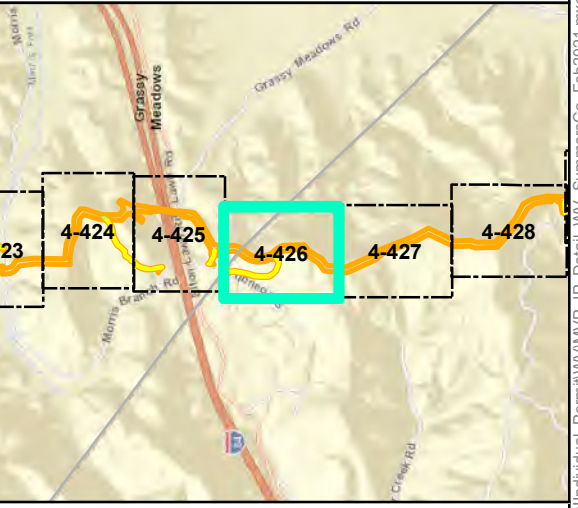
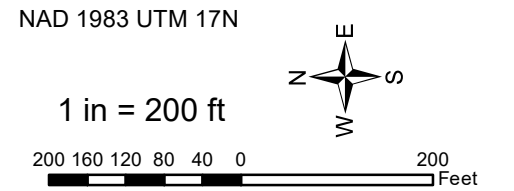




- Legend**
- Milepost
  - - - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - ▬ Culvert
  - ▬ Stream
  - ▬ Intermittent
  - ▬ Perennial
  - ▬ Ephemeral
  - ▨ Pond
  - ▨ Wetland
  - ▨ Palustrine Forested
  - ▨ 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 4-426  
Summers 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: PGH \tts01\01s2\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd





### Legend

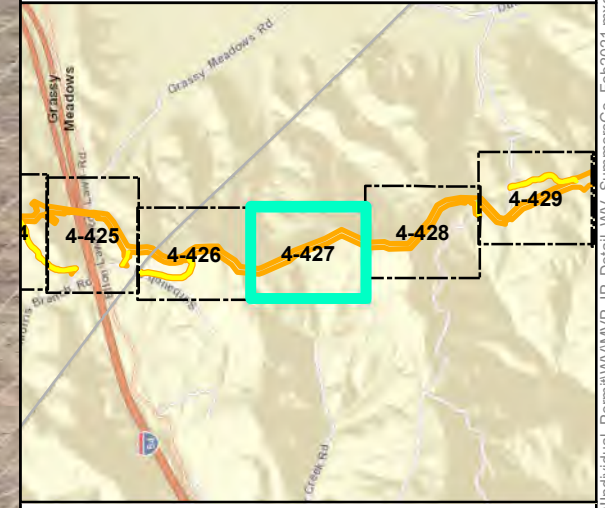
○ Milepost	Stream
- - - Alignment Centerline	- - - Intermittent
□ Access Road Temporary LOD	- · - · - Perennial
□ Access Road Permanent LOD	— Ephemeral
□ Permanent Facility	▨ Pond
□ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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 4-427  
Summers 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: PGH \tts01\01s2\GIS\GIS\EQT\IMVP\Mapdocs\Wetlands\Individual\_Permit\WV\IP\_Detail\WV\_SummersCo\_Feb2021.mxd

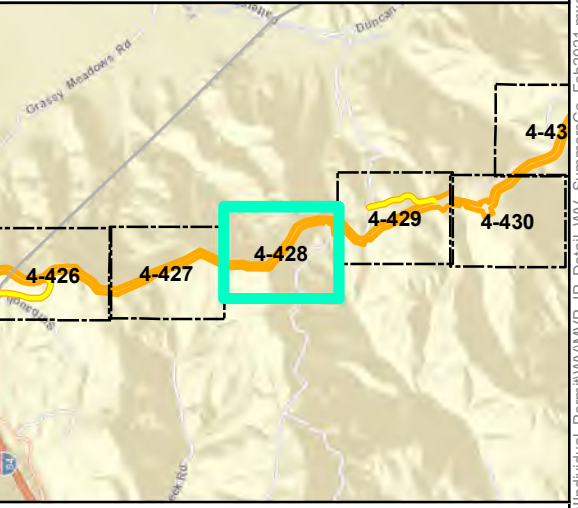
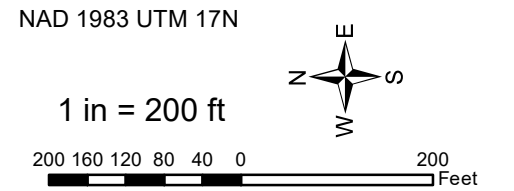




**Legend**

- 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**

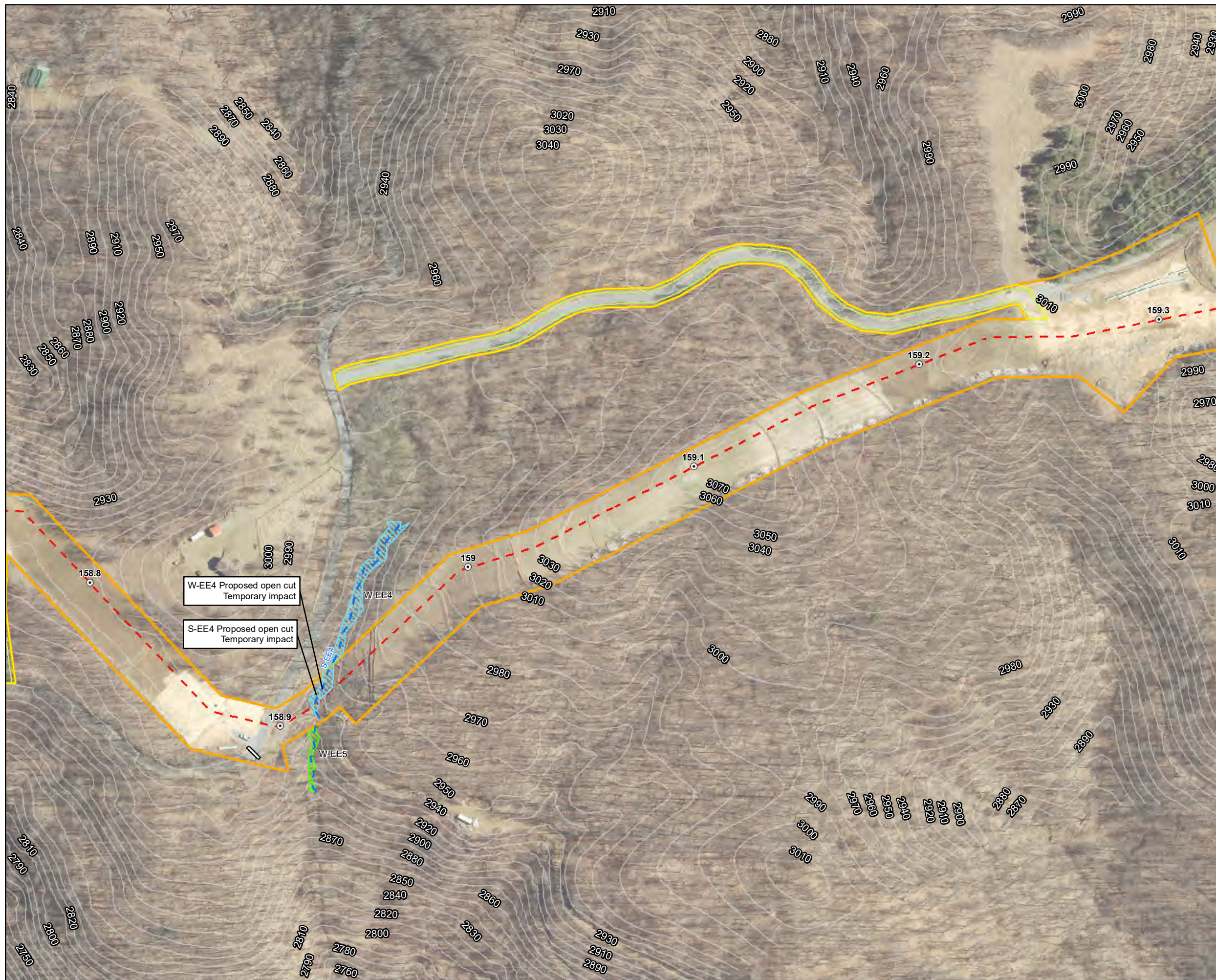
Figure 4-428  
Summers County, West Virginia

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: PGH \tts01\052\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd





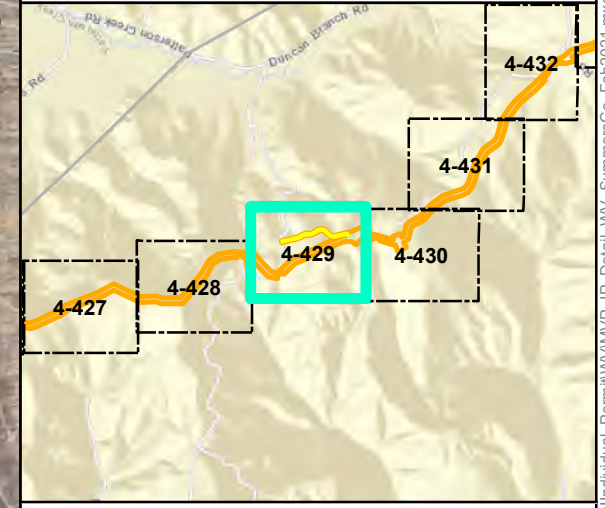
### Legend

○ 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 4-429  
Summers 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: PGH \tts01\01s2\GIS\GIS\EQT\_MVP\Mapdocs\Wetlands\Individual\_Permit\WV\_MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd

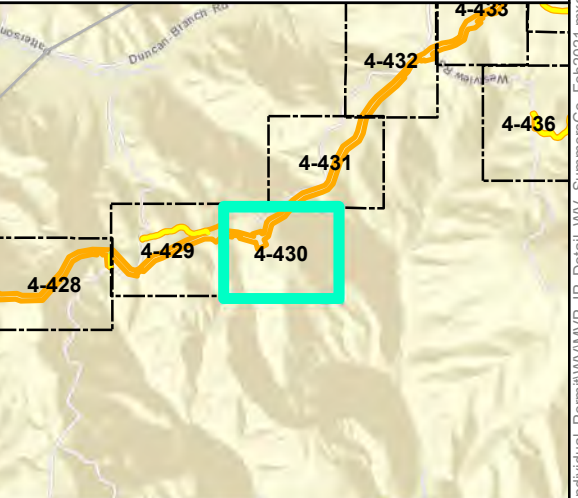
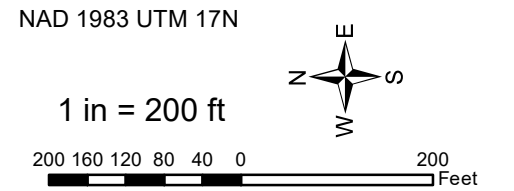




**Legend**

- 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 4-430  
Summers 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\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd





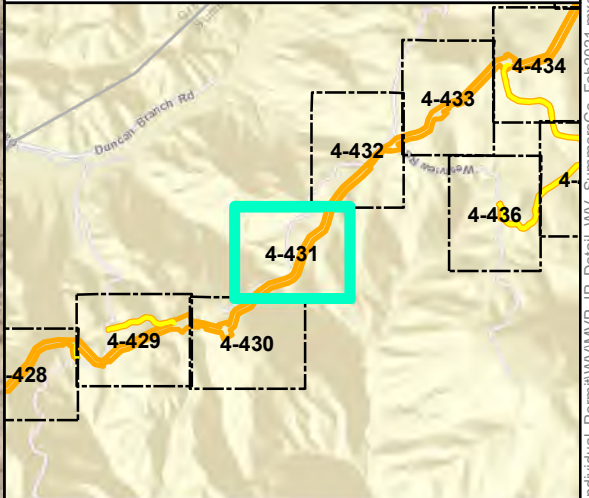
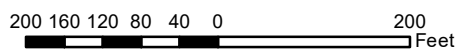
**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ 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 4-431  
Summers 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\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd

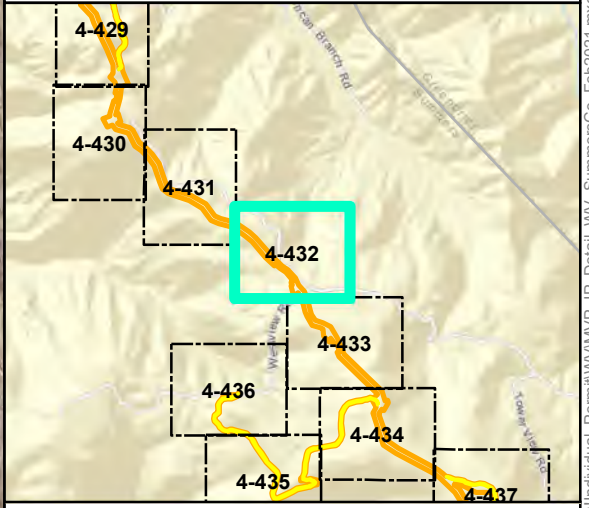
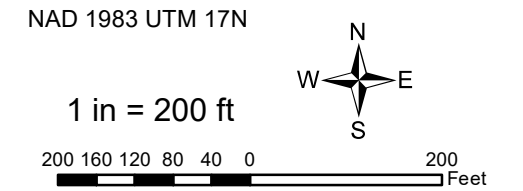




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ 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**

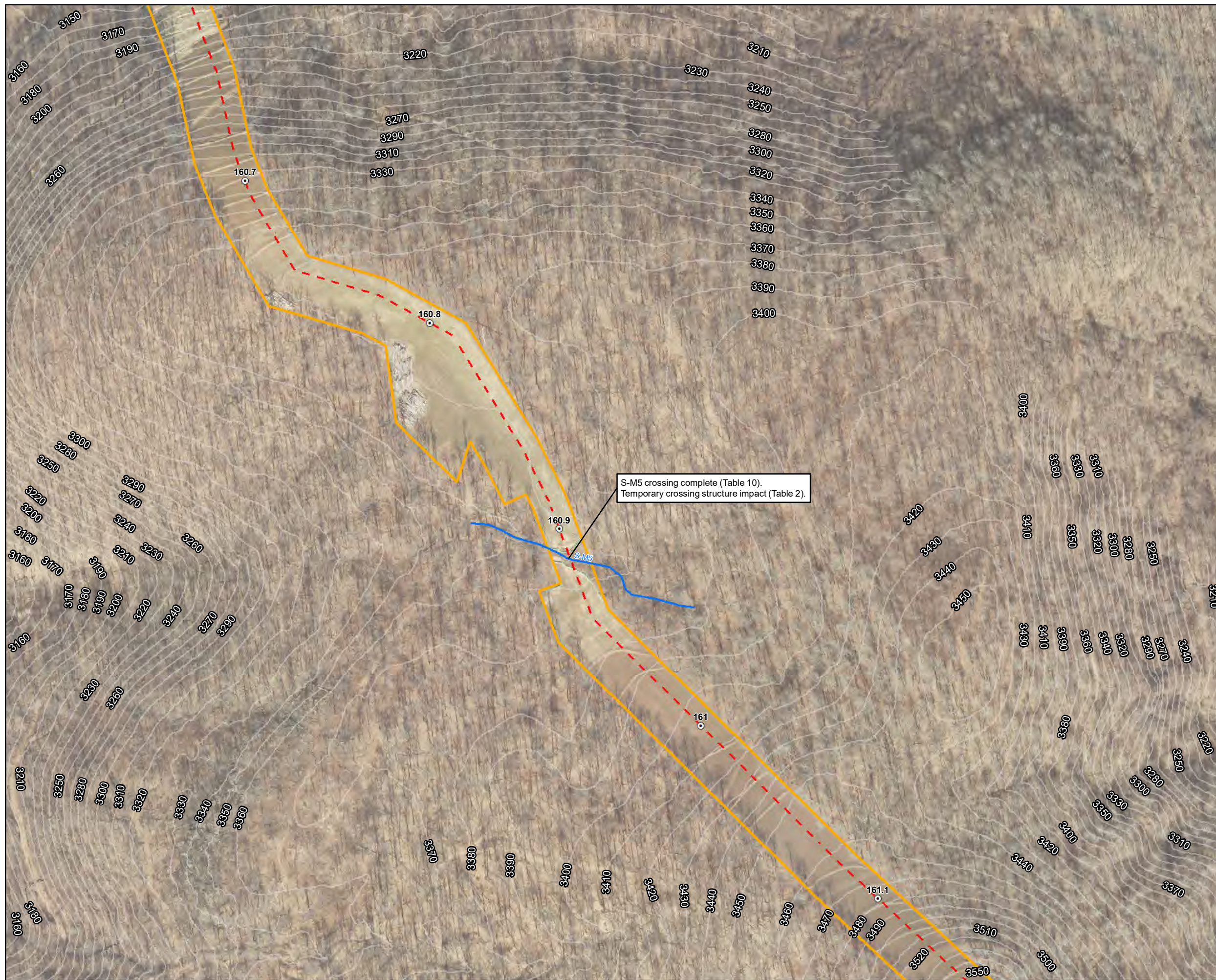
Figure 4-432  
Summers County, West Virginia

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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S-M5 crossing complete (Table 10).  
Temporary crossing structure impact (Table 2).

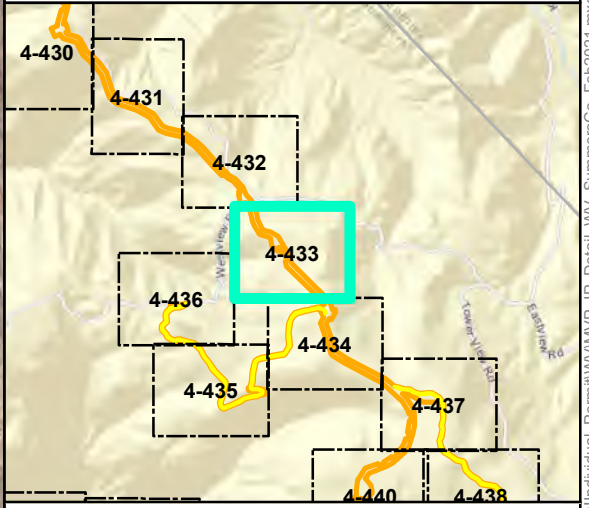
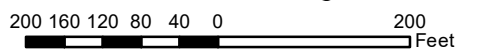
**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ 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 4-433  
Summers 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\01\GIS\GIS\EQT\_MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd

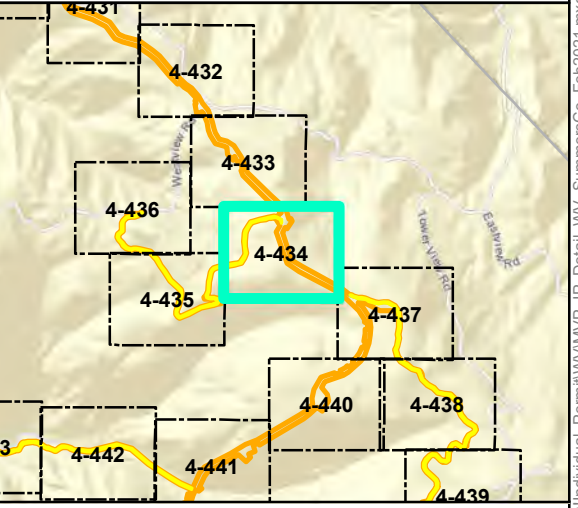
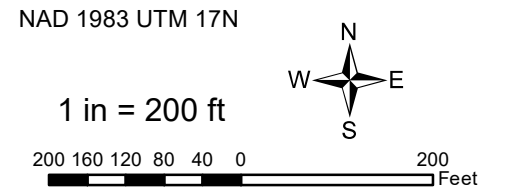




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ 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**

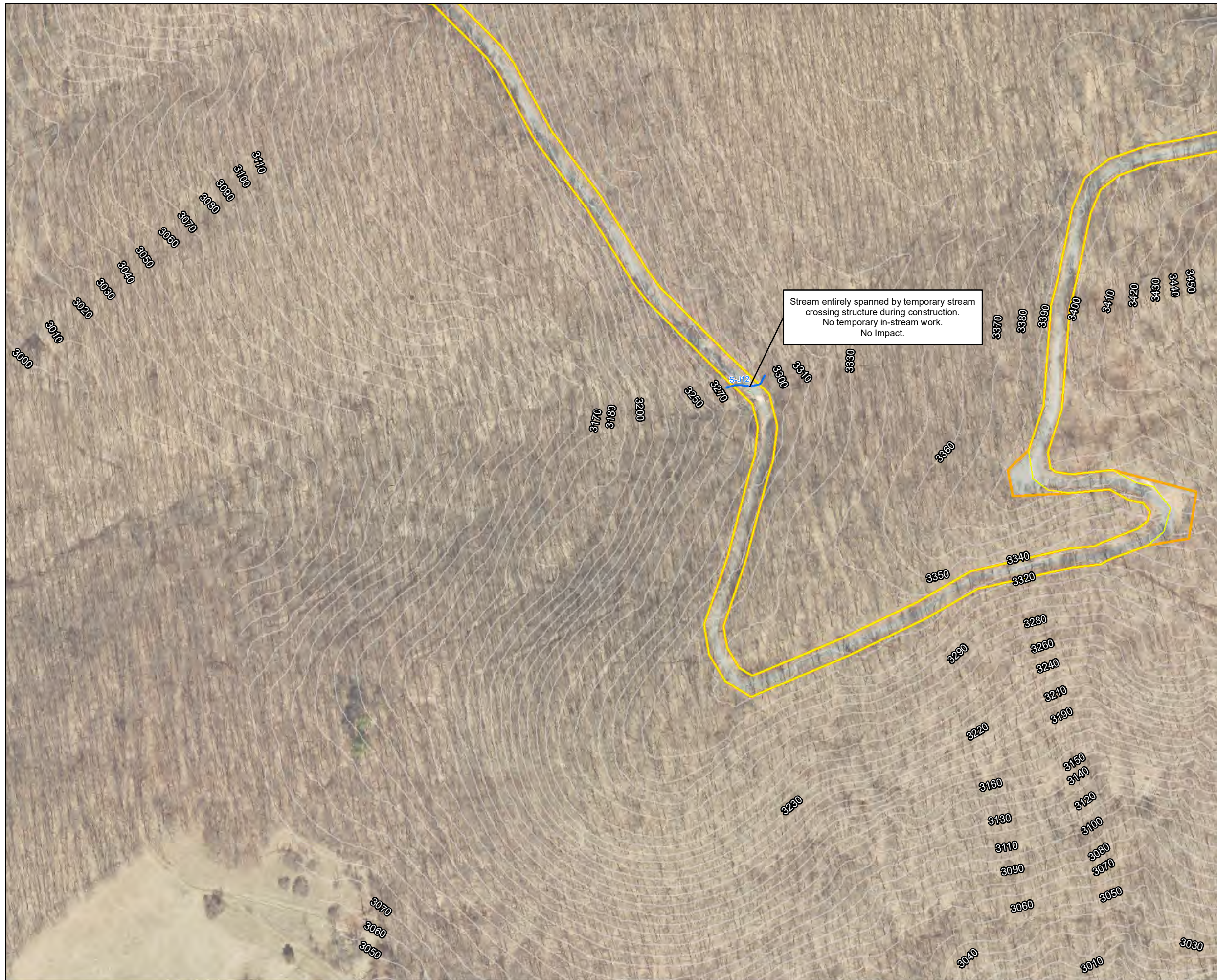
Figure 4-434  
Summers County, West Virginia

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\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd

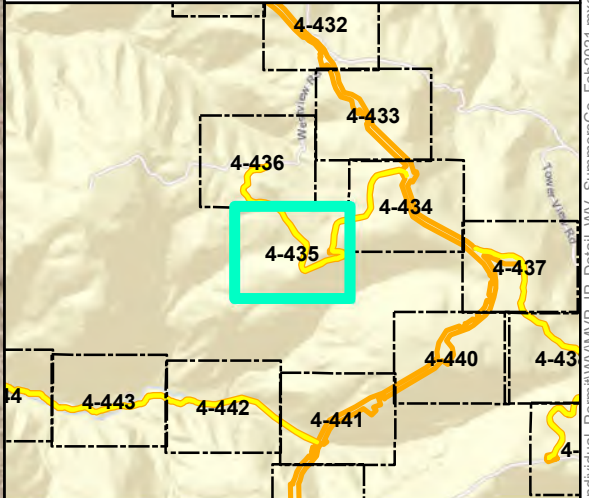
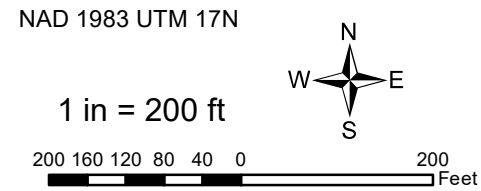




Stream entirely spanned by temporary stream crossing structure during construction.  
 No temporary in-stream work.  
 No Impact.

- 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 4-435  
 Summers 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.

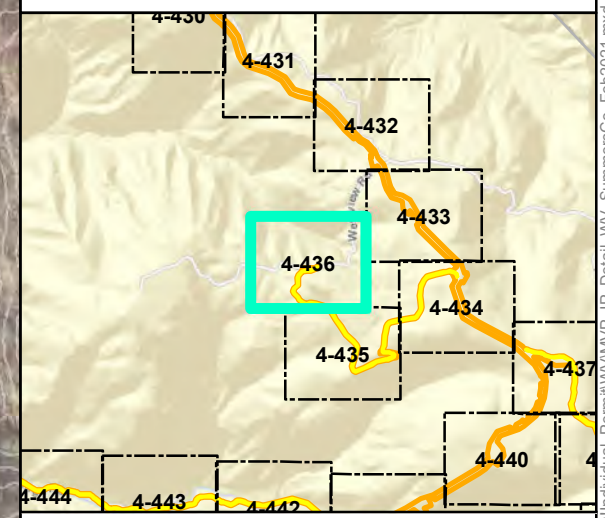
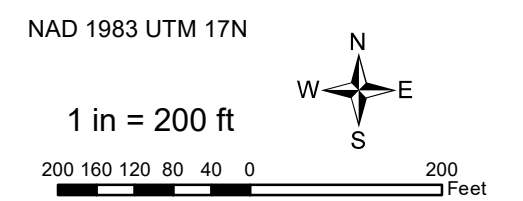
Document Path: P:\GIS\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd





- 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 4-436  
Summers 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: PGH \GIS\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd

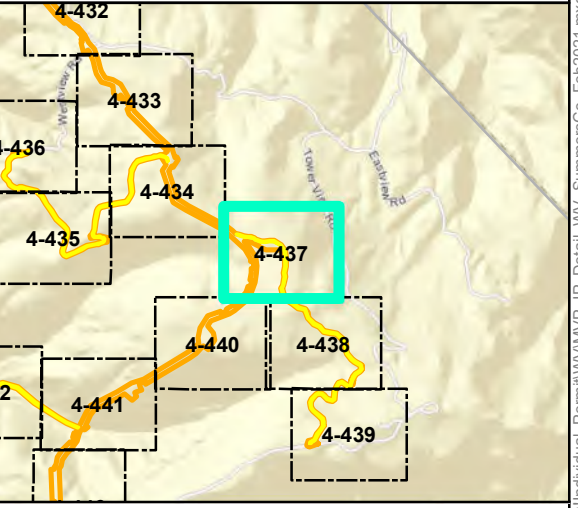
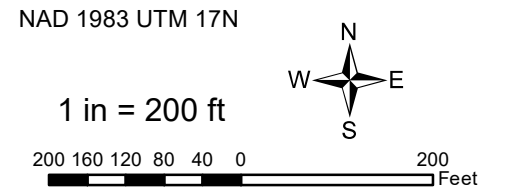




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ 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.



S-114 crossing complete (Table 10).  
Temporary crossing structure impact (Table 2).

S-113 crossing complete (Table 10).  
Temporary crossing structure impact (Table 2).

**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-437  
Summers 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\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd





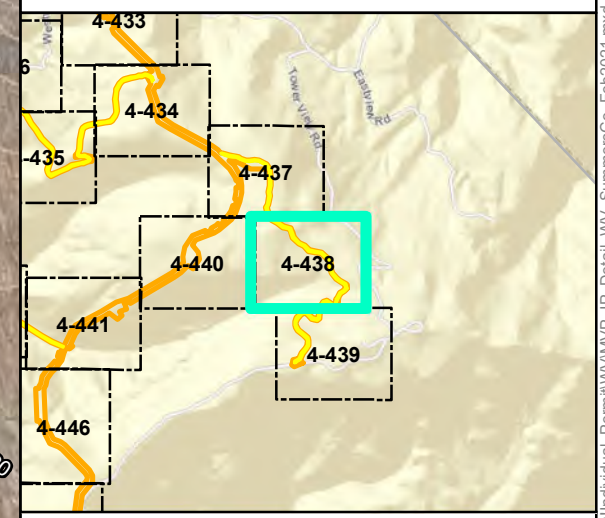
**Legend**

○ 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 4-438  
Summers 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\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd

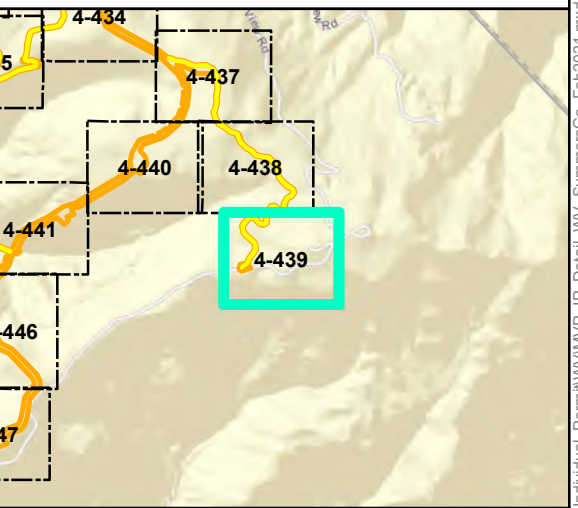
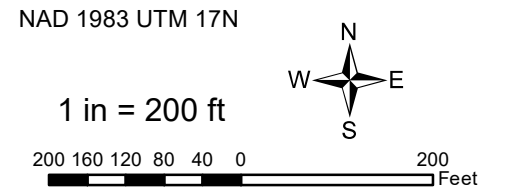




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ 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**

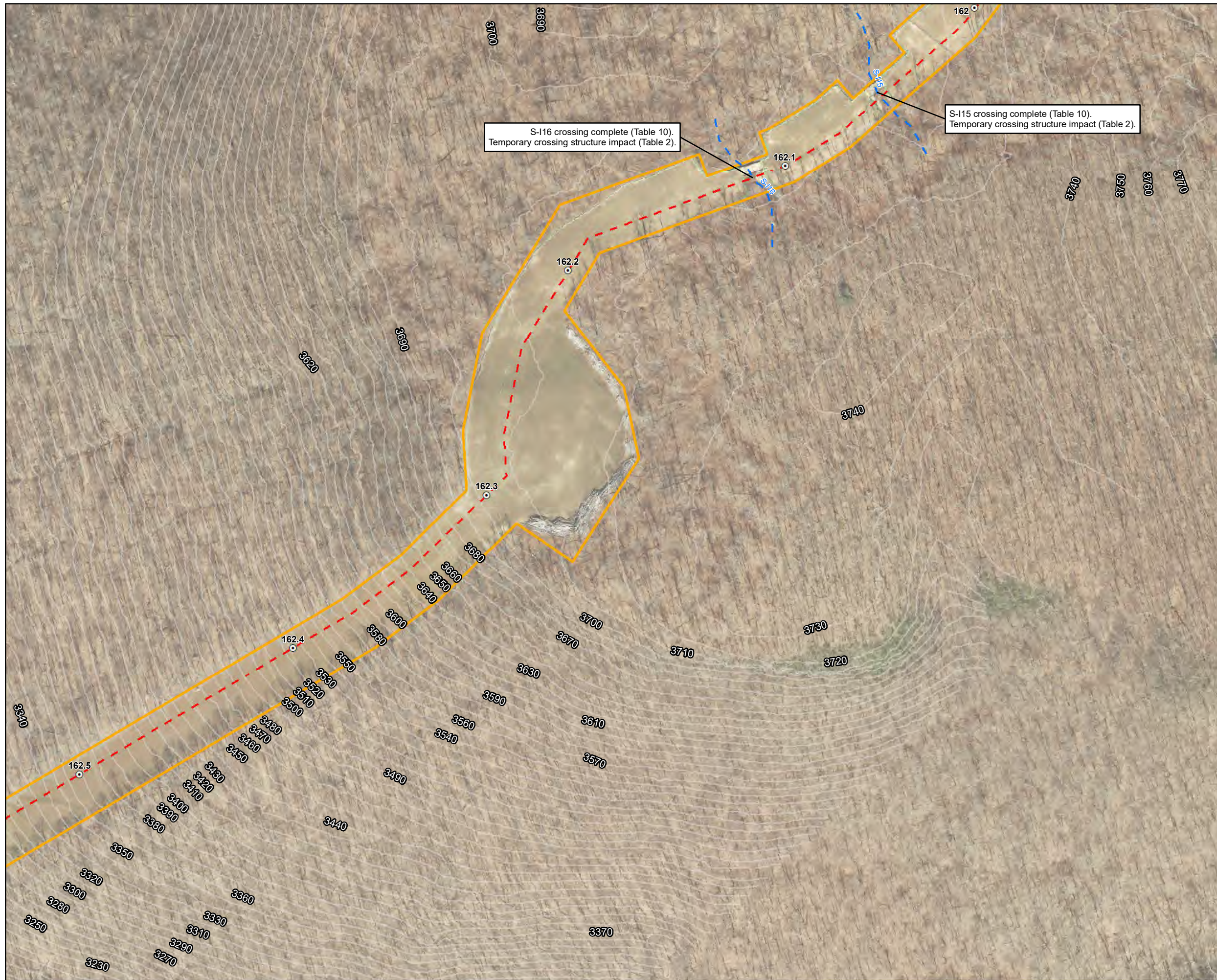
Figure 4-439  
Summers County, West Virginia

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\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd

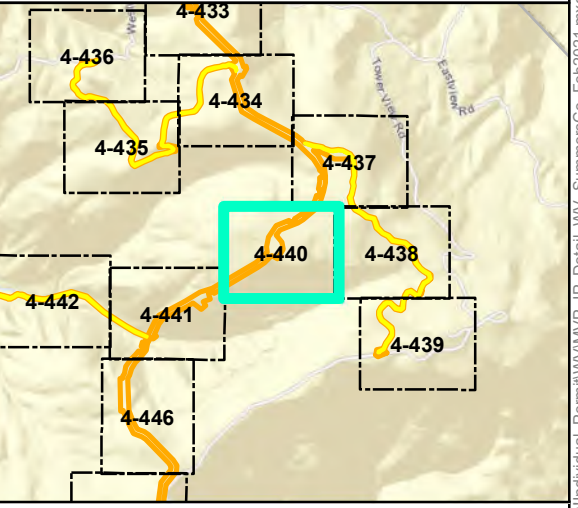
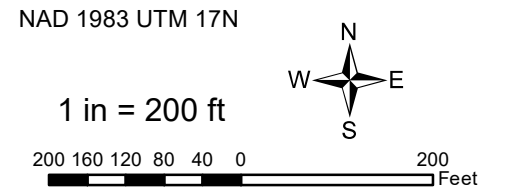




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ 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**



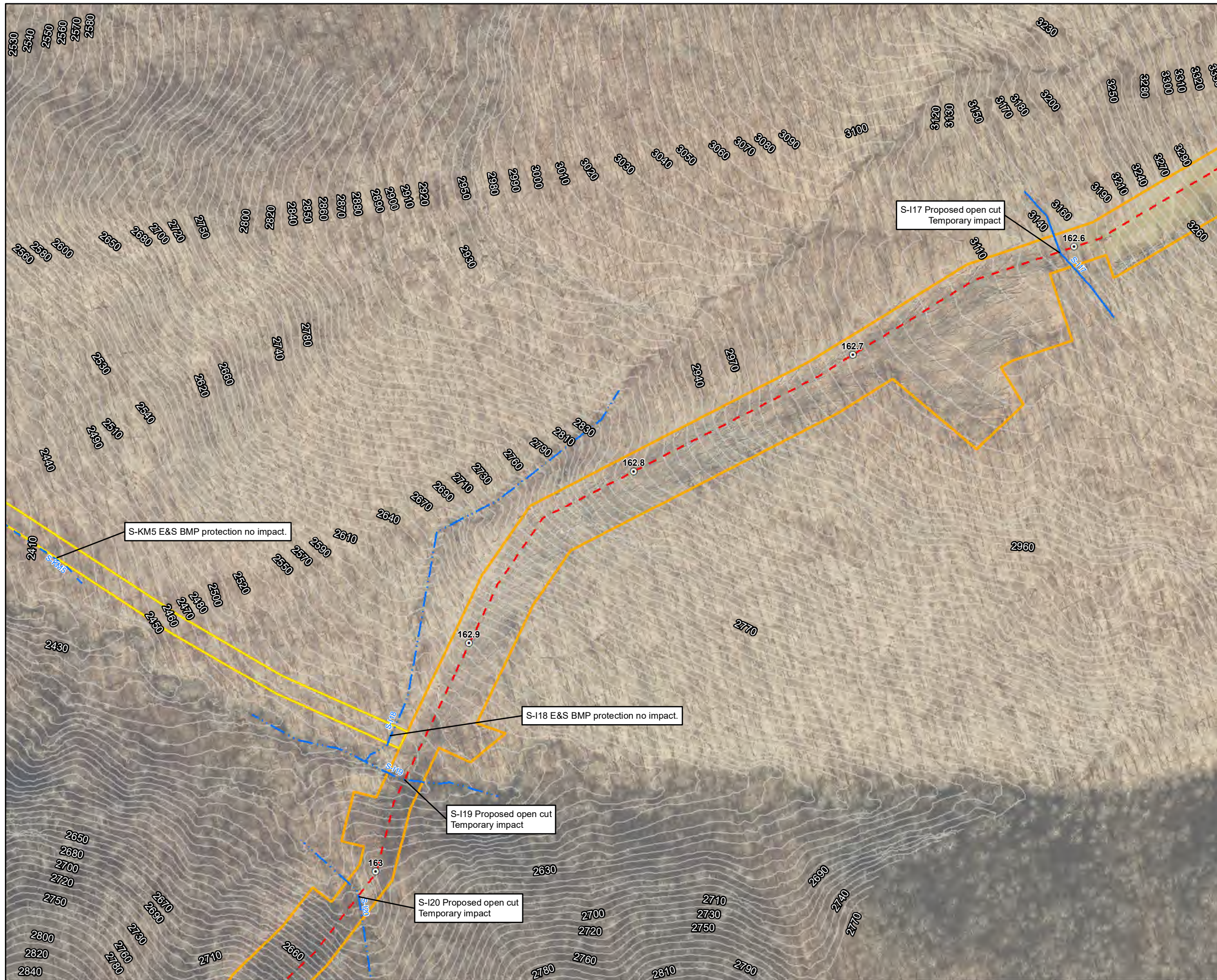
**Detail Map  
Individual Permit Application**

Figure 4-440  
Summers 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.

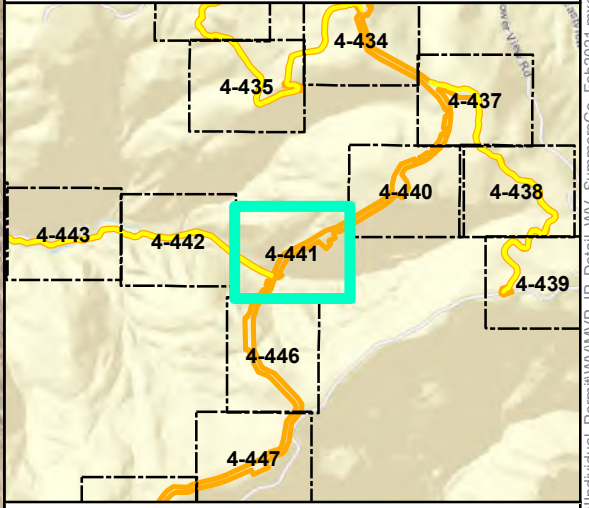
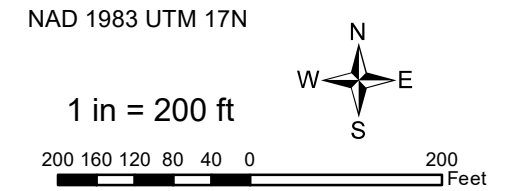
Document Path: P:\GIS\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd





- 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 4-441  
Summers 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.

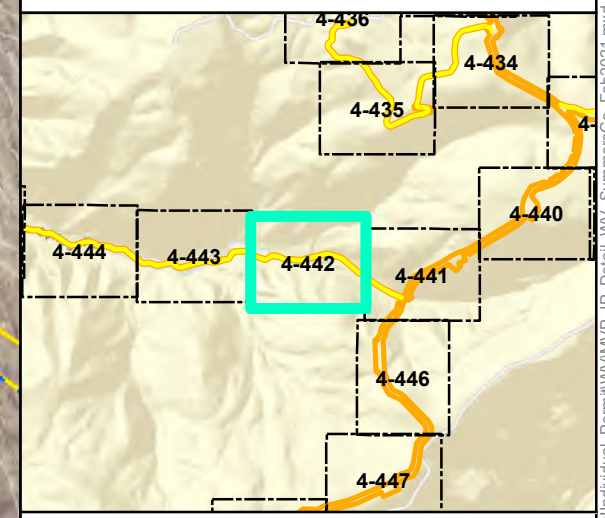
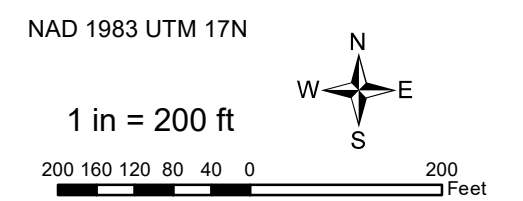
Document Path: P:\GIS\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd





- 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 4-442  
Summers 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\01\012\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd

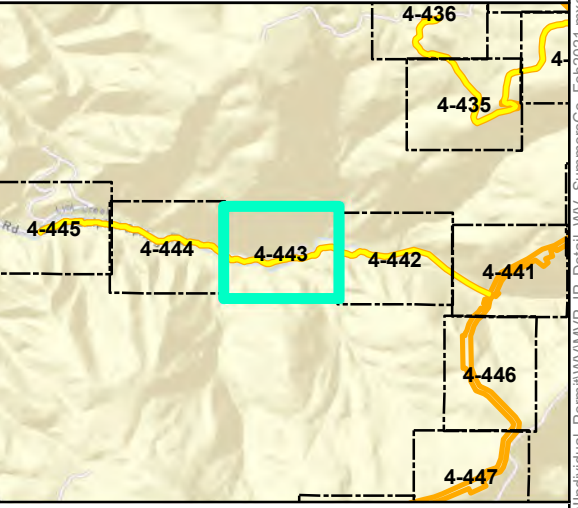
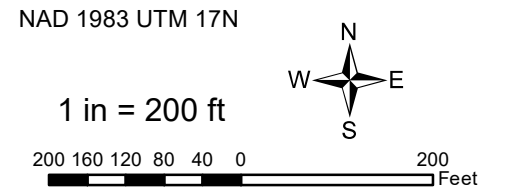




**Legend**

- 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 4-443  
Summers 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.

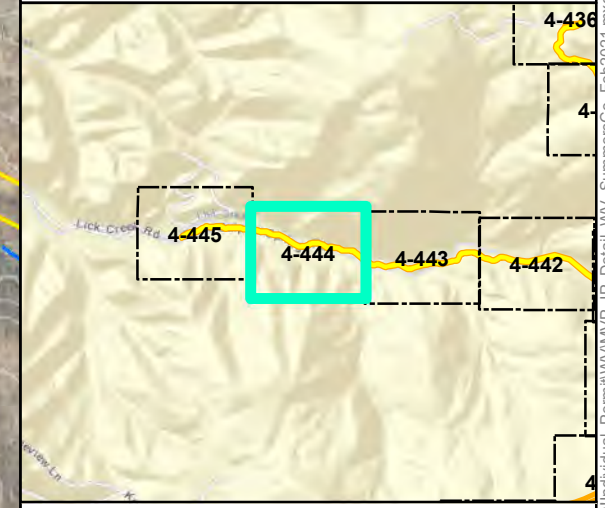
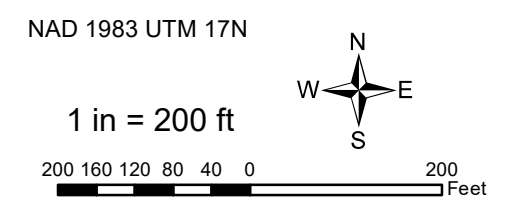
Document Path: P:\GIS\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd





- ### 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 4-444  
Summers 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\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\_MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd





**Legend**

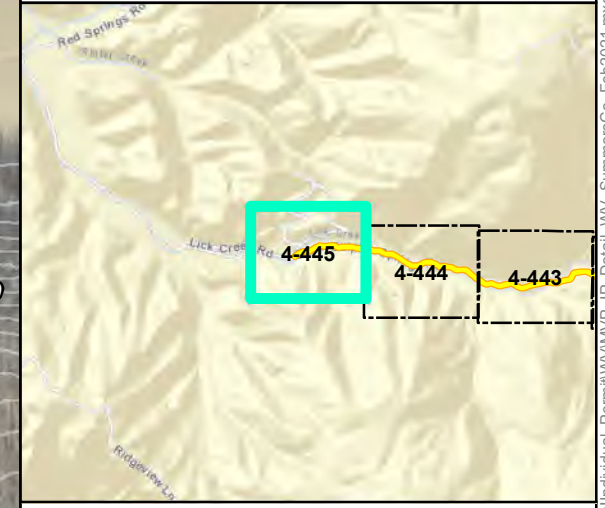
○ Milepost	Stream
- - - Alignment Centerline	- - - Intermittent
□ Access Road Temporary LOD	- · - · Perennial
□ Access Road Permanent LOD	— Ephemeral
□ Permanent Facility	▨ Pond
□ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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**

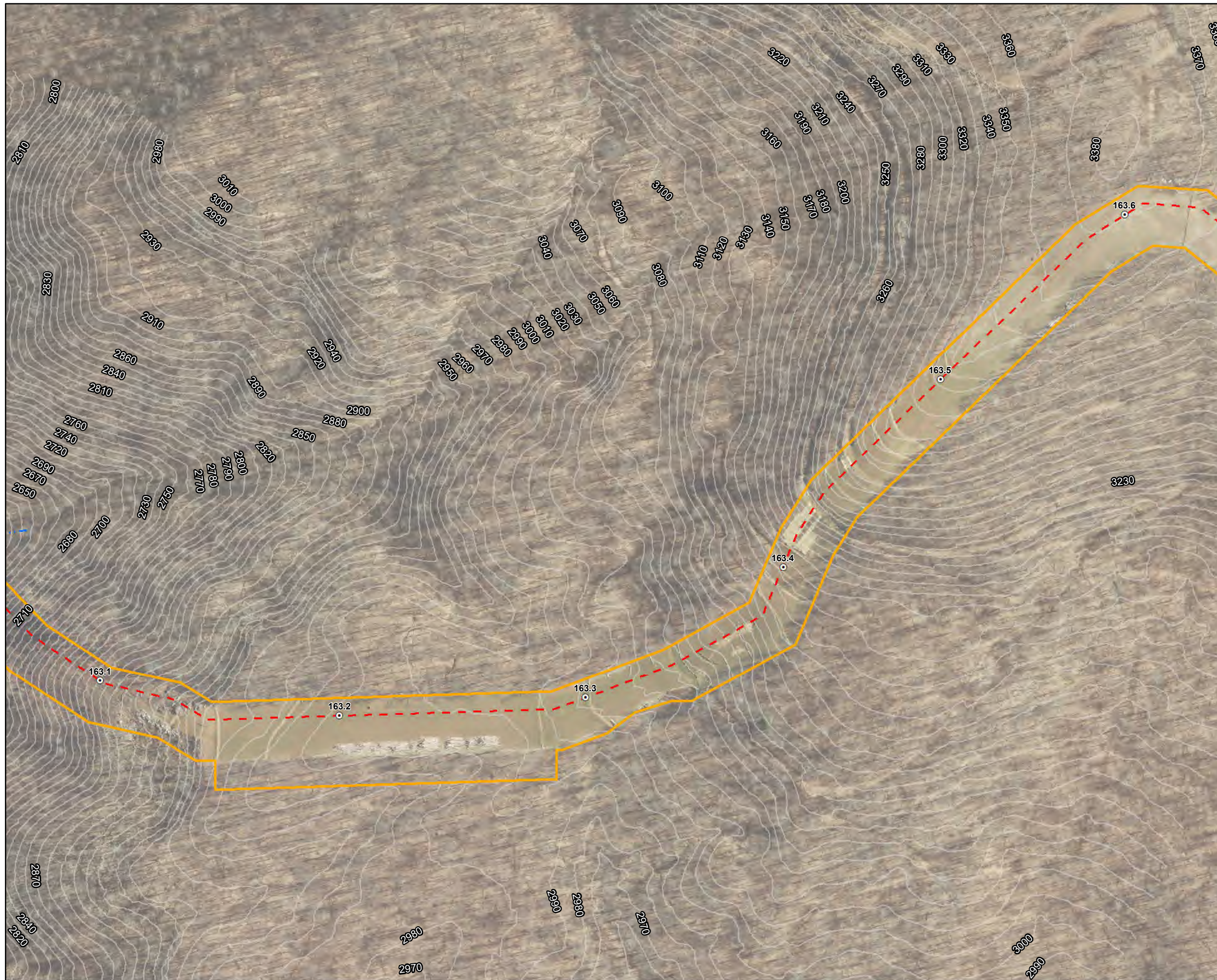
Figure 4-445  
Summers County, West Virginia

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: PGH \tts01\01s2\GIS\GIS\EQT\_MVP\Mapdocs\Wetlands\Individual\_Permit\WV\_MVP\IP\_Detail\_WV\_SummersCo\_Feb2021.mxd





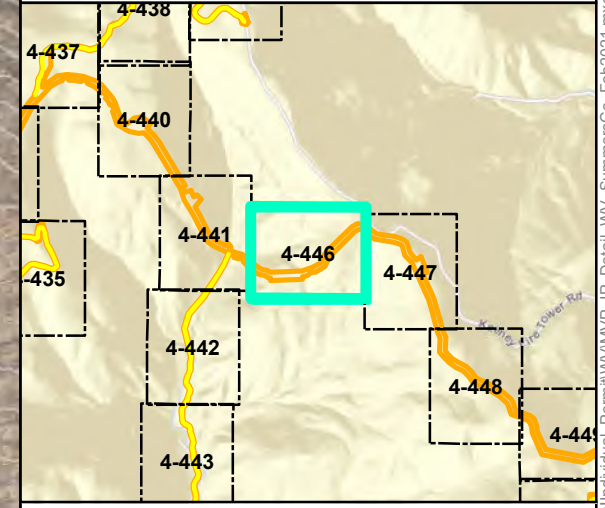
### Legend

○ 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 4-446  
Summers 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.

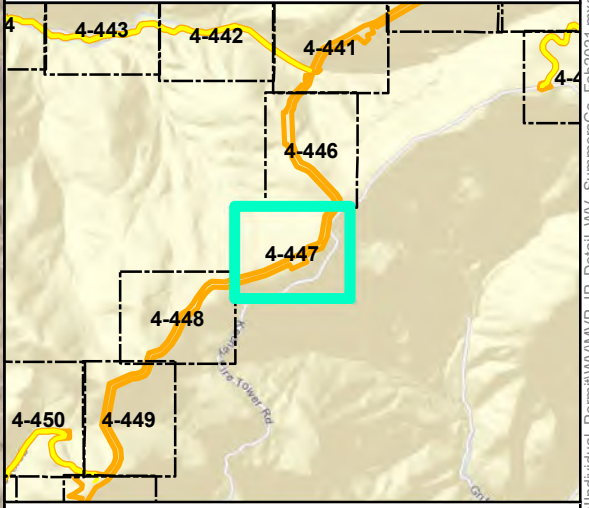
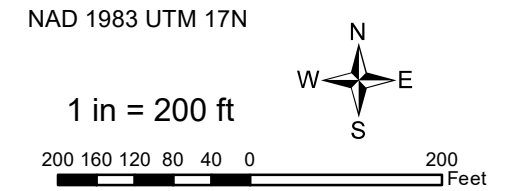
Document Path: P:\GIS\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd





- 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 4-447  
Summers 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\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd

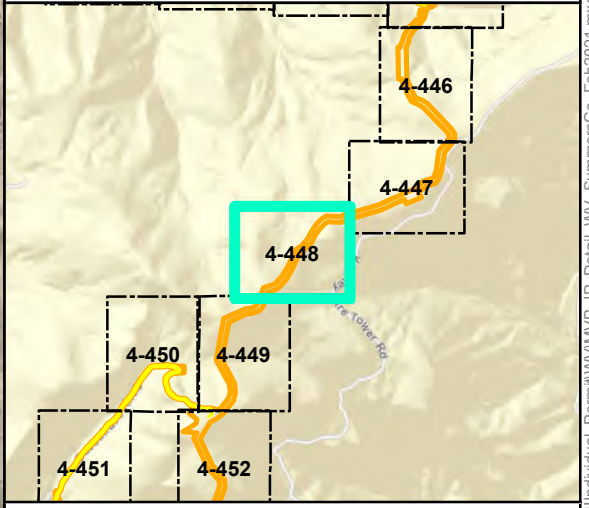
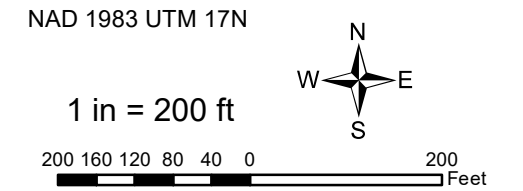




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ 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 4-448  
Summers 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\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd





**Legend**

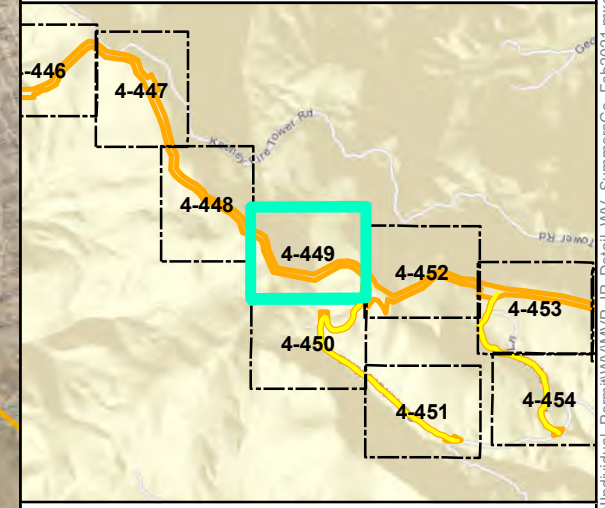
○ Milepost	Stream
- - - Alignment Centerline	- - - Intermittent
□ Access Road Temporary LOD	- · - · - Perennial
□ Access Road Permanent LOD	— Ephemeral
□ Permanent Facility	▨ Pond
□ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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 4-449  
Summers 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.

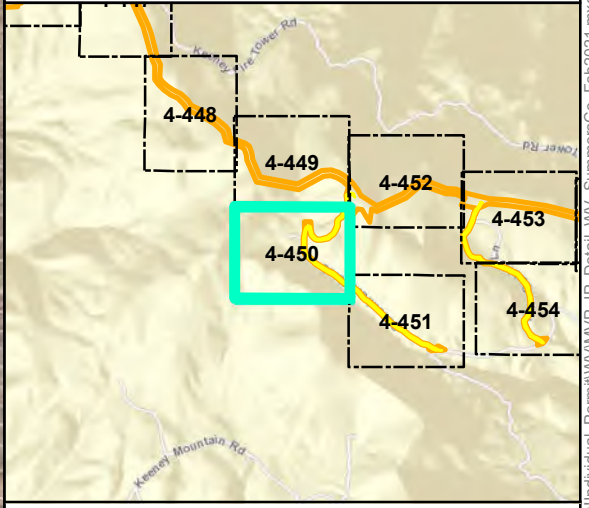
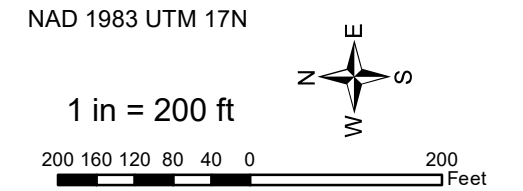
Document Path: P:\GIS\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd





- 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**



Figure 4-450  
Summers 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.





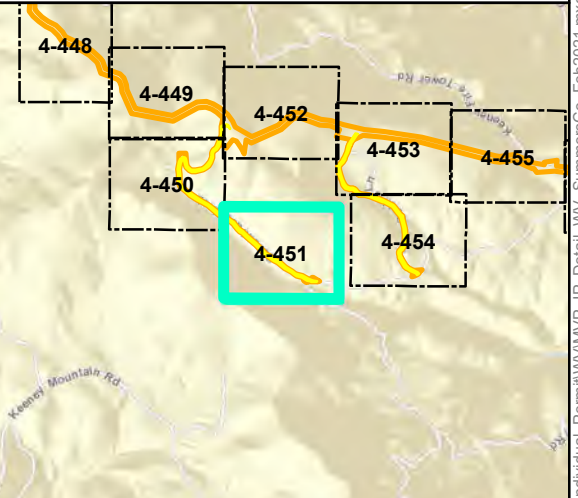
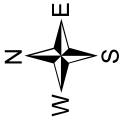
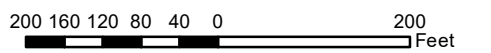
**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | 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 4-451  
Summers 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.

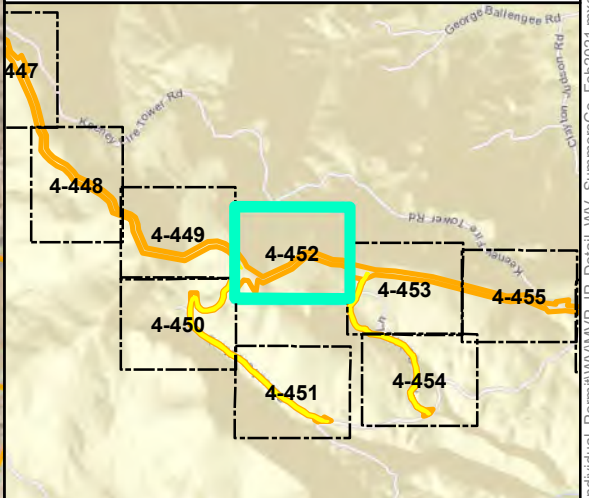
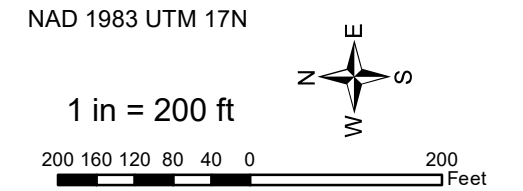
Document Path: P:\GIS\2021\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd





- 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 4-452  
Summers 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\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd





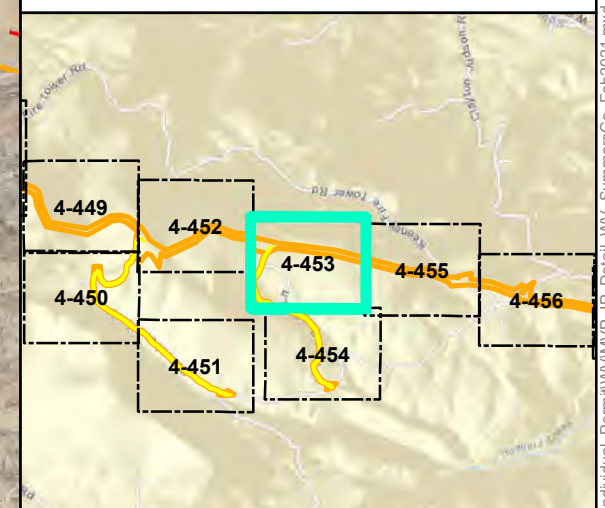
**Legend**

○ 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**

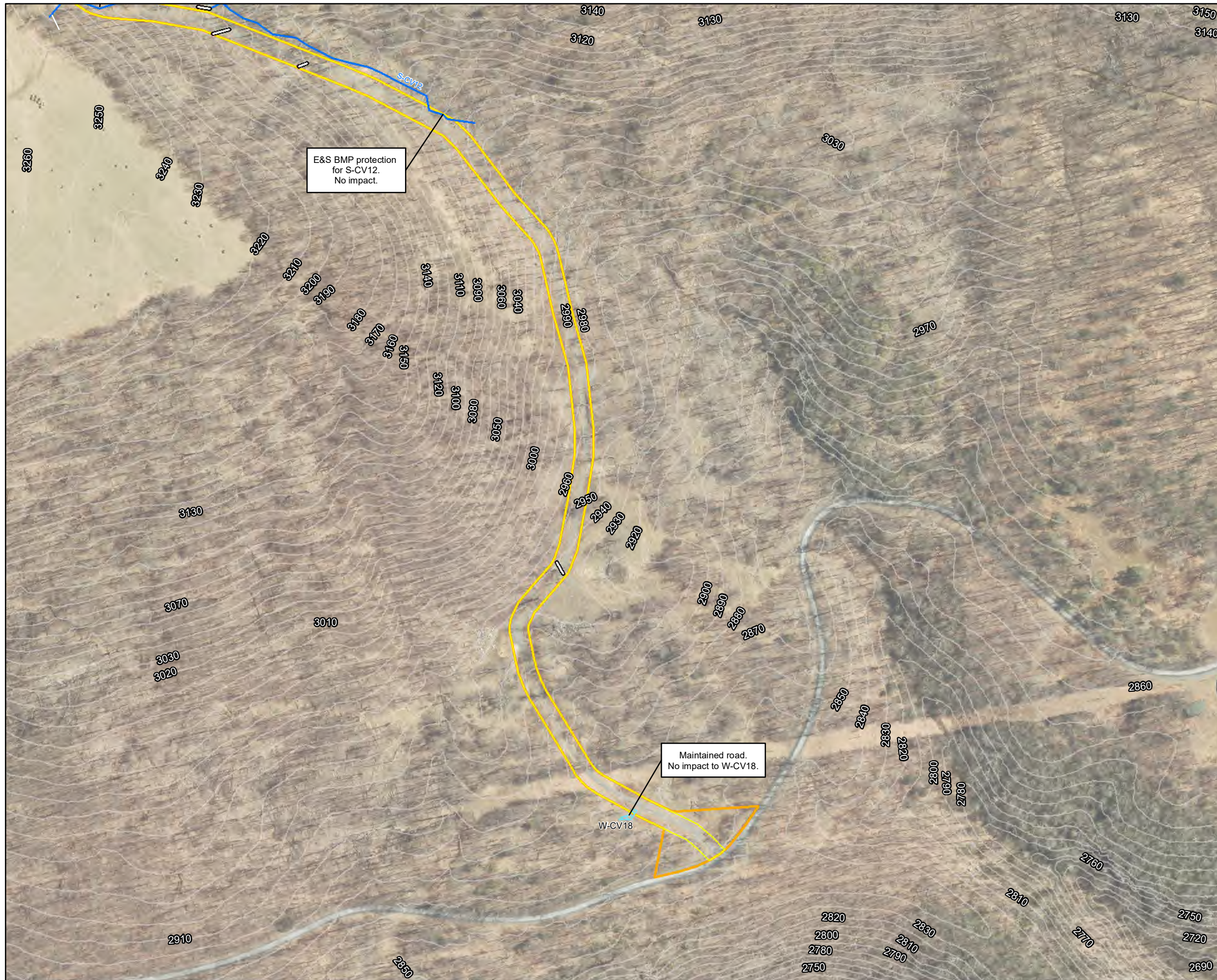
Figure 4-453  
Summers County, West Virginia

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.

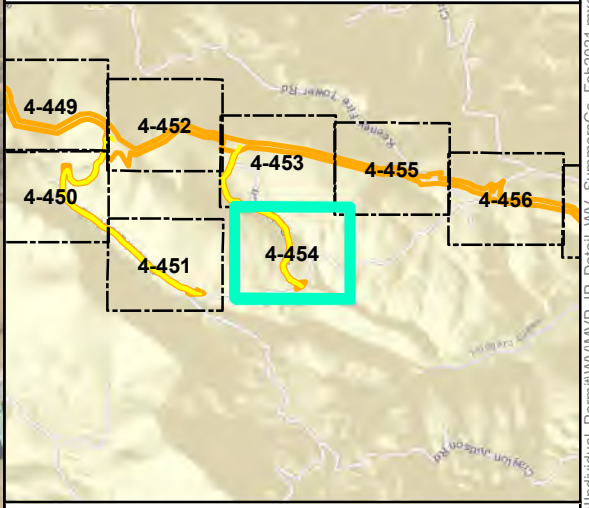
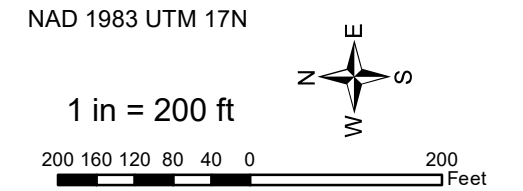
Document Path: P:\GIS\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd





- 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 4-454  
Summers 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\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_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 4-455  
Summers 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\2021\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd

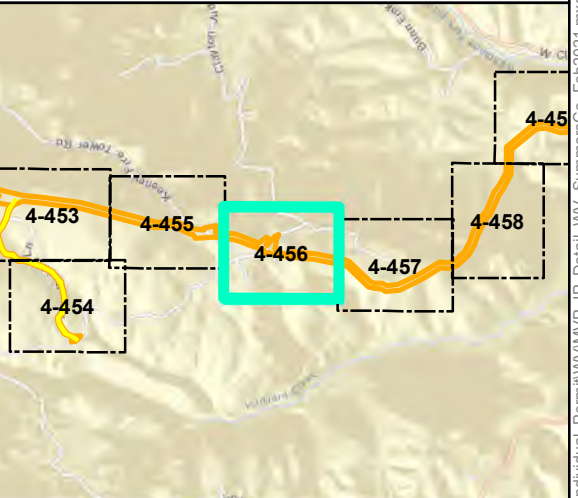
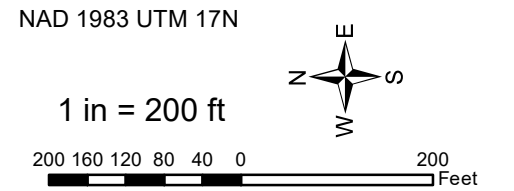




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ 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 4-456  
Summers 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\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd



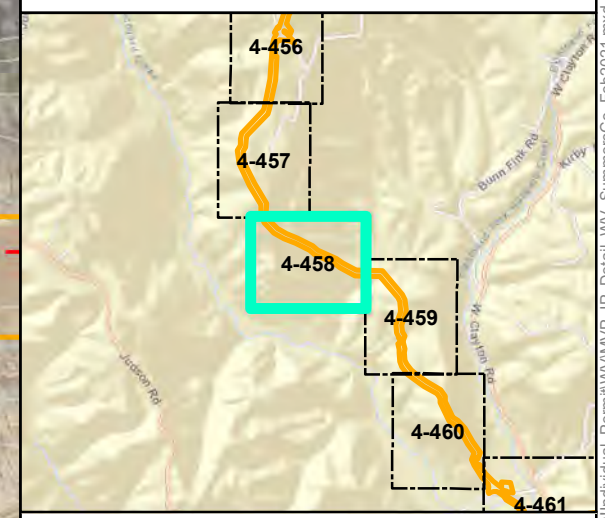
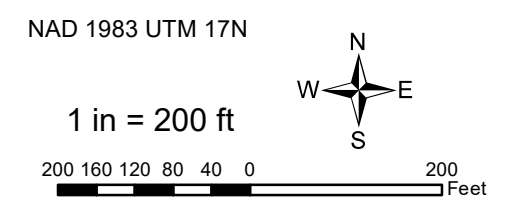






- Legend**
- Milepost
  - - - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - ▬ Culvert
  - Stream
  - Intermittent
  - Perennial
  - Ephemeral
  - ▨ Pond
  - ▨ Wetland
    - ▨ Palustrine Forested
    - ▨ 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 4-458  
Summers 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: PGH \GIS\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd





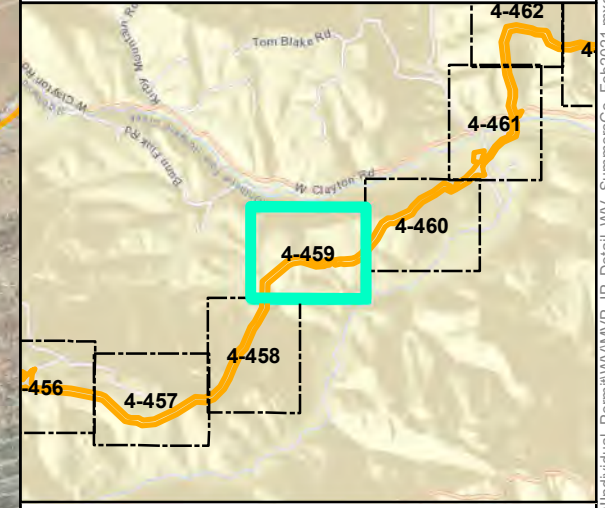
### Legend

○ 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 4-459  
Summers 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.

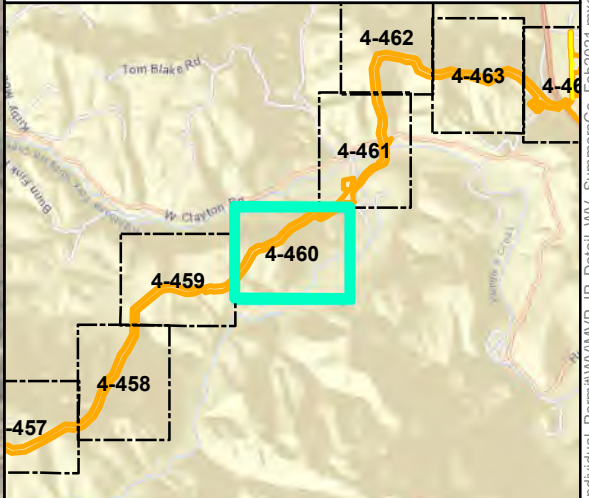
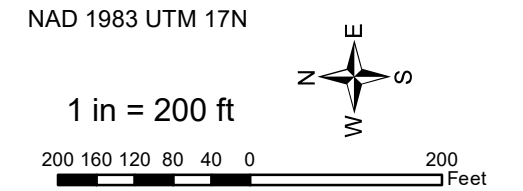
Document Path: P:\GIS\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd





- 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**

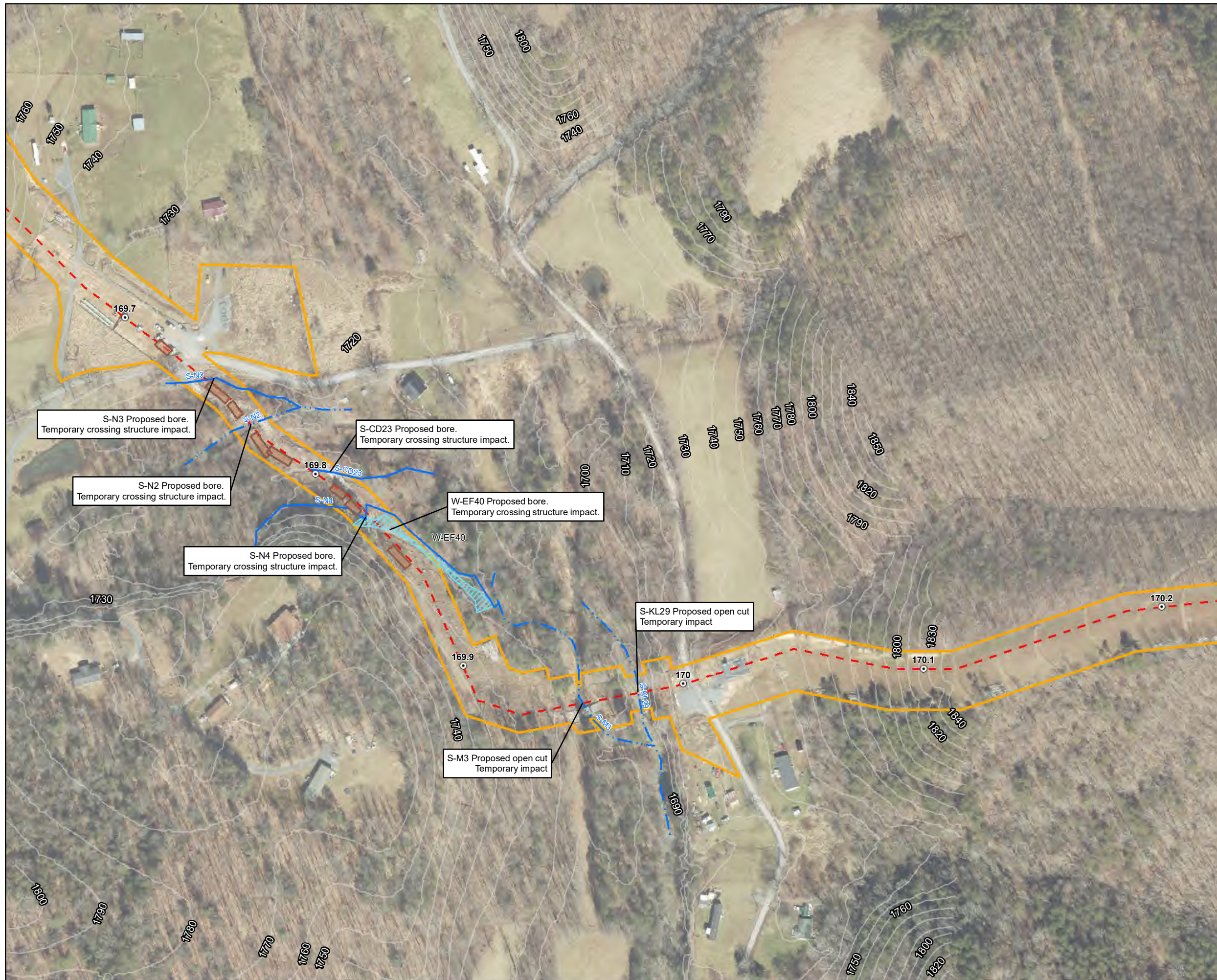
Figure 4-460  
Summers County, West Virginia

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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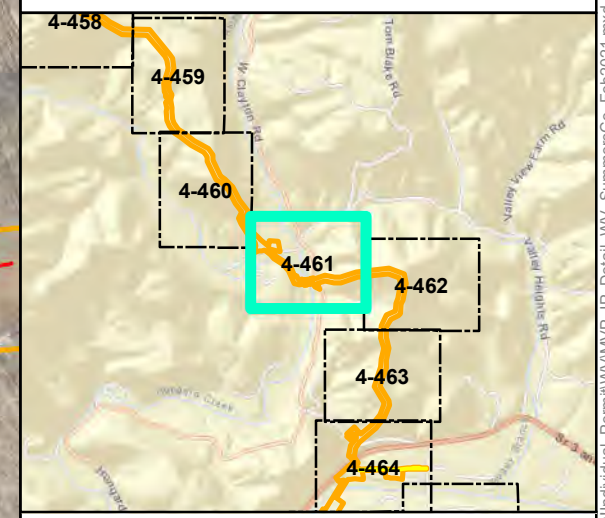
**Legend**

○ 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 4-461  
Summers 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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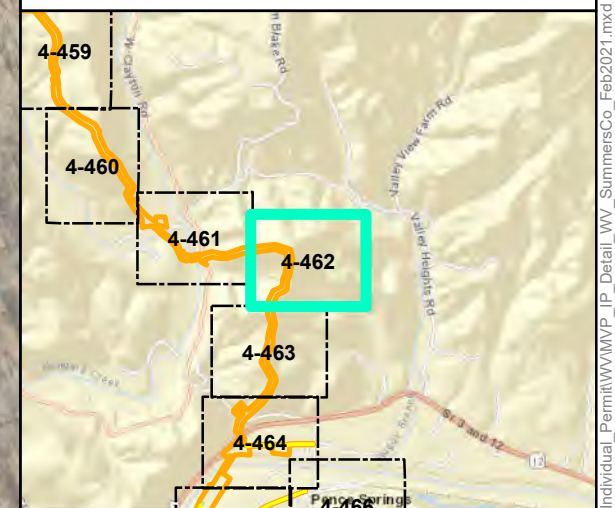
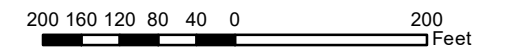
**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ⊙ 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 4-462  
Summers 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\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\_MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd





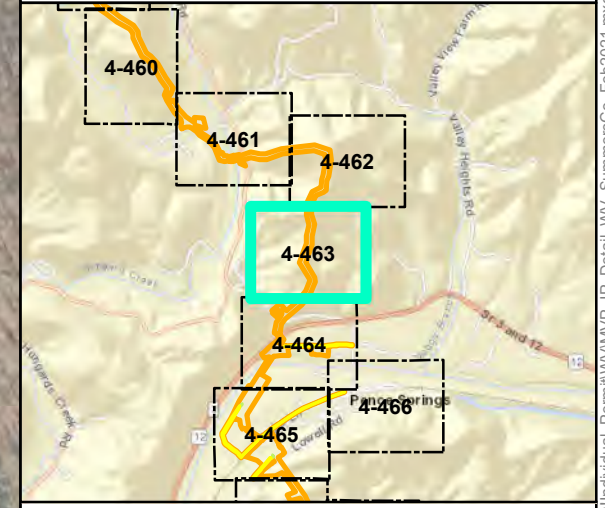
**Legend**

○ 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 4-463  
Summers 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: PGH \tts01\01s2\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd





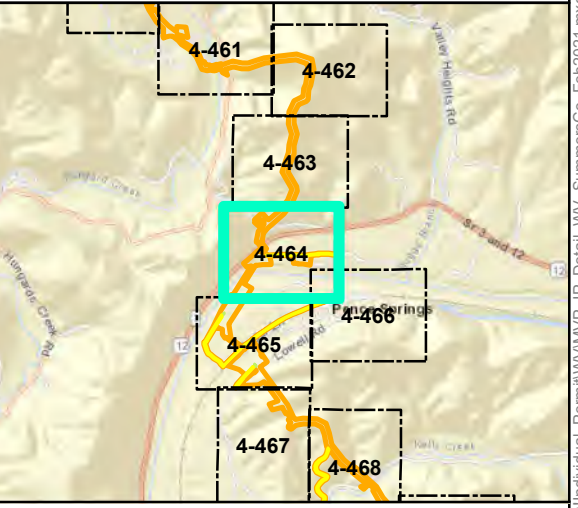
**Legend**

○ 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**

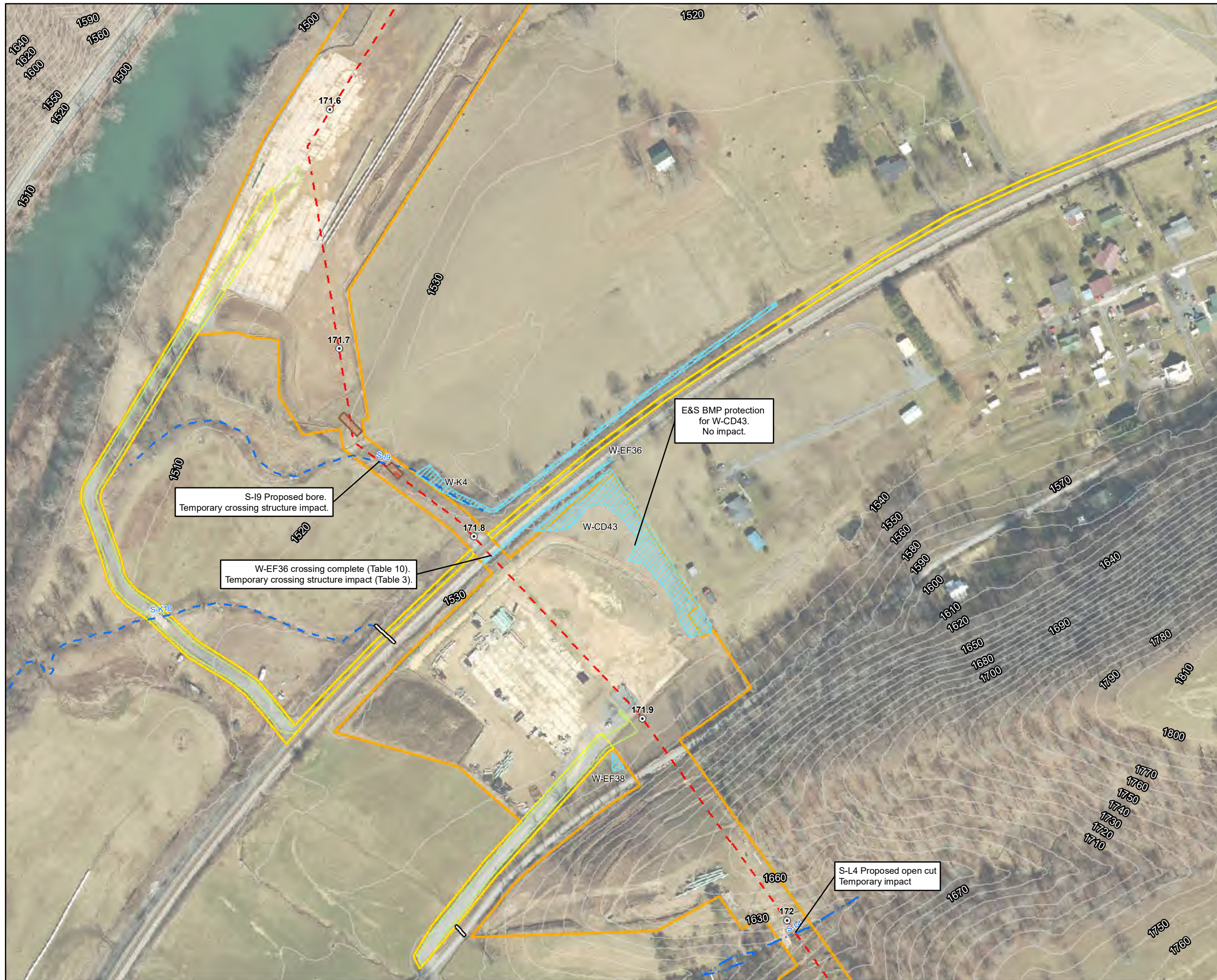
Figure 4-464  
Summers County, West Virginia

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.

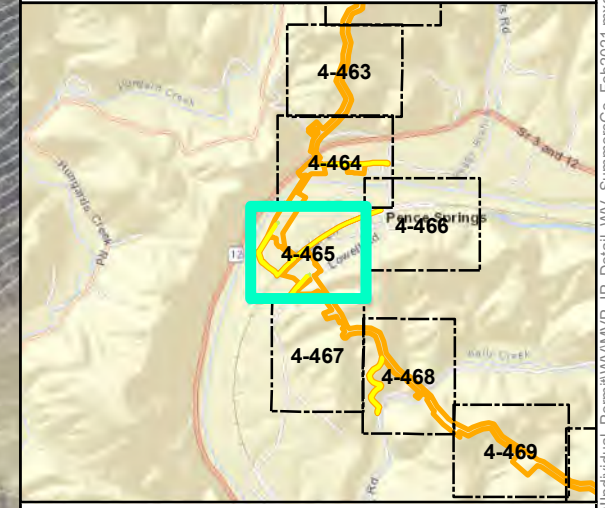
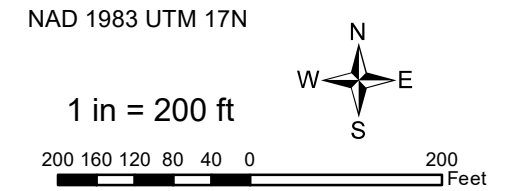
Document Path: P:\GIS\2021\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd





- 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 4-465  
Summers 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: PGH \tiss01\052\GIS\GIS\EQT\_MVP\Mapdocs\Wetlands\Individual\_Permit\WV\_MVP\_Detail\WV\_SummersCo\_Feb2021.mxd

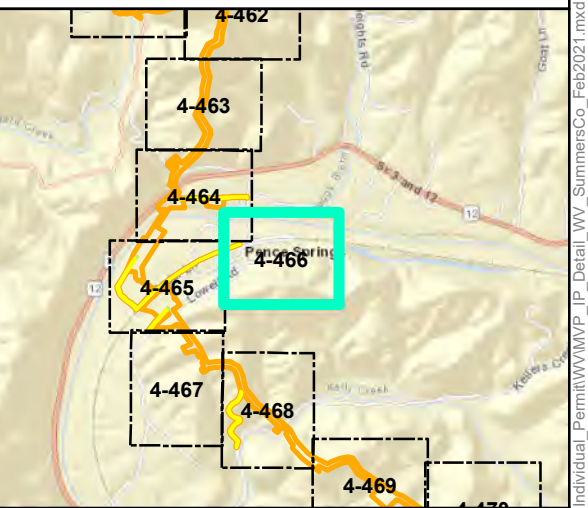
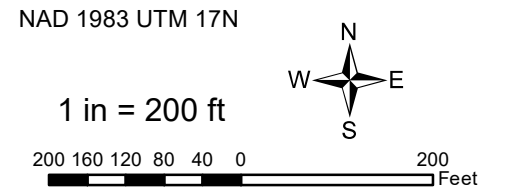




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ⊙ 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 4-466  
Summers 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\01\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\_WV\_SummersCo\_Feb2021.mxd

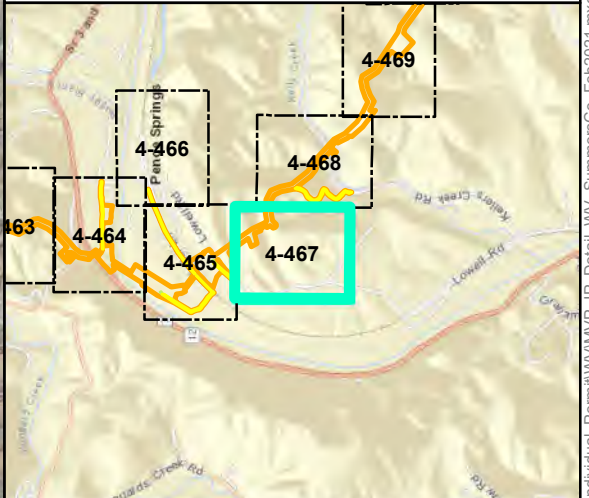
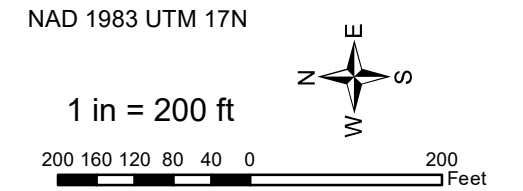




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ 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 4-467  
Summers 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.

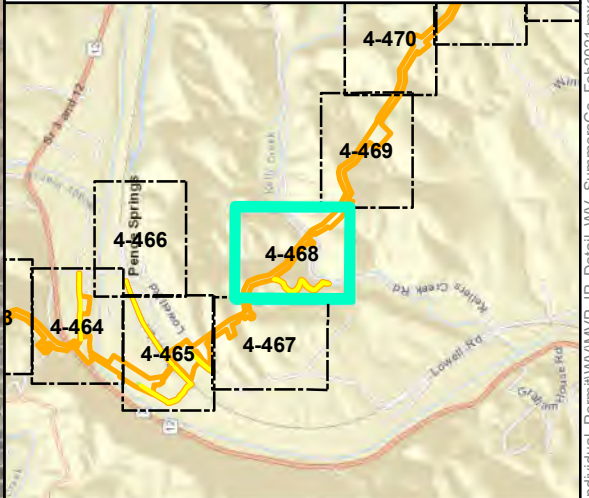
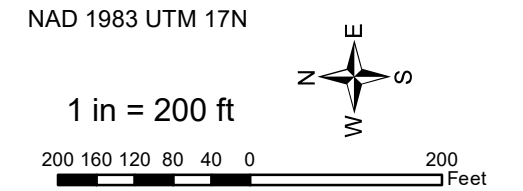
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- Legend**
- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| □ 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 4-468  
Summers 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.

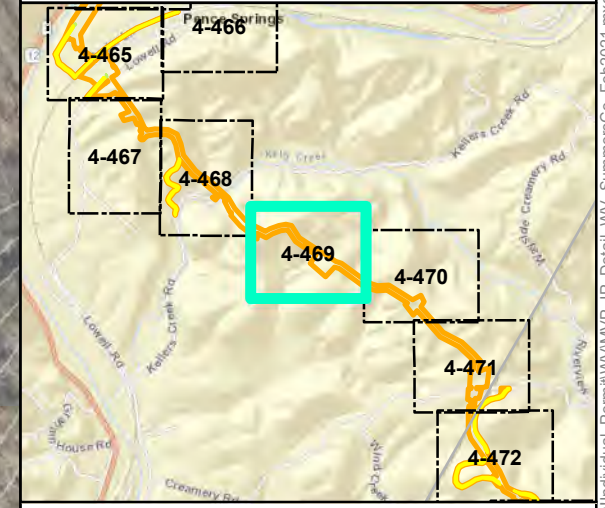
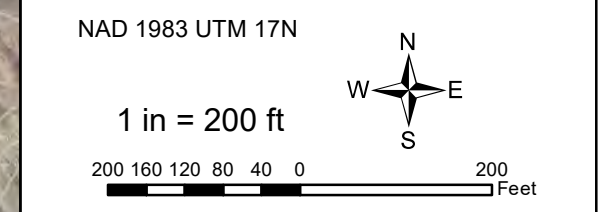
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- Legend**
- Milepost
  - Alignment Centerline
  - Access Road Temporary LOD
  - Access Road Permanent LOD
  - Permanent Facility
  - Limit of Disturbance
  - Bore Pit
  - Culvert
  - Stream
  - Intermittent
  - Perennial
  - Ephemeral
  - ▨ Pond
  - 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 4-469  
Summers 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\2021\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd

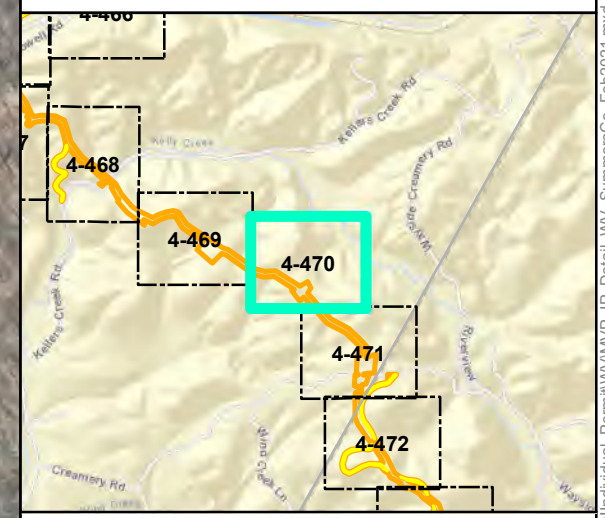
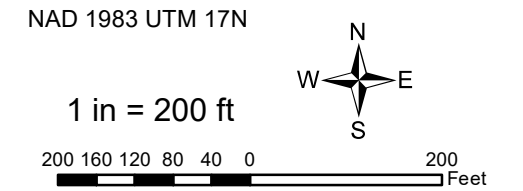




**Legend**

- |                             |                          |
|-----------------------------|--------------------------|
| ○ 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 4-470  
Summers 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\01052\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\WV\_SummersCo\_Feb2021.mxd

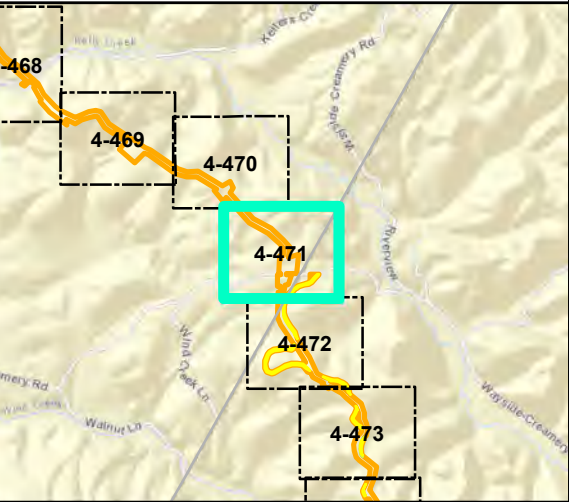
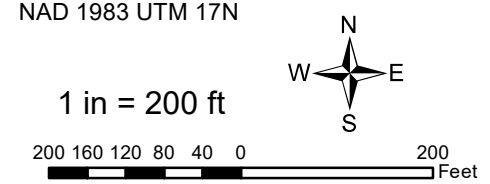




S-G47 crossing complete (Table 10).  
Temporary crossing structure impact (Table 2).  
W-G7 crossing complete (Table 10).  
Temporary crossing structure impact (Table 3).

- 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 4-471  
Summers 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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