



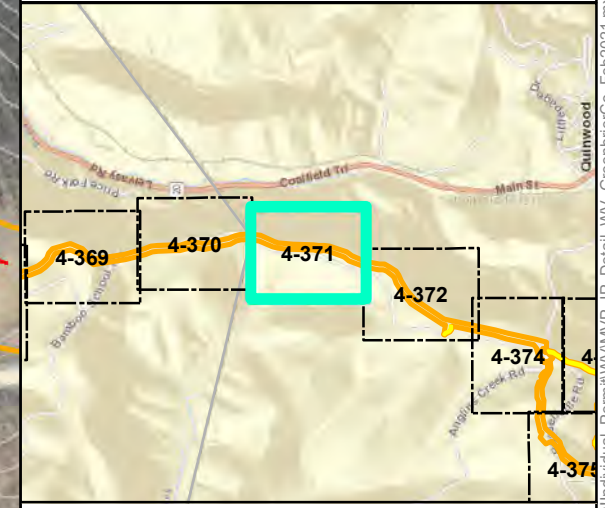
**Legend**

○ Milepost	Stream
- - - Alignment Centerline	- - - Intermittent
□ Access Road Temporary LOD	- · - · - Perennial
□ Access Road Permanent LOD	— Ephemeral
□ Permanent Facility	▨ Pond
□ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
▬ Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

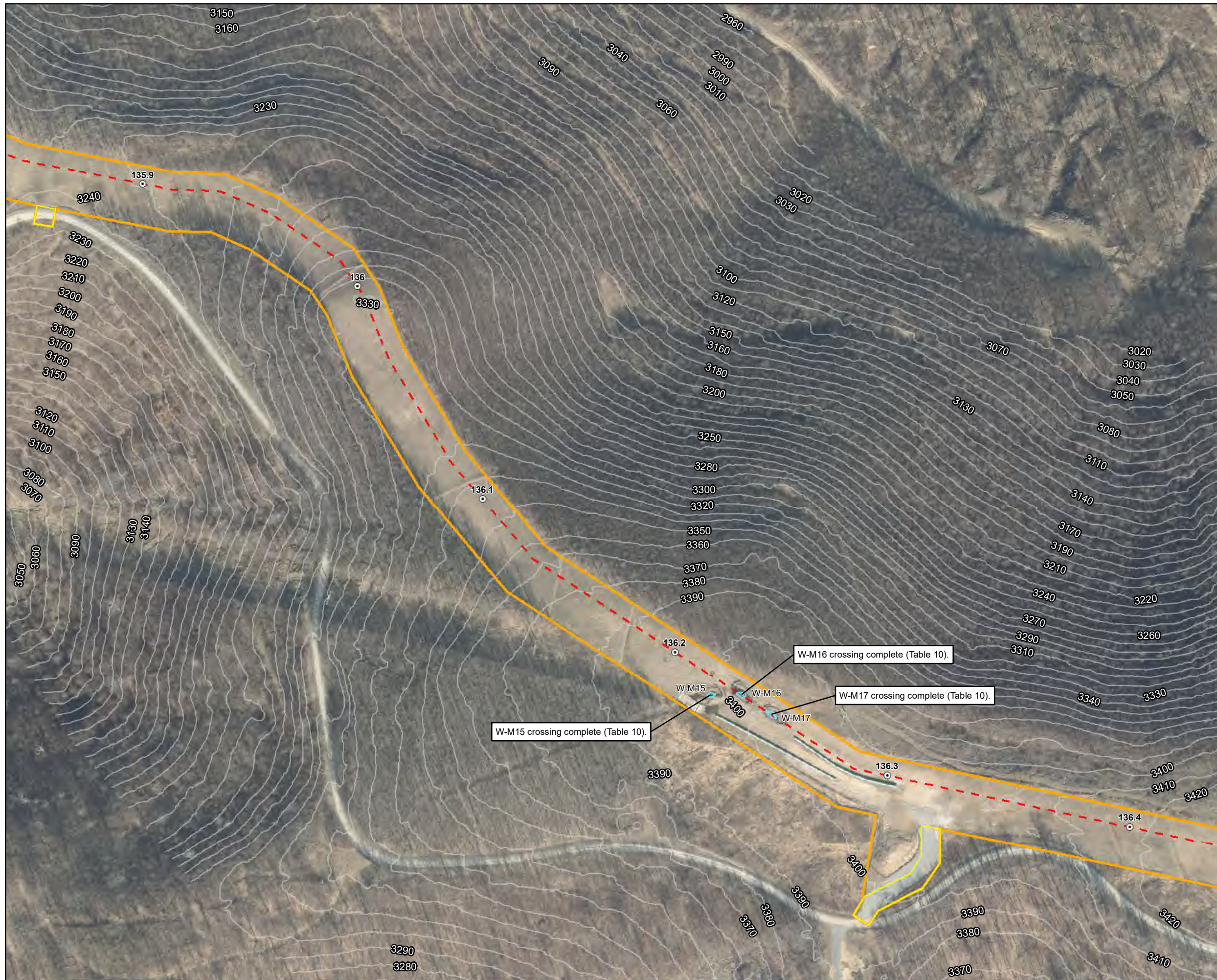
Figure 4-371  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

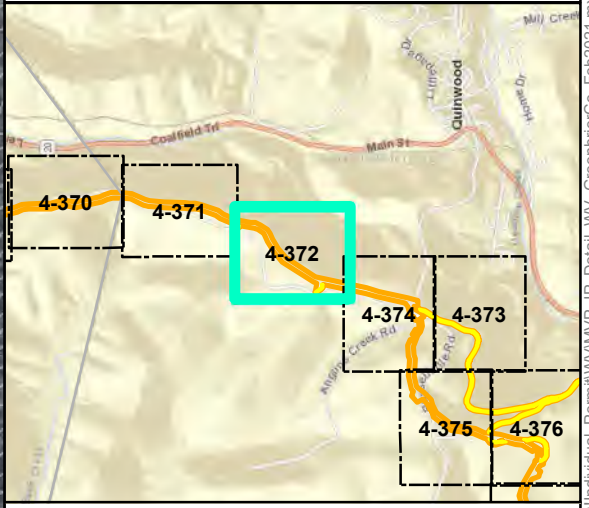
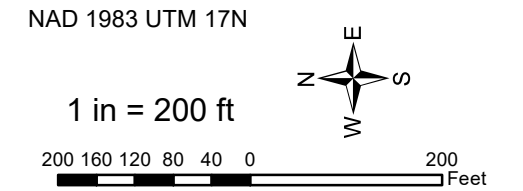
Document Path: P:\GIS\0101s2\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_GreenbrierCO\_Feb2021.mxd





- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
  - Intermittent
  - Perennial
  - Ephemeral
  - ▨ Pond
  - Wetland
    - ▨ Palustrine Forested
    - ▨ Palustrine Emergent
    - ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-372  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

Document Path: P:\GIS\010152\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\_MVP\_Detail\_WV\_GreenbrierCo\_Feb2021.mxd

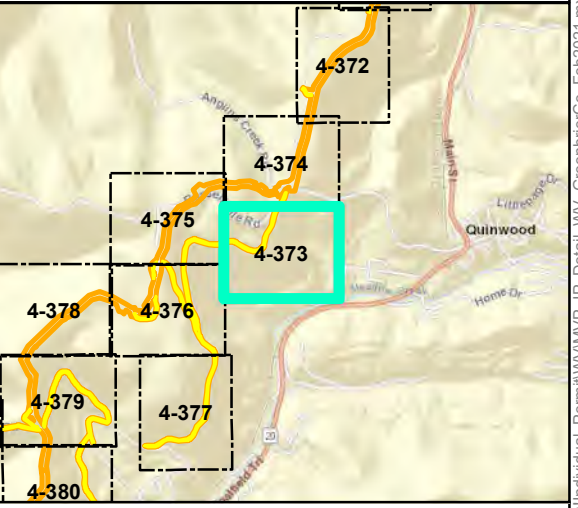
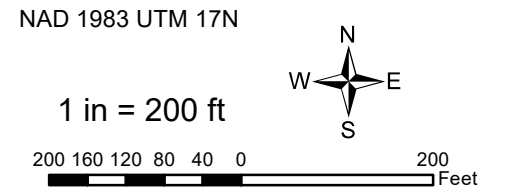




**Legend**

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert
- Stream
- Intermittent
- Perennial
- Ephemeral
- ▨ Pond
- ▨ Wetland
- ▨ Palustrine Forested
- ▨ Palustrine Emergent
- ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-373  
Greenbrier County, West Virginia

February 2021

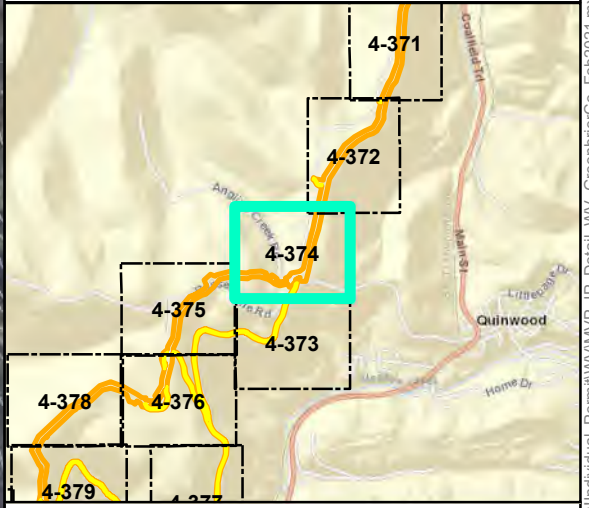
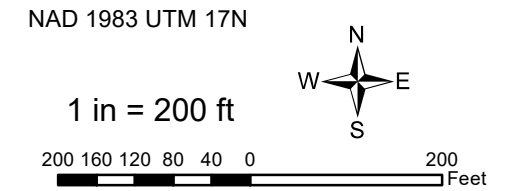
Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - ▬ Culvert
  - Stream
  - Intermittent
  - Perennial
  - Ephemeral
  - ▨ Pond
  - Wetland
    - ▨ Palustrine Forested
    - ▨ Palustrine Emergent
    - ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-374  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

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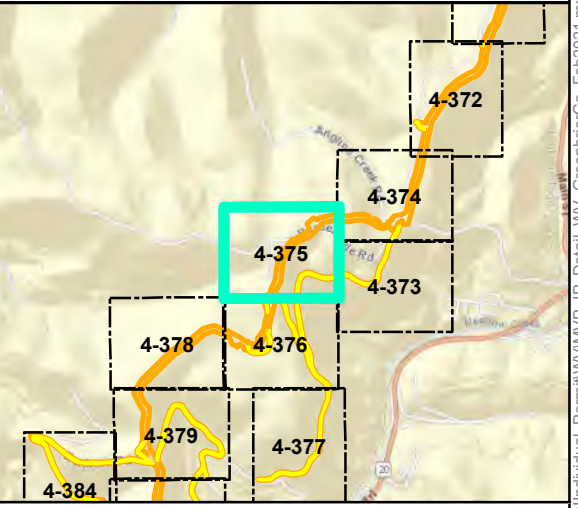
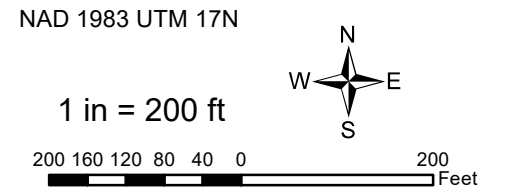




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| □ Access Road Temporary LOD | - · - · - Perennial      |
| □ Access Road Permanent LOD | — Ephemeral              |
| □ Permanent Facility        | ▨ Pond                   |
| ▭ Limit of Disturbance      | Wetland                  |
| ■ Bore Pit                  | ▨ Palustrine Forested    |
| — Culvert                   | ▨ Palustrine Emergent    |
|                             | ▨ Palustrine Scrub-Shrub |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-375  
Greenbrier County, West Virginia  
February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

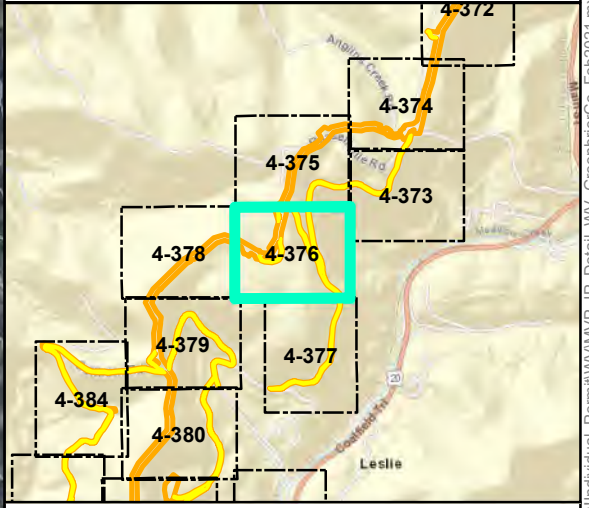
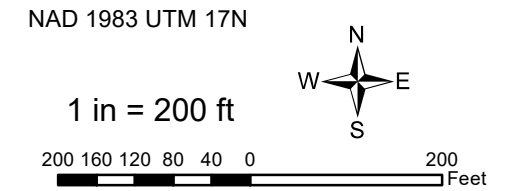
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- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
    - Intermittent
    - Perennial
    - Ephemeral
  - ▨ Pond
  - Wetland
    - ▨ Palustrine Forested
    - ▨ Palustrine Emergent
    - ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-376  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

Document Path: P:\GIS\010152\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd

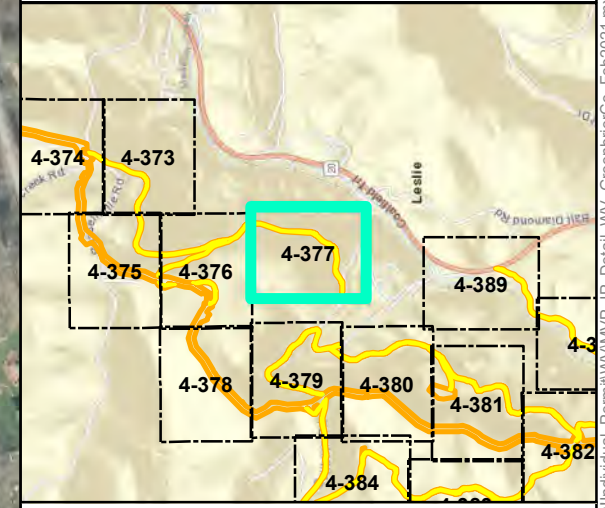
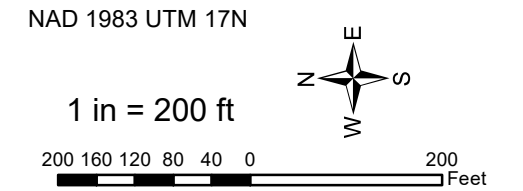




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ⊙ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| ▭ Access Road Temporary LOD | - · - · - Perennial      |
| ▭ Access Road Permanent LOD | — Ephemeral              |
| ▭ Permanent Facility        | ▨ Pond                   |
| ▭ Limit of Disturbance      | ▨ Wetland                |
| ▭ Bore Pit                  | ▨ Palustrine Forested    |
| ▭ Culvert                   | ▨ Palustrine Emergent    |
|                             | ▨ Palustrine Scrub-Shrub |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-377  
Greenbrier County, West Virginia  
February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

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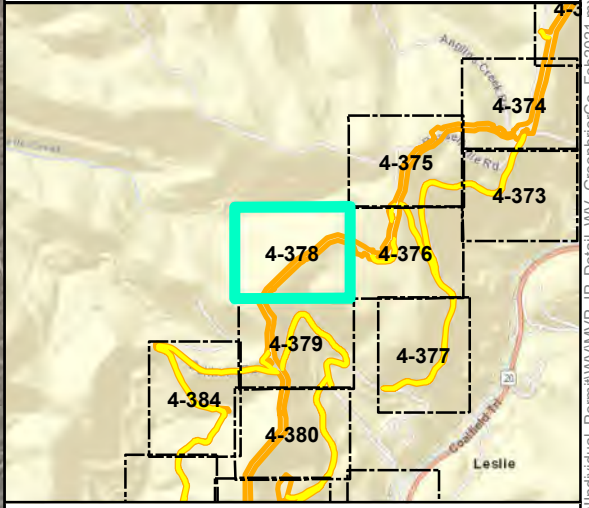
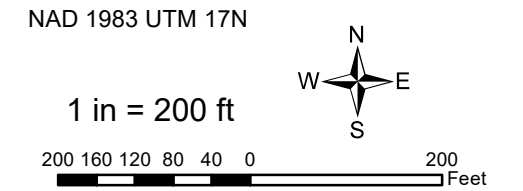




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| □ Access Road Temporary LOD | - · - · - Perennial      |
| □ Access Road Permanent LOD | — Ephemeral              |
| □ Permanent Facility        | ▨ Pond                   |
| □ Limit of Disturbance      | Wetland                  |
| ■ Bore Pit                  | ▨ Palustrine Forested    |
| — Culvert                   | ▨ Palustrine Emergent    |
|                             | ▨ Palustrine Scrub-Shrub |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-378  
Greenbrier County, West Virginia  
February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

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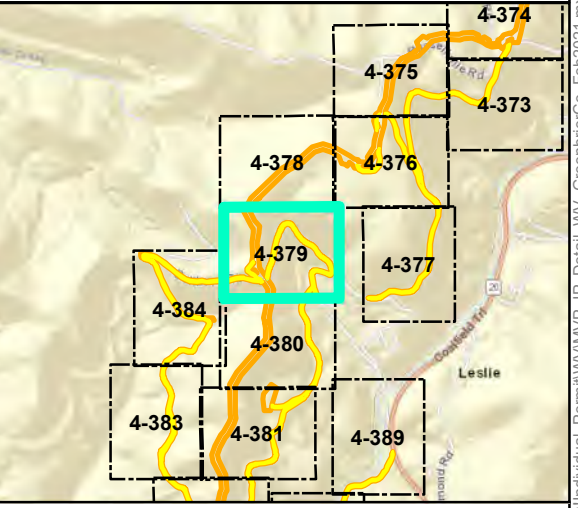
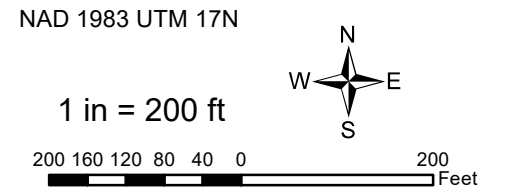




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| □ Access Road Temporary LOD | - · - · - Perennial      |
| □ Access Road Permanent LOD | — Ephemeral              |
| □ Permanent Facility        | ▨ Pond                   |
| ▭ Limit of Disturbance      | Wetland                  |
| ■ Bore Pit                  | ▨ Palustrine Forested    |
| — Culvert                   | ▨ Palustrine Emergent    |
|                             | ▨ Palustrine Scrub-Shrub |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-379  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

Continued on Page 388

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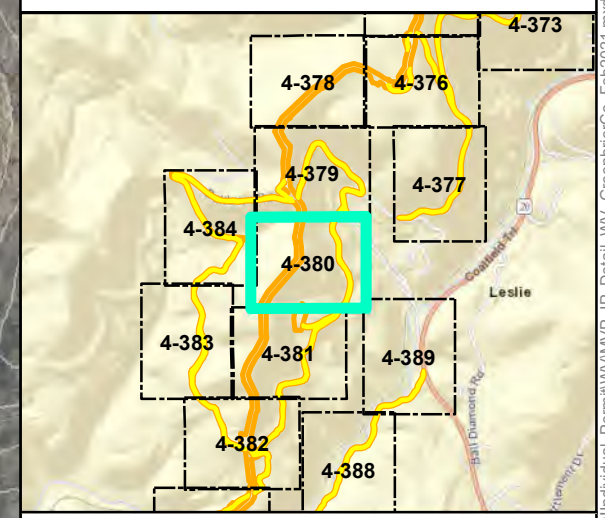
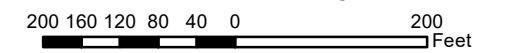
**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| □ Access Road Temporary LOD | - · - · - Perennial      |
| □ Access Road Permanent LOD | — Ephemeral              |
| □ Permanent Facility        | ▨ Pond                   |
| ▭ Limit of Disturbance      | Wetland                  |
| ■ Bore Pit                  | ▨ Palustrine Forested    |
| — Culvert                   | ▨ Palustrine Emergent    |
|                             | ▨ Palustrine Scrub-Shrub |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-380  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

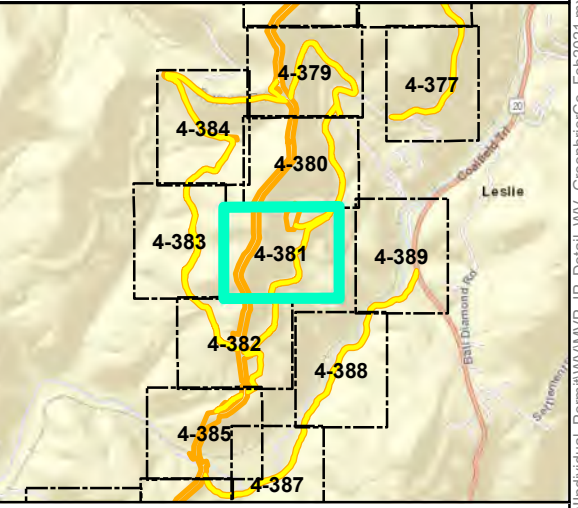
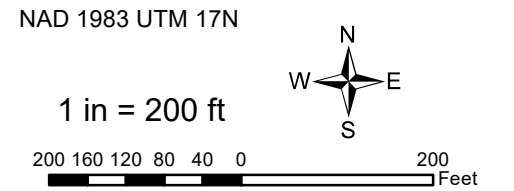
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- Legend**
- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| □ Access Road Temporary LOD | - · - · - Perennial      |
| □ Access Road Permanent LOD | — Ephemeral              |
| □ Permanent Facility        | ▨ Pond                   |
| ▭ Limit of Disturbance      | Wetland                  |
| ■ Bore Pit                  | ▨ Palustrine Forested    |
| — Culvert                   | ▨ Palustrine Emergent    |
|                             | ▨ Palustrine Scrub-Shrub |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-381  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

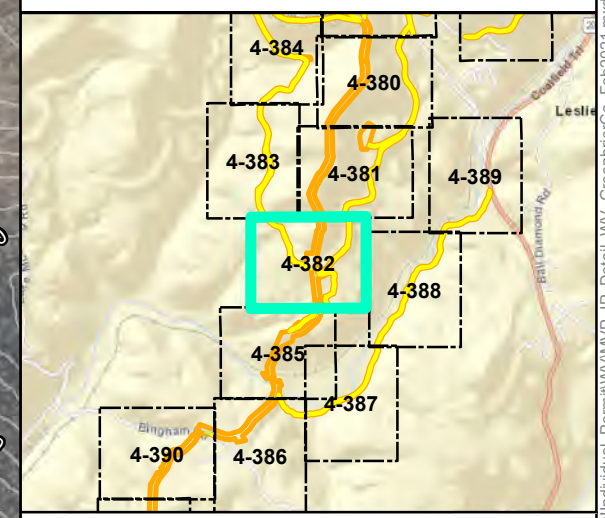
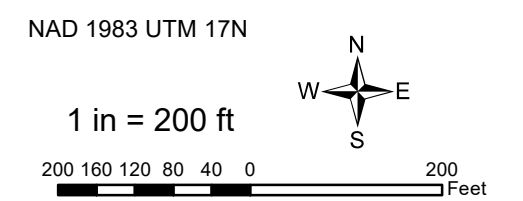
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- Legend**
- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| □ Access Road Temporary LOD | - · - · - Perennial      |
| □ Access Road Permanent LOD | — Ephemeral              |
| □ Permanent Facility        | ▨ Pond                   |
| □ Limit of Disturbance      | Wetland                  |
| ■ Bore Pit                  | ▨ Palustrine Forested    |
| ▬ Culvert                   | ▨ Palustrine Emergent    |
|                             | ▨ Palustrine Scrub-Shrub |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-382  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

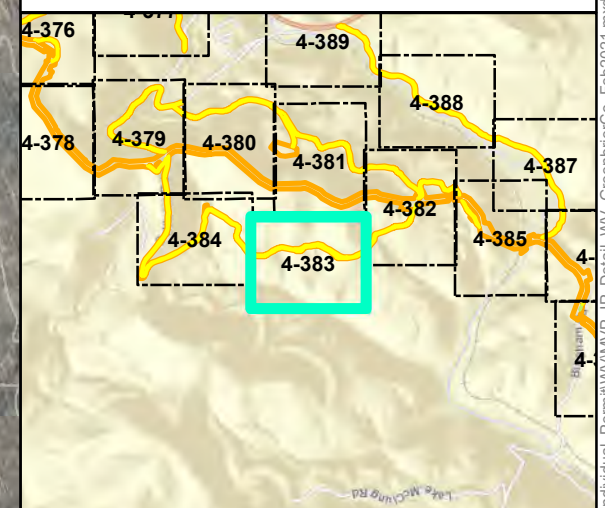
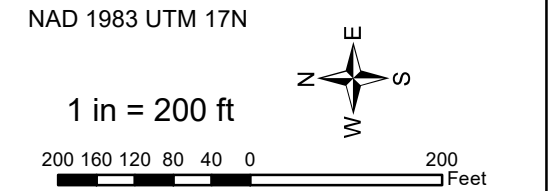
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- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
  - Intermittent
  - Perennial
  - Ephemeral
  - ▨ Pond
  - Wetland
    - ▨ Palustrine Forested
    - ▨ Palustrine Emergent
    - ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-383  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

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### Legend

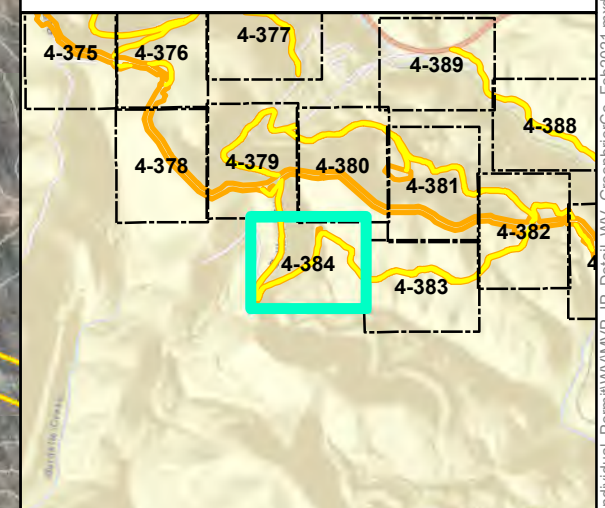
○ Milepost	Stream
- - - Alignment Centerline	- - - Intermittent
□ Access Road Temporary LOD	- · - · - Perennial
□ Access Road Permanent LOD	— Ephemeral
□ Permanent Facility	▨ Pond
▭ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
▬ Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



## Mountain Valley Pipeline Project

### Detail Map Individual Permit Application

Figure 4-384  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

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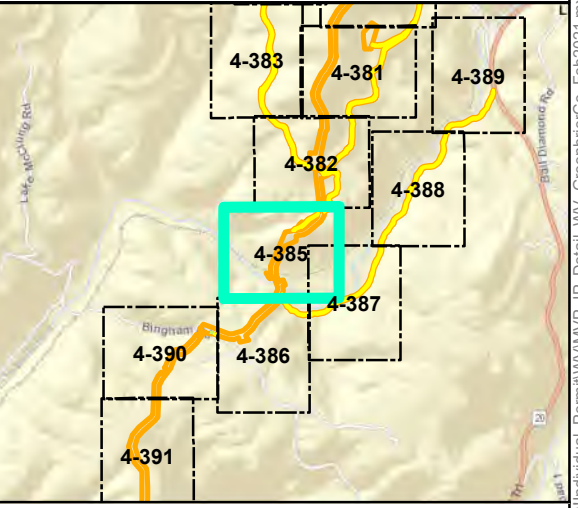
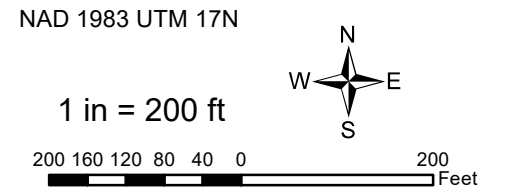




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| □ Access Road Temporary LOD | - · - · - Perennial      |
| □ Access Road Permanent LOD | — Ephemeral              |
| □ Permanent Facility        | ▨ Pond                   |
| ▭ Limit of Disturbance      | Wetland                  |
| ■ Bore Pit                  | ▨ Palustrine Forested    |
| — Culvert                   | ▨ Palustrine Emergent    |
|                             | ▨ Palustrine Scrub-Shrub |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

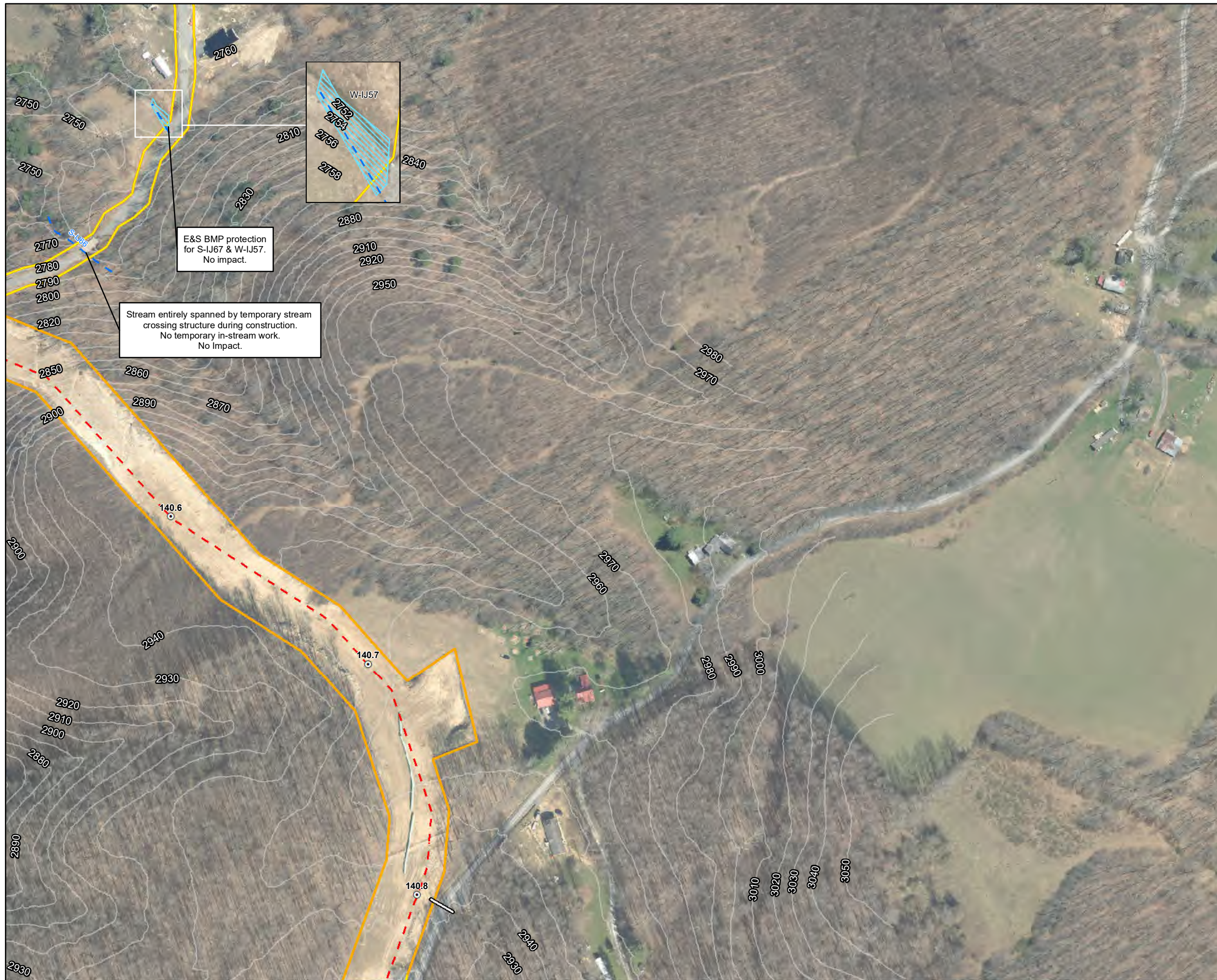
Figure 4-385  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

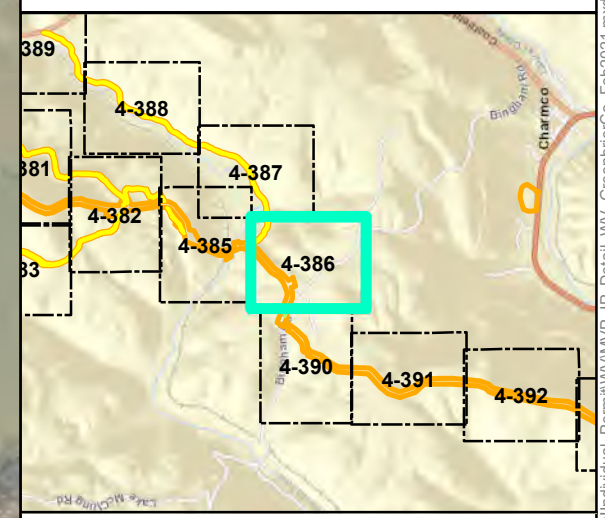
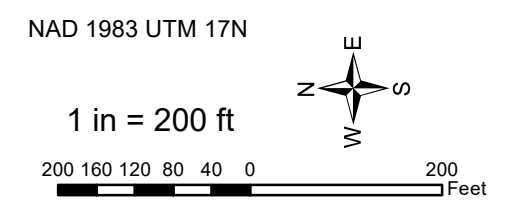
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- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
    - Intermittent
    - Perennial
    - Ephemeral
  - Pond
  - Wetland
    - Palustrine Forested
    - Palustrine Emergent
    - Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

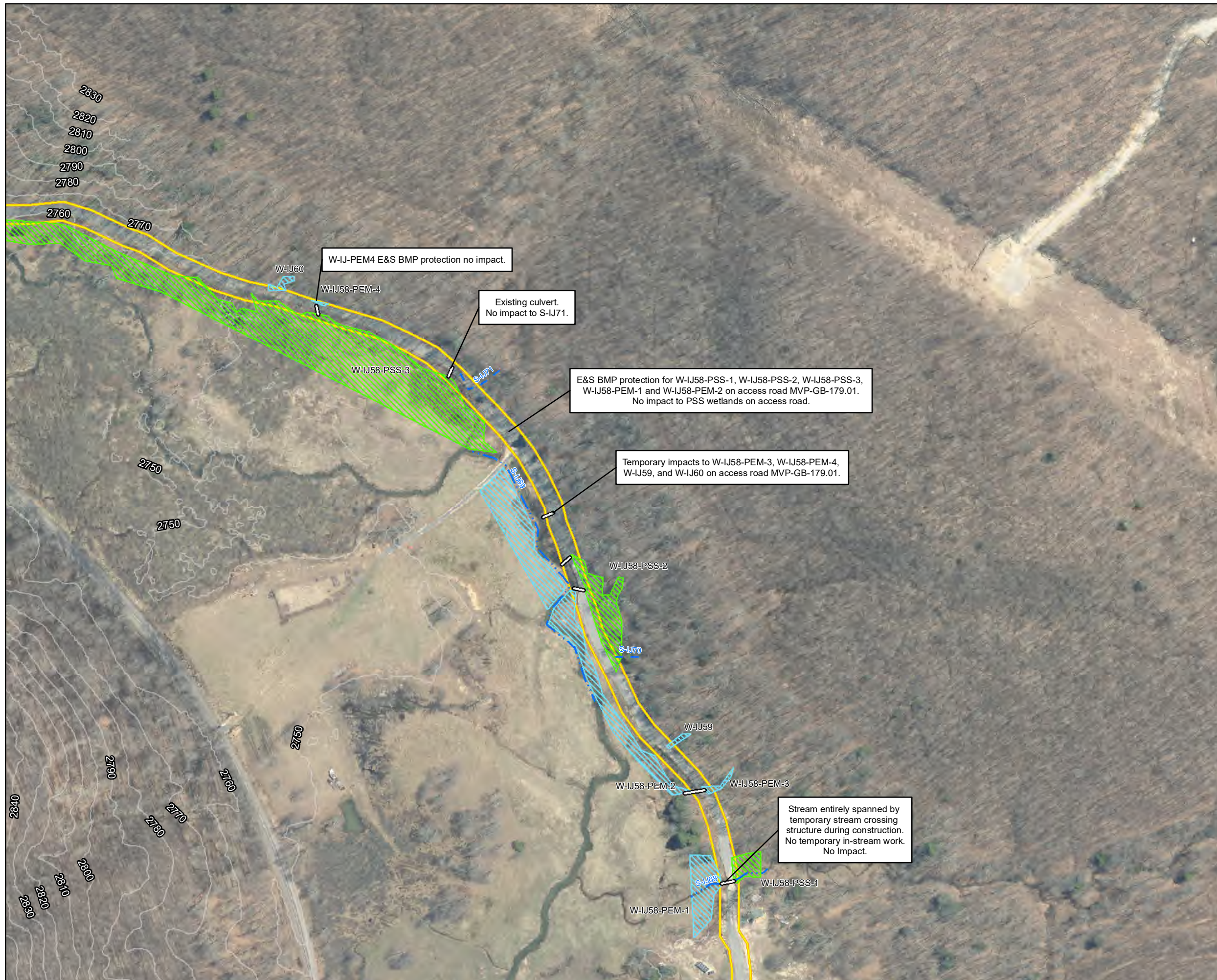
Figure 4-386  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

Document Path: P:\GIS\010152\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd

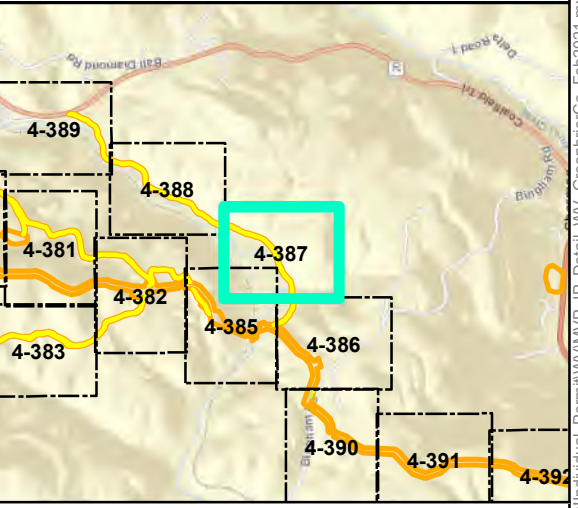
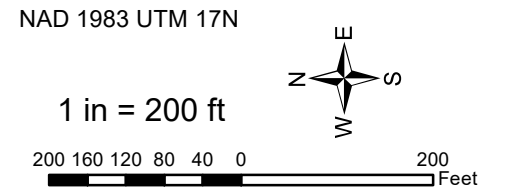




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ⊙ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| ▭ Access Road Temporary LOD | - · - · - Perennial      |
| ▭ Access Road Permanent LOD | — Ephemeral              |
| ▭ Permanent Facility        | ▨ Pond                   |
| ▭ Limit of Disturbance      | ▨ Wetland                |
| ▭ Bore Pit                  | ▨ Palustrine Forested    |
| ▭ Culvert                   | ▨ Palustrine Emergent    |
|                             | ▨ Palustrine Scrub-Shrub |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-387  
Greenbrier County, West Virginia  
February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

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Existing culvert.  
No impact to S-KL46.

Existing culvert.  
No impact to S-KL47.

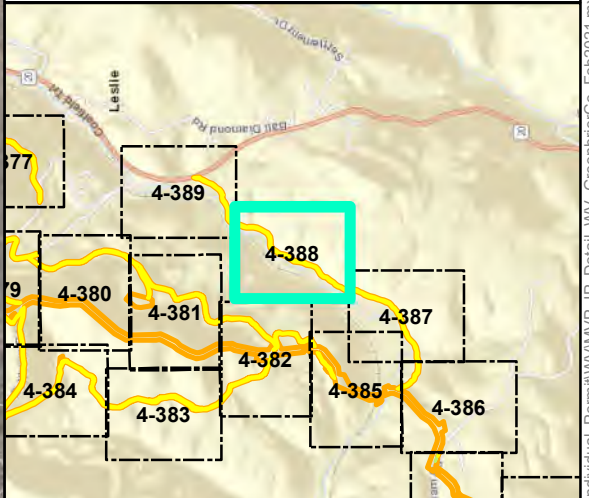
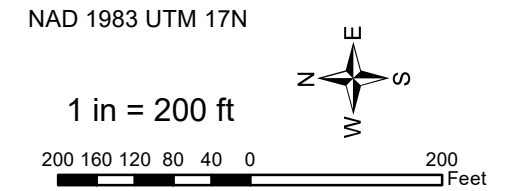
Temporary impacts to W-IJ61,  
and W-KL40 wetlands on  
access road MVP-GB-179.01.

W-IJ61 E&S BMP protection no impact.

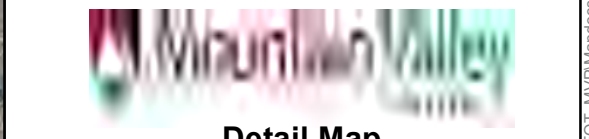
E&S BMP protection for W-IJ58-PEM-5,  
W-IJ58-PSS-3 and W-IJ58-PSS-4 on  
access road MVP-GB-179.01.  
No impact to PSS wetlands on access road.

- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream Intermittent
  - Stream Perennial
  - Stream Ephemeral
  - ▨ Pond
  - Wetland Palustrine Forested
  - ▨ Palustrine Emergent
  - ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-388  
Greenbrier County, West Virginia  
February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

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Stream entirely spanned by temporary stream crossing structure during construction. No temporary in-stream work. No Impact to S-KL45.

E&S BMP protection for W-KL36, W-KL37 & W-KL38. No impact.

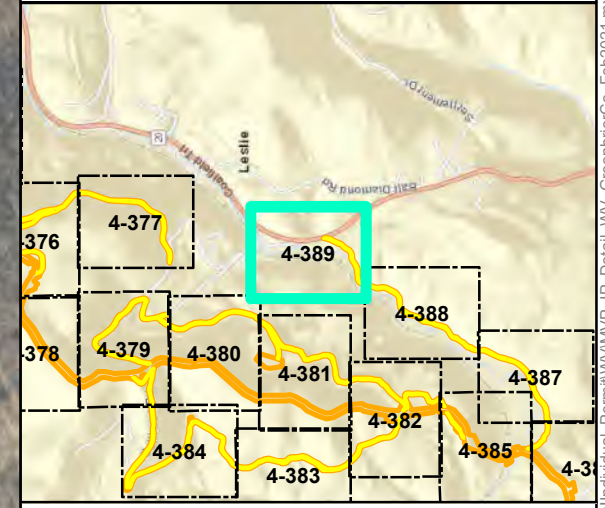
**Legend**

⊙ Milepost	Stream
- - - Alignment Centerline	- - - Intermittent
□ Access Road Temporary LOD	- · - · - Perennial
□ Access Road Permanent LOD	— Ephemeral
□ Permanent Facility	▨ Pond
□ Limit of Disturbance	Wetland
▨ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-389  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

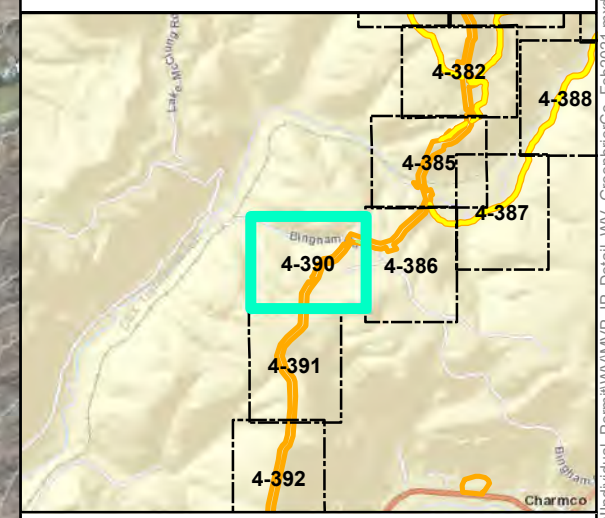
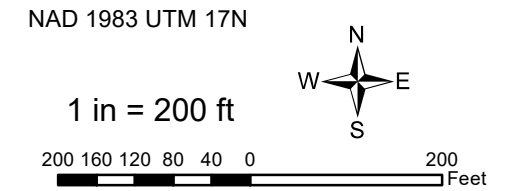
Document Path: P:\GIS\0101s2\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd





- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
  - Intermittent
  - Perennial
  - Ephemeral
  - ▨ Pond
  - Wetland
  - ▨ Palustrine Forested
  - ▨ Palustrine Emergent
  - ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-390  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

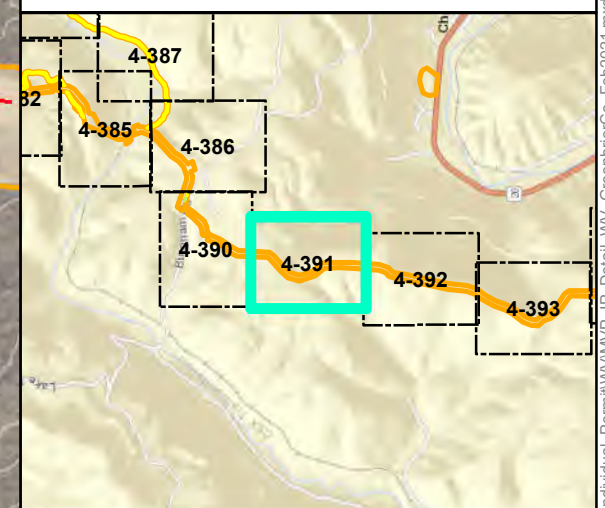
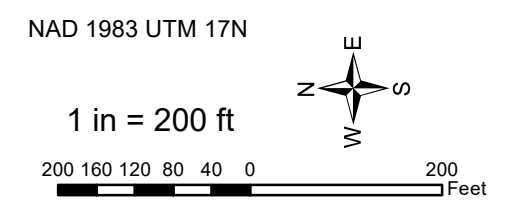
Document Path: P:\GIS\0101s2\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd





- Legend**
- Milepost
  - - - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
  - Intermittent
  - Perennial
  - Ephemeral
  - ▨ Pond
  - Wetland
    - ▨ Palustrine Forested
    - ▨ Palustrine Emergent
    - ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-391  
Greenbrier County, West Virginia  
February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

Document Path: P:\GIS\0101s2\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd





### Legend

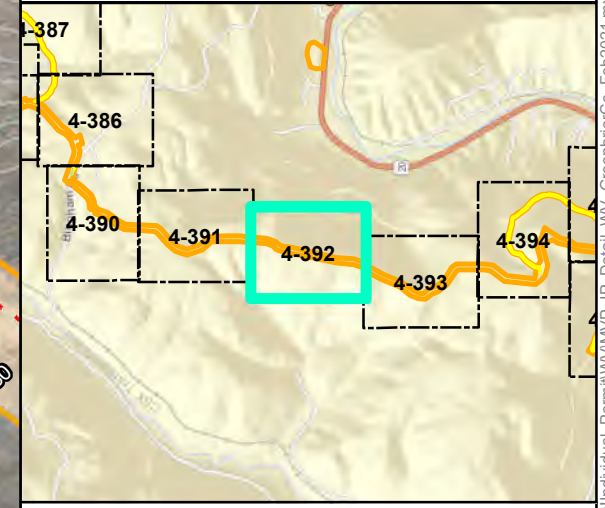
○ Milepost	Stream
- - - Alignment Centerline	- - - Intermittent
□ Access Road Temporary LOD	- · - · Perennial
□ Access Road Permanent LOD	— Ephemeral
□ Permanent Facility	▨ Pond
□ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



## Mountain Valley Pipeline Project

**Detail Map**  
**Individual Permit Application**

Figure 4-392  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

Document Path: P:\GIS\0101s2\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd

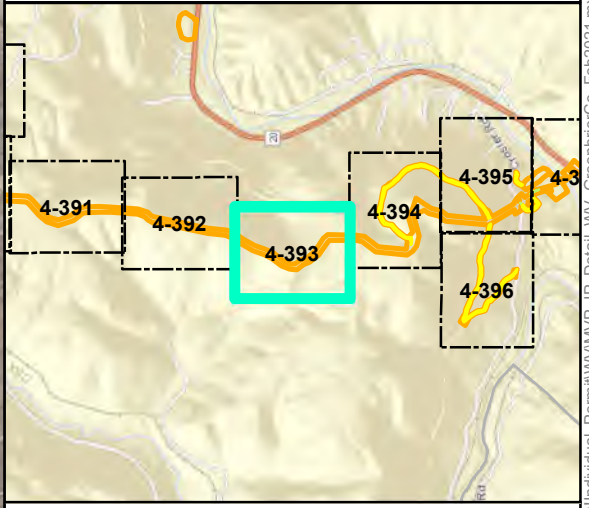
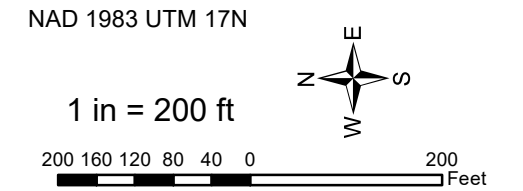




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| □ Access Road Temporary LOD | - · - · - Perennial      |
| □ Access Road Permanent LOD | — Ephemeral              |
| □ Permanent Facility        | ▨ Pond                   |
| □ Limit of Disturbance      | Wetland                  |
| ■ Bore Pit                  | ▨ Palustrine Forested    |
| ▬ Culvert                   | ▨ Palustrine Emergent    |
|                             | ▨ Palustrine Scrub-Shrub |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-393  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

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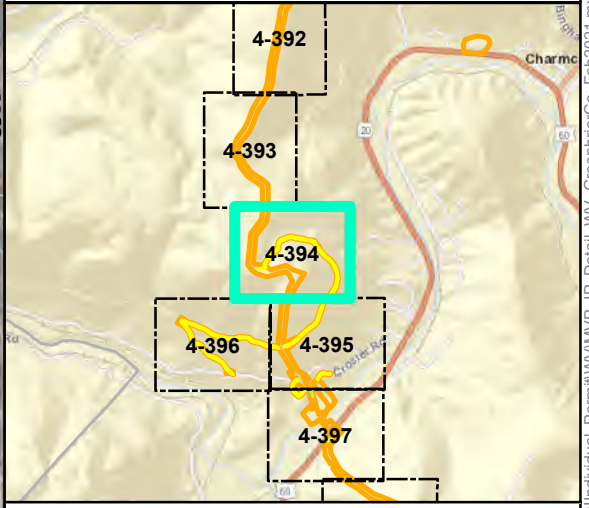
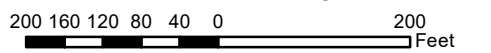
**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| □ Access Road Temporary LOD | - · - · - Perennial      |
| □ Access Road Permanent LOD | — Ephemeral              |
| □ Permanent Facility        | ▨ Pond                   |
| □ Limit of Disturbance      | Wetland                  |
| ■ Bore Pit                  | ▨ Palustrine Forested    |
| — Culvert                   | ▨ Palustrine Emergent    |
|                             | ▨ Palustrine Scrub-Shrub |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-394  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

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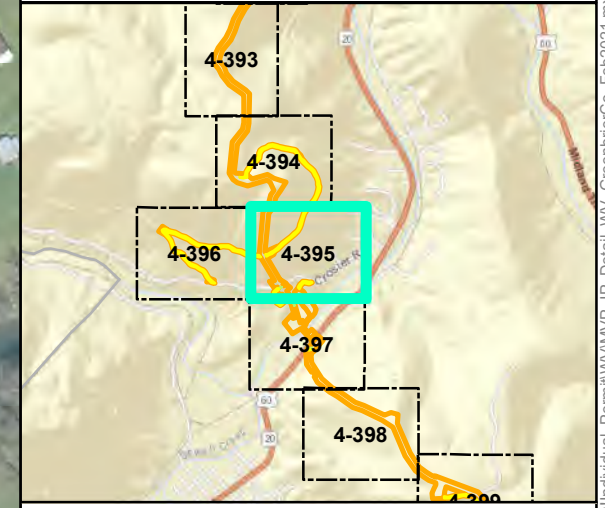
**Legend**

○ Milepost	Stream
- - - Alignment Centerline	- - - Intermittent
▭ Access Road Temporary LOD	- · - · - Perennial
▭ Access Road Permanent LOD	— Ephemeral
▭ Permanent Facility	▨ Pond
▭ Limit of Disturbance	▨ Wetland
▭ Bore Pit	▨ Palustrine Forested
▭ Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

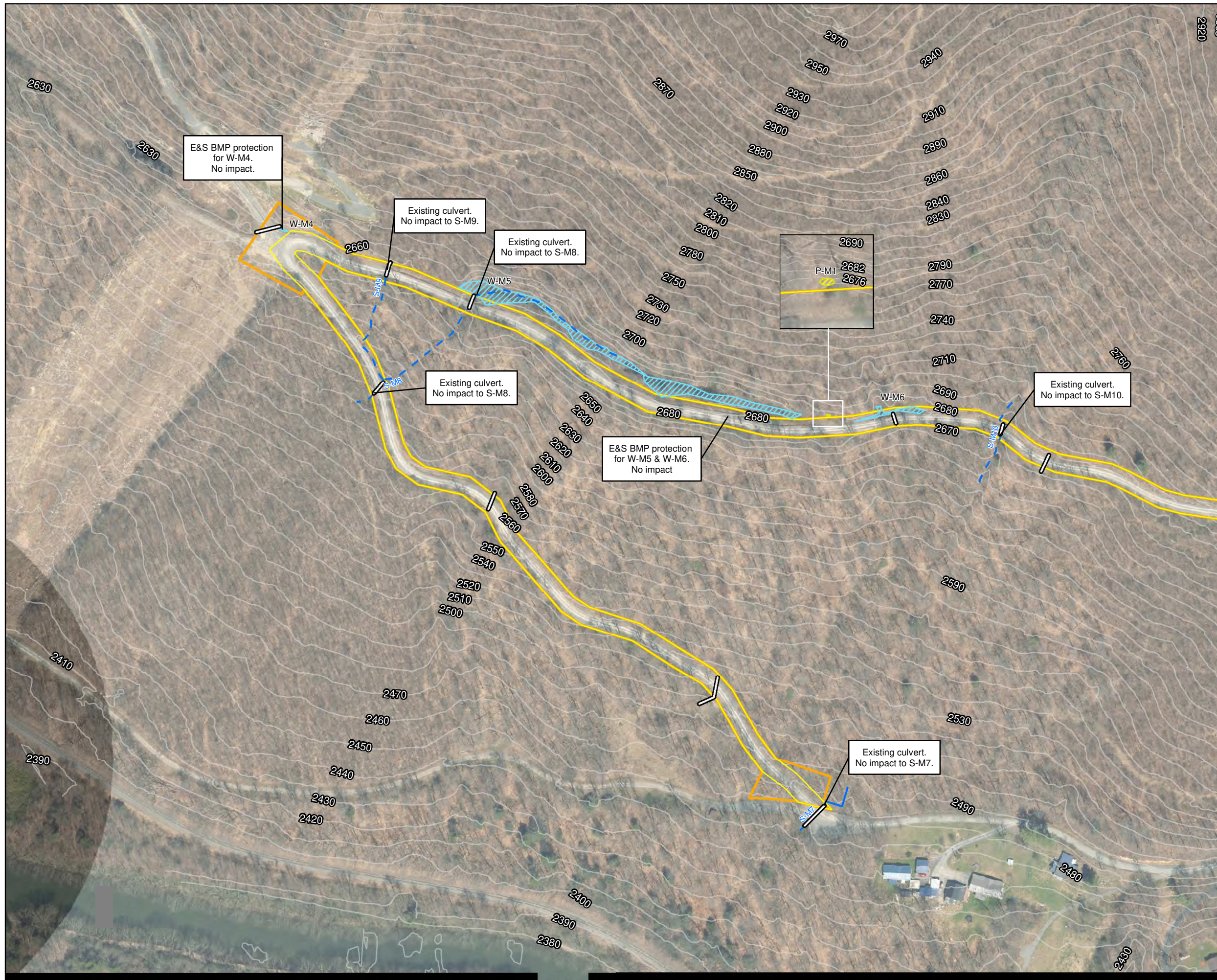
Figure 4-395  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

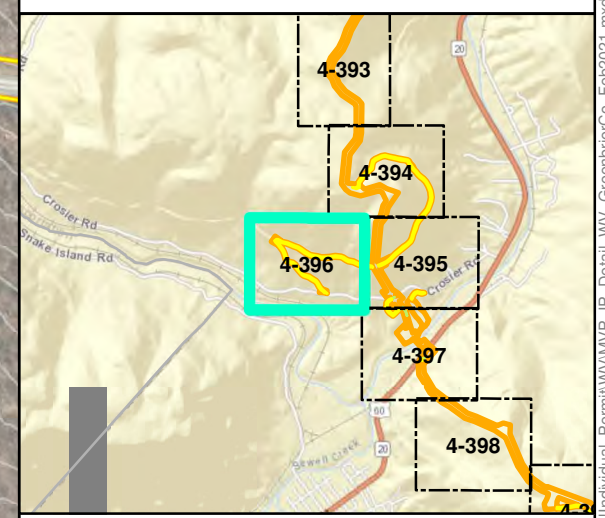
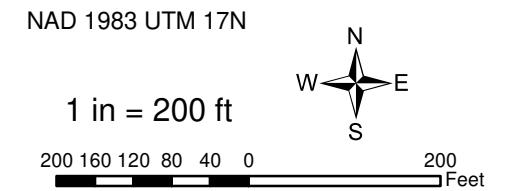
Document Path: P:\GIS\010152\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd





- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
  - Intermittent
  - Perennial
  - Ephemeral
  - ▨ Pond
  - ▨ Wetland
    - ▨ Palustrine Forested
    - ▨ Palustrine Emergent
    - ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



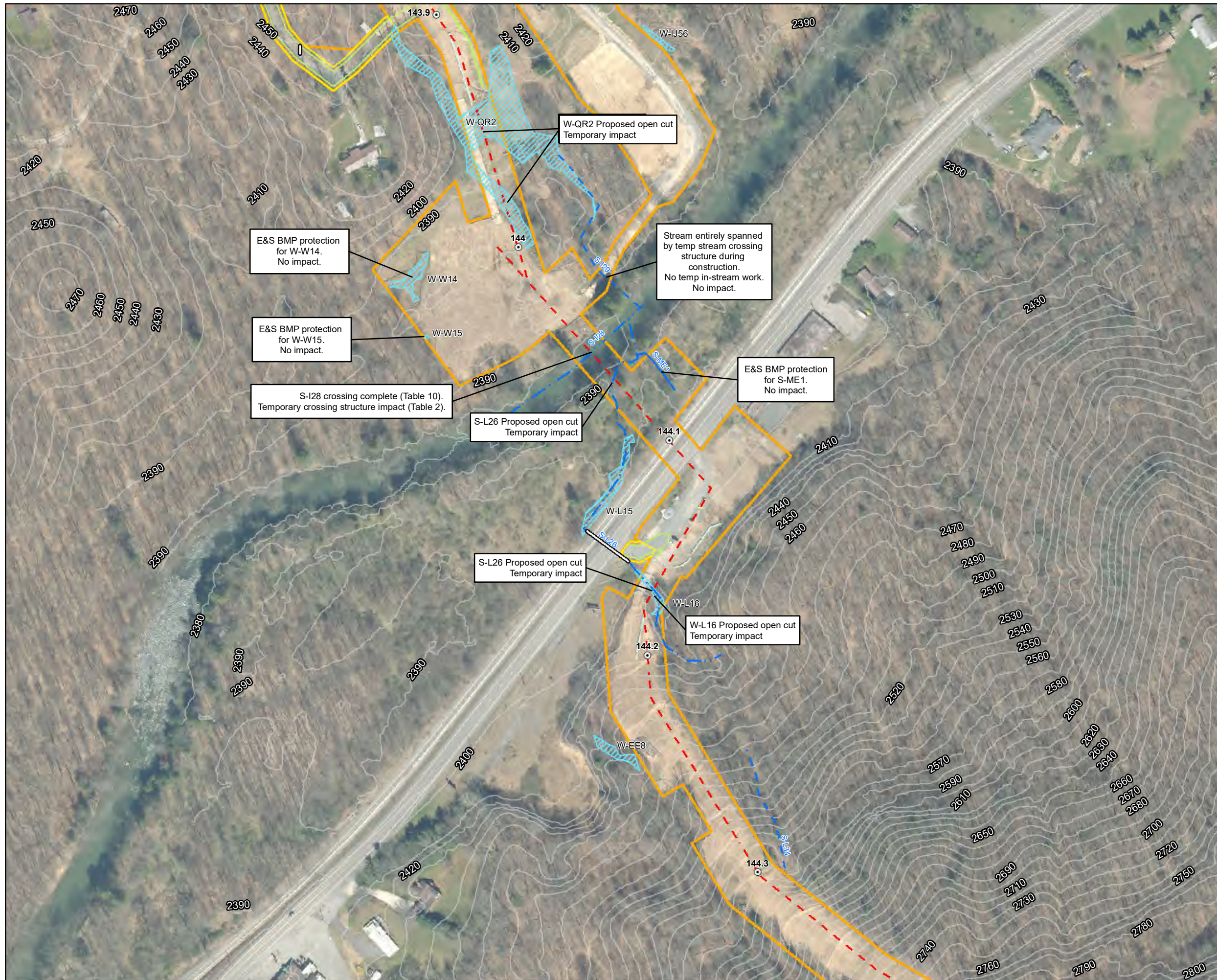
**Detail Map  
Individual Permit Application**

Figure 4-396  
Greenbrier County, West Virginia  
February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

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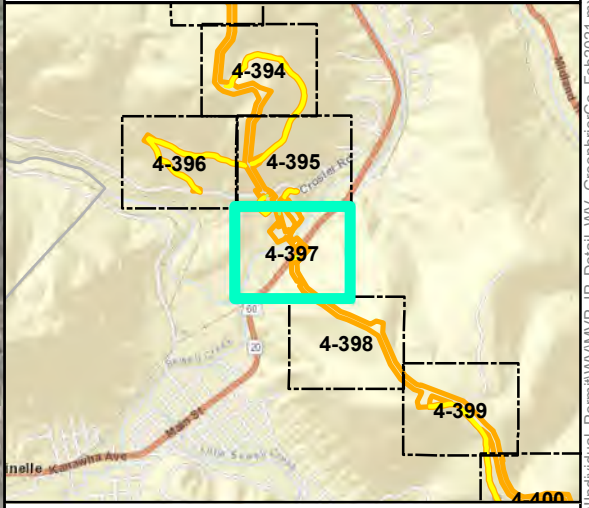




Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



## Mountain Valley Pipeline Project



### Detail Map Individual Permit Application

Figure 4-397  
Greenbrier County, West Virginia  
February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

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### Legend

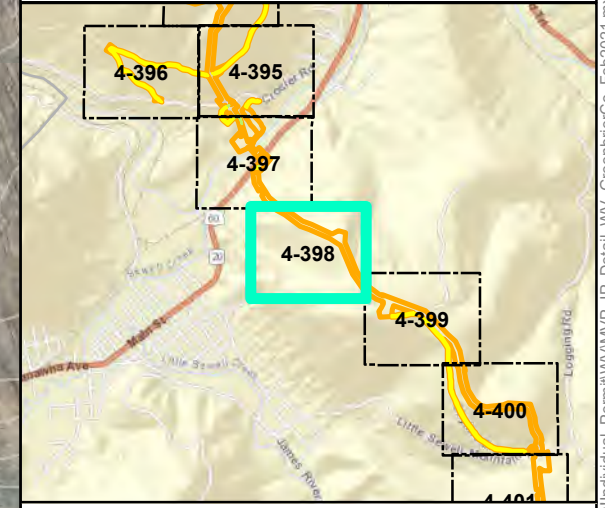
○ Milepost	Stream
- - - Alignment Centerline	- - - Intermittent
▭ Access Road Temporary LOD	- · - · - Perennial
▭ Access Road Permanent LOD	— Ephemeral
▭ Permanent Facility	▨ Pond
▭ Limit of Disturbance	Wetland
▭ Bore Pit	▨ Palustrine Forested
▭ Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



## Mountain Valley Pipeline Project

**Detail Map**  
**Individual Permit Application**

Figure 4-398  
*Greenbrier County, West Virginia*

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

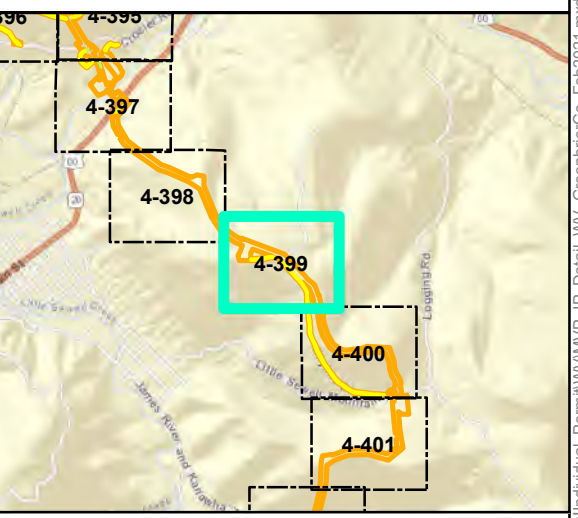
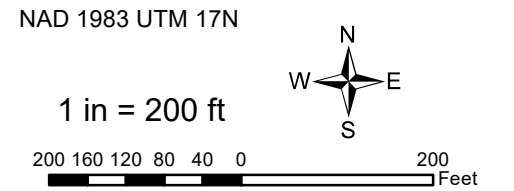
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- Legend**
- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| □ Access Road Temporary LOD | - · - · - Perennial      |
| □ Access Road Permanent LOD | — Ephemeral              |
| □ Permanent Facility        | ▨ Pond                   |
| □ Limit of Disturbance      | Wetland                  |
| ■ Bore Pit                  | ▨ Palustrine Forested    |
| — Culvert                   | ▨ Palustrine Emergent    |
|                             | ▨ Palustrine Scrub-Shrub |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-399  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

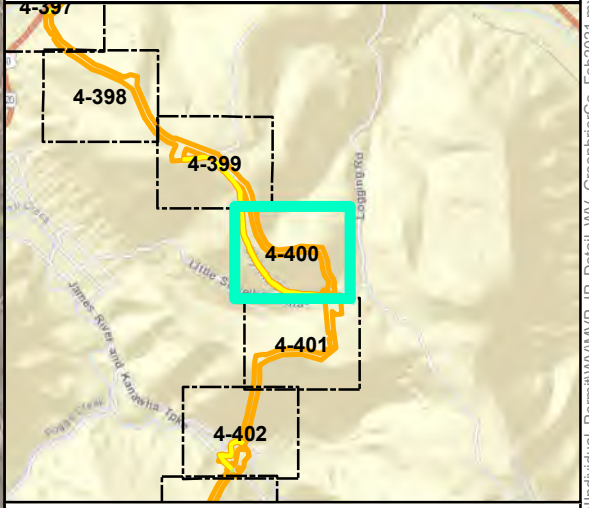
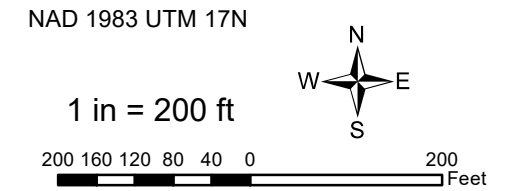
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- Legend**
- Milepost
  - - - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - ▬ Culvert
  - ▬ Stream
  - ▬ Intermittent
  - ▬ Perennial
  - ▬ Ephemeral
  - ▨ Pond
  - ▨ Wetland
  - ▨ Palustrine Forested
  - ▨ Palustrine Emergent
  - ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-400  
Greenbrier County, West Virginia  
February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

Document Path: P:\GIS\0101s2\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd





### Legend

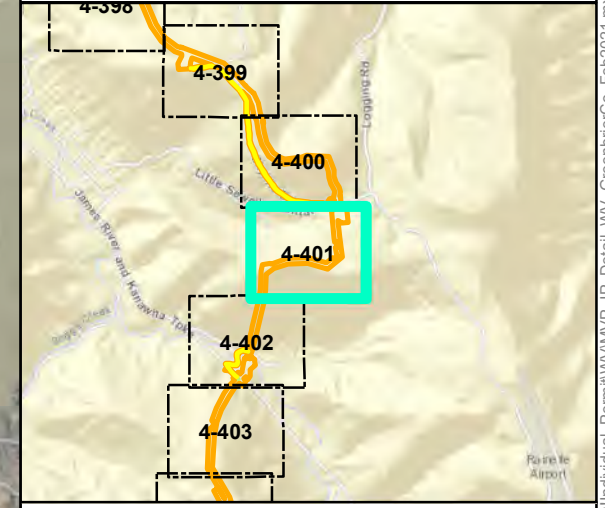
○ Milepost	Stream
- - - Alignment Centerline	- - - Intermittent
□ Access Road Temporary LOD	- · - · - Perennial
□ Access Road Permanent LOD	— Ephemeral
□ Permanent Facility	▨ Pond
□ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



## Mountain Valley Pipeline Project

**Detail Map**  
**Individual Permit Application**

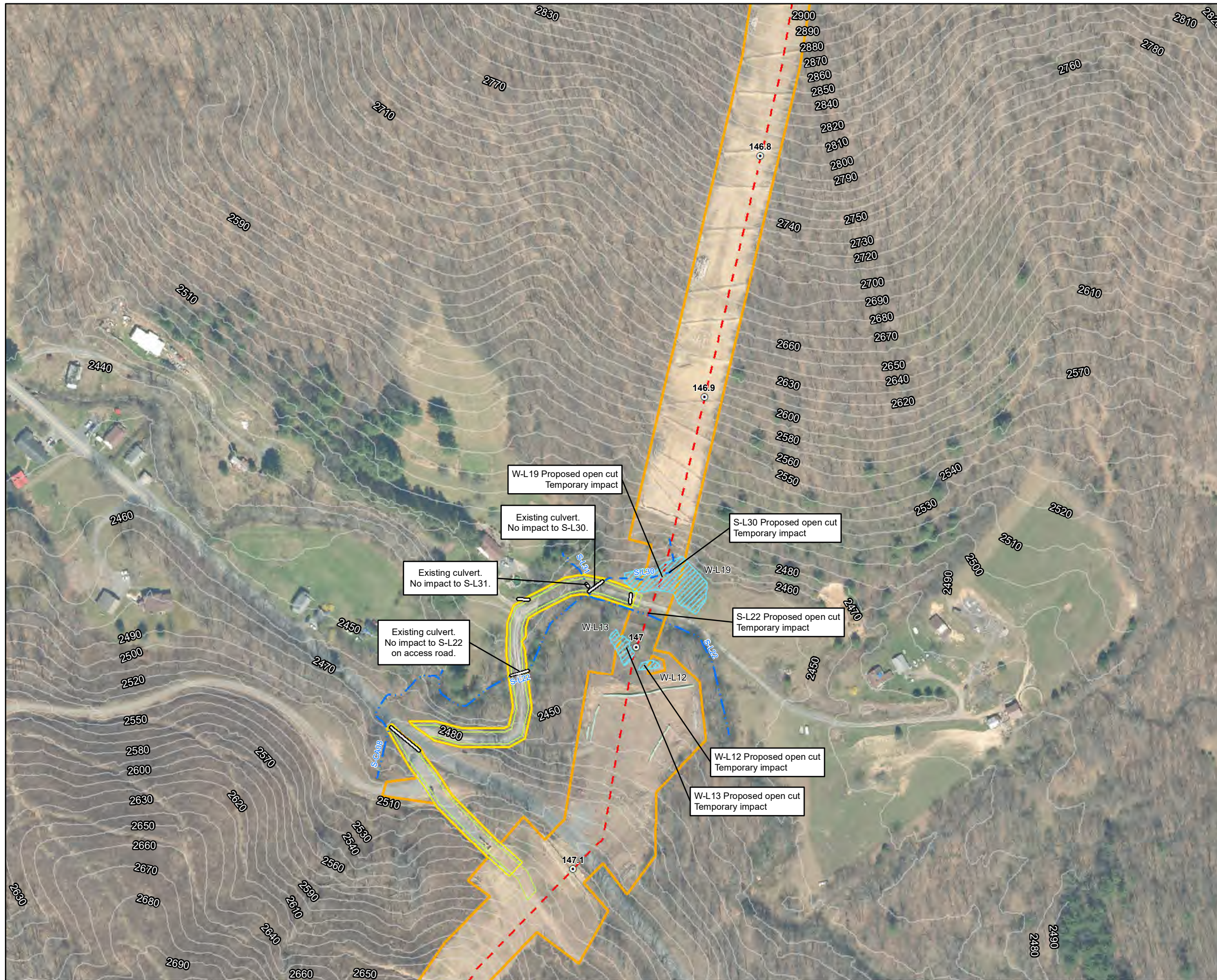
Figure 4-401  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

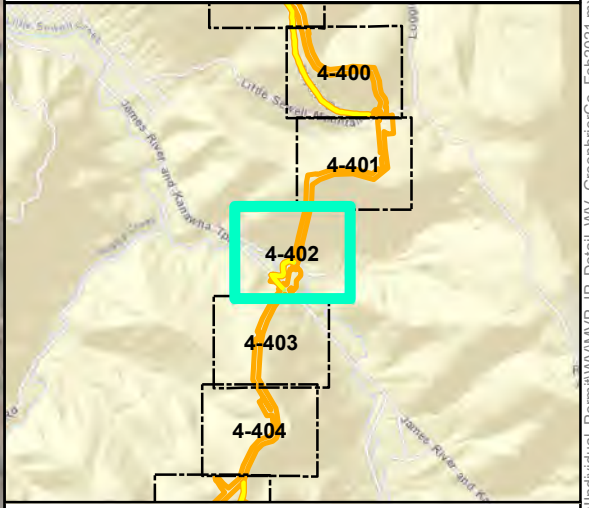
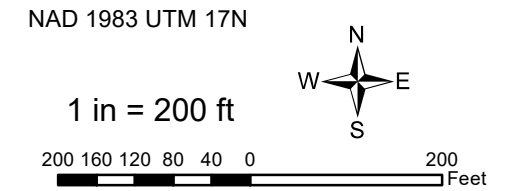
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- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
  - Intermittent
  - Perennial
  - Ephemeral
  - ▨ Pond
  - ▨ Wetland
  - ▨ Palustrine Forested
  - ▨ Palustrine Emergent
  - ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-402  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

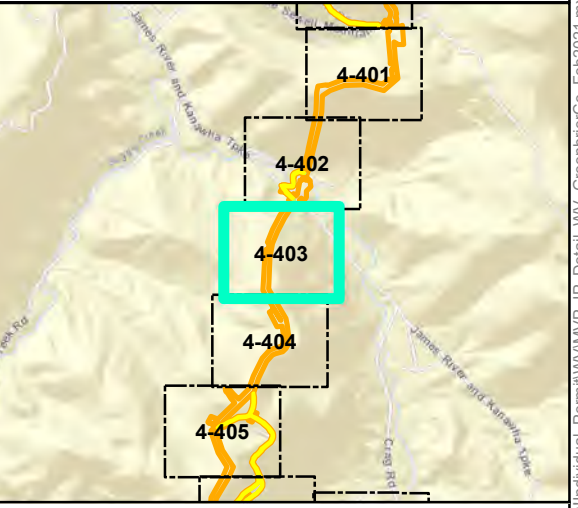
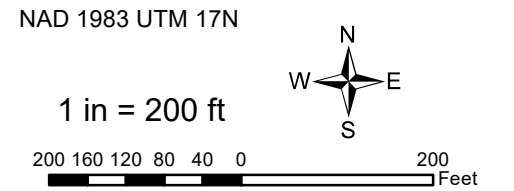
Document Path: P:\GIS\010152\GIS\GIS\EQT\_MVP\Mapdocs\Wetlands\Individual\_Permit\WV\Map\IP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd





- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
  - Intermittent
  - Perennial
  - Ephemeral
  - ▨ Pond
  - ▨ Wetland
    - ▨ Palustrine Forested
    - ▨ Palustrine Emergent
    - ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-403  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

Document Path: P:\GIS\010152\GIS\010152\MVP\MapDocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd





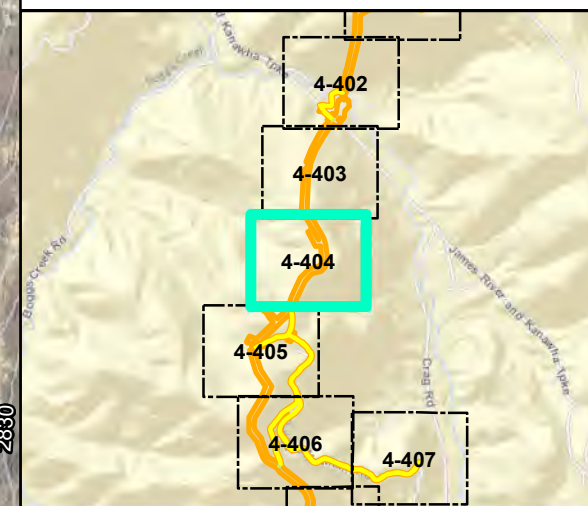
**Legend**

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert
- Stream Intermittent
- Stream Perennial
- Stream Ephemeral
- Pond
- Wetland Palustrine Forested
- Wetland Palustrine Emergent
- Wetland Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-404  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

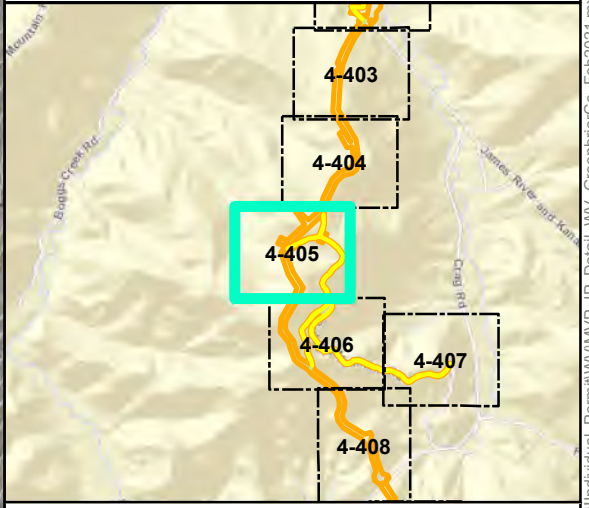
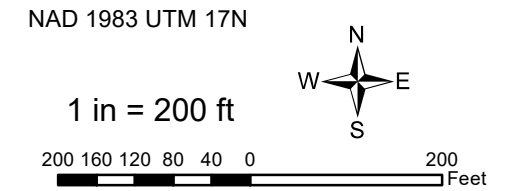
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- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
  - Intermittent
  - Perennial
  - Ephemeral
  - ▨ Pond
  - Wetland
    - ▨ Palustrine Forested
    - ▨ Palustrine Emergent
    - ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

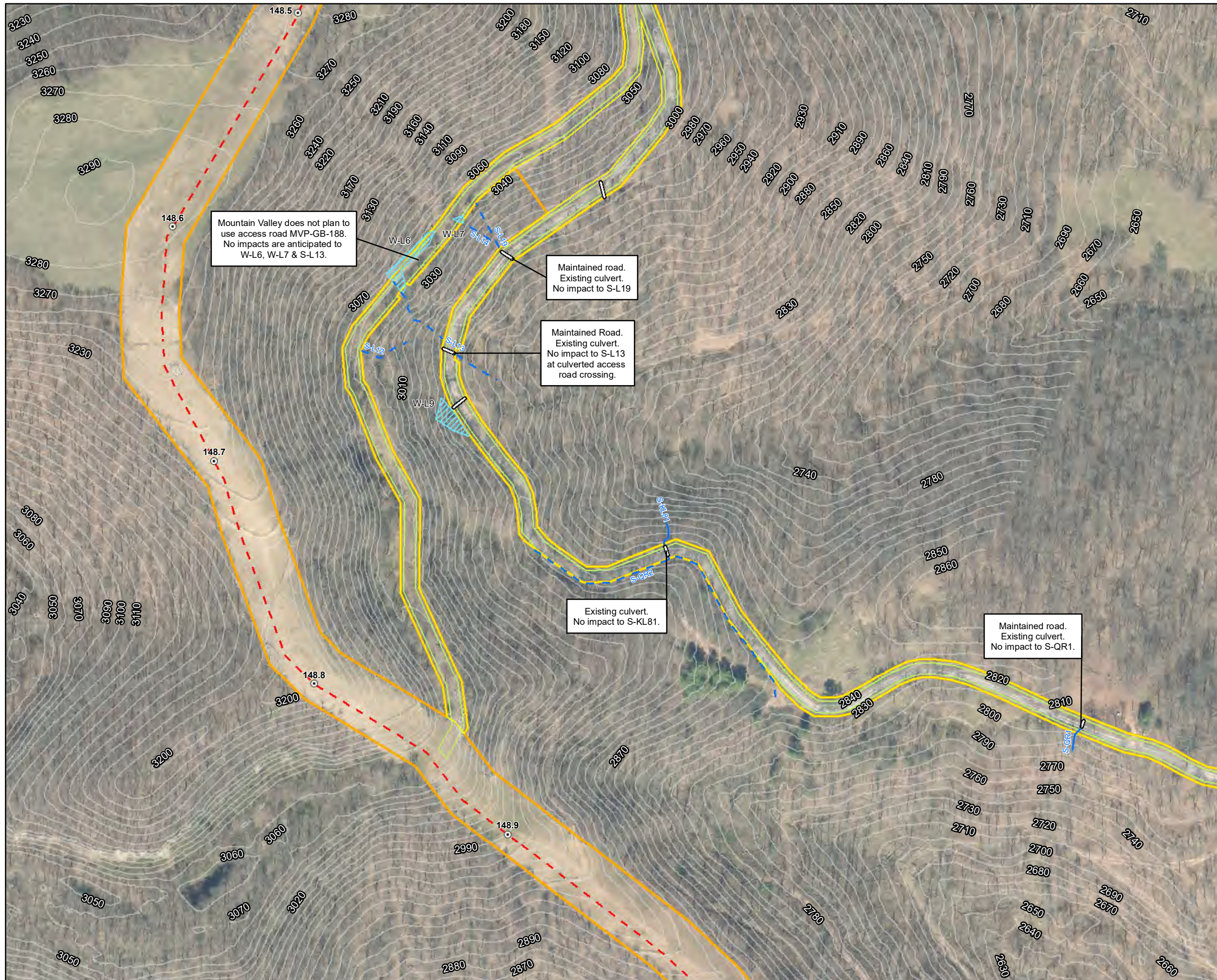
Figure 4-405  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

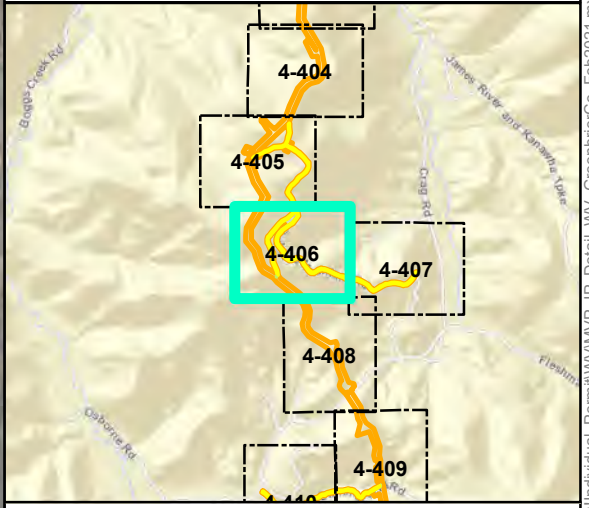
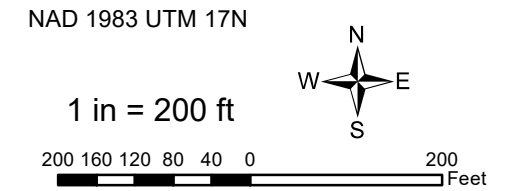
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- Legend**
- Milepost
  - - - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
  - Intermittent
  - Perennial
  - Ephemeral
  - ▨ Pond
  - ▨ Wetland
  - ▨ Palustrine Forested
  - ▨ Palustrine Emergent
  - ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-406  
Greenbrier County, West Virginia  
February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

Document Path: P:\GIS\0101s2\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\MVP\_IP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd





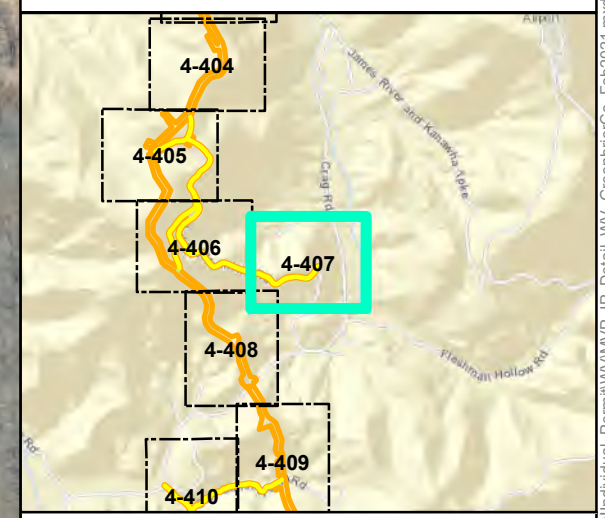
**Legend**

⊙ Milepost	Stream
- - - Alignment Centerline	- - - Intermittent
□ Access Road Temporary LOD	- · · · Perennial
□ Access Road Permanent LOD	— Ephemeral
□ Permanent Facility	▨ Pond
□ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-407  
Greenbrier County, West Virginia  
February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

2630  
2620  
2610

2570

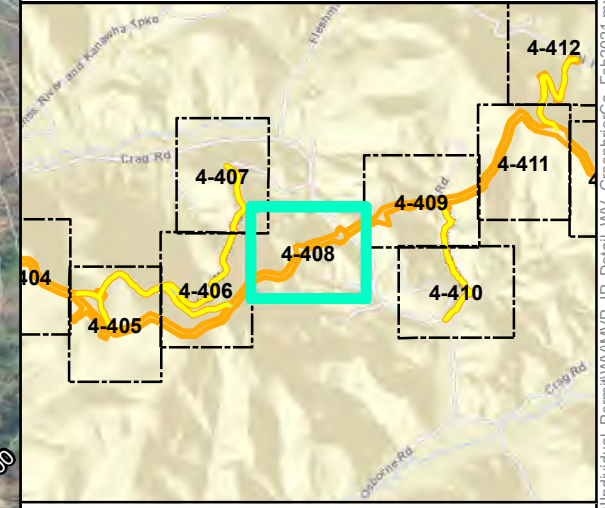
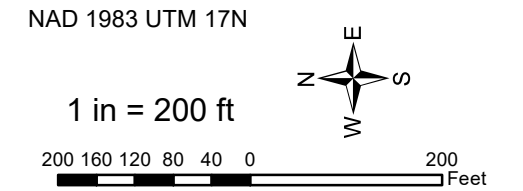
Document Path: P:\GIS\010152\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\_MVP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd





- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
    - Intermittent
    - Perennial
    - Ephemeral
  - Pond
  - Wetland
    - Palustrine Forested
    - Palustrine Emergent
    - Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-408  
Greenbrier County, West Virginia  
February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

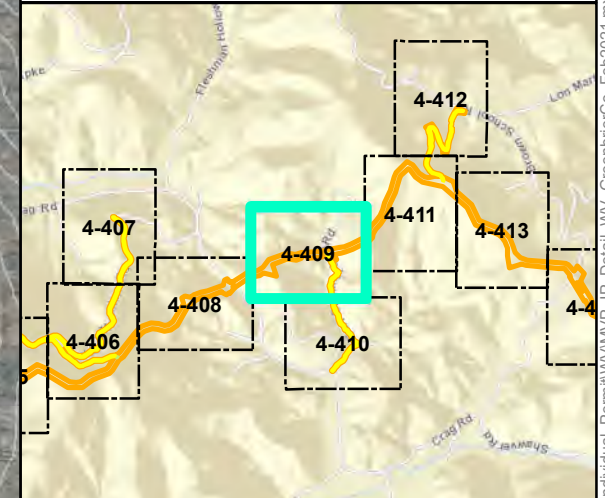
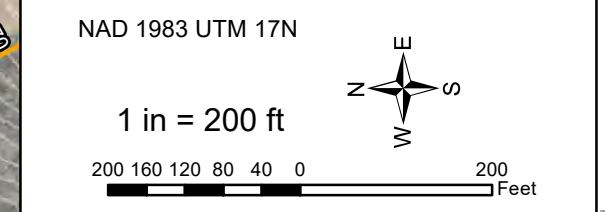
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- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
  - Intermittent
  - Perennial
  - Ephemeral
  - ▨ Pond
  - Wetland
    - ▨ Palustrine Forested
    - ▨ Palustrine Emergent
    - ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



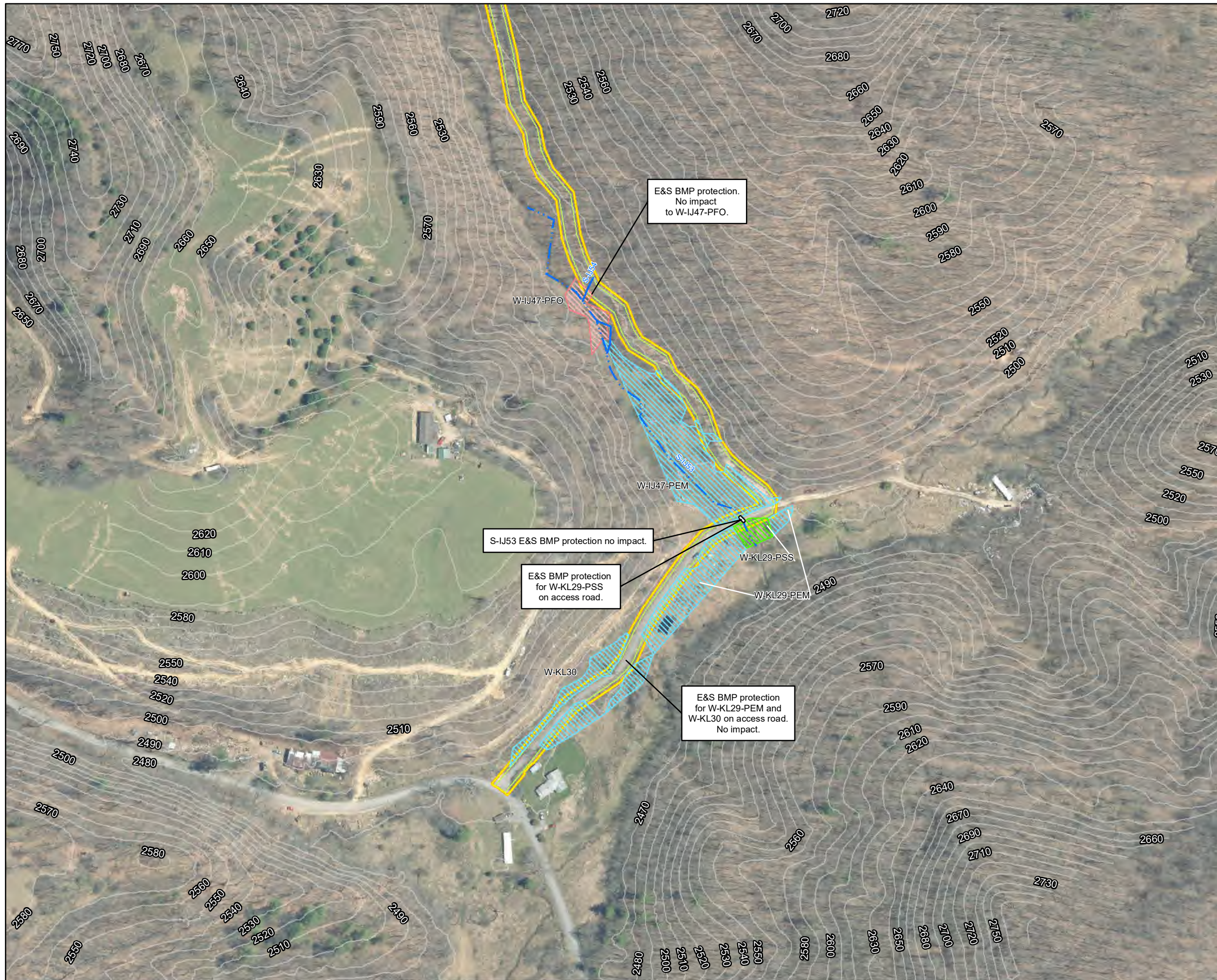
**Detail Map  
Individual Permit Application**

Figure 4-409  
Greenbrier County, West Virginia  
February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

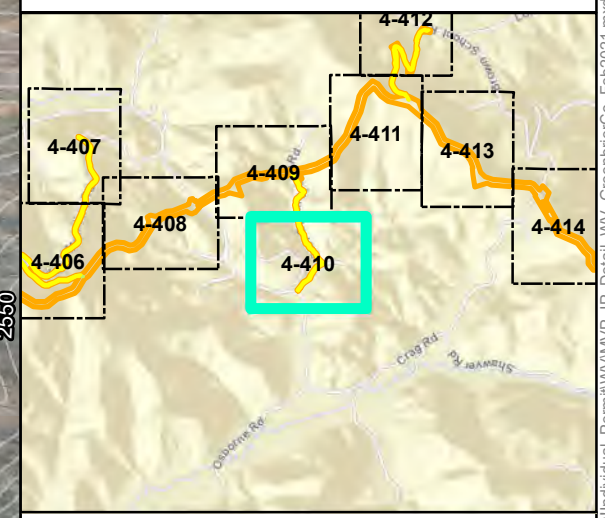
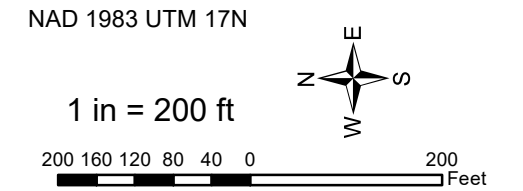
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- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
  - Intermittent
  - Perennial
  - Ephemeral
  - ▨ Pond
  - Wetland
  - ▨ Palustrine Forested
  - ▨ Palustrine Emergent
  - ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-410  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

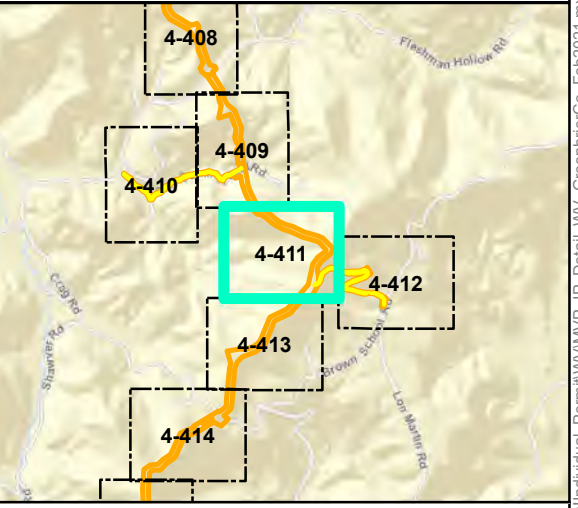
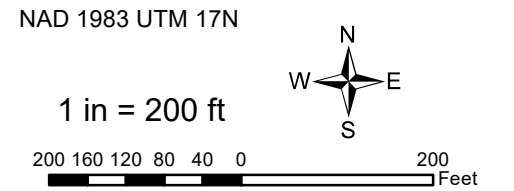
Document Path: P:\GIS\010152\GIS\GIS\EQT\_MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd





- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
    - Intermittent
    - Perennial
    - Ephemeral
  - Pond
  - Wetland
    - Palustrine Forested
    - Palustrine Emergent
    - Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

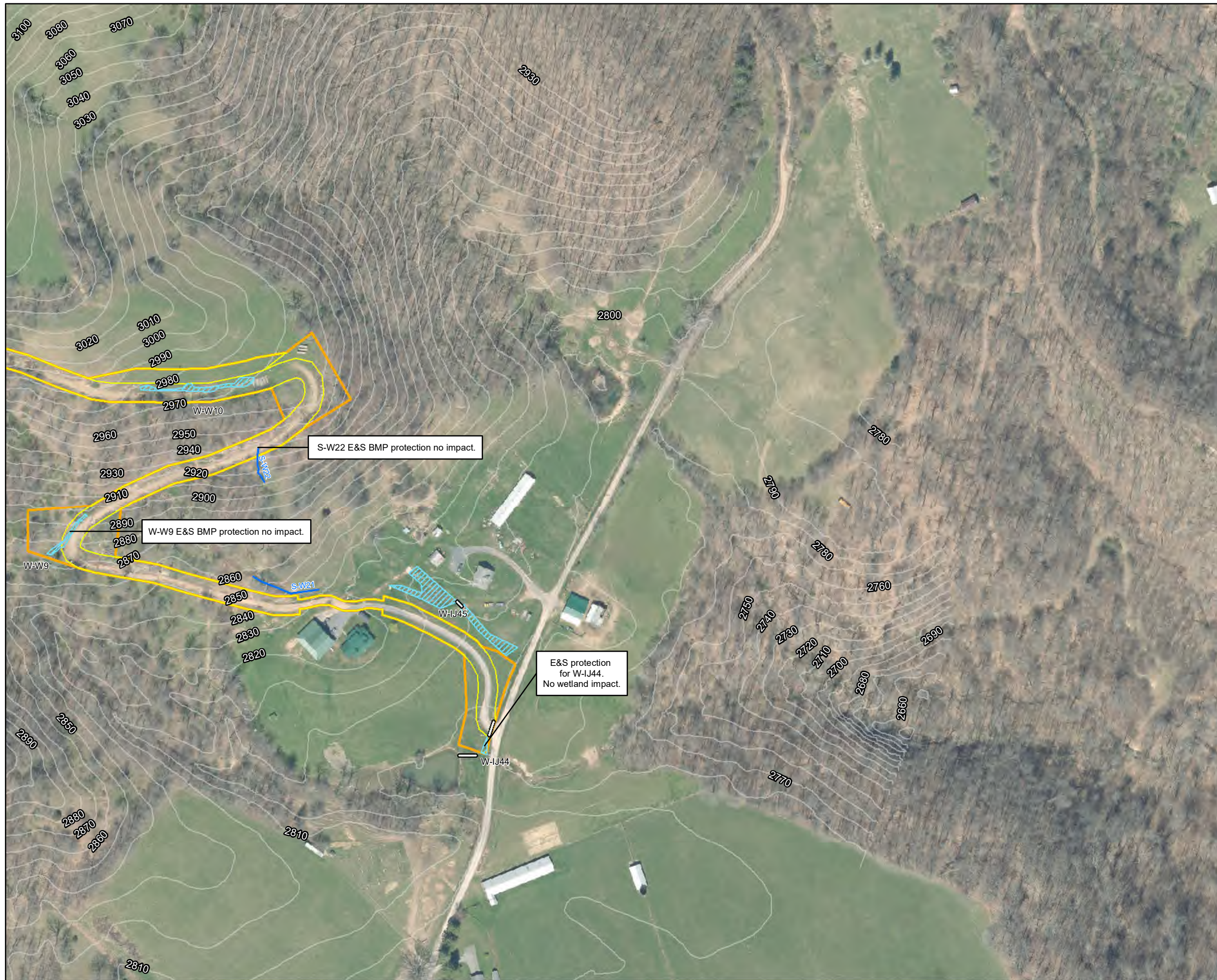
Figure 4-411  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

Document Path: P:\GIS\010152\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd

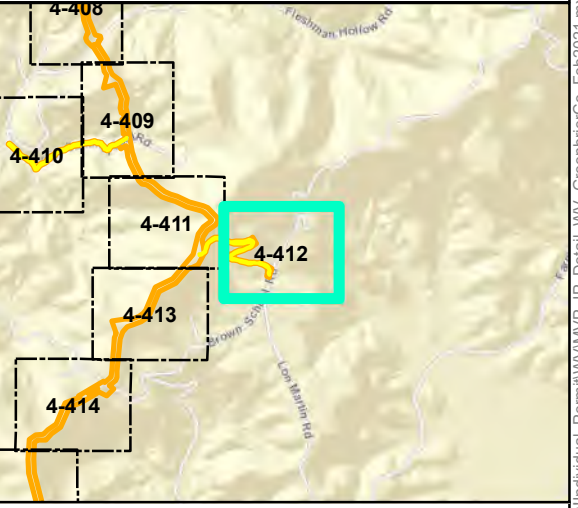
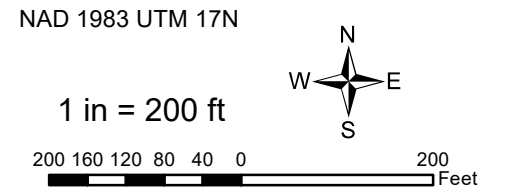




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ⊙ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| ▭ Access Road Temporary LOD | - · - · - Perennial      |
| ▭ Access Road Permanent LOD | — Ephemeral              |
| ▭ Permanent Facility        | ▨ Pond                   |
| ▭ Limit of Disturbance      | Wetland                  |
| ▭ Bore Pit                  | ▨ Palustrine Forested    |
| ▭ Culvert                   | ▨ Palustrine Emergent    |
|                             | ▨ Palustrine Scrub-Shrub |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-412  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

Document Path: P:\GIS\010152\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\Map\IP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd

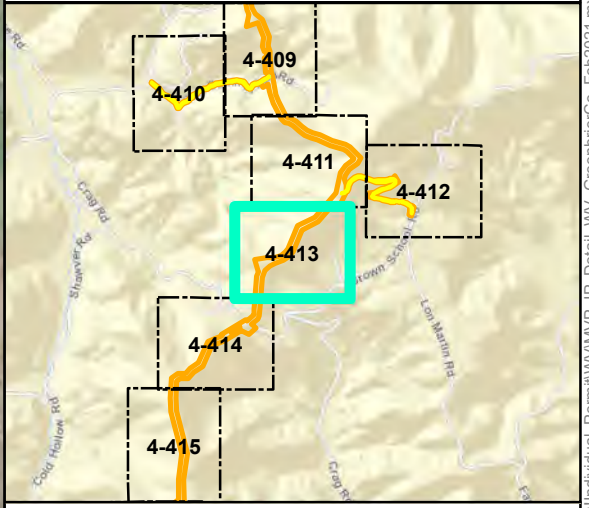
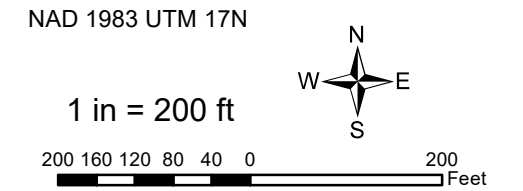




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| □ Access Road Temporary LOD | - · - · - Perennial      |
| □ Access Road Permanent LOD | — Ephemeral              |
| □ Permanent Facility        | ▨ Pond                   |
| ▭ Limit of Disturbance      | Wetland                  |
| ■ Bore Pit                  | ▨ Palustrine Forested    |
| — Culvert                   | ▨ Palustrine Emergent    |
|                             | ▨ Palustrine Scrub-Shrub |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

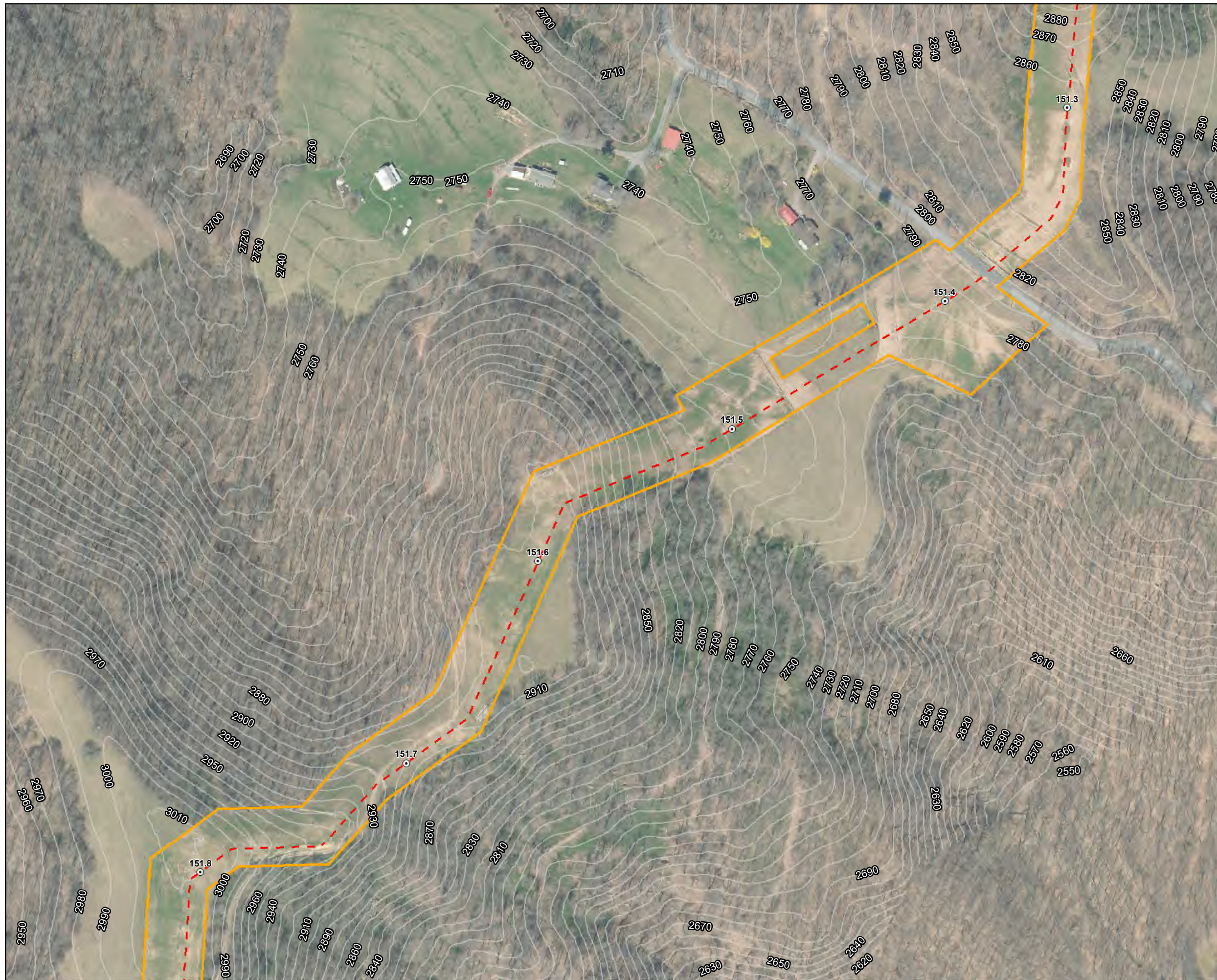
Figure 4-413  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

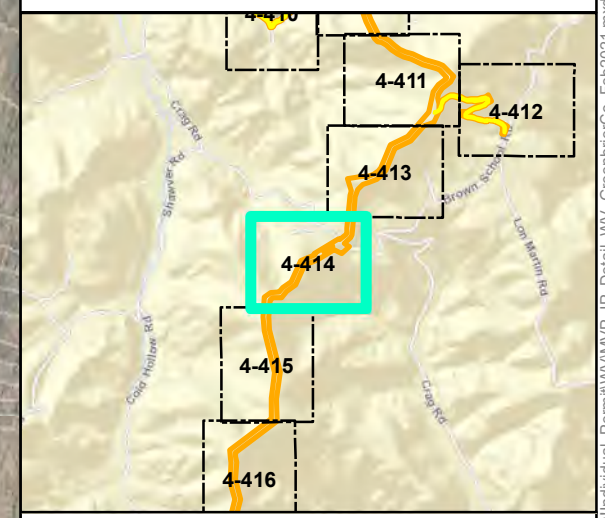
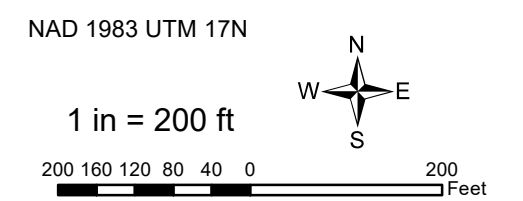
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- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
  - Intermittent
  - Perennial
  - Ephemeral
  - ▨ Pond
  - Wetland
    - ▨ Palustrine Forested
    - ▨ Palustrine Emergent
    - ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**

**Detail Map**  
Individual Permit Application

Figure 4-414  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

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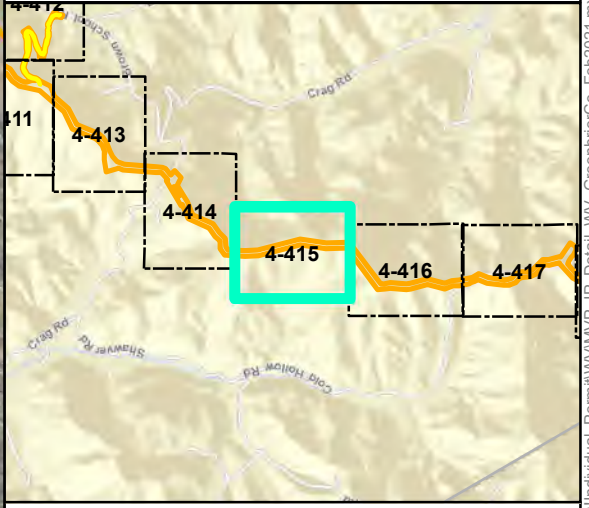
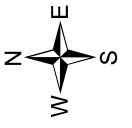
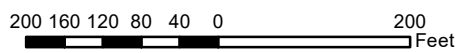
**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| □ Access Road Temporary LOD | - · - · - Perennial      |
| □ Access Road Permanent LOD | — Ephemeral              |
| □ Permanent Facility        | ▨ Pond                   |
| □ Limit of Disturbance      | Wetland                  |
| ■ Bore Pit                  | ▨ Palustrine Forested    |
| — Culvert                   | ▨ Palustrine Emergent    |
|                             | ▨ Palustrine Scrub-Shrub |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-415  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

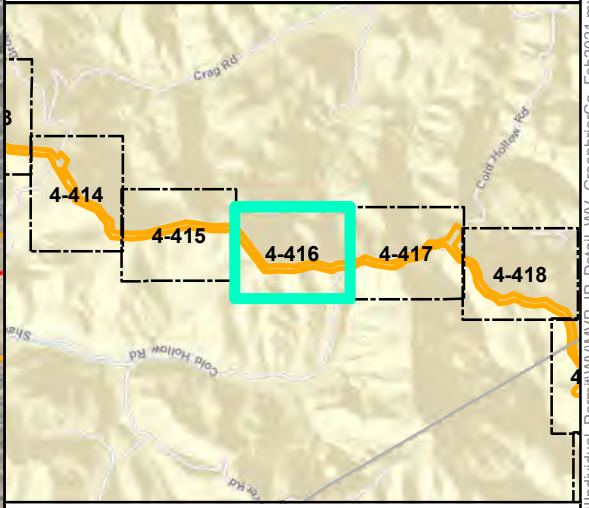
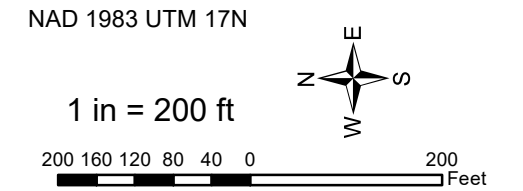
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- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
  - Intermittent
  - Perennial
  - Ephemeral
  - ▨ Pond
  - ▨ Wetland
    - ▨ Palustrine Forested
    - ▨ Palustrine Emergent
    - ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-416  
Greenbrier County, West Virginia  
February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

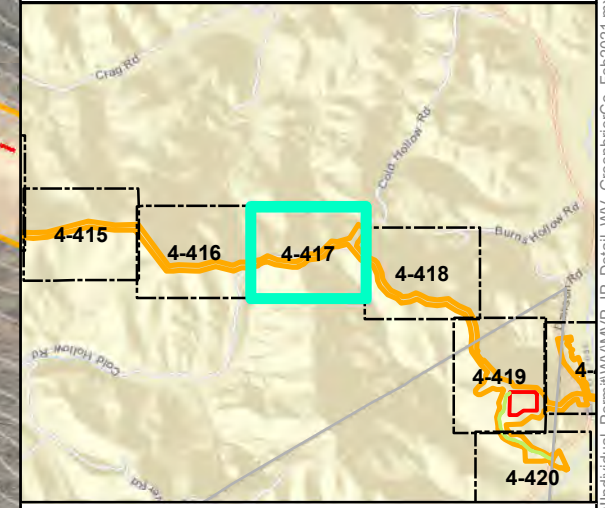
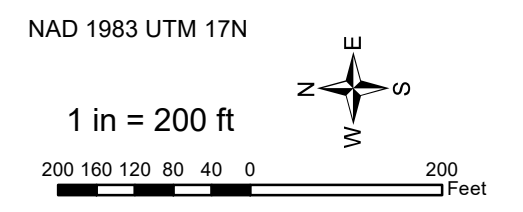
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- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
  - Intermittent
  - Perennial
  - Ephemeral
  - ▨ Pond
  - Wetland
    - ▨ Palustrine Forested
    - ▨ Palustrine Emergent
    - ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-417  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

Document Path: P:\GIS\010152\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd





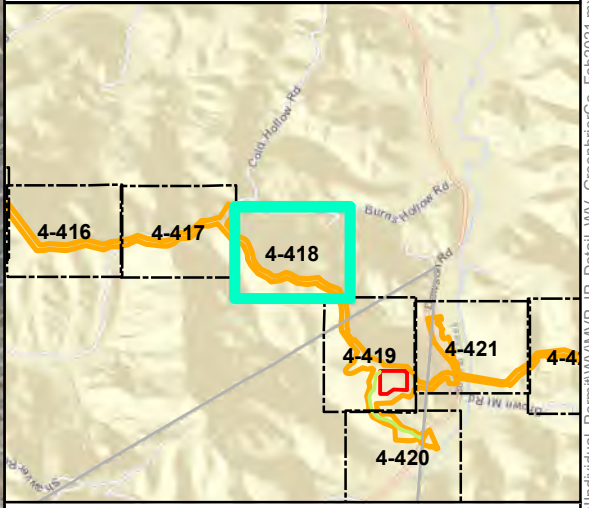
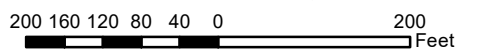
**Legend**

- Milepost
- - - Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert
- Stream
- - - Intermittent
- · · Perennial
- Ephemeral
- ▨ Pond
- Wetland
- ▨ Palustrine Forested
- ▨ Palustrine Emergent
- ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

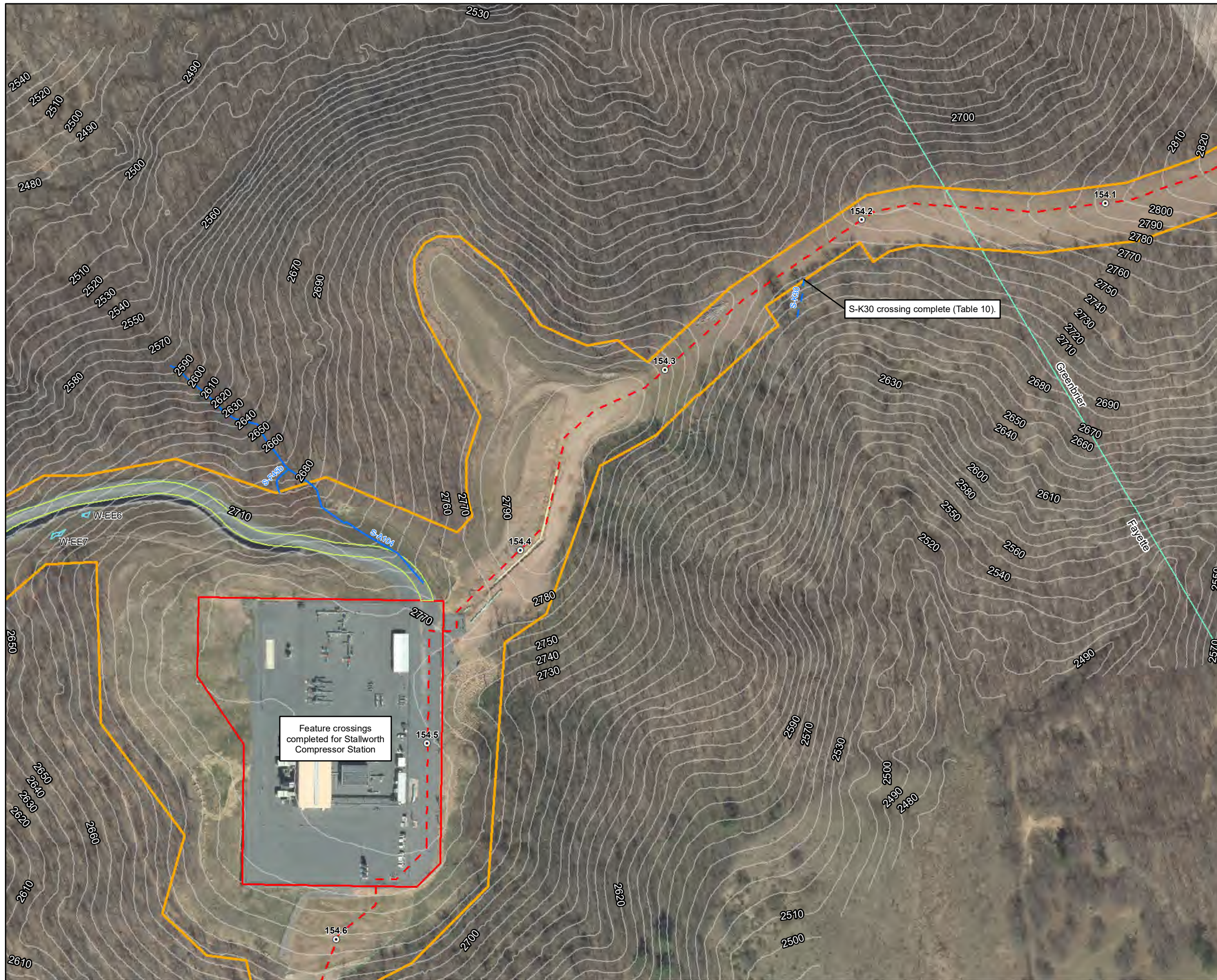
Figure 4-418  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

Document Path: P:\GIS\010152\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd

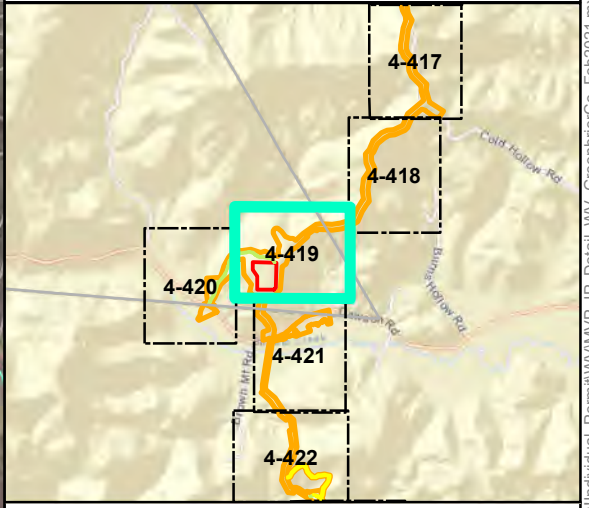
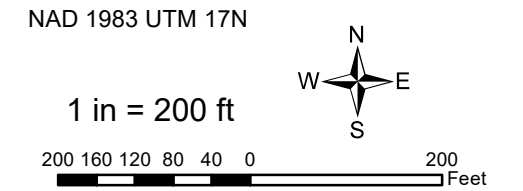




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| □ Access Road Temporary LOD | - · - · - Perennial      |
| □ Access Road Permanent LOD | — Ephemeral              |
| □ Permanent Facility        | ▨ Pond                   |
| □ Limit of Disturbance      | Wetland                  |
| ■ Bore Pit                  | ▨ Palustrine Forested    |
| — Culvert                   | ▨ Palustrine Emergent    |
|                             | ▨ Palustrine Scrub-Shrub |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

Figure 4-419  
*Fayette/Greenbrier County, West Virginia*

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

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### Legend

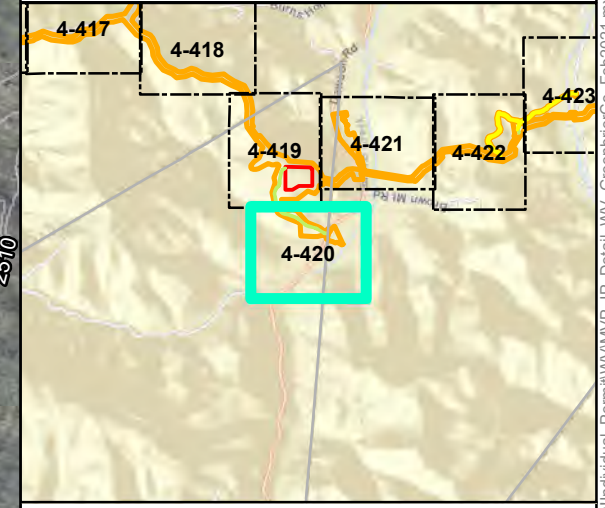
○ Milepost	Stream
- - - Alignment Centerline	- - - Intermittent
□ Access Road Temporary LOD	- · - · Perennial
□ Access Road Permanent LOD	— Ephemeral
□ Permanent Facility	▨ Pond
▭ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



## Mountain Valley Pipeline Project



**Detail Map**  
**Individual Permit Application**

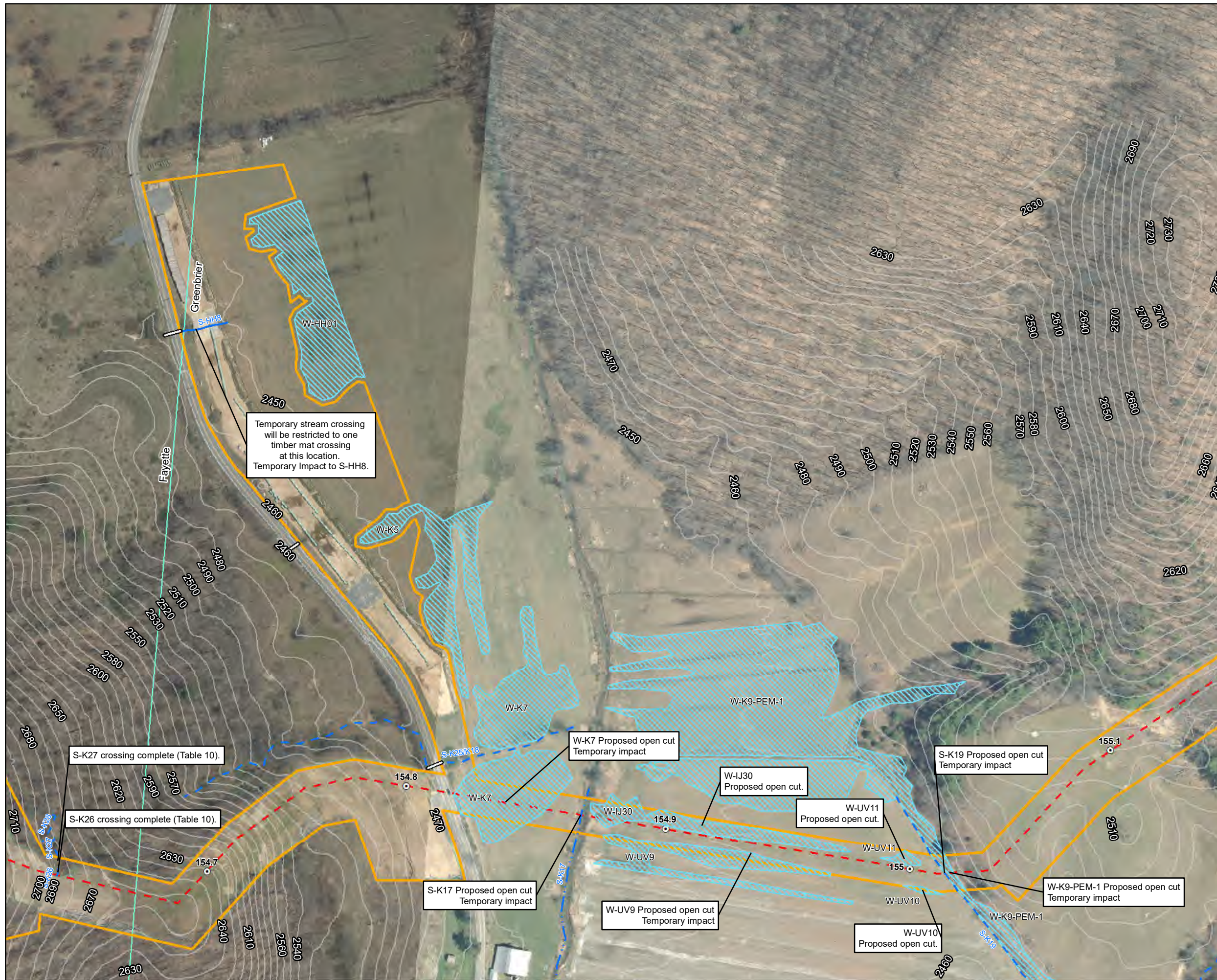
Figure 4-420  
Fayette County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

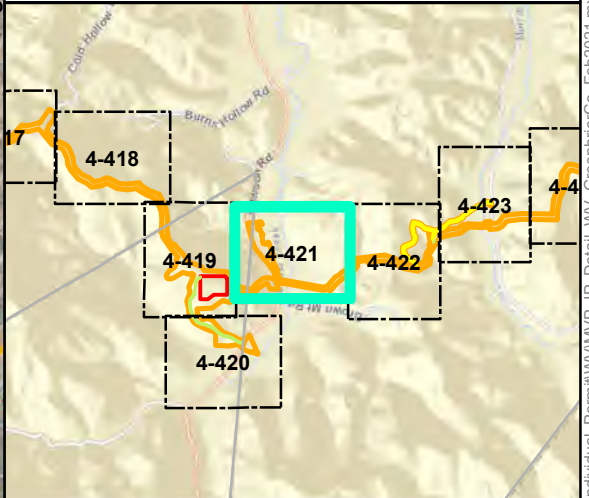
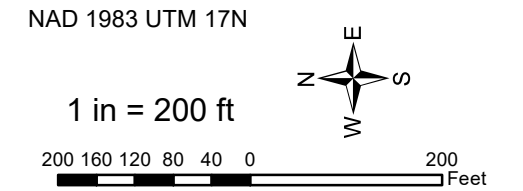
Document Path: P:\GIS\0101s2\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd





- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
  - Intermittent
  - Perennial
  - Ephemeral
  - ▨ Pond
  - ▨ Wetland
  - ▨ Palustrine Forested
  - ▨ Palustrine Emergent
  - ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**

**Detail Map**  
**Individual Permit Application**

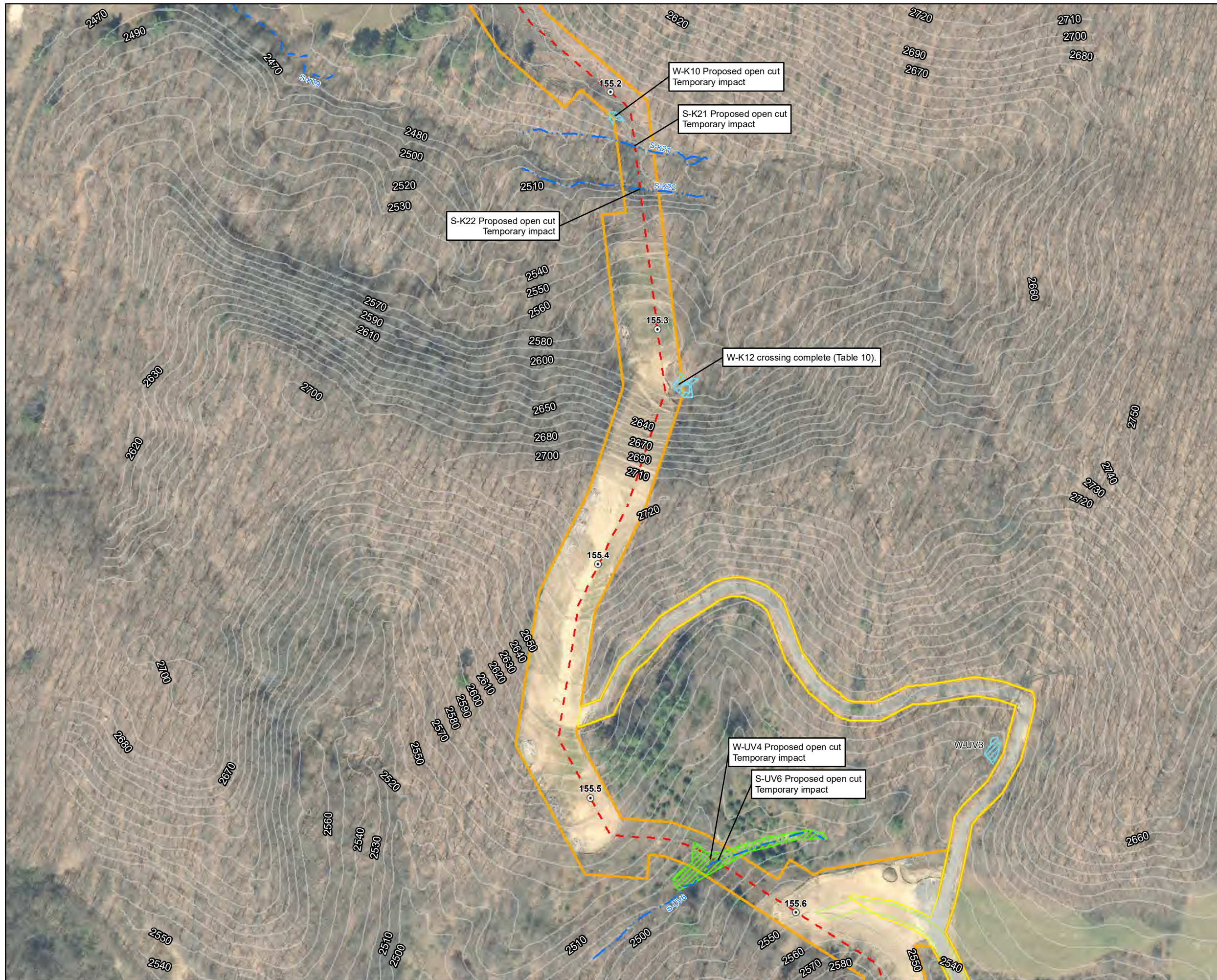
Figure 4-421  
*Greenbrier County, West Virginia*

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

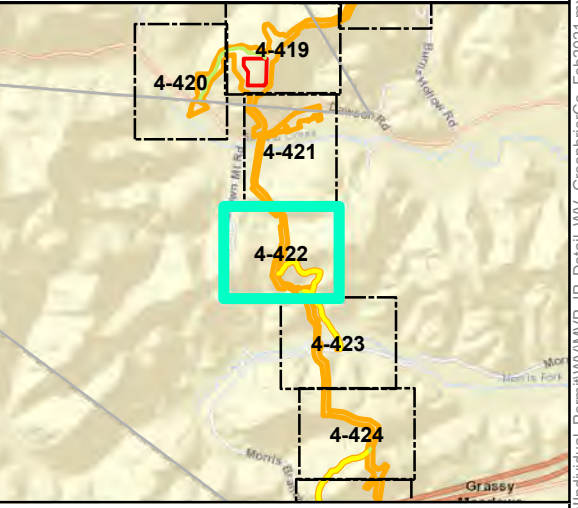
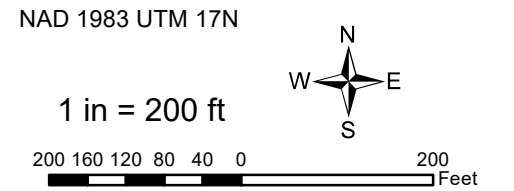
Document Path: P:\GIS\010102\GIS\GIS\EQT\IMVP\MapDocs\Wetlands\Individual\_Permit\WV\_MVP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd





- Legend**
- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| □ Access Road Temporary LOD | - · - · - Perennial      |
| □ Access Road Permanent LOD | — Ephemeral              |
| □ Permanent Facility        | ▨ Pond                   |
| ▭ Limit of Disturbance      | Wetland                  |
| ■ Bore Pit                  | ▨ Palustrine Forested    |
| — Culvert                   | ▨ Palustrine Emergent    |
|                             | ▨ Palustrine Scrub-Shrub |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map**  
**Individual Permit Application**

Figure 4-422  
Greenbrier County, West Virginia

February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

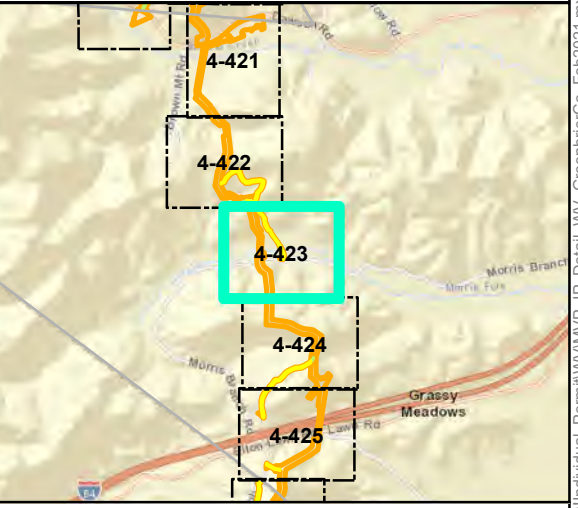
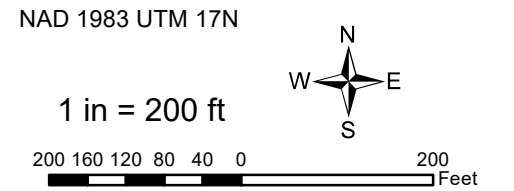
Document Path: P:\GIS\010152\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\MVP\_IP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd





- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
    - Intermittent
    - Perennial
    - Ephemeral
  - Pond
  - Wetland
    - Palustrine Forested
    - Palustrine Emergent
    - Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-423  
Greenbrier County, West Virginia  
February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

Document Path: P:\GIS\010152\GIS\GIS\EQT\WV\MapDocs\Wetlands\Individual\Permit\WV\Map\IP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd

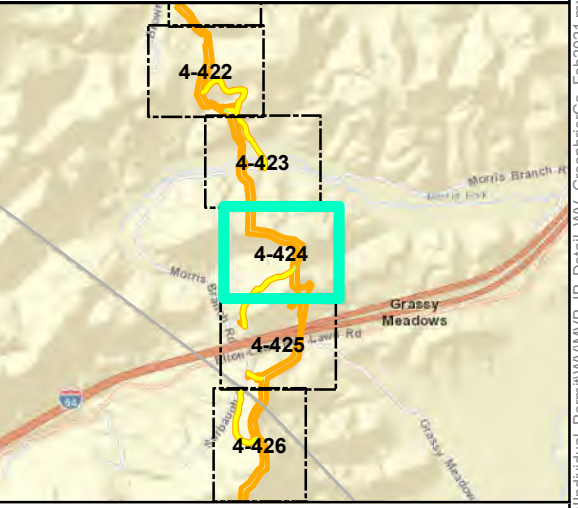
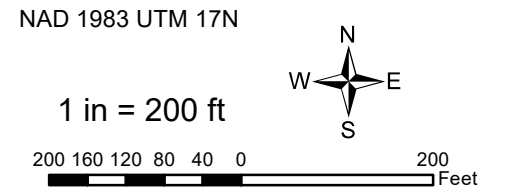




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| □ Access Road Temporary LOD | - · - · - Perennial      |
| □ Access Road Permanent LOD | — Ephemeral              |
| □ Permanent Facility        | ▨ Pond                   |
| □ Limit of Disturbance      | Wetland                  |
| ■ Bore Pit                  | ▨ Palustrine Forested    |
| — Culvert                   | ▨ Palustrine Emergent    |
|                             | ▨ Palustrine Scrub-Shrub |

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-424  
Greenbrier County, West Virginia  
February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

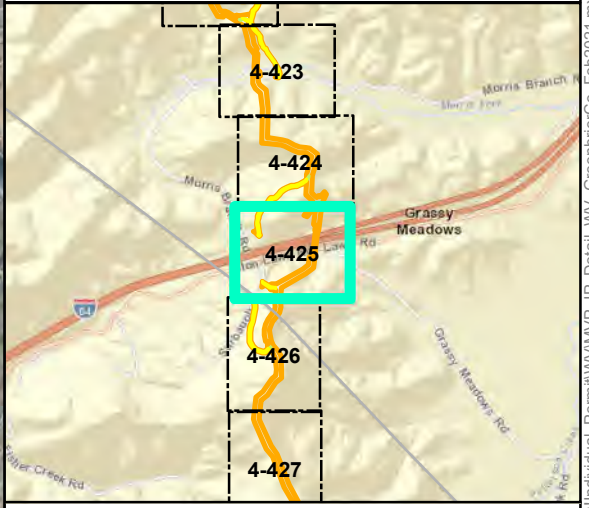
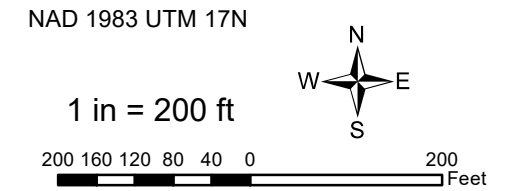
Document Path: P:\GIS\010152\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_GreenbrierCo\_Feb2021.mxd





- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
  - Intermittent
  - Perennial
  - Ephemeral
  - ▨ Pond
  - Wetland
    - ▨ Palustrine Forested
    - ▨ Palustrine Emergent
    - ▨ Palustrine Scrub-Shrub

Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.



Permanent fill impact to S-FF1 at access road crossing.

S-U22 Proposed open cut Temporary impact

**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-425  
Greenbrier County, West Virginia  
February 2021

Data Sources: WV GIS Technical Center Imagery Service 2020  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

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