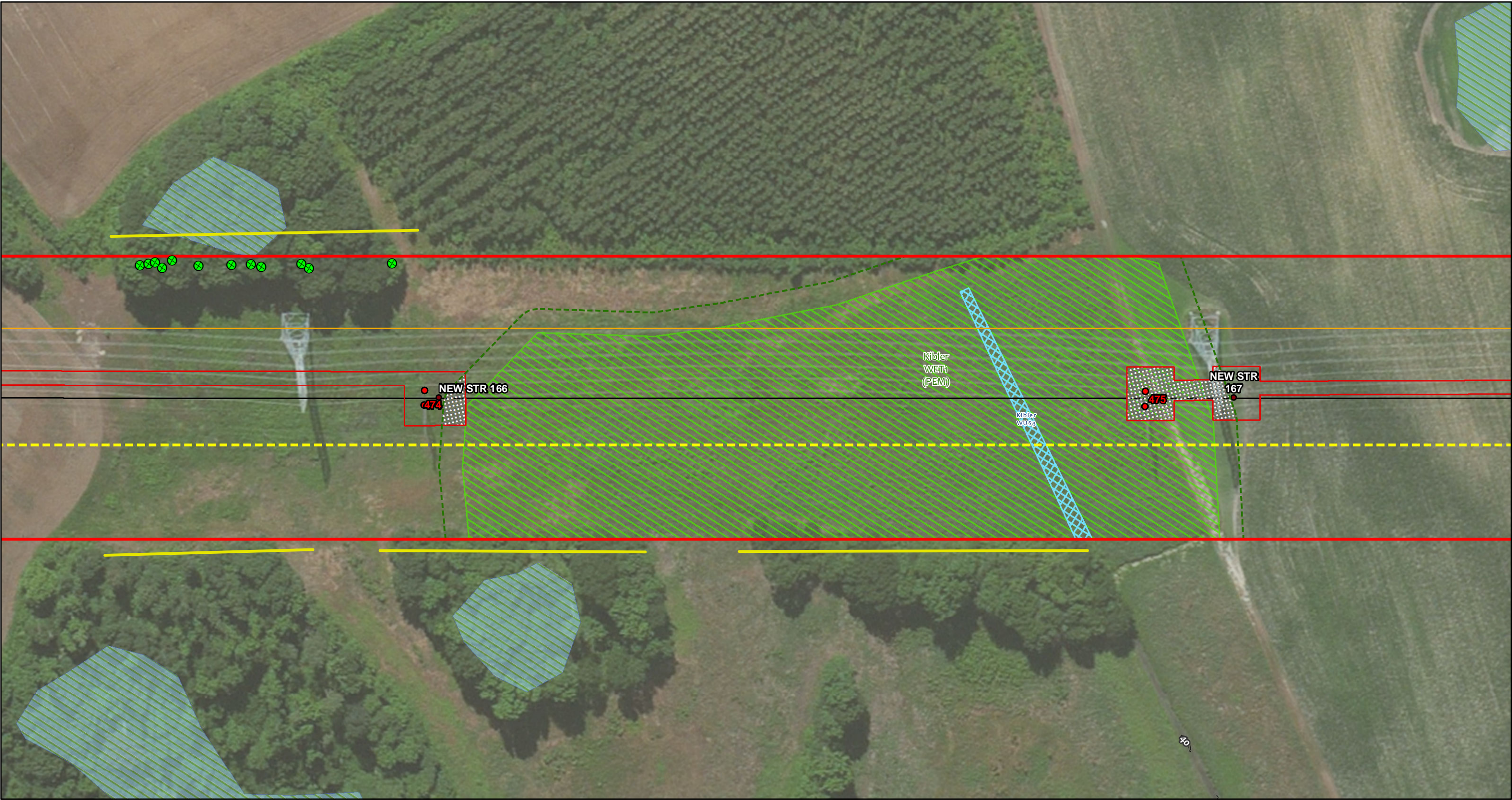


1 inch = 100 feet
0 50 100 Feet



Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

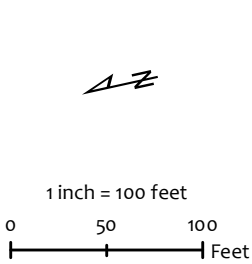
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

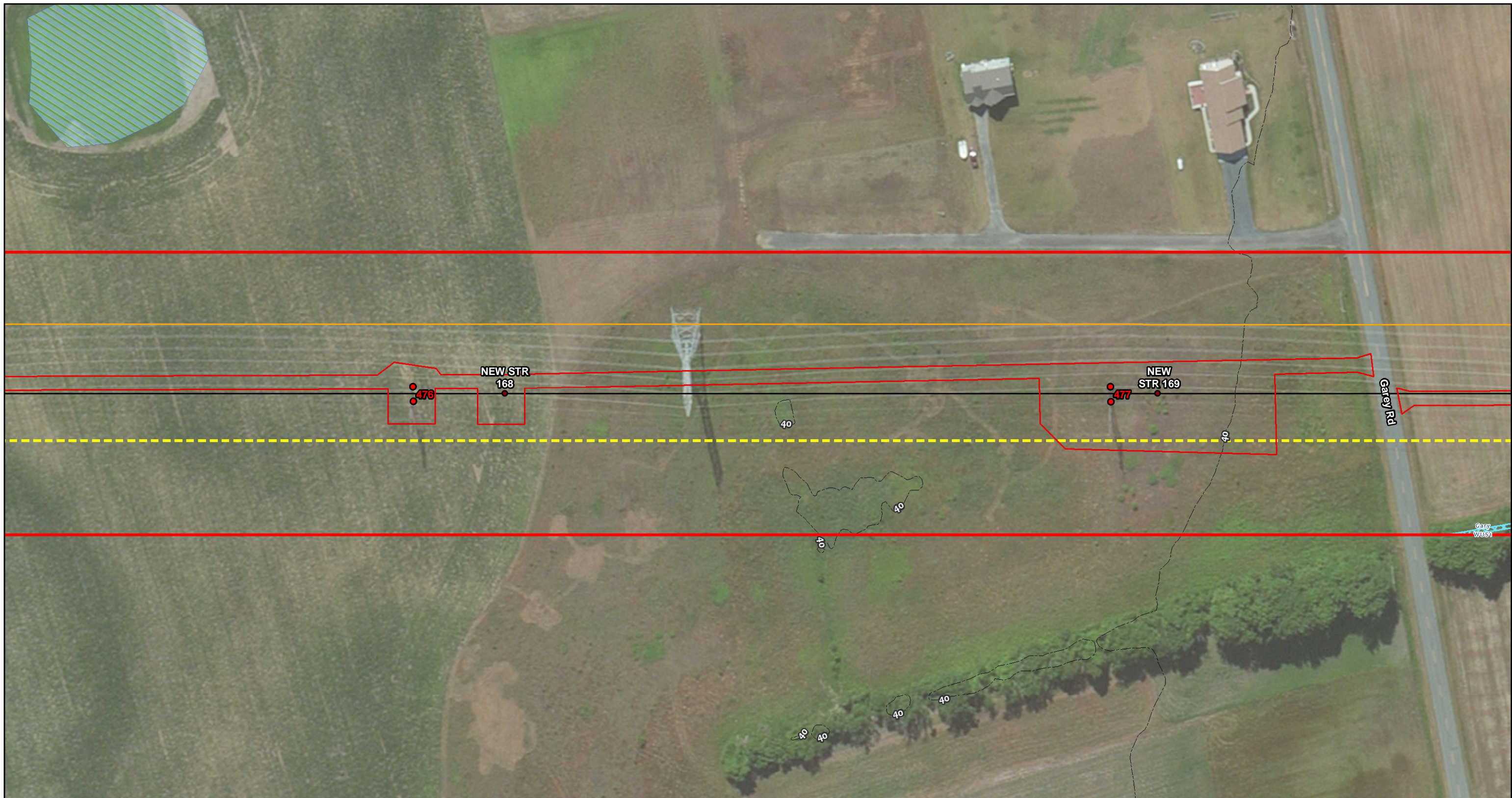
*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.





















Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015



Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)

Project Plan

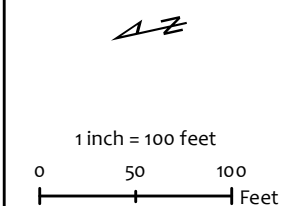


- | | | | | | | | |
|---|---------------------------------|---|----------------------|---|-----------------------------|---|------------------------|
|  | New Structure |  | Limit of Disturbance |  | 100 Year Floodplain |  | Tree Removal |
|  | Existing Structure |  | Matting |  | Delineated Wetlands |  | Wall Trim |
|  | PHI Right of Way |  | |  | Delineated Waters of the US |  | Linear Trim |
|  | Proposed 138kV Line |  | |  | Maryland DNR Wetlands |  | Selected Tree Clearing |
|  | Existing 230kV Line |  | | | Wetland Buffer* | | |
|  | Major Contour | | | | | | |
|  | Engineered Edge of Right of Way | | | | | | |

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources

Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide
 Imagery Layer, 2015

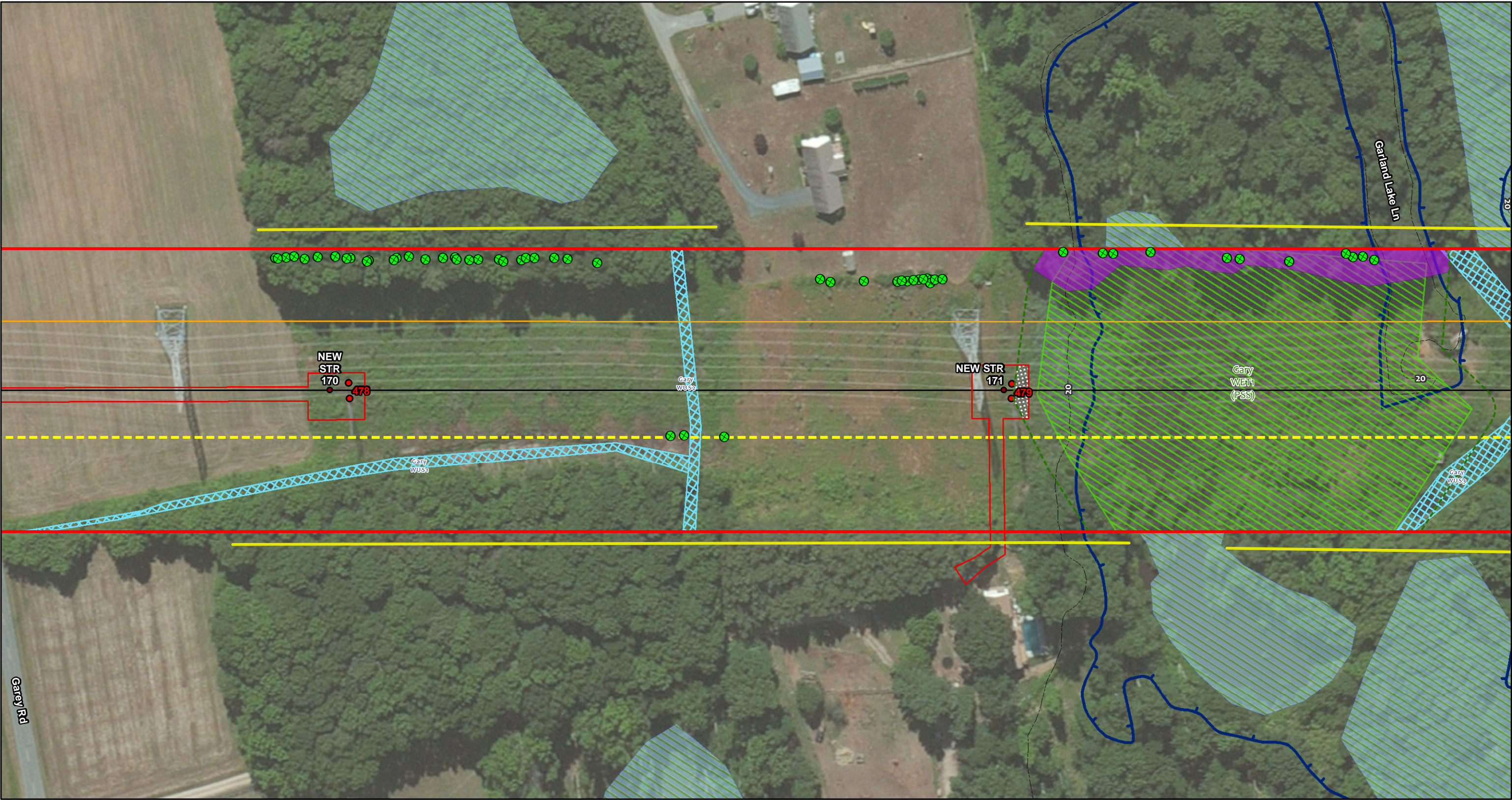


**Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)**

Project Plan

Page 82 of 90

May 2015



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

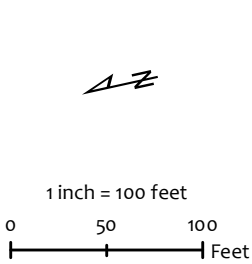
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

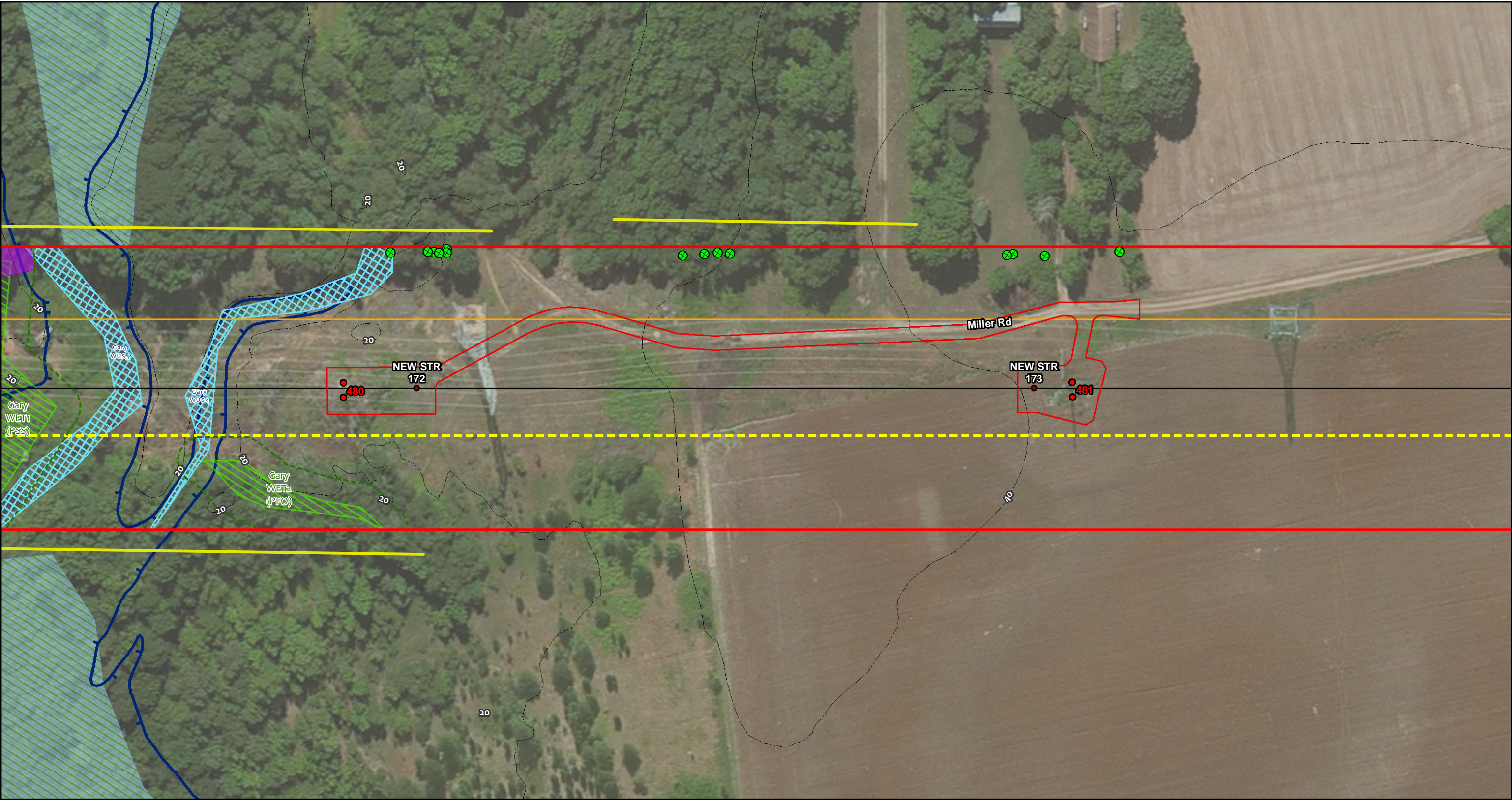


Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

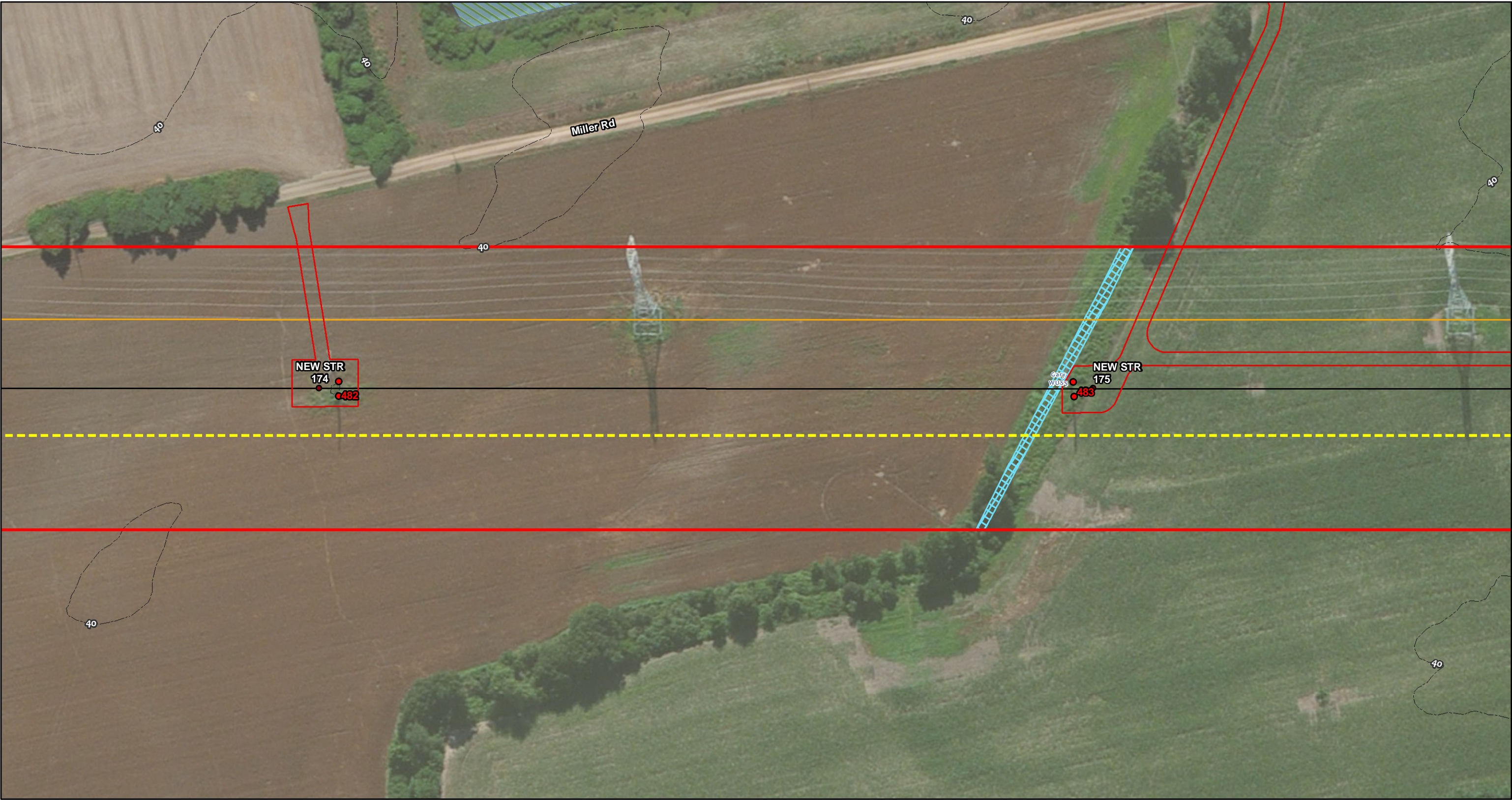
Project Plan

Page 83 of 90

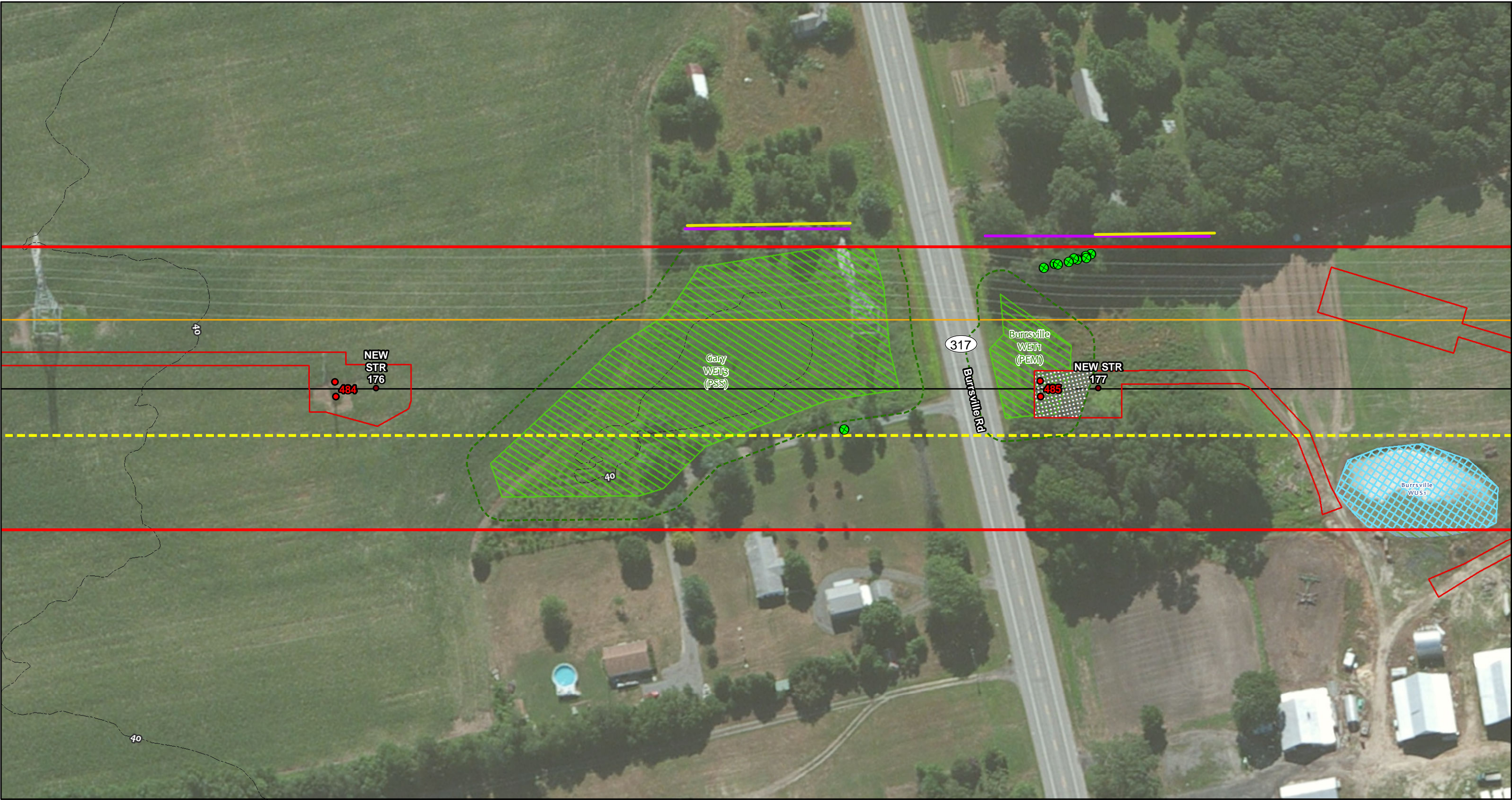
May 2015



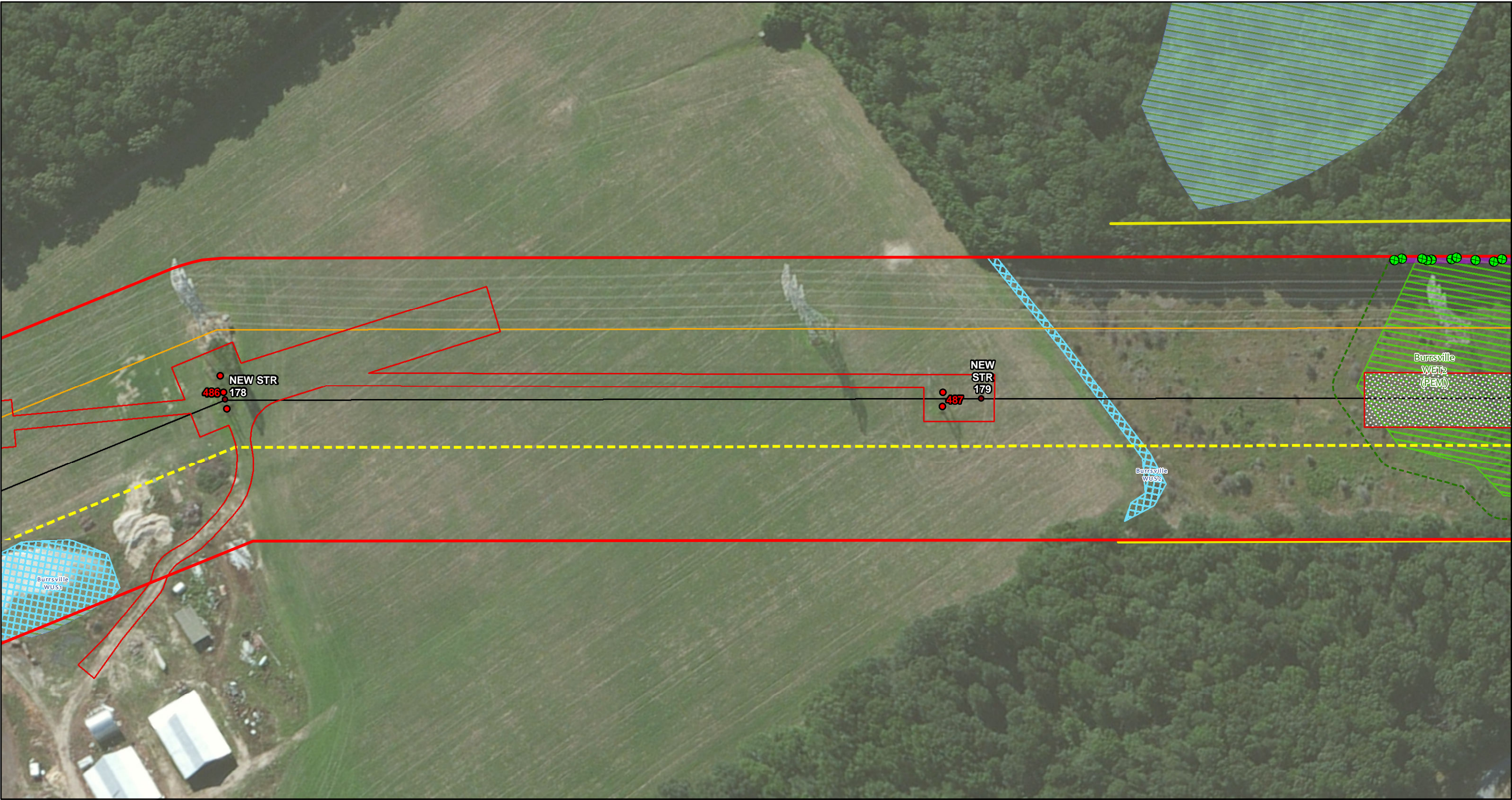
| | | | | | | |
|--|--|--|---|---|--|--|
| <p>100 ● New Structure</p> <p>100 ● Existing Structure</p> <p>PHI Right of Way</p> <p>Proposed 138kV Line</p> <p>Existing 230kV Line</p> <p>Major Contour</p> <p>Engineered Edge of Right of Way</p> | <p>Limit of Disturbance</p> <p>Matting</p> | <p>100 Year Floodplain</p> <p>Delineated Wetlands</p> <p>Delineated Waters of the US</p> <p>Maryland DNR Wetlands</p> <p>Wetland Buffer*</p> | <p>Tree Removal</p> <p>Wall Trim</p> <p>Linear Trim</p> <p>Selected Tree Clearing</p> | <p>Data Sources</p> <p>Floodplain: FEMA NFHL, 2015</p> <p>MD DNR Wetlands: MD DNR, 1993</p> <p>Aerial Imagery: ESRI Worldwide Imagery Layer, 2015</p> <p>*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.</p> | <p>North Arrow</p> <p>1 inch = 100 feet</p> <p>0 50 100 Feet</p> | <p>Pepco Holdings Inc</p> <p>Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)</p> <p>Project Plan</p> <p>Page 84 of 90</p> <p>May 2015</p> |
|--|--|--|---|---|--|--|



| | | | | | | | |
|---|---|---|--|--|--|---|---|
| <div><div><div><div><div><div></div><div>100</div></div><div><div></div><div>•</div></div></div><div>New Structure</div></div><div><div><div><div><div><div></div><div>100</div></div><div><div></div><div>•</div></div></div><div>Existing Structure</div></div><div><div><div><div><div><div></div><div></div></div></div><div>PHI Right of Way</div></div><div><div><div><div><div><div></div><div></div></div></div><div>Proposed 138kV Line</div></div><div><div><div><div><div><div></div><div></div></div></div><div>Existing 230kV Line</div></div><div><div><div><div><div><div></div><div></div></div></div><div>Major Contour</div></div><div><div><div><div><div><div></div><div></div></div></div><div>Engineered Edge of Right of Way</div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div> | <div><div><div><div><div><div></div><div></div></div></div><div>Limit of Disturbance</div></div><div><div><div><div><div><div></div><div></div></div></div><div>Matting</div></div></div></div></div></div> | <div><div><div><div><div><div></div><div></div></div></div><div>100 Year Floodplain</div></div><div><div><div><div><div><div></div><div></div></div></div><div>Delineated Wetlands</div></div><div><div><div><div><div><div></div><div></div></div></div><div>Delineated Waters of the US</div></div><div><div><div><div><div><div></div><div></div></div></div><div>Maryland DNR Wetlands</div></div><div><div><div><div><div><div></div><div></div></div></div><div>Wetland Buffer*</div></div></div></div></div></div></div></div></div></div></div></div> | <div><div><div><div><div><div></div><div></div></div></div><div>Tree Removal</div></div><div><div><div><div><div><div></div><div></div></div></div><div>Wall Trim</div></div><div><div><div><div><div><div></div><div></div></div></div><div>Linear Trim</div></div><div><div><div><div><div><div></div><div></div></div></div><div>Selected Tree Clearing</div></div></div></div></div></div></div></div></div></div> | <div><div><div><div><div><div></div><div></div></div></div><div>*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.</div></div></div></div> | <div><div><div><div><div><div></div><div></div></div></div><div>Data Sources</div></div><div><div><div><div><div><div></div><div></div></div></div><div>Floodplain: FEMA NFHL, 2015</div></div><div><div><div><div><div><div></div><div></div></div></div><div>MD DNR Wetlands: MD DNR, 1993</div></div><div><div><div><div><div><div></div><div></div></div></div><div>Aerial Imagery: ESRI Worldwide Imagery Layer, 2015</div></div></div></div></div></div></div></div></div></div> | <div><div><div><div><div><div></div><div></div></div></div><div>North Arrow</div></div><div><div><div><div><div><div></div><div></div></div></div><div>1 inch = 100 feet</div></div><div><div><div><div><div><div></div><div></div></div></div><div>0 50 100 Feet</div></div></div></div></div></div></div></div> | <div><div><div><div><div><div></div><div></div></div></div><div>Pepco Holdings Inc</div></div><div><div><div><div><div><div></div><div></div></div></div><div>Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)</div></div><div><div><div><div><div><div></div><div></div></div></div><div>Project Plan</div></div><div><div><div><div><div><div></div><div></div></div></div><div>Page 85 of 90</div></div><div><div><div><div><div><div></div><div></div></div></div><div>May 2015</div></div></div></div></div></div></div></div></div></div></div></div> |
|---|---|---|--|--|--|---|---|



| | | | | | | | |
|--|--|--|---|---|---|--|--|
| <p>100 ● New Structure</p> <p>100 ● Existing Structure</p> <p>PHI Right of Way</p> <p>Proposed 138kV Line</p> <p>Existing 230kV Line</p> <p>Major Contour</p> <p>Engineered Edge of Right of Way</p> | <p>Limit of Disturbance</p> <p>Matting</p> | <p>100 Year Floodplain</p> <p>Delineated Wetlands</p> <p>Delineated Waters of the US</p> <p>Maryland DNR Wetlands</p> <p>Wetland Buffer*</p> | <p>Tree Removal</p> <p>Wall Trim</p> <p>Linear Trim</p> <p>Selected Tree Clearing</p> | <p>*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.</p> | <p>Data Sources</p> <p>Floodplain: FEMA NFHL, 2015</p> <p>MD DNR Wetlands: MD DNR, 1993</p> <p>Aerial Imagery: ESRI Worldwide Imagery Layer, 2015</p> | <p>North Arrow</p> <p>1 inch = 100 feet</p> <p>0 50 100 Feet</p> | <p>Pepco Holdings Inc</p> <p>Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)</p> <p>Project Plan</p> <p>Page 86 of 90</p> <p>May 2015</p> |
|--|--|--|---|---|---|--|--|



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

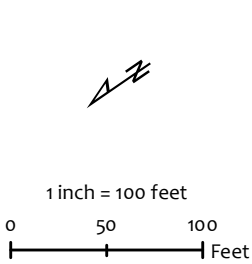
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

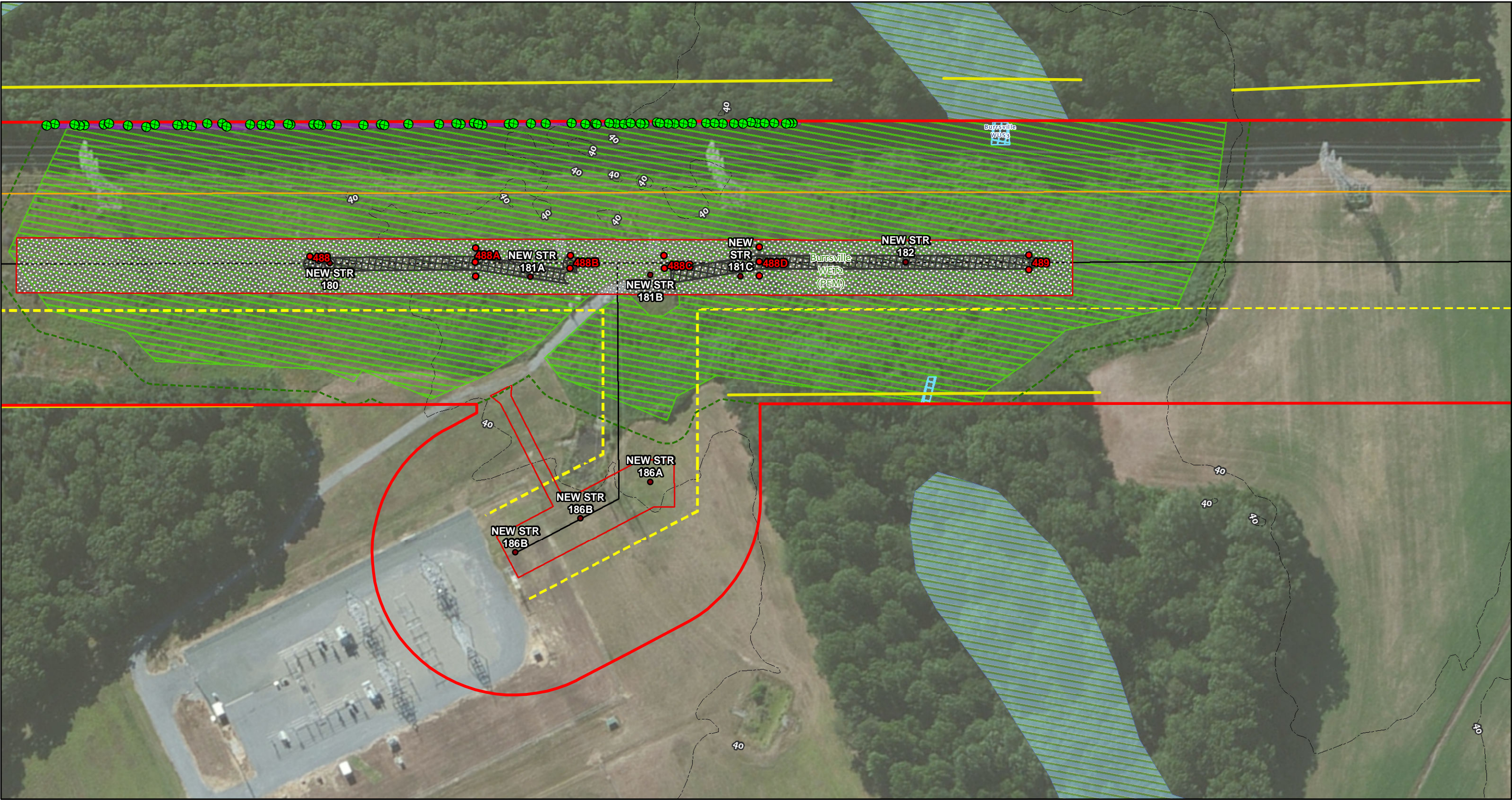


Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

Project Plan

Page 87 of 90

May 2015



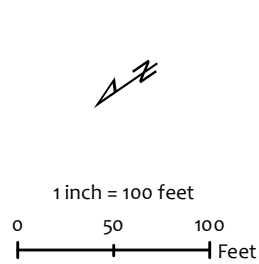
- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

- Limit of Disturbance
- Matting
- Extension of Permanent Access Road

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree
- *As shown all delineated non-tidal wetlands have a 100-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015

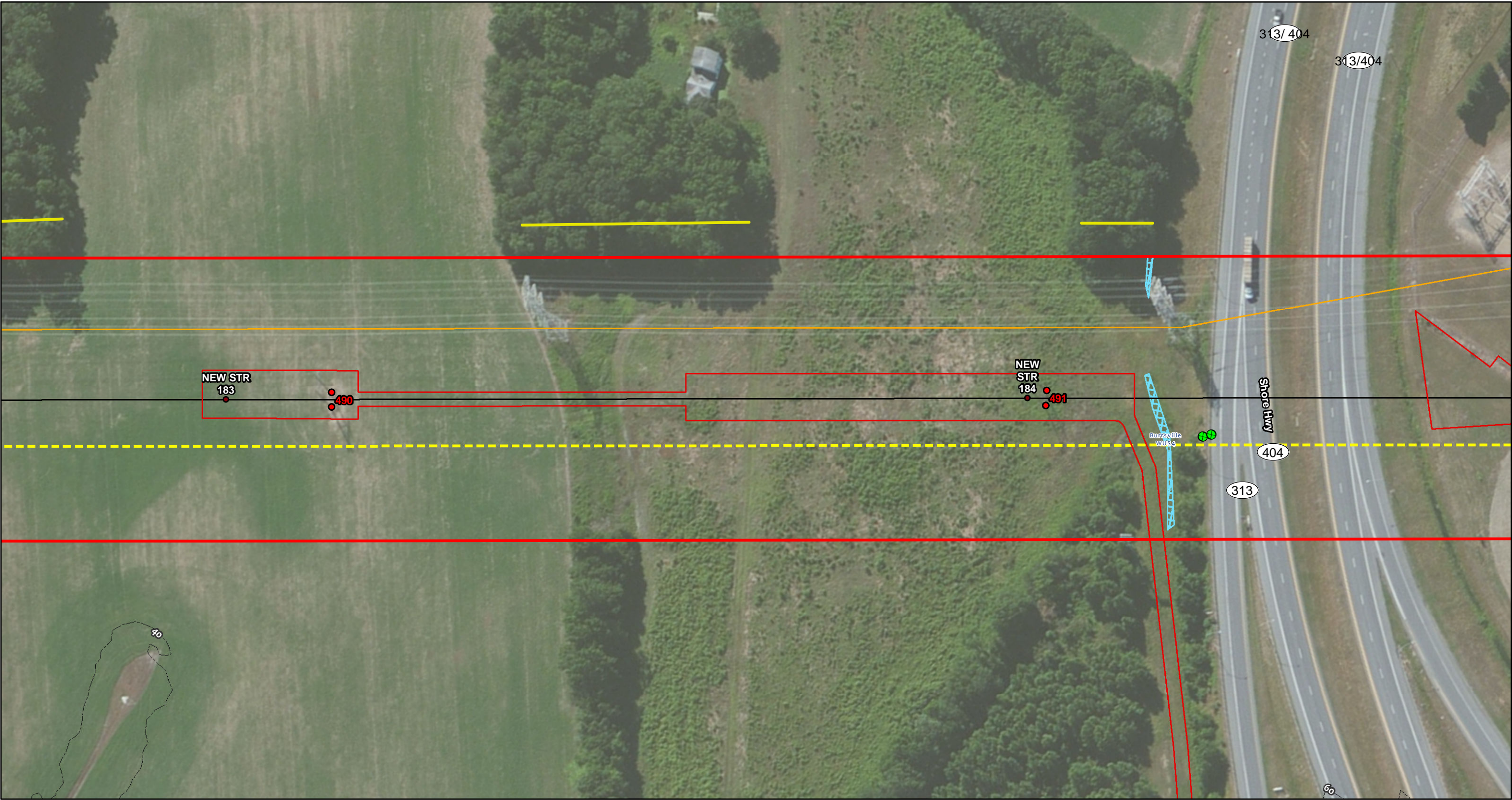


Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

Project Plan

Page 88 of 90

May 2015



| | | | | | | |
|--|--|--|---|---|---|---|
| <p>100 ● New Structure</p> <p>100 ● Existing Structure</p> <p>PHI Right of Way</p> <p>Proposed 138kV Line</p> <p>Existing 230kV Line</p> <p>Major Contour</p> <p>Engineered Edge of Right of Way</p> | <p>Limit of Disturbance</p> <p>Matting</p> | <p>100 Year Floodplain</p> <p>Delineated Wetlands</p> <p>Delineated Waters of the US</p> <p>Maryland DNR Wetlands</p> <p>Wetland Buffer*</p> | <p>Tree Removal</p> <p>Wall Trim</p> <p>Linear Trim</p> <p>Selected Tree Clearing</p> | <p>Data Sources</p> <p>Floodplain: FEMA NFHL, 2015</p> <p>MD DNR Wetlands: MD DNR, 1993</p> <p>Aerial Imagery: ESRI Worldwide Imagery Layer, 2015</p> <p>*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.</p> | <p>1 inch = 100 feet</p> <p>0 50 100 Feet</p> | <p></p> <p>Church to Steele 138kV Transmission Line Rebuild (Circuit 13701)</p> <p>Project Plan</p> <p>Page 89 of 90</p> <p>May 2015</p> |
|--|--|--|---|---|---|---|



- 100 ● New Structure
- 100 ● Existing Structure
- PHI Right of Way
- Proposed 138kV Line
- Existing 230kV Line
- Major Contour
- Engineered Edge of Right of Way

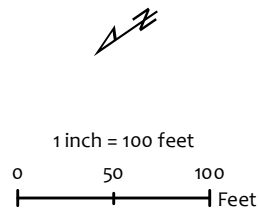
- Limit of Disturbance
- Matting

- 100 Year Floodplain
- Delineated Wetlands
- Delineated Waters of the US
- Maryland DNR Wetlands
- Wetland Buffer*

- Tree Removal
- Wall Trim
- Linear Trim
- Selected Tree Clearing

*As shown all delineated non-tidal wetlands have a 25-foot wetland buffer. WSSCs have an expanded 100-foot wetland Buffer.

Data Sources
Floodplain: FEMA NFHL, 2015
MD DNR Wetlands: MD DNR, 1993
Aerial Imagery: ESRI Worldwide Imagery Layer, 2015



Church to Steele 138kV Transmission Line
Rebuild (Circuit 13701)

Project Plan

Page 90 of 90

May 2015