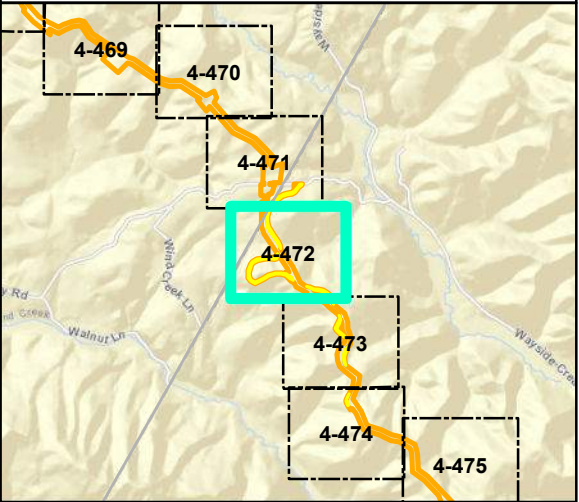
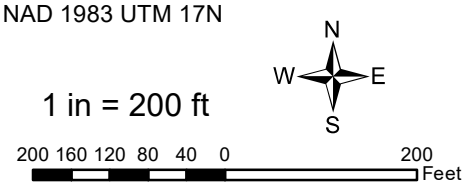


- Legend**
- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| □ Access Road Temporary LOD | - · - · - Perennial      |
| □ 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 4-472  
Monroe County, West Virginia

October 2022

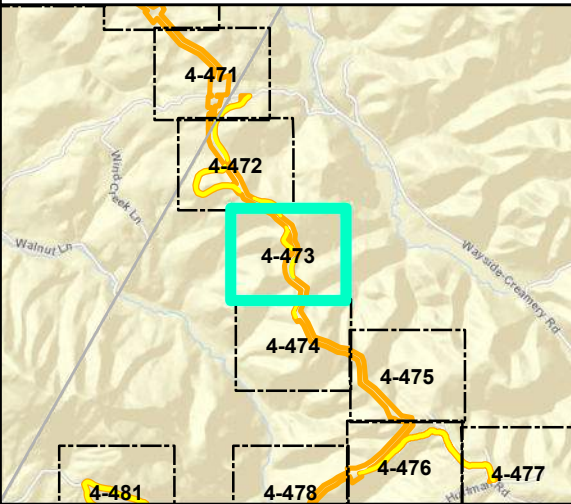
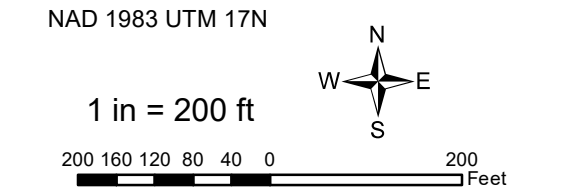
Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





- 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.



## Mountain Valley Pipeline Project



### Detail Map Individual Permit Application

Figure 4-473  
Monroe County, West Virginia

October 2022

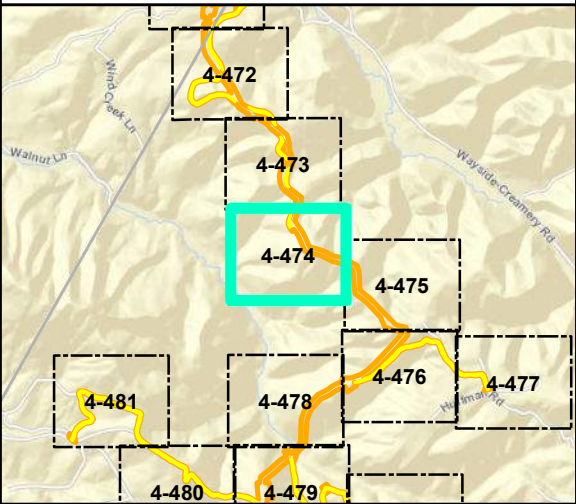
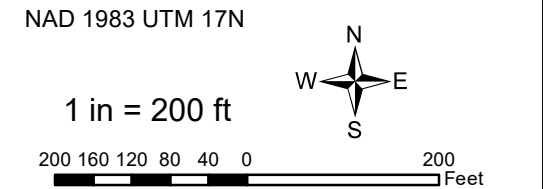
Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





- 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.



## Mountain Valley Pipeline Project



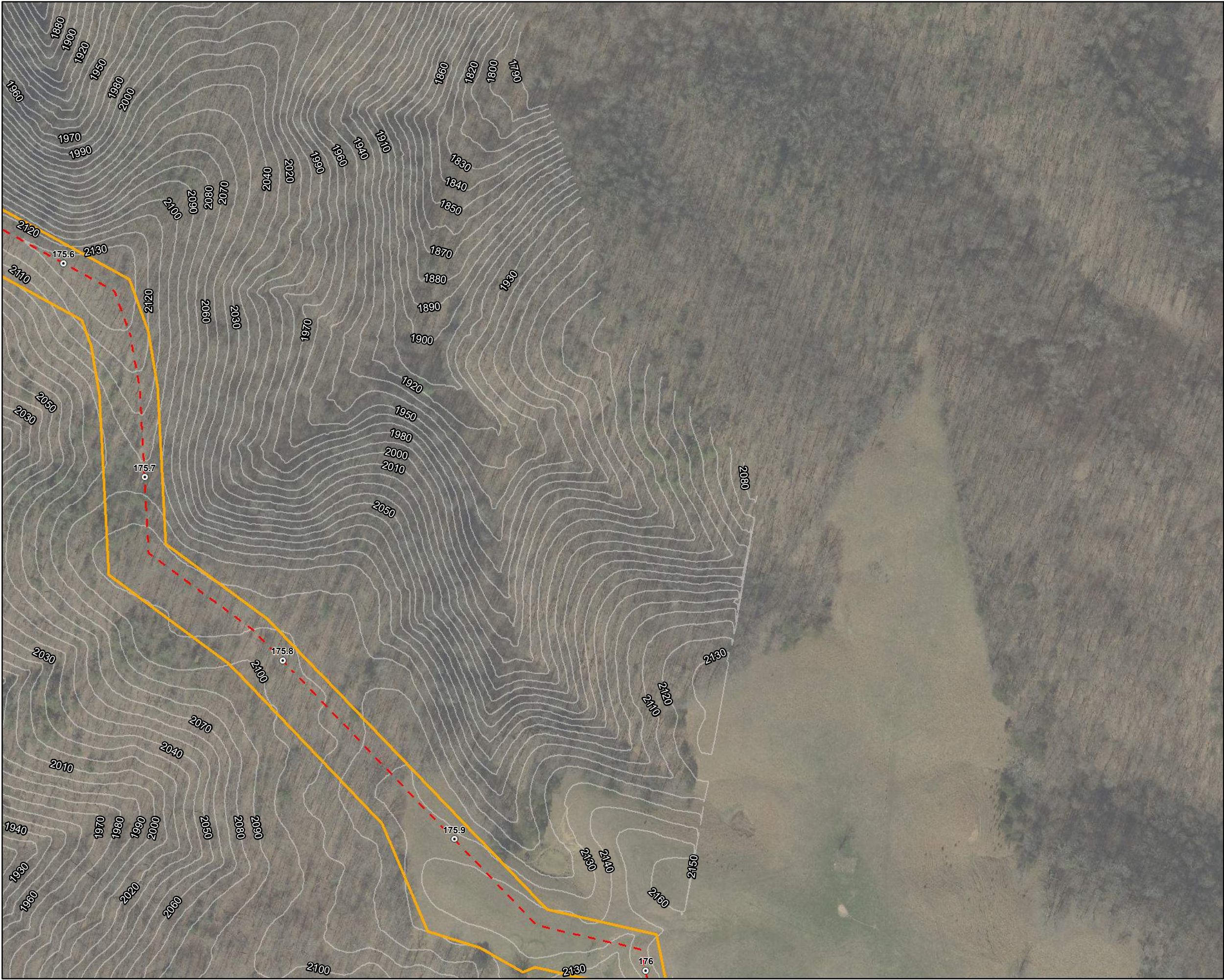
### Detail Map Individual Permit Application

Figure 4-474  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
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	<b>Wetland</b>
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**

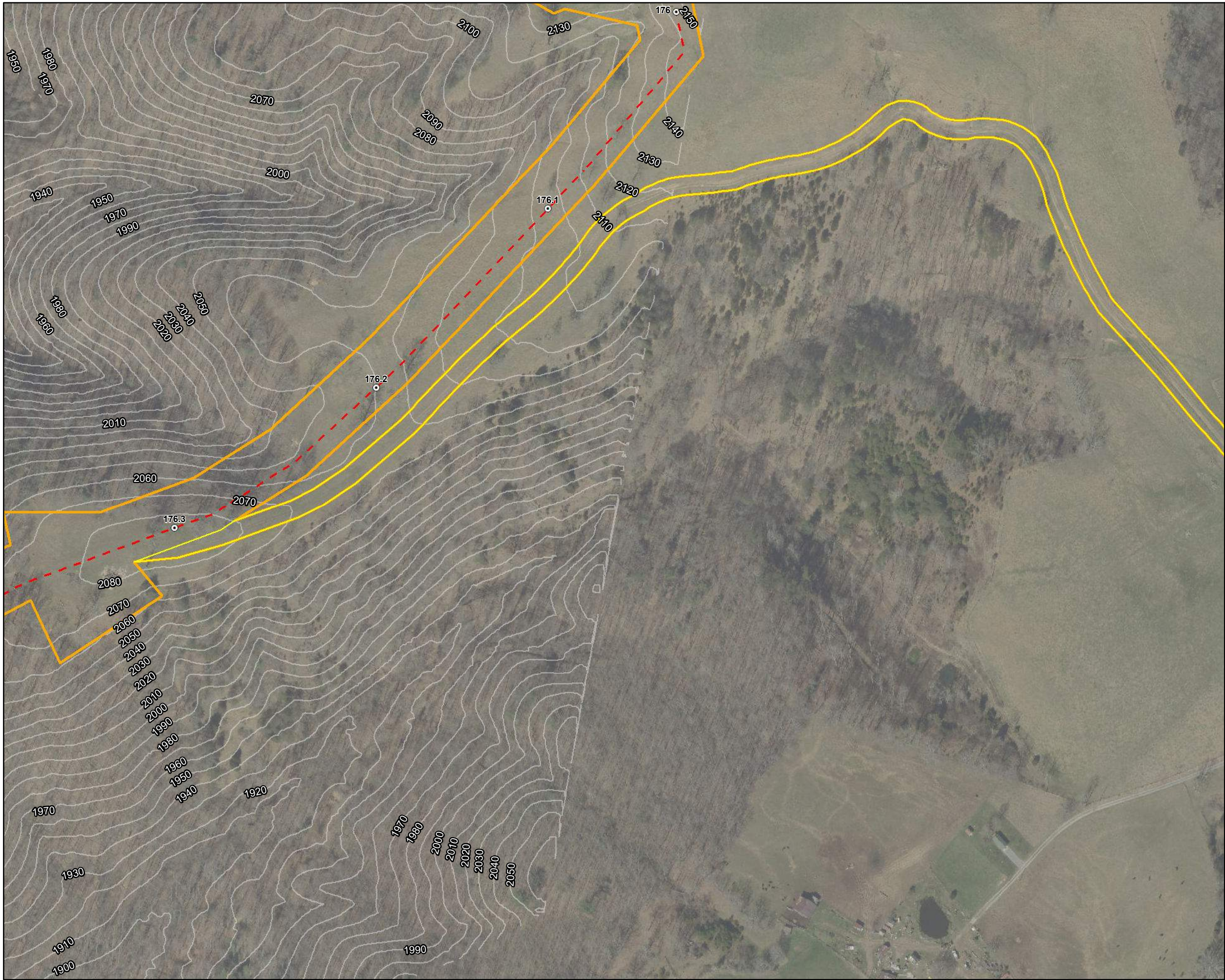
**Detail Map**  
**Individual Permit Application**

Figure 4-475  
*Monroe County, West Virginia*

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
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.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0

200 Feet

N

W

E

S

Mountain Valley Pipeline Project

Mountain Valley

PIPELINE

Detail Map

Individual Permit Application

Figure 4-476

Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

Document Path: P:\GIS\EQ\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MonroeCo\_Oct2022.mxd





### Legend

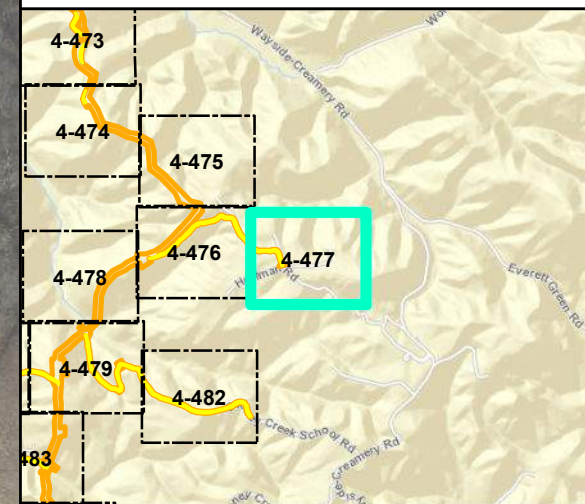
- |                             |                          |
|-----------------------------|--------------------------|
| ⊙ Milepost                  | Stream                   |
| --- Alignment Centerline    | --- Intermittent         |
| □ Access Road Temporary LOD | --- Perennial            |
| □ 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



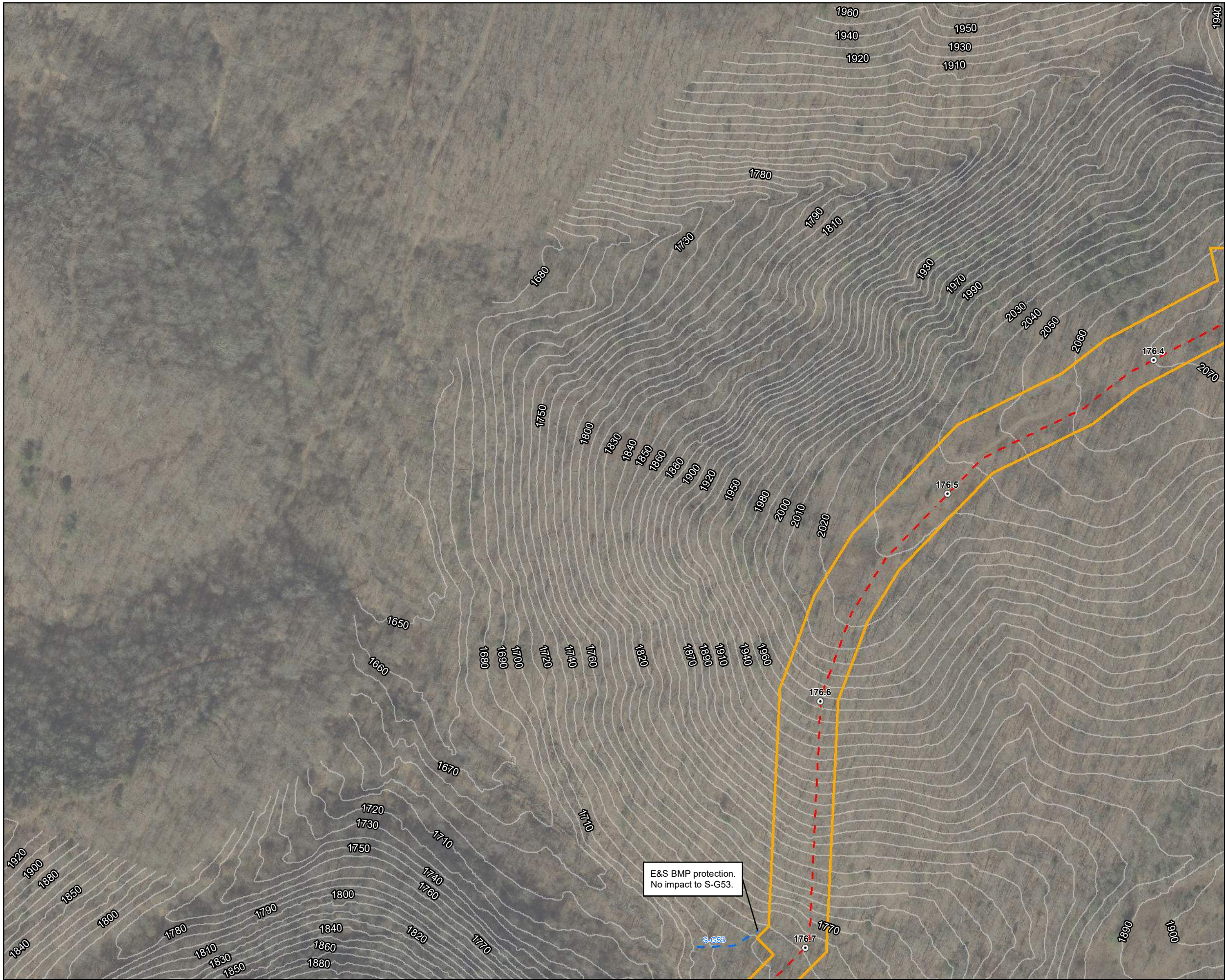
### Detail Map Individual Permit Application

Figure 4-477  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





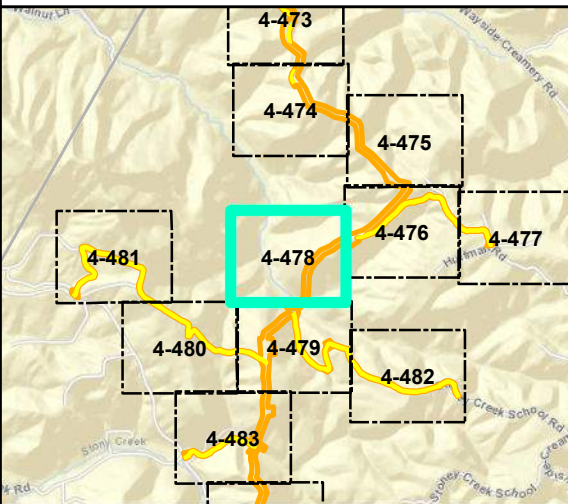
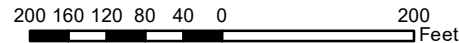
**Legend**

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



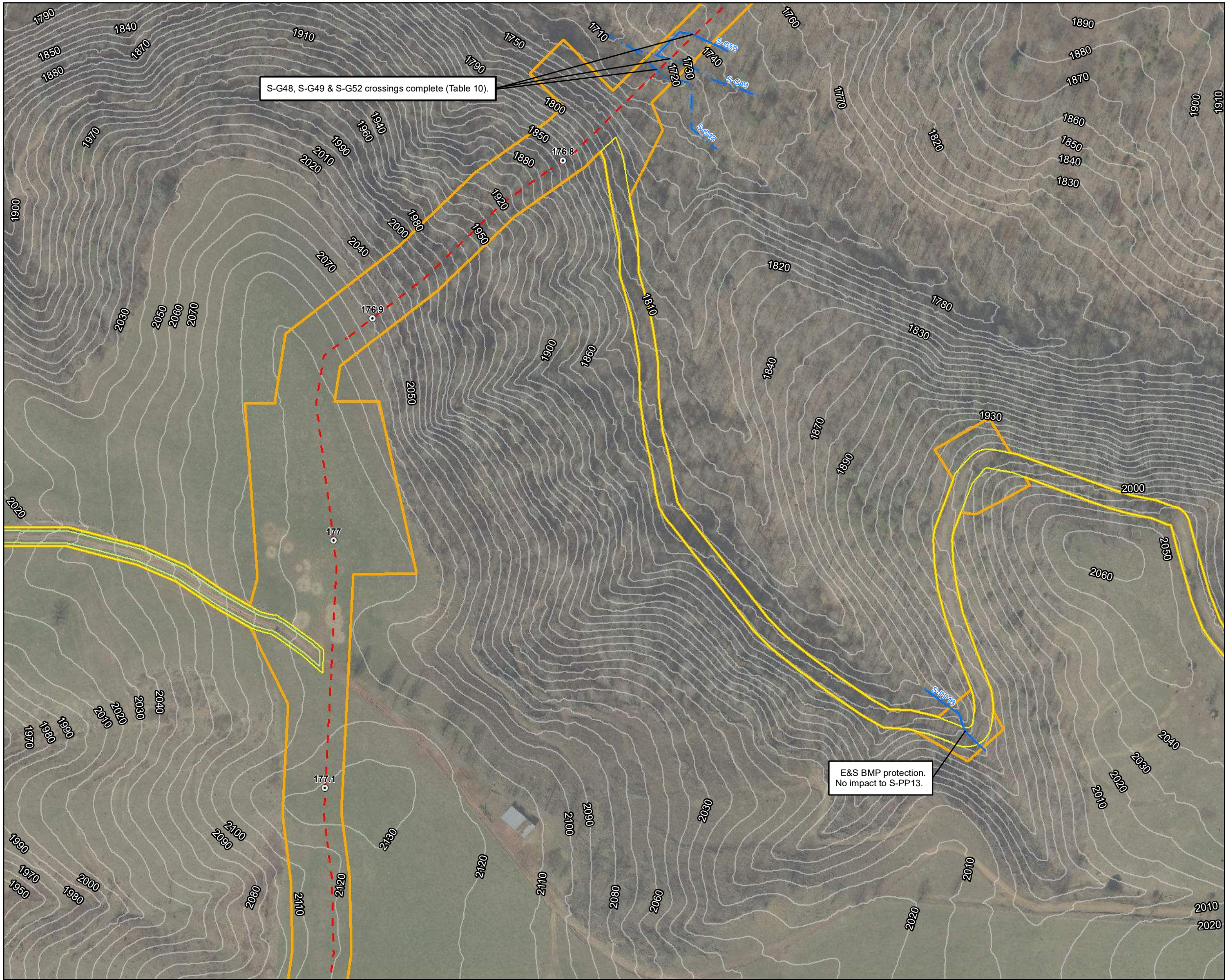
**Detail Map  
Individual Permit Application**

Figure 4-478  
*Monroe County, West Virginia*

October 2022

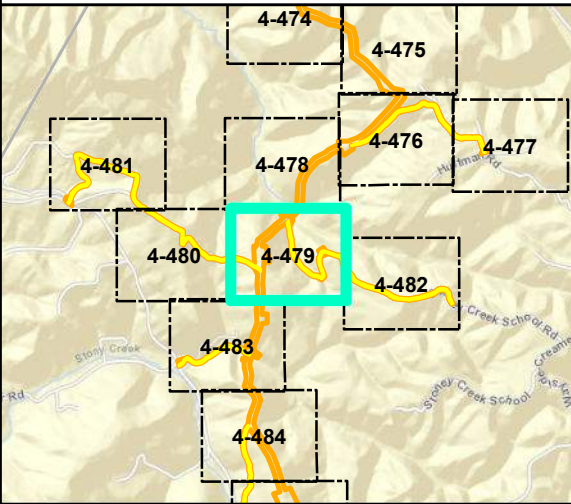
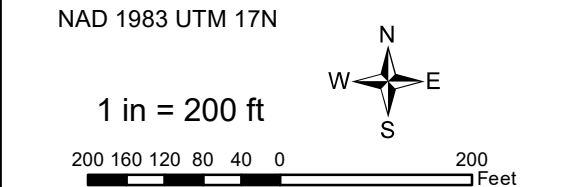
Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





- 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.



## Mountain Valley Pipeline Project



### Detail Map Individual Permit Application

Figure 4-479  
Monroe County, West Virginia

October 2022

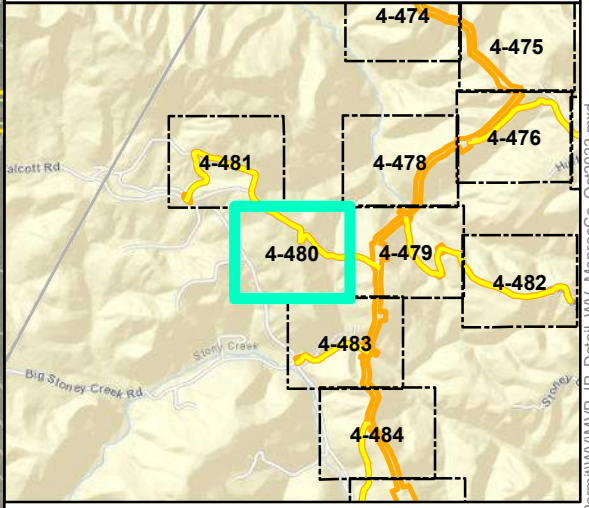
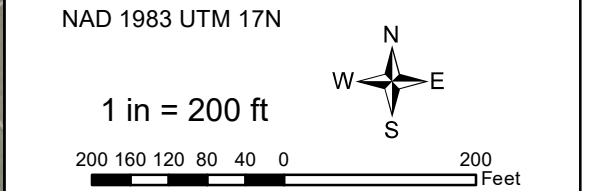
Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





- 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.



**Mountain Valley Pipeline Project**



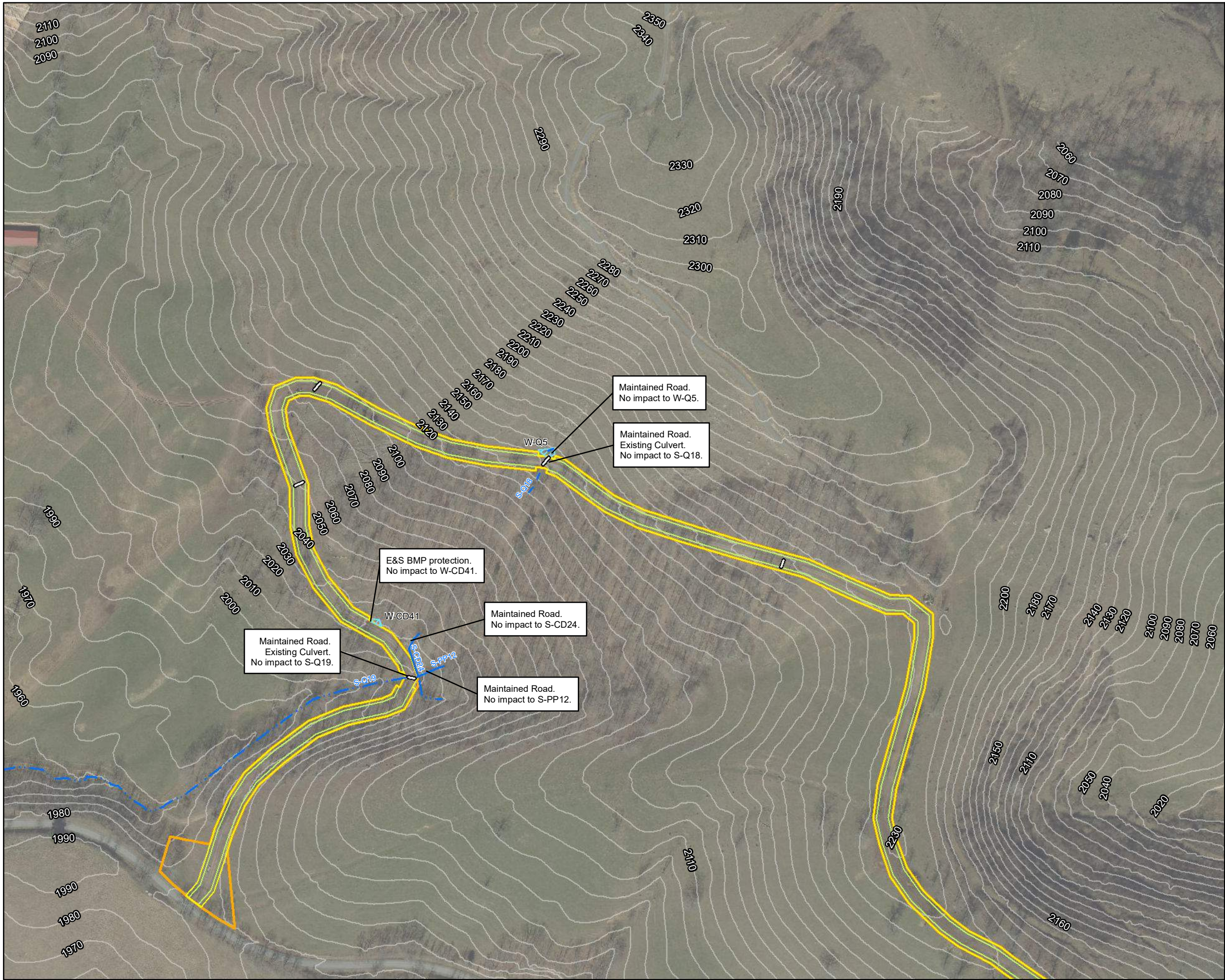
**Detail Map  
Individual Permit Application**

Figure 4-480  
Monroe County, West Virginia

October 2022

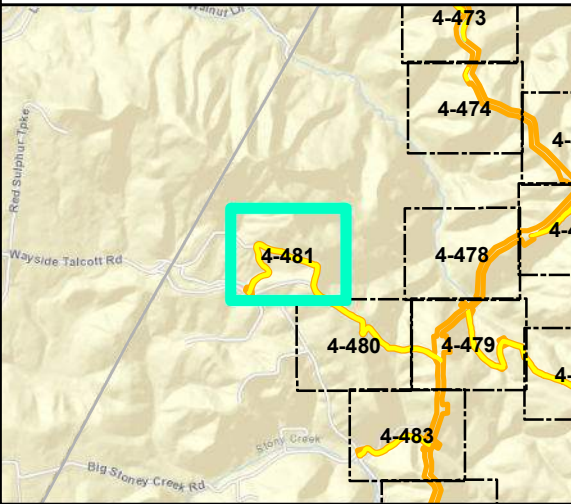
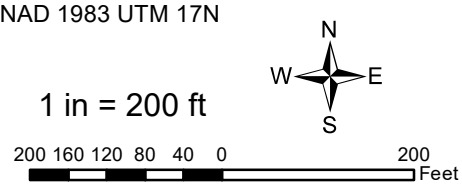
Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





- 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.



## Mountain Valley Pipeline Project



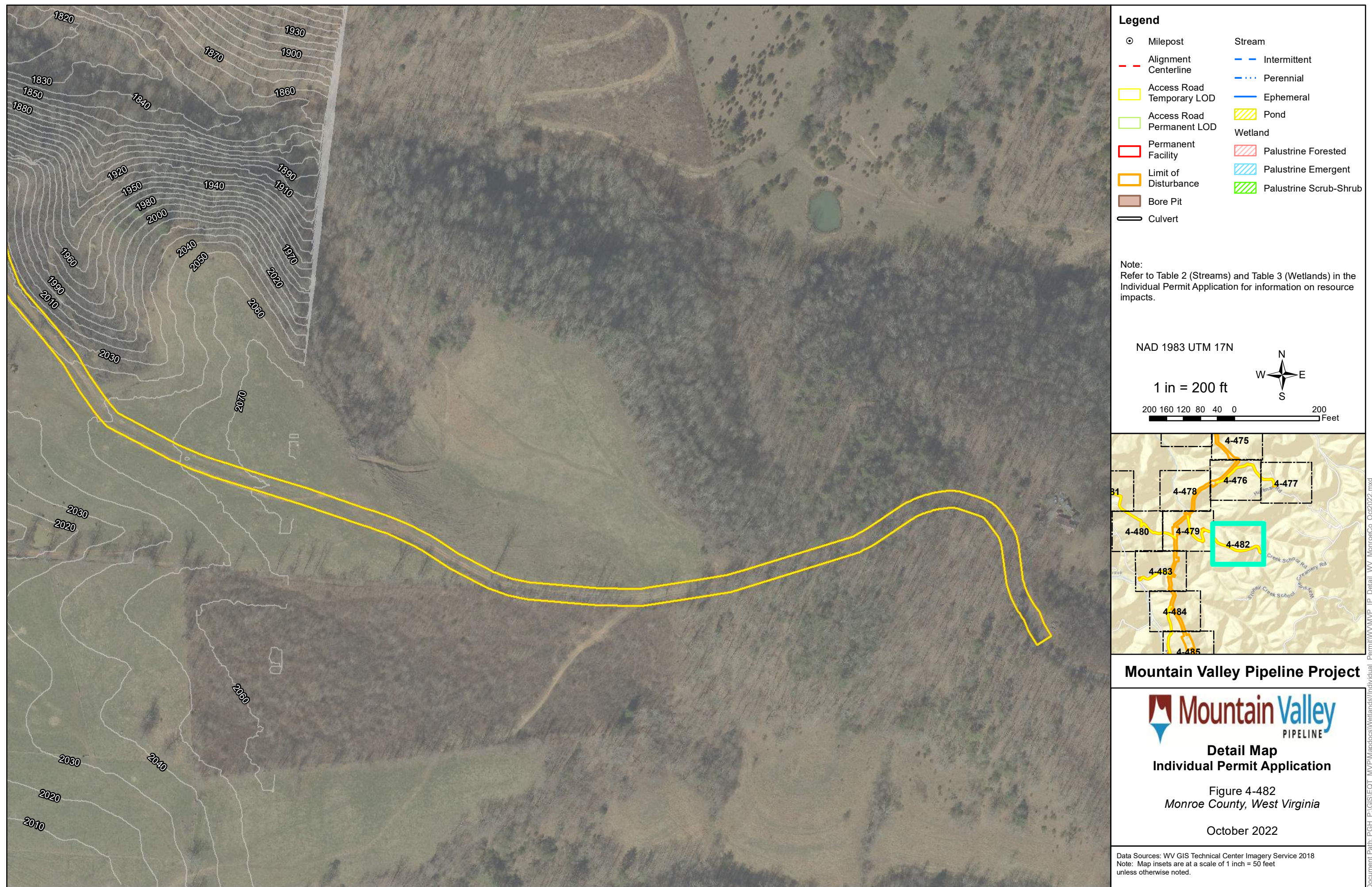
### Detail Map Individual Permit Application

Figure 4-481  
Monroe County, West Virginia

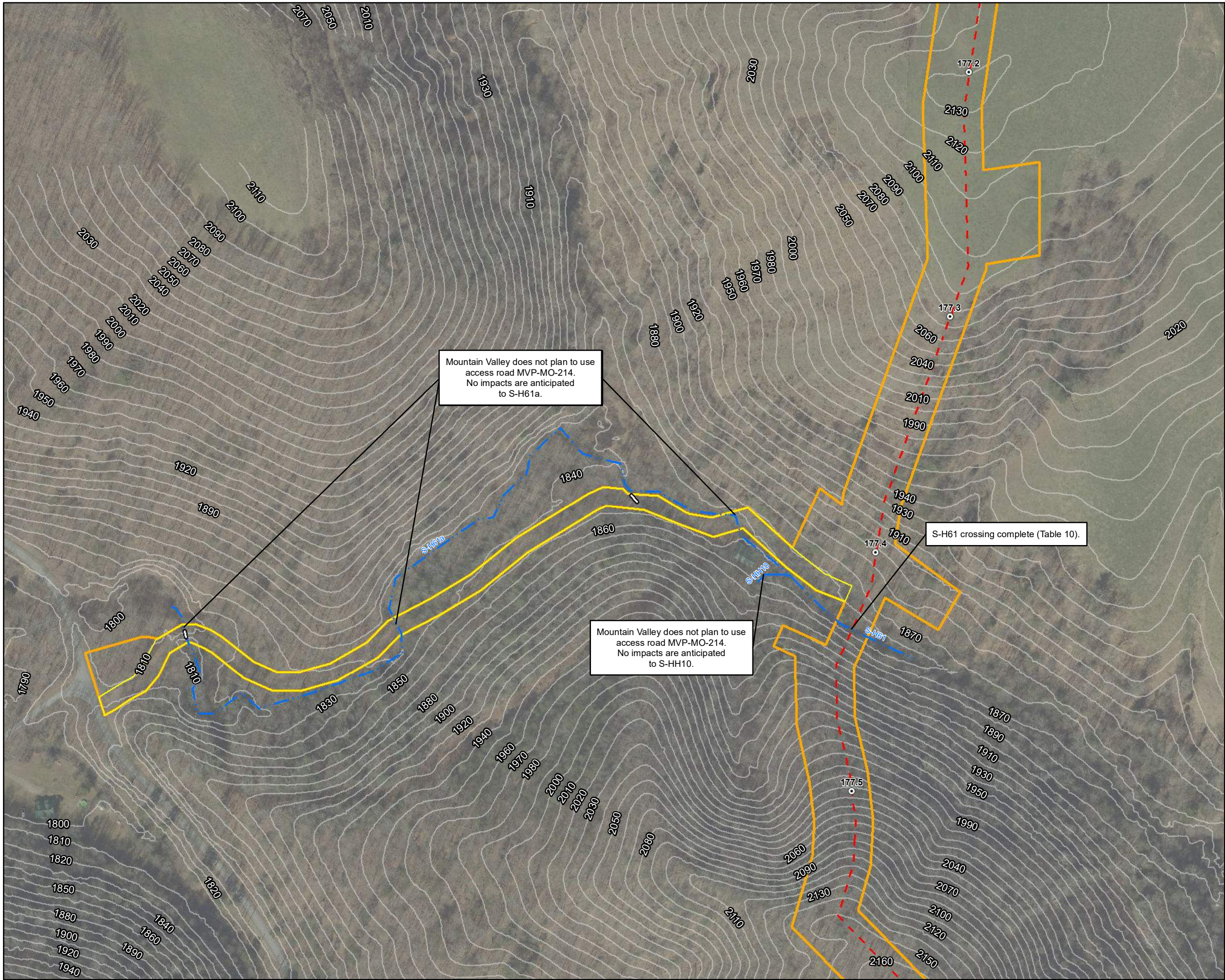
October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



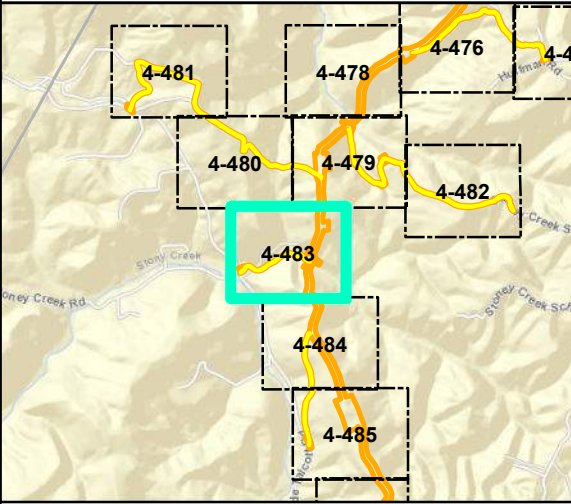
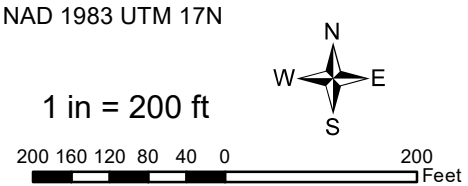






- Legend**
- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| --- Alignment Centerline    | --- Intermittent         |
| □ Access Road Temporary LOD | --- Perennial            |
| □ 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.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-483  
Monroe County, West Virginia

October 2022

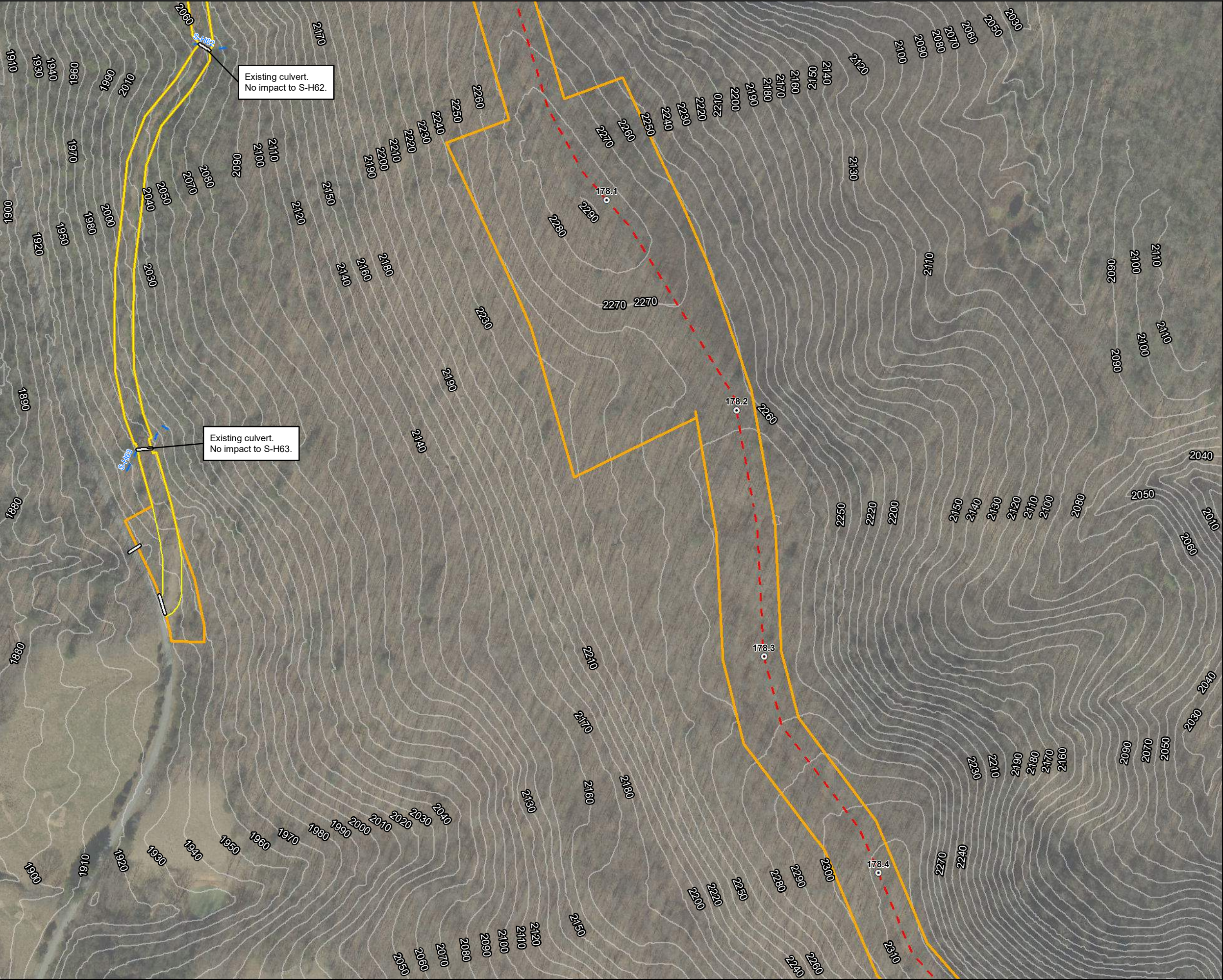
Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

Document Path: P:\GIS\REQ\MVP\Mapdocs\Wetlands\Individual\_Permits\WV\MVP\_IP\_Detail\_WV\_MonroeCo\_Oct2022.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

4-482  
4-483  
4-484  
4-485  
4-486  
4-487

## Mountain Valley Pipeline Project

### Detail Map Individual Permit Application

Figure 4-485  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
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

Intermittent

Perennial

Ephemeral

Pond

Palustrine Forested

Palustrine Emergent

Palustrine Scrub-Shrub

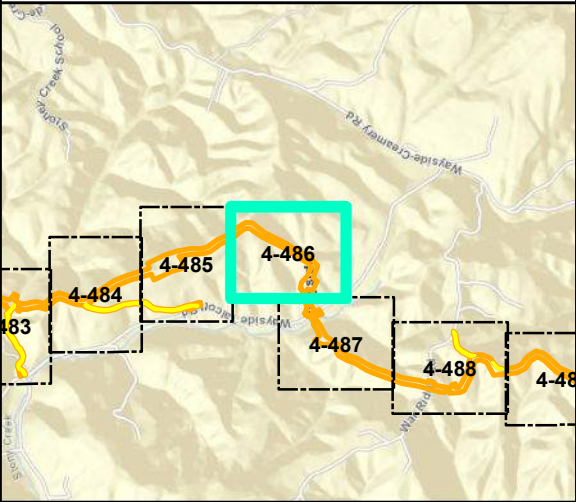
Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200

Feet



**Mountain Valley Pipeline Project**

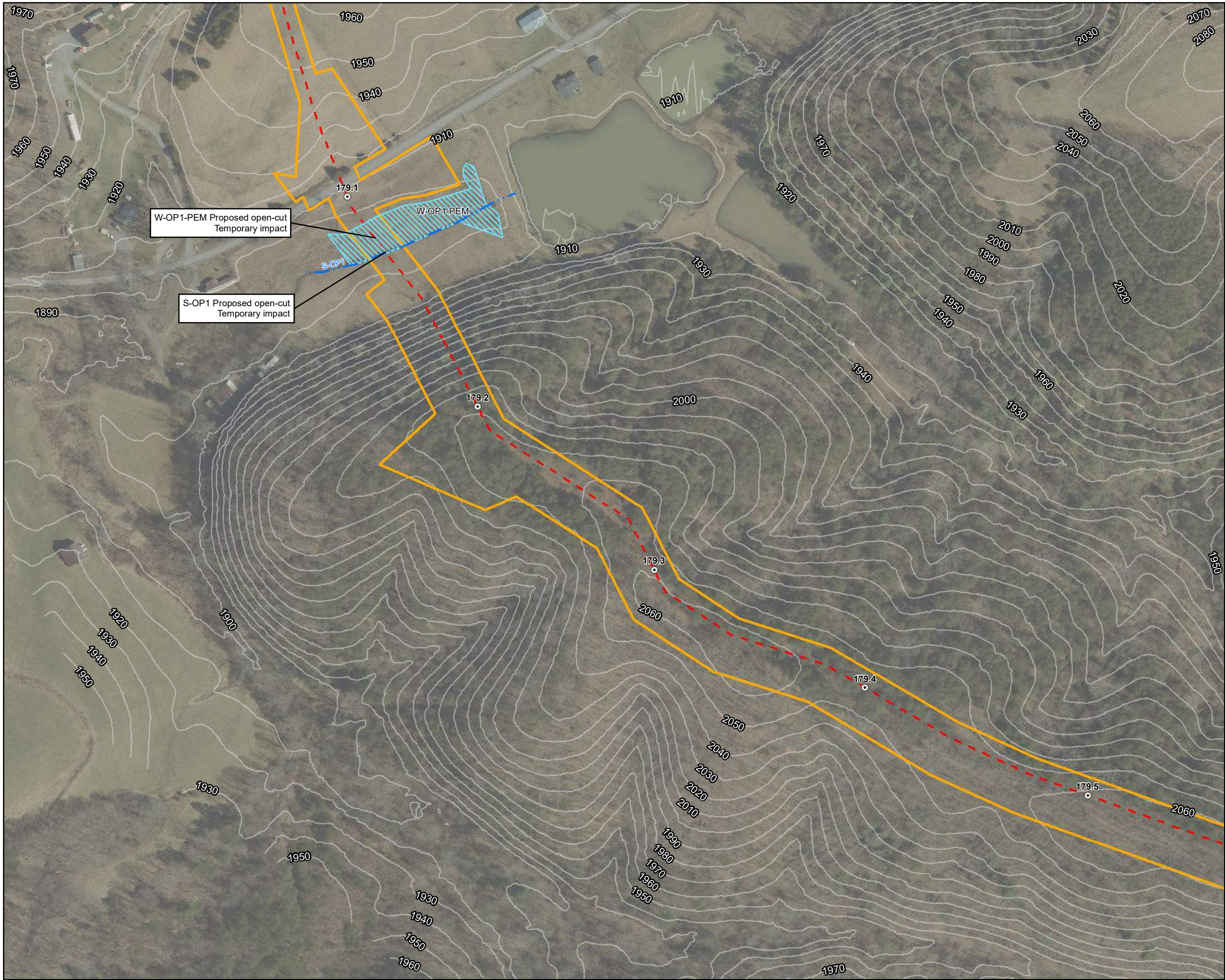
**Detail Map**  
**Individual Permit Application**

Figure 4-486  
*Monroe County, West Virginia*

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
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

Intermittent

Perennial

Ephemeral

Pond

Palustrine Forested

Palustrine Emergent

Palustrine Scrub-Shrub

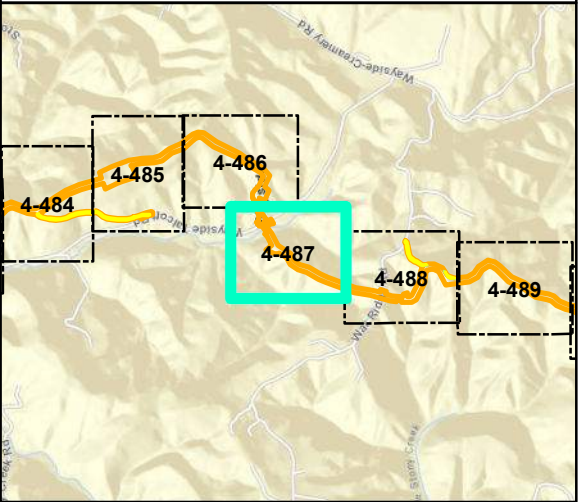
Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0

200 Feet



**Mountain Valley Pipeline Project**

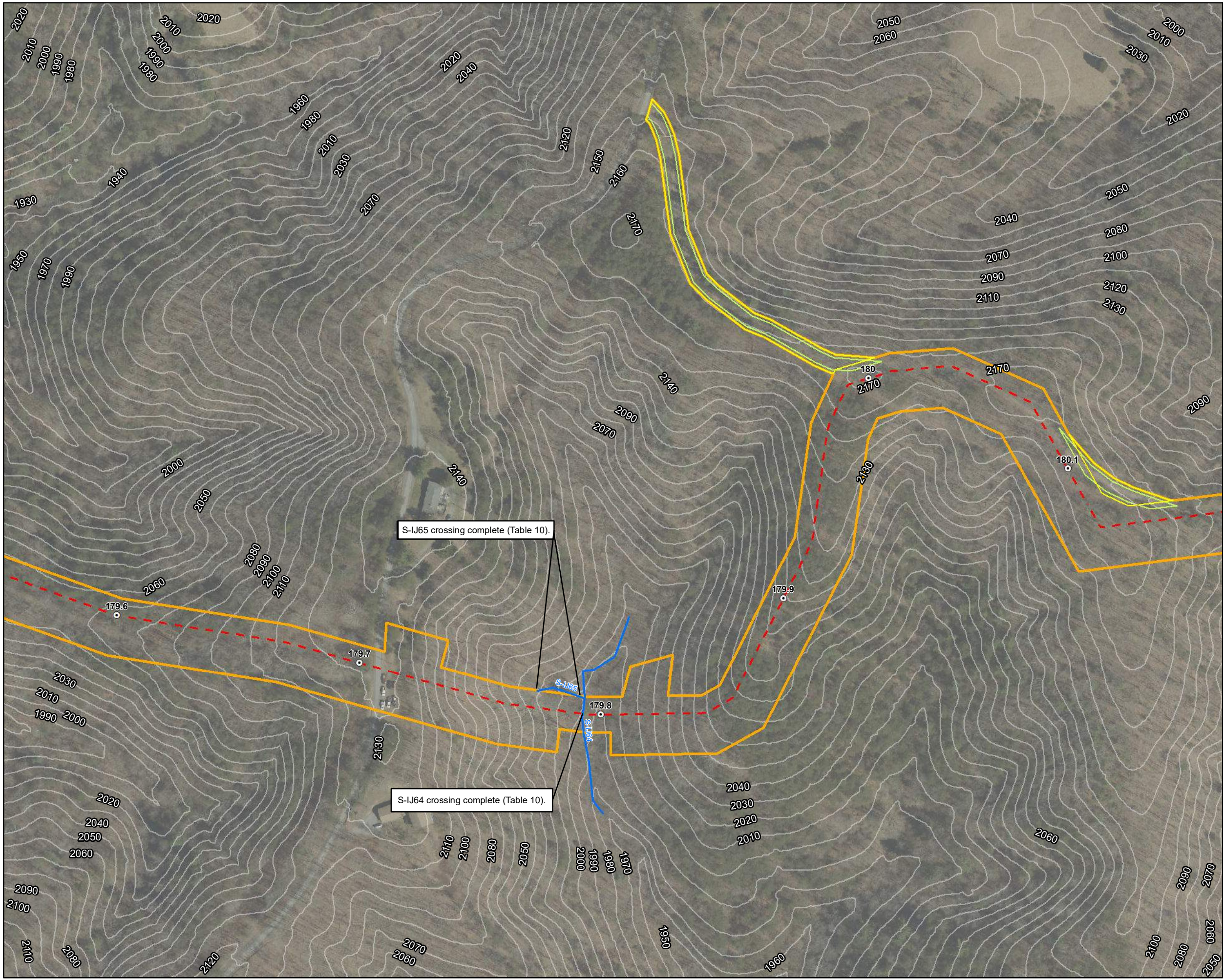
**Detail Map**  
**Individual Permit Application**

Figure 4-487  
*Monroe County, West Virginia*

October 2022

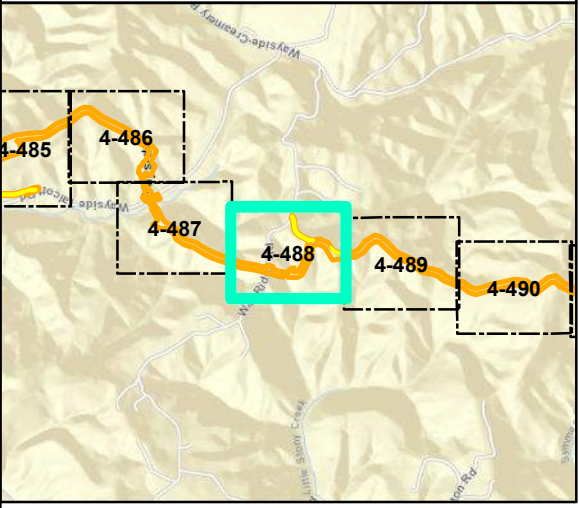
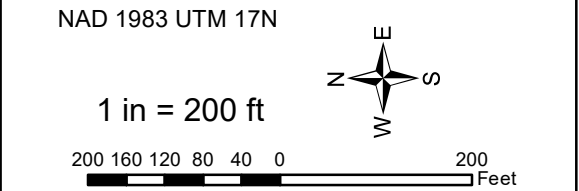
Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





- 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.



### Mountain Valley Pipeline Project



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

Figure 4-488  
Monroe County, West Virginia

October 2022

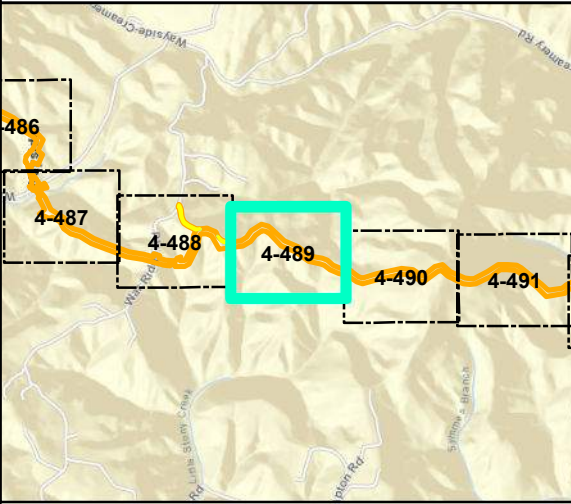
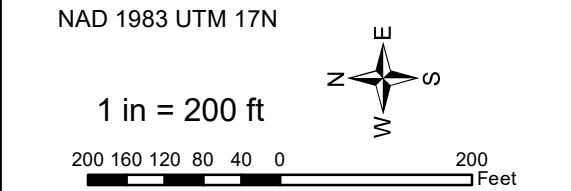
Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





- 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.



## Mountain Valley Pipeline Project



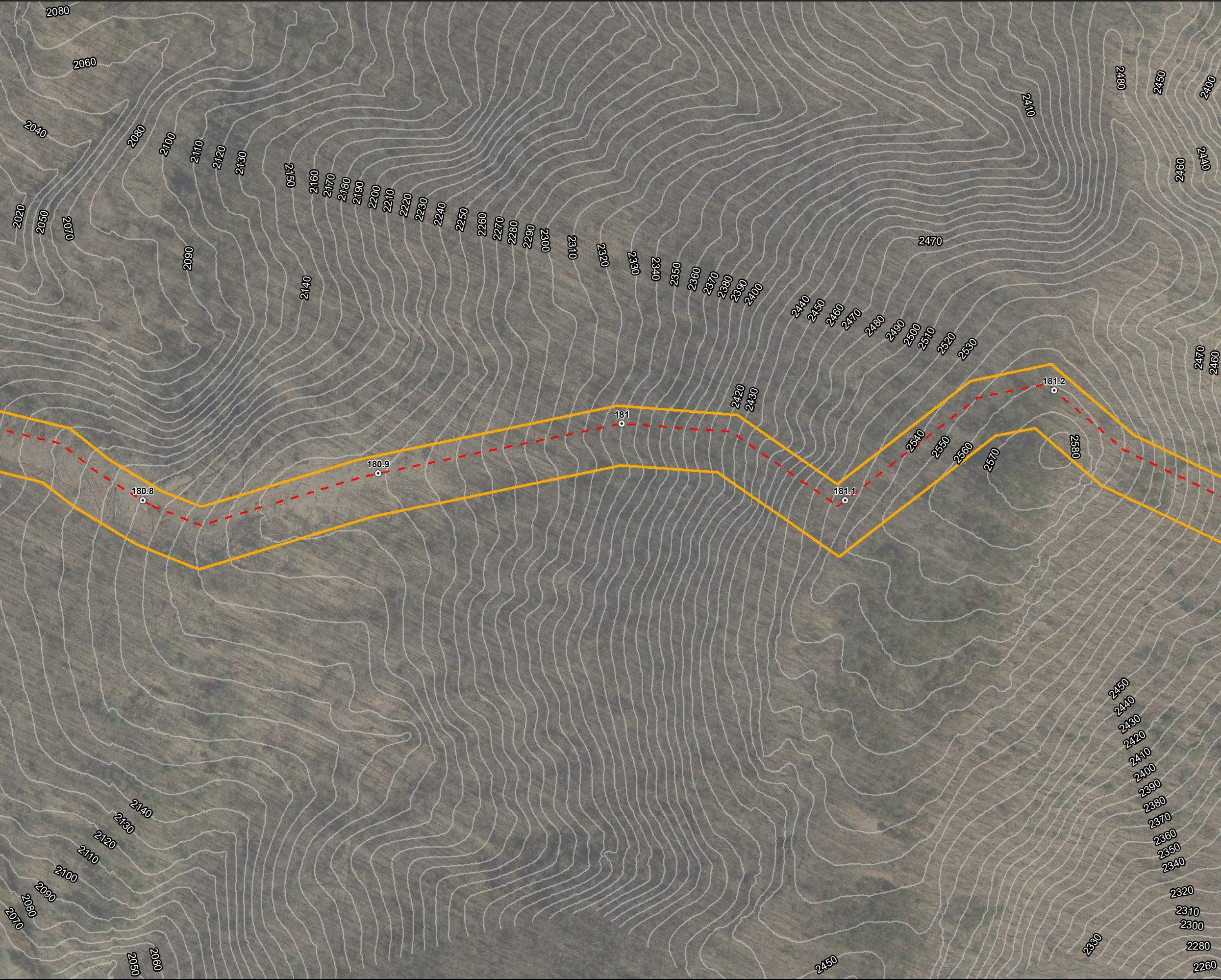
### Detail Map Individual Permit Application

Figure 4-489  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

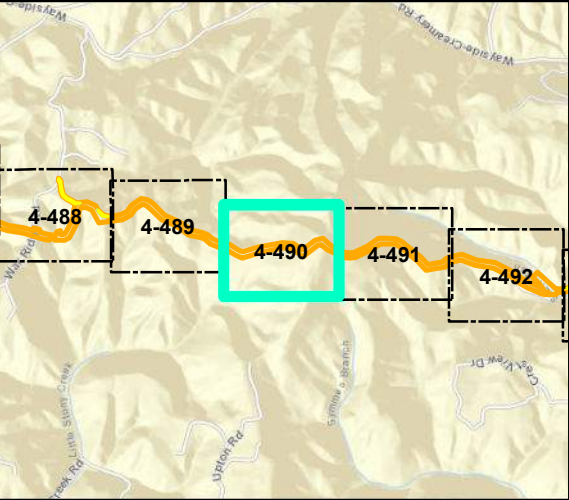
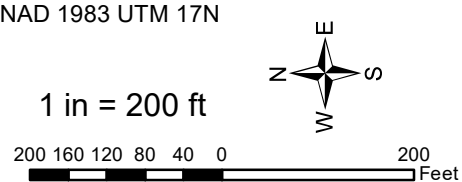




- Legend**

Milepost	Stream
Alignment Centerline	Intermittent
Access Road Temporary LOD	Perennial
Access Road Permanent LOD	Ephemeral
Permanent Facility	Pond
Limit of Disturbance	<b>Wetland</b>
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 4-490  
*Monroe County, West Virginia*

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
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

Intermittent

Perennial

Ephemeral

Pond

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

200

160

120

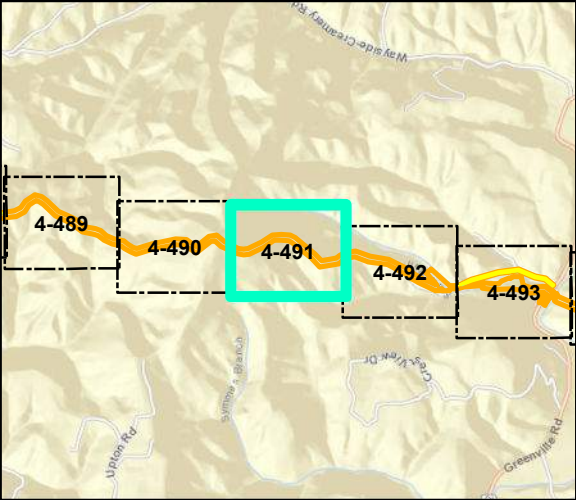
80

40

0

200

Feet



**Mountain Valley Pipeline Project**

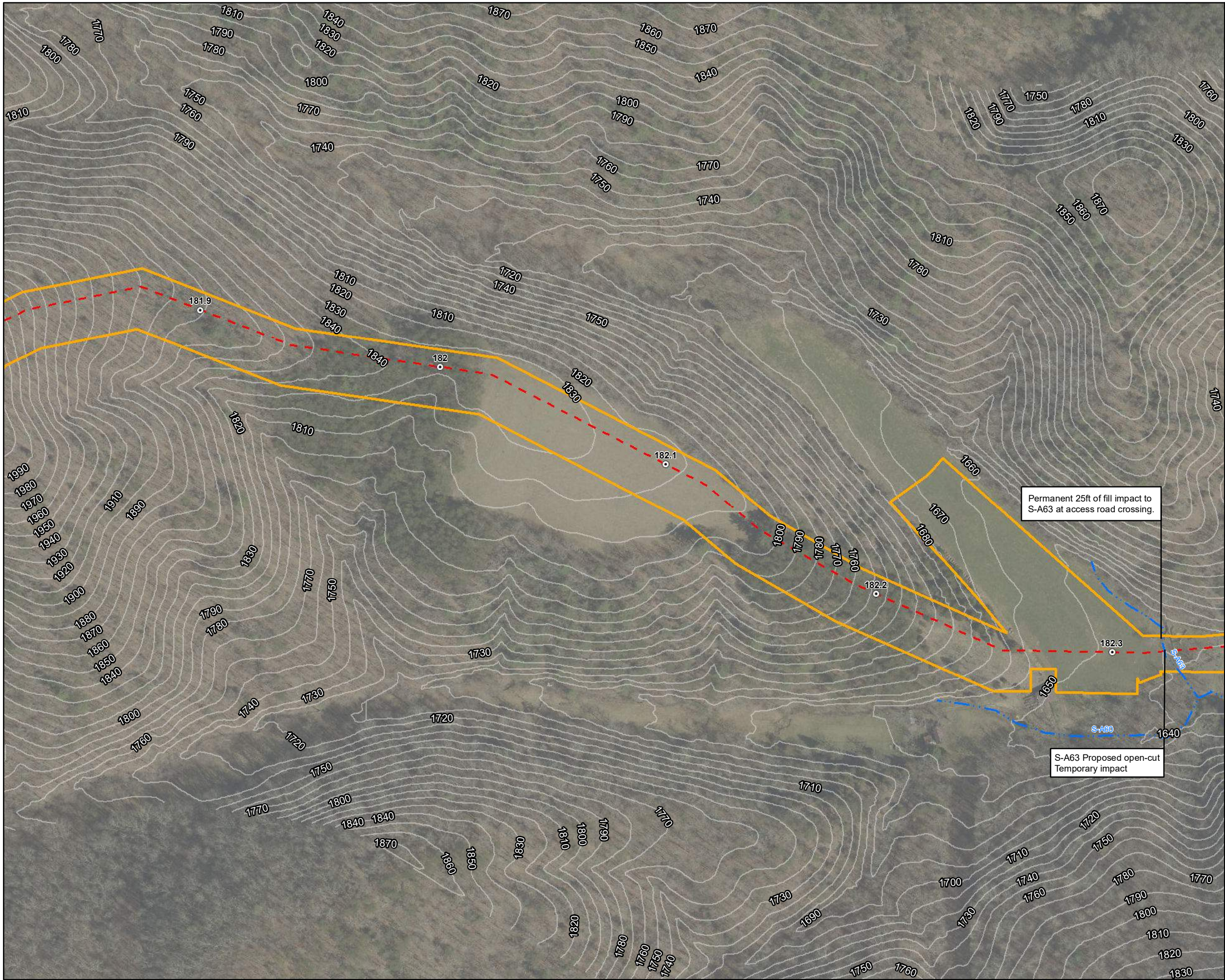
**Detail Map**  
**Individual Permit Application**

Figure 4-491  
*Monroe County, West Virginia*

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





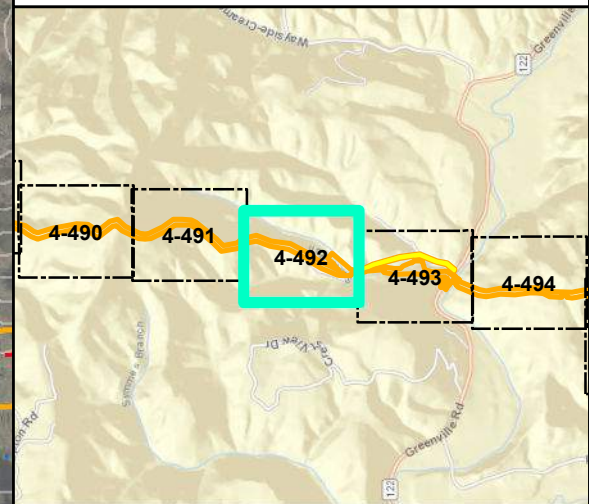
- Legend**
- |                               |                          |
|-------------------------------|--------------------------|
| ○ Milepost                    | Stream                   |
| --- Alignment Centerline      | --- Intermittent         |
| --- Access Road Temporary LOD | --- Perennial            |
| --- 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

200 160 120 80 40 0 200 Feet



## Mountain Valley Pipeline Project



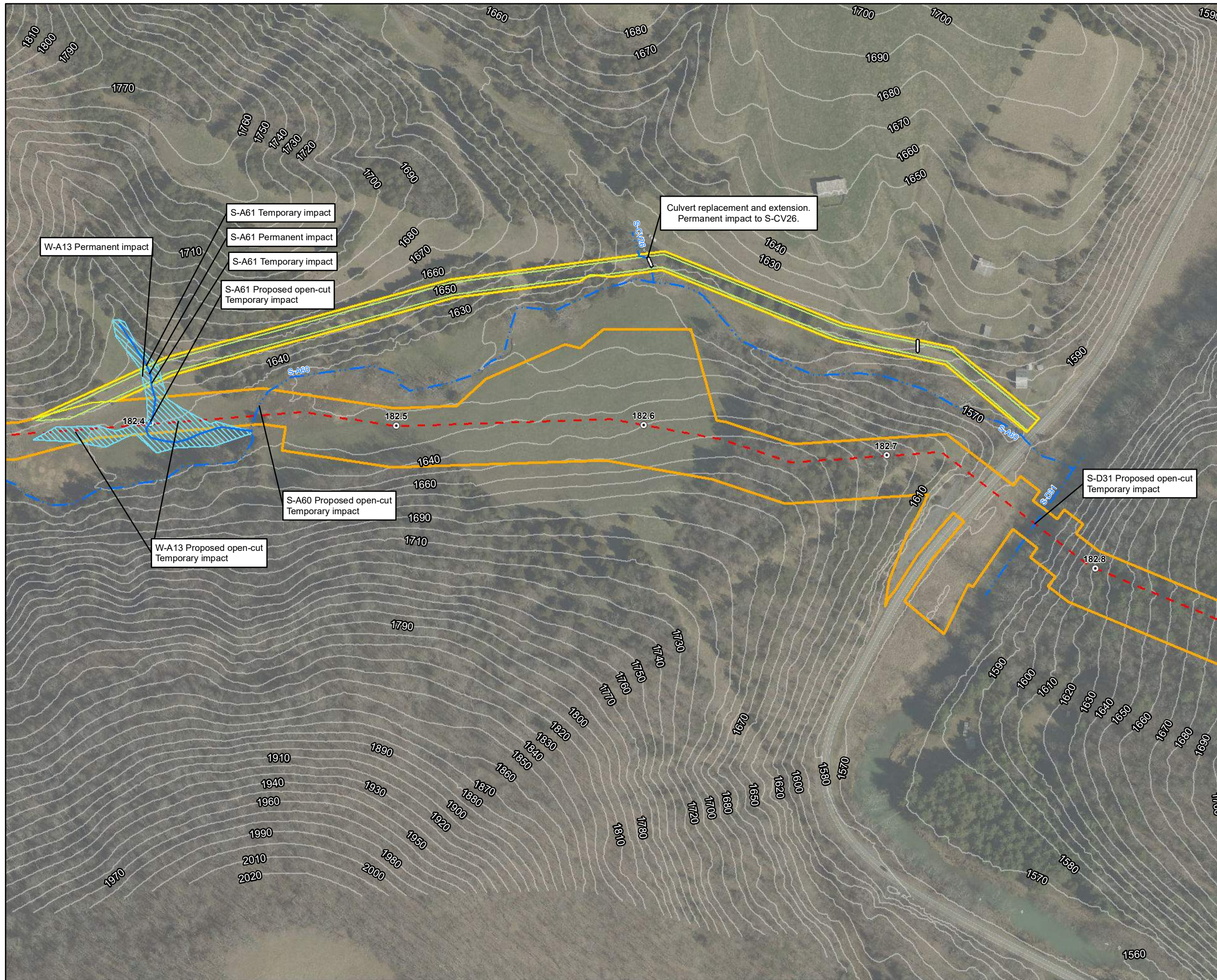
### Detail Map Individual Permit Application

Figure 4-492  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
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

200 160 120 80 40 0 200 Feet

**Mountain Valley Pipeline Project**

**Mountain Valley PIPELINE**

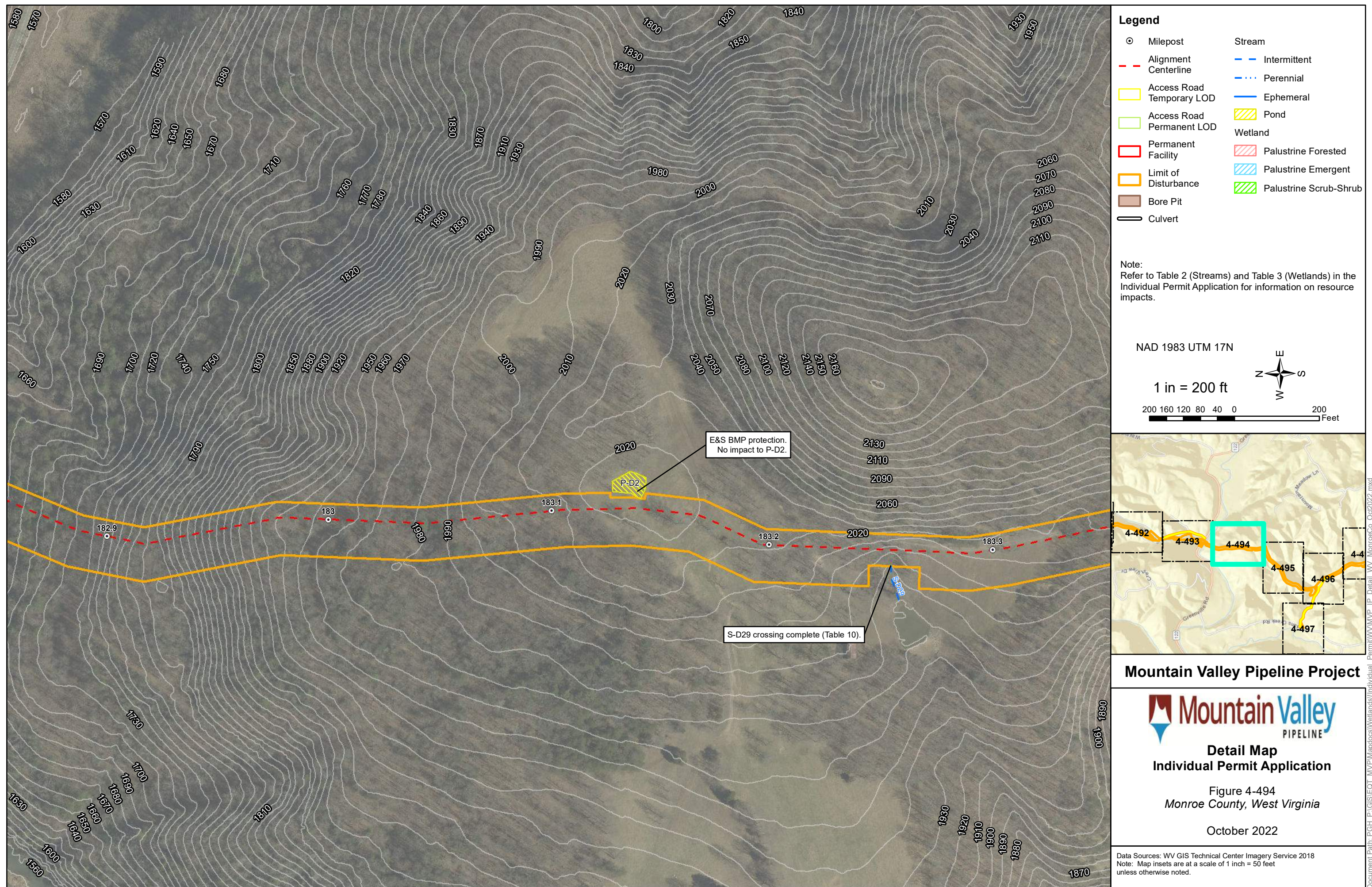
**Detail Map**  
**Individual Permit Application**

Figure 4-493  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



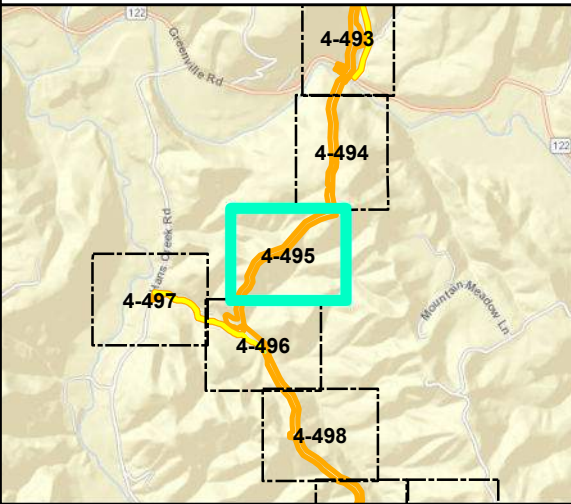
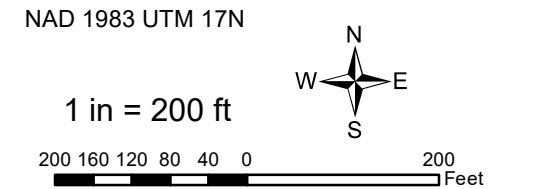






- Legend**
- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| --- Alignment Centerline    | --- Intermittent         |
| □ Access Road Temporary LOD | --- Perennial            |
| □ 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.



## Mountain Valley Pipeline Project



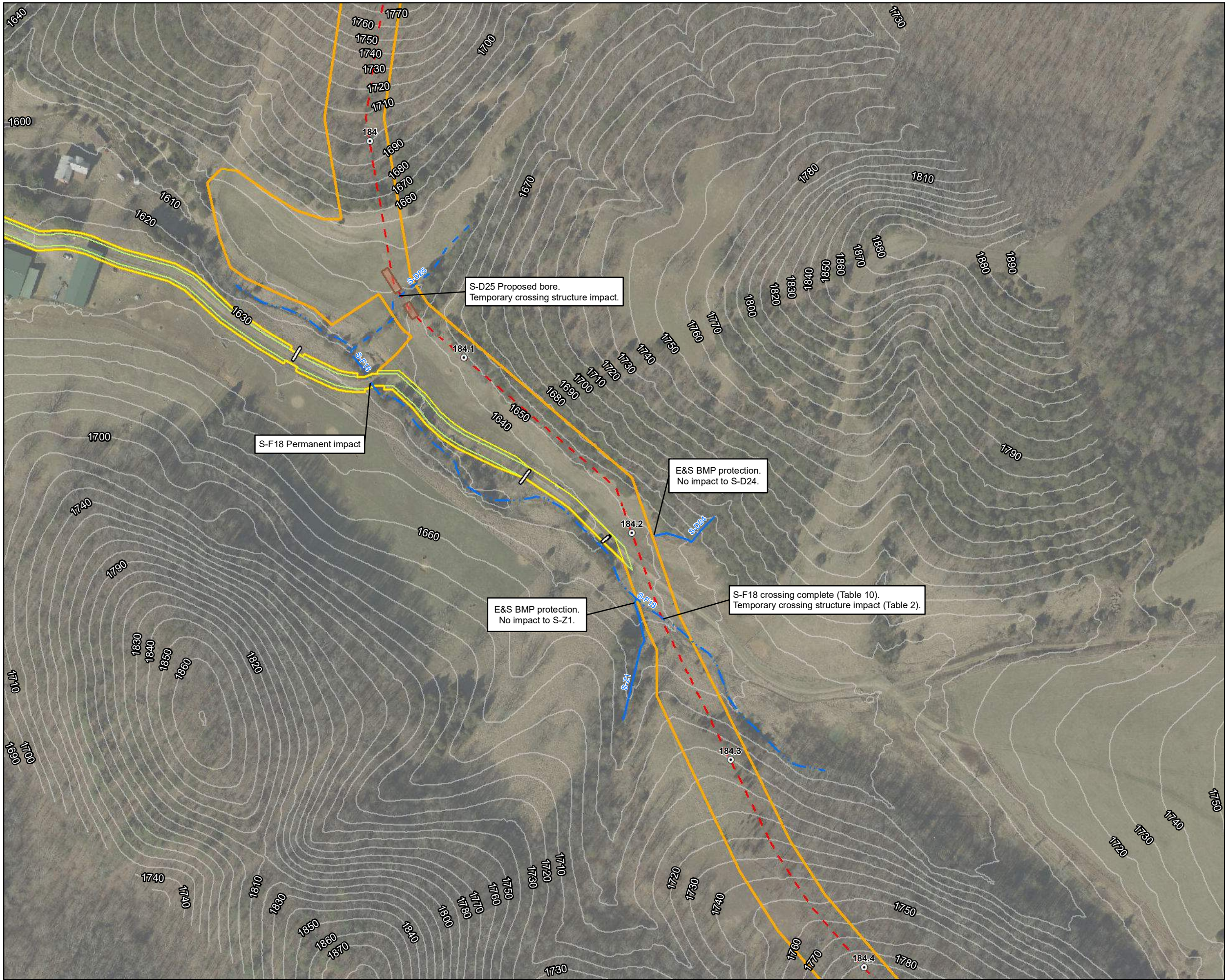
### Detail Map Individual Permit Application

Figure 4-495  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

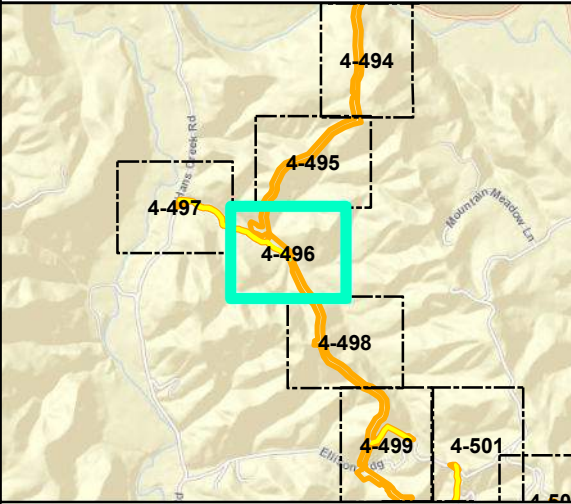
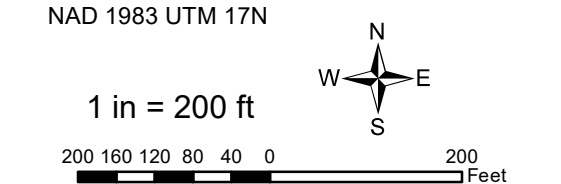




Legend

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



Mountain Valley Pipeline Project



Detail Map  
Individual Permit Application

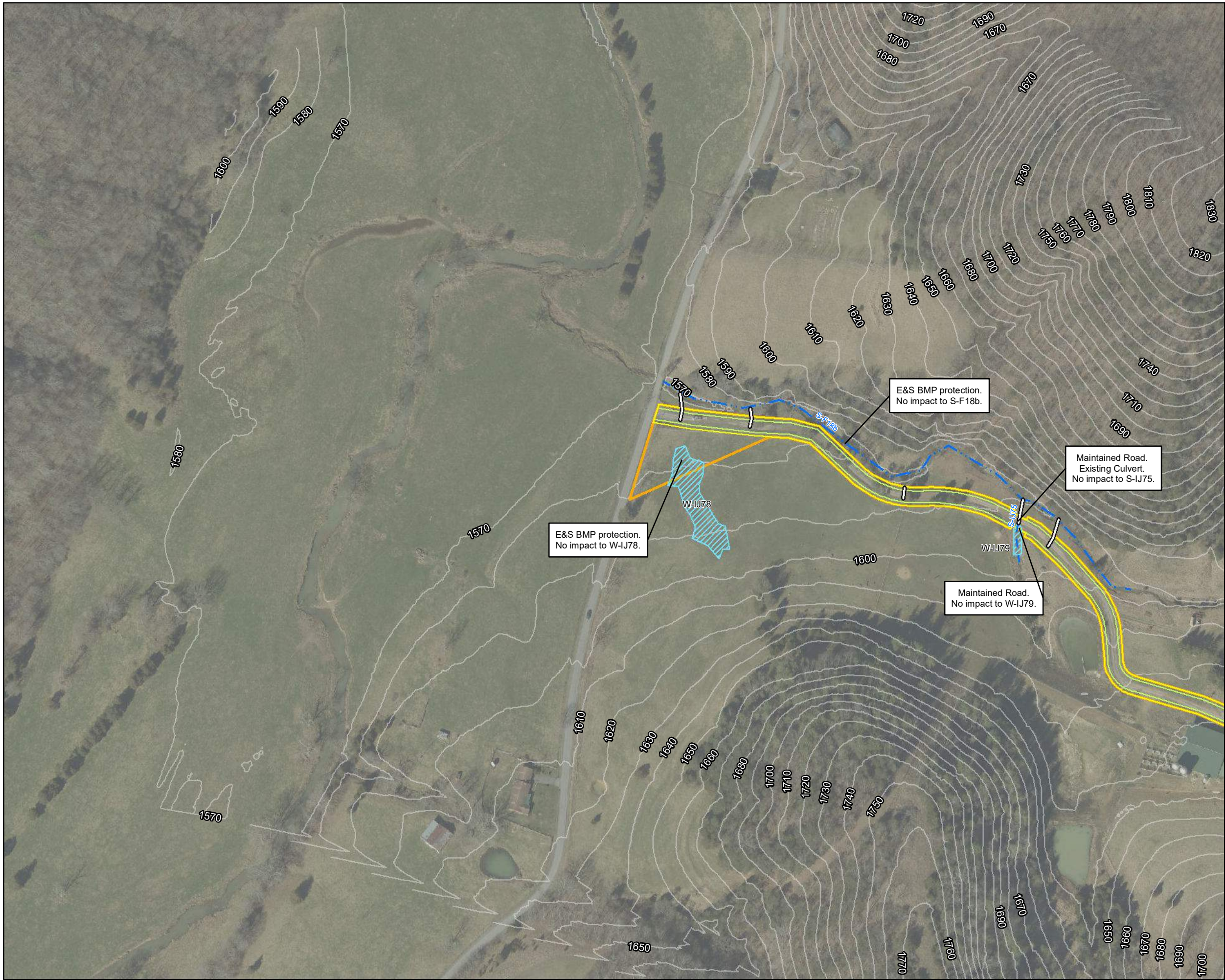
Figure 4-496  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

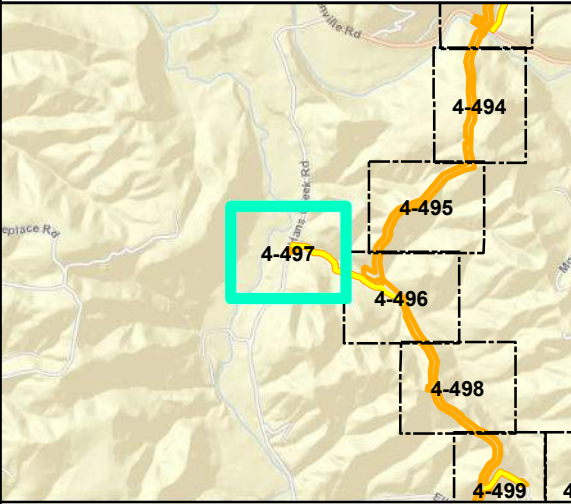
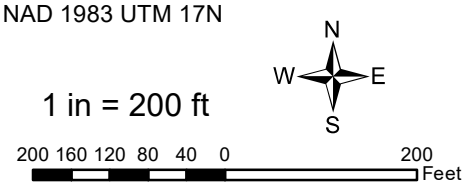
Document Path: P:\GIS\REQ\_MVP\Mapdocs\Wetlands\Individual\_Permit\WV\_MonroeCo\_Oct2022.mxd





- 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 4-497  
Monroe County, West Virginia

October 2022

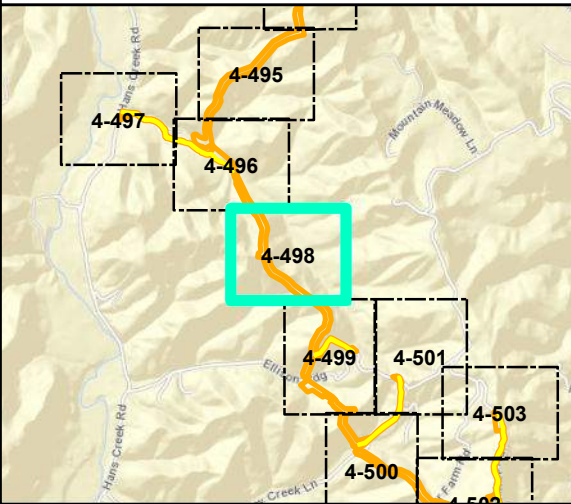
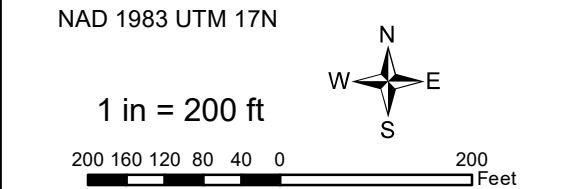
Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





- 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.



## Mountain Valley Pipeline Project



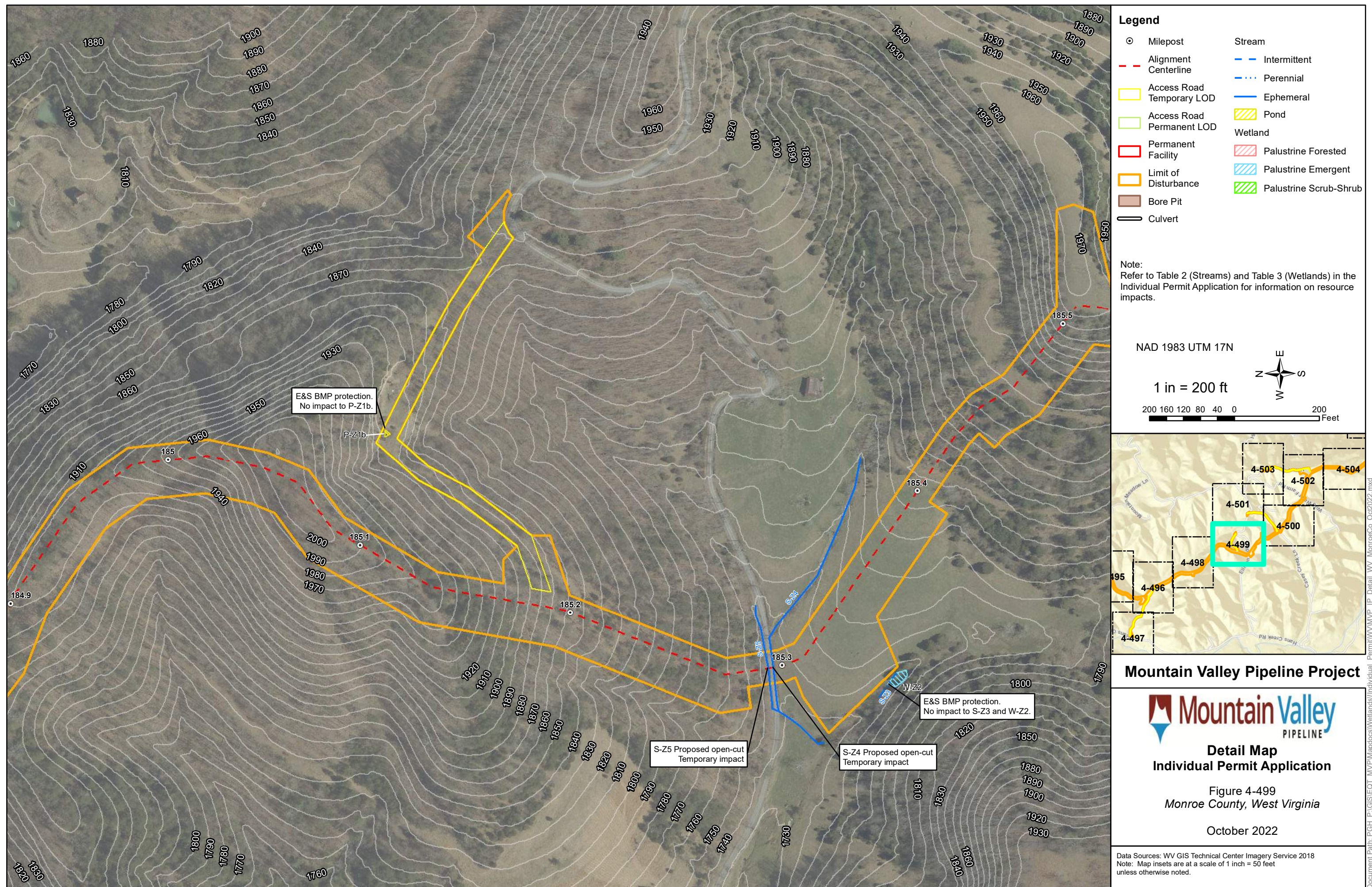
### Detail Map Individual Permit Application

Figure 4-498  
Monroe County, West Virginia

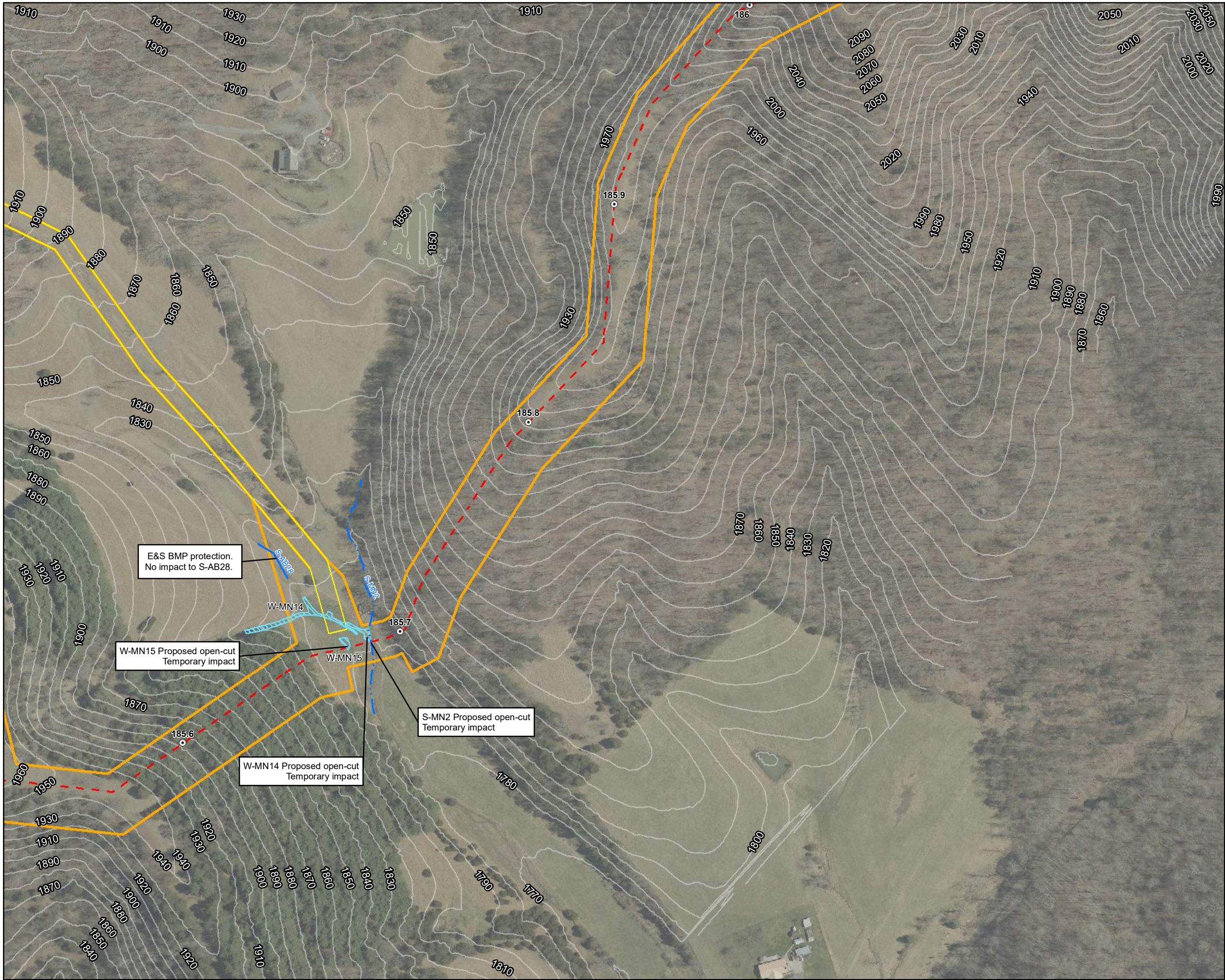
October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
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

Intermittent

Perennial

Ephemeral

Pond

Palustrine Forested

Palustrine Emergent

Palustrine Scrub-Shrub

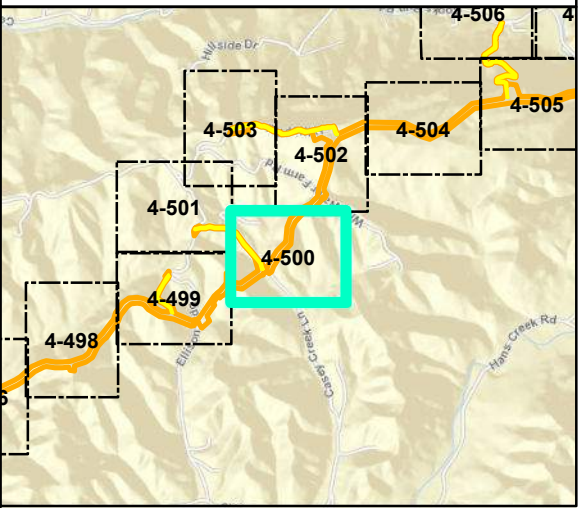
Note:  
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200

Feet



**Mountain Valley Pipeline Project**

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

Figure 4-500  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

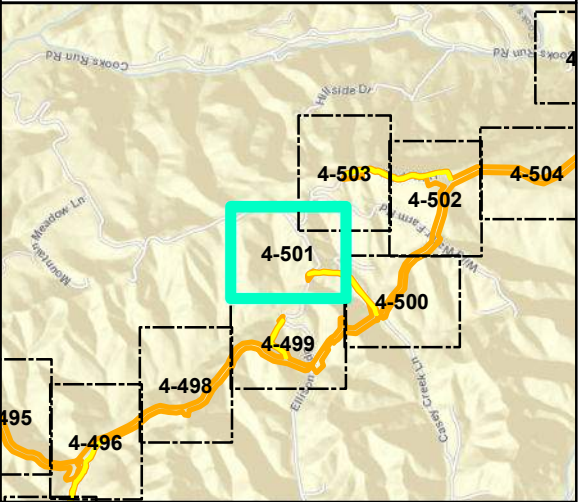
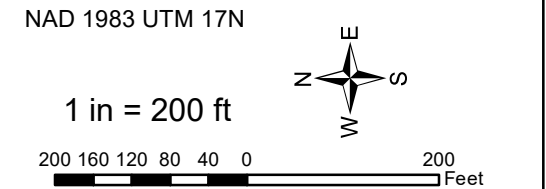
Document Path: P:\GIS\EQ\MVP\MapDocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\_WV\_MonroeCo\_Oct2022.mxd





- 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 4-501  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





**Legend**

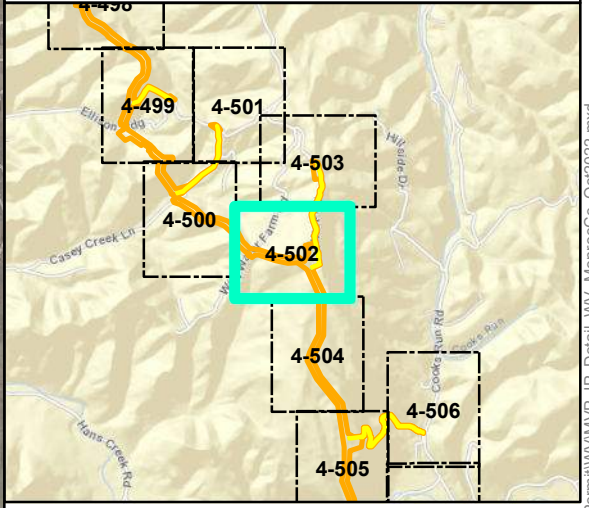
○ Milepost	Stream
--- Alignment Centerline	--- Intermittent
--- Access Road Temporary LOD	--- Perennial
--- Access Road Permanent LOD	--- Ephemeral
Permanent Facility	▨ Pond
Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
== Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

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

Figure 4-502  
*Monroe County, West Virginia*

October 2022

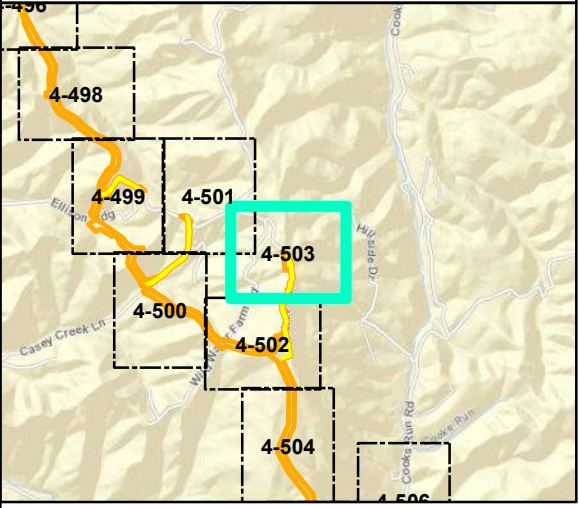
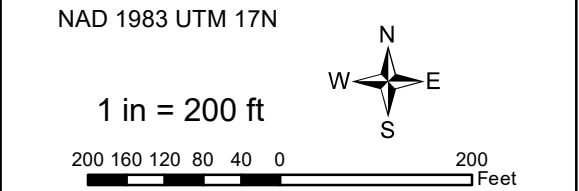
Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





- 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.



## Mountain Valley Pipeline Project



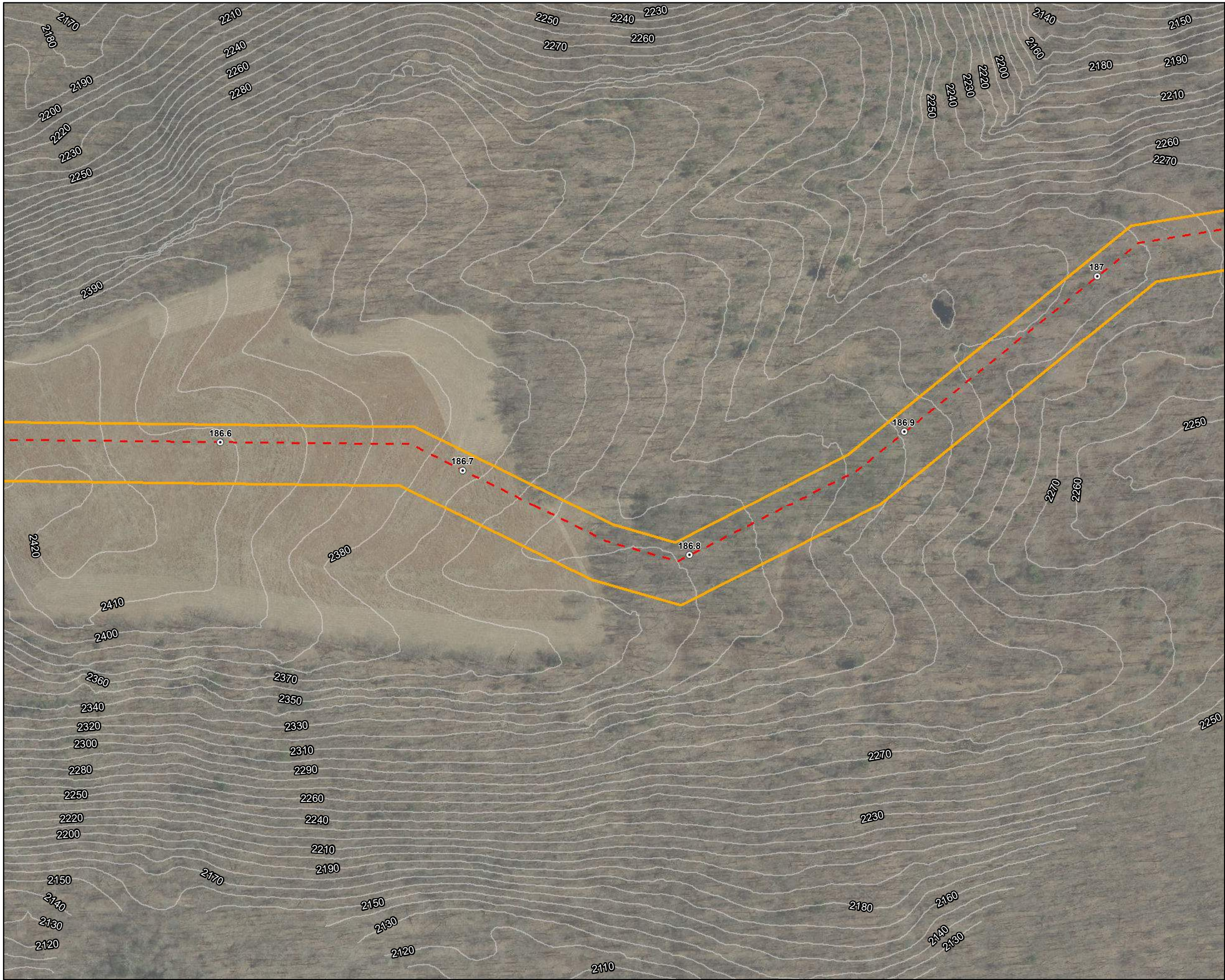
**Detail Map**  
**Individual Permit Application**

Figure 4-503  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





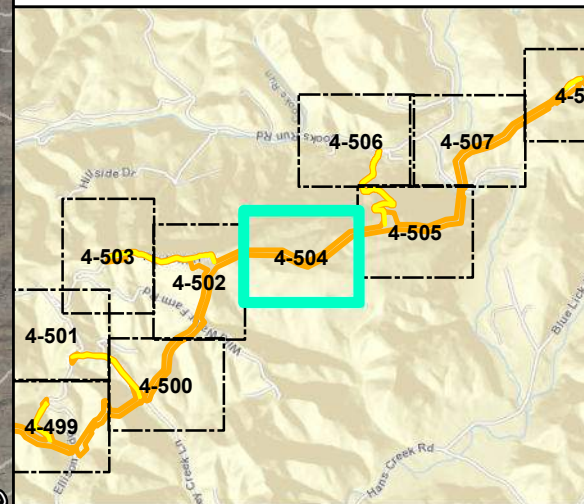
- Legend**
- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| --- Alignment Centerline    | --- Intermittent         |
| □ Access Road Temporary LOD | --- Perennial            |
| □ 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

200 160 120 80 40 0 200 Feet



## Mountain Valley Pipeline Project



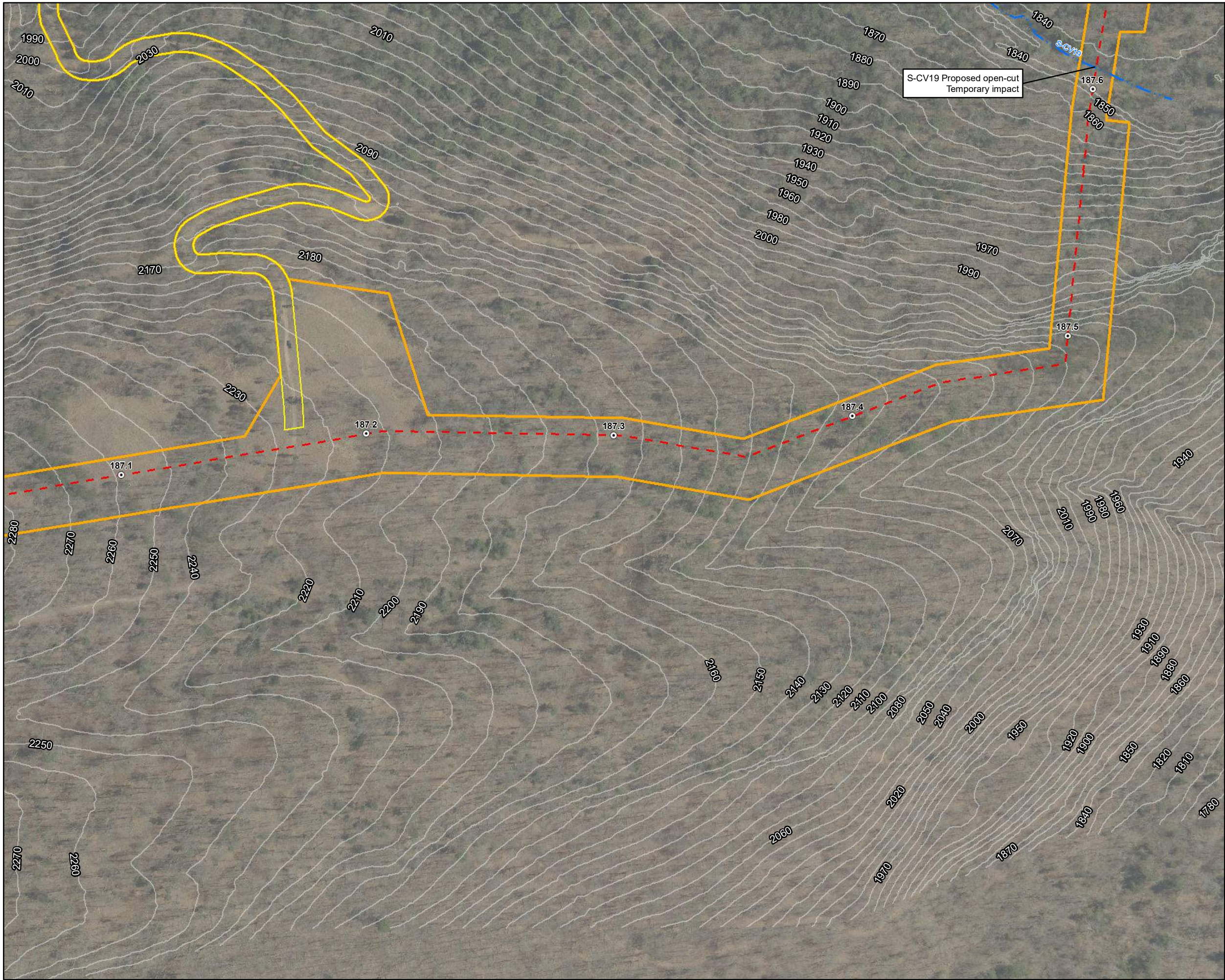
### Detail Map Individual Permit Application

Figure 4-504  
Monroe County, West Virginia

October 2022

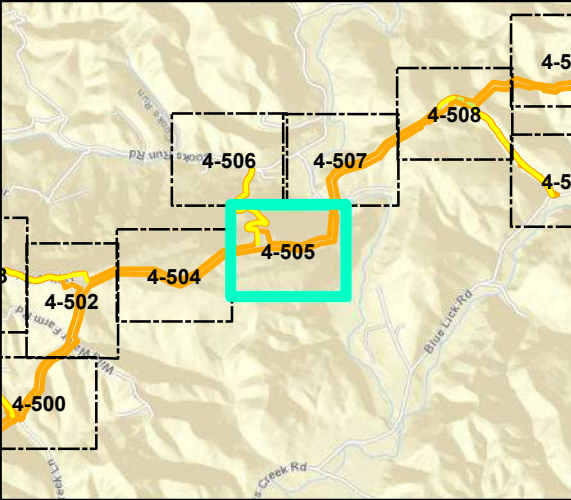
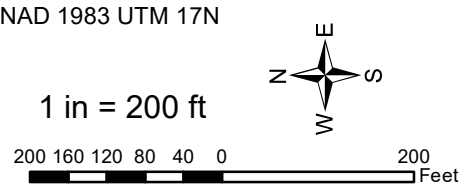
Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





- 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.



### Mountain Valley Pipeline Project



### Detail Map Individual Permit Application

Figure 4-505  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





**Legend**

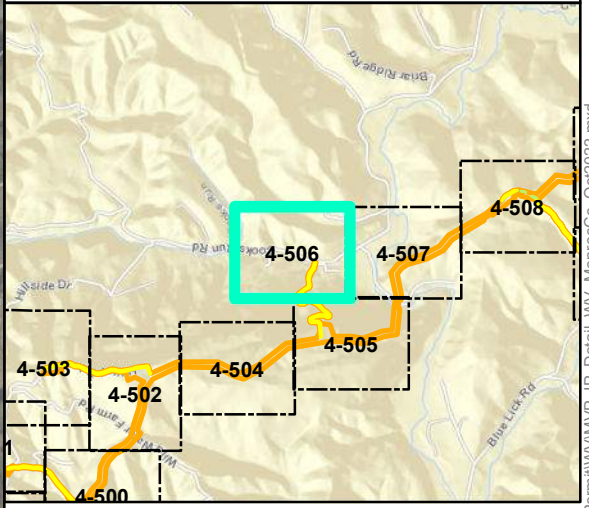
⊙ Milepost	Stream
— Alignment Centerline	— Intermittent
□ Access Road Temporary LOD	— Perennial
□ Access Road Permanent LOD	— Ephemeral
□ Permanent Facility	▨ Pond
□ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

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

Figure 4-506  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





**Legend**

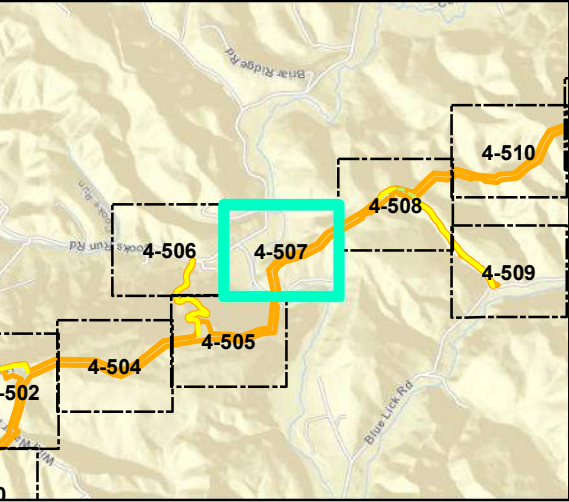
○ Milepost	Stream
--- Alignment Centerline	--- Intermittent
--- Access Road Temporary LOD	--- Perennial
--- Access Road Permanent LOD	--- Ephemeral
Permanent Facility	▨ Pond
Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**



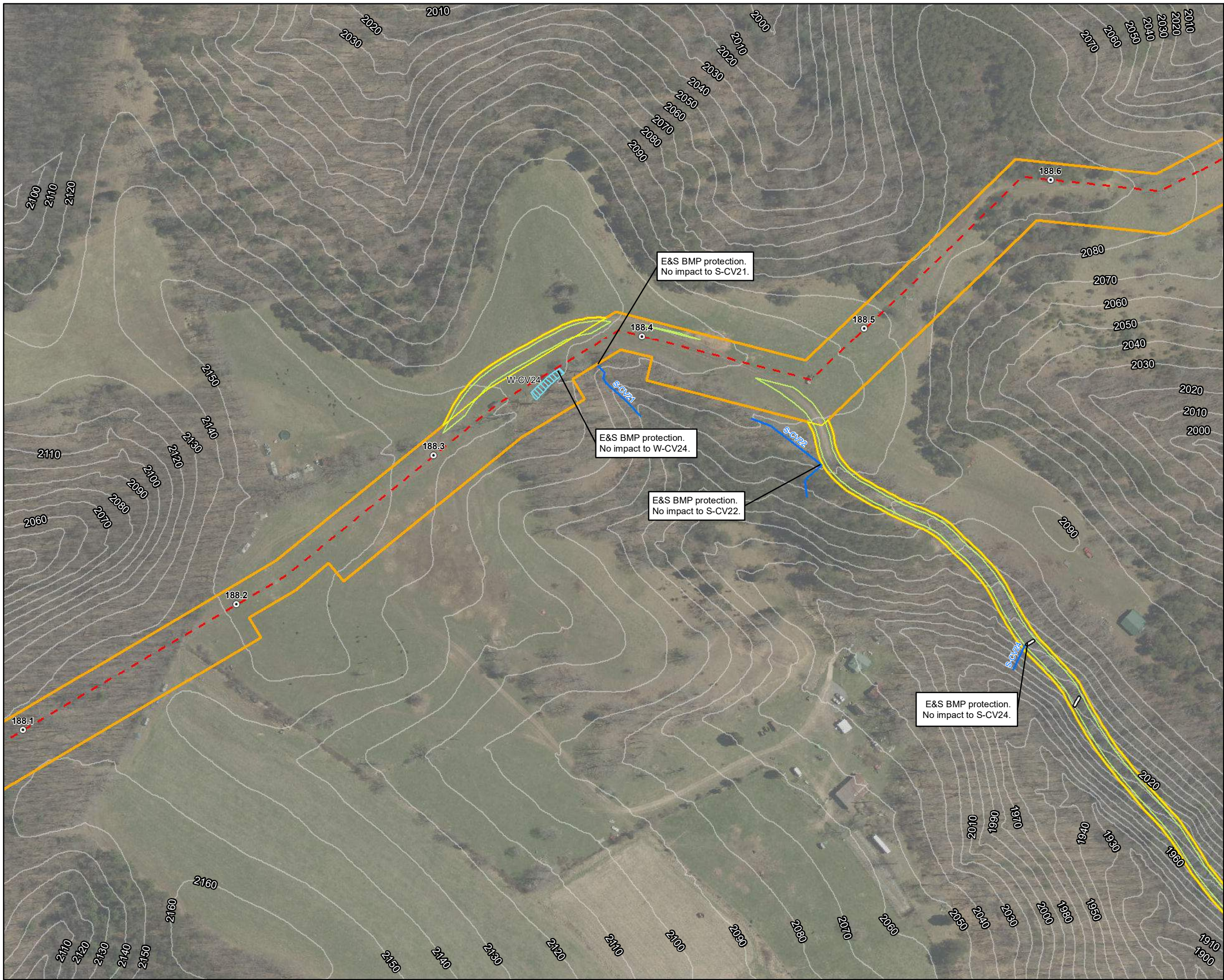
**Detail Map  
Individual Permit Application**

Figure 4-507  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





**Legend**

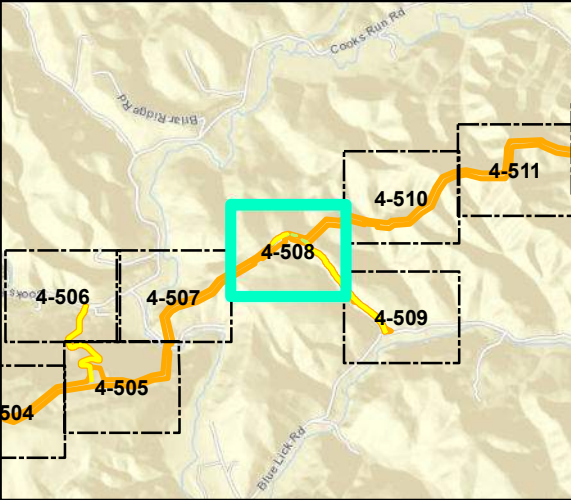
Milepost	Stream
Alignment Centerline	Intermittent
Access Road Temporary LOD	Perennial
Access Road Permanent LOD	Ephemeral
Permanent Facility	Pond
Limit of Disturbance	<b>Wetland</b>
Bore Pit	Palustrine Forested
Culvert	Palustrine Emergent
	Palustrine Scrub-Shrub

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 4-508  
*Monroe County, West Virginia*

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
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	<b>Wetland</b>
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**

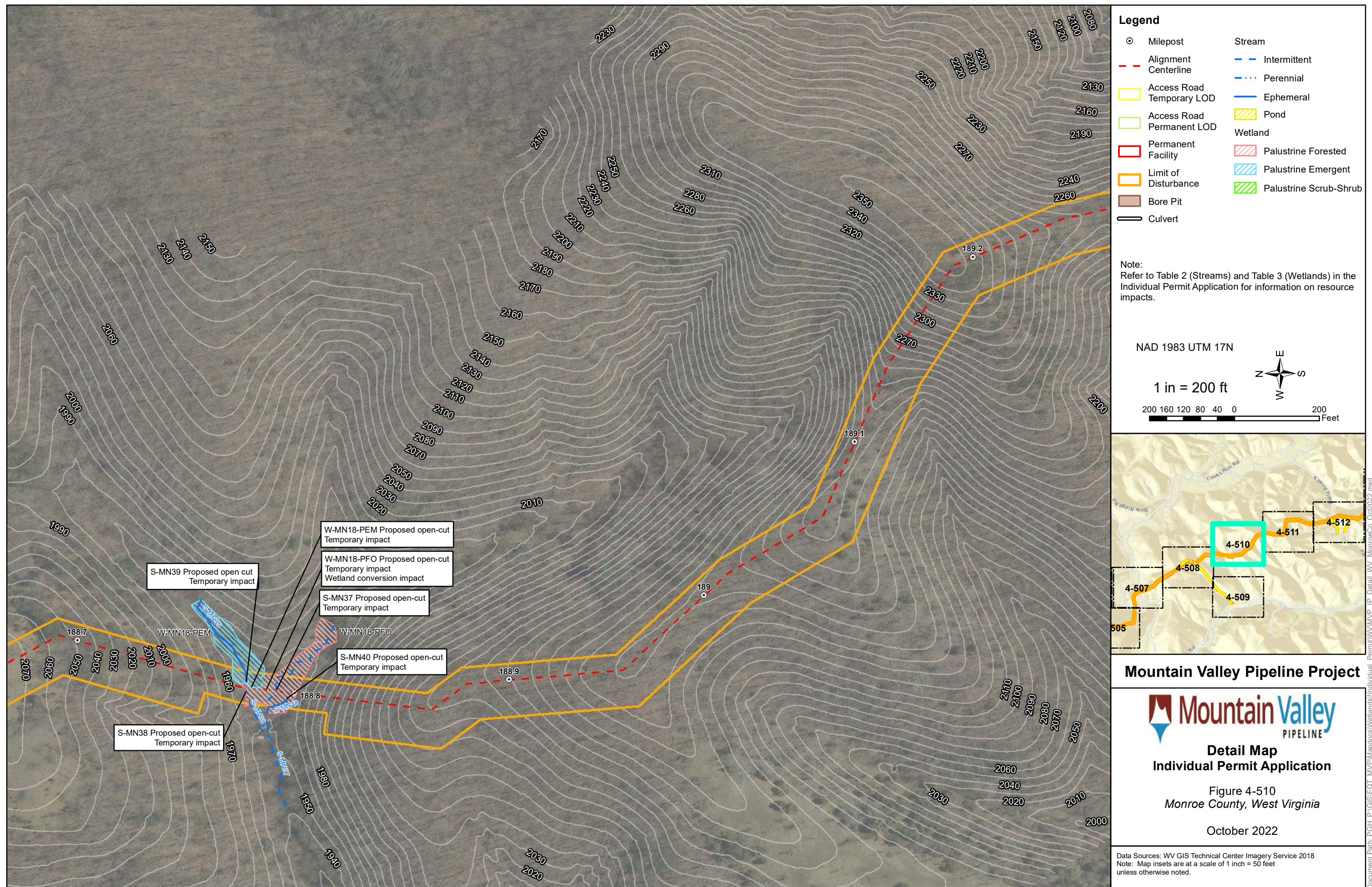
**Detail Map**  
**Individual Permit Application**

Figure 4-509  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





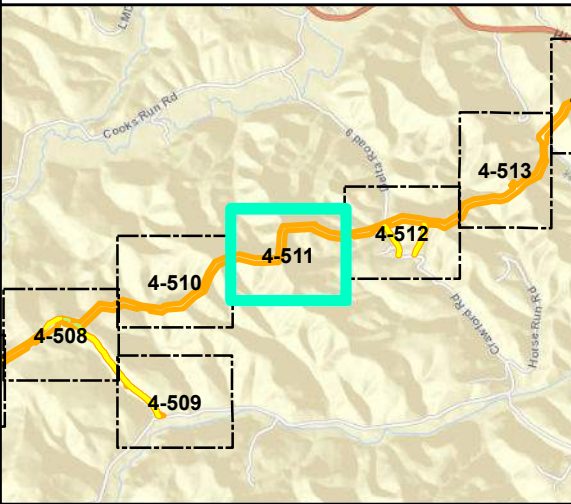
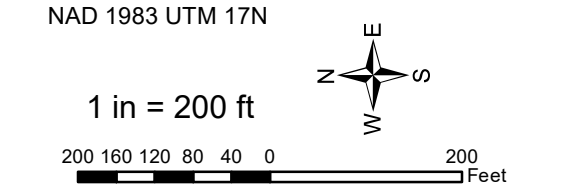




**Legend**

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



**Mountain Valley Pipeline Project**



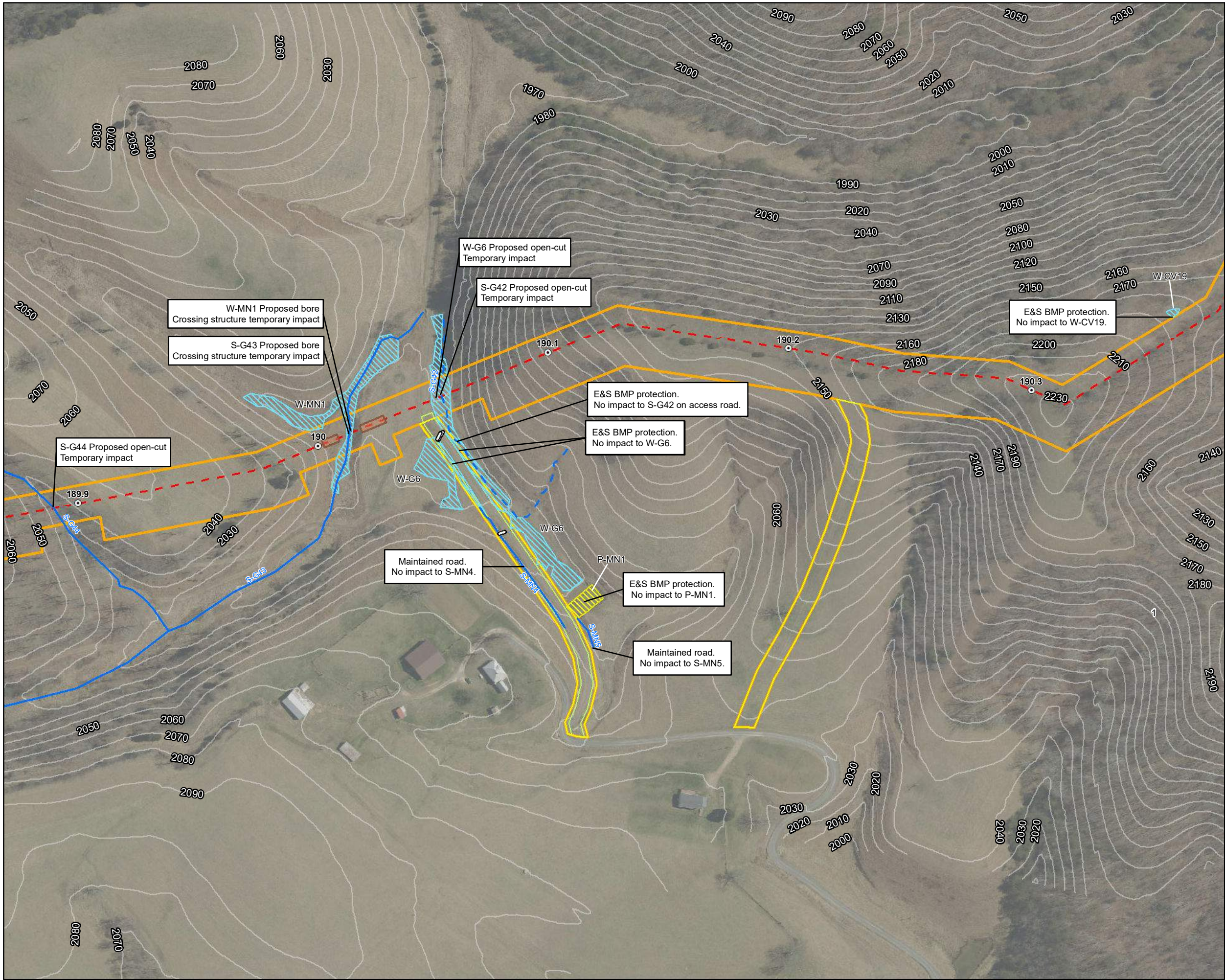
**Detail Map  
Individual Permit Application**

Figure 4-511  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





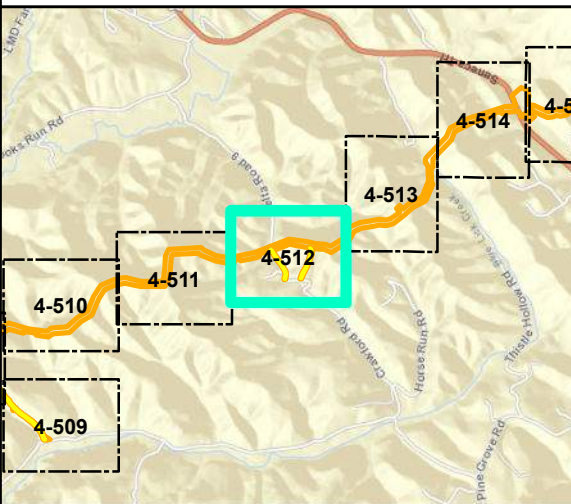
- Legend**
- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| — Alignment Centerline      | — Intermittent           |
| — Access Road Temporary LOD | — Perennial              |
| — 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

200 160 120 80 40 0 200 Feet



## Mountain Valley Pipeline Project



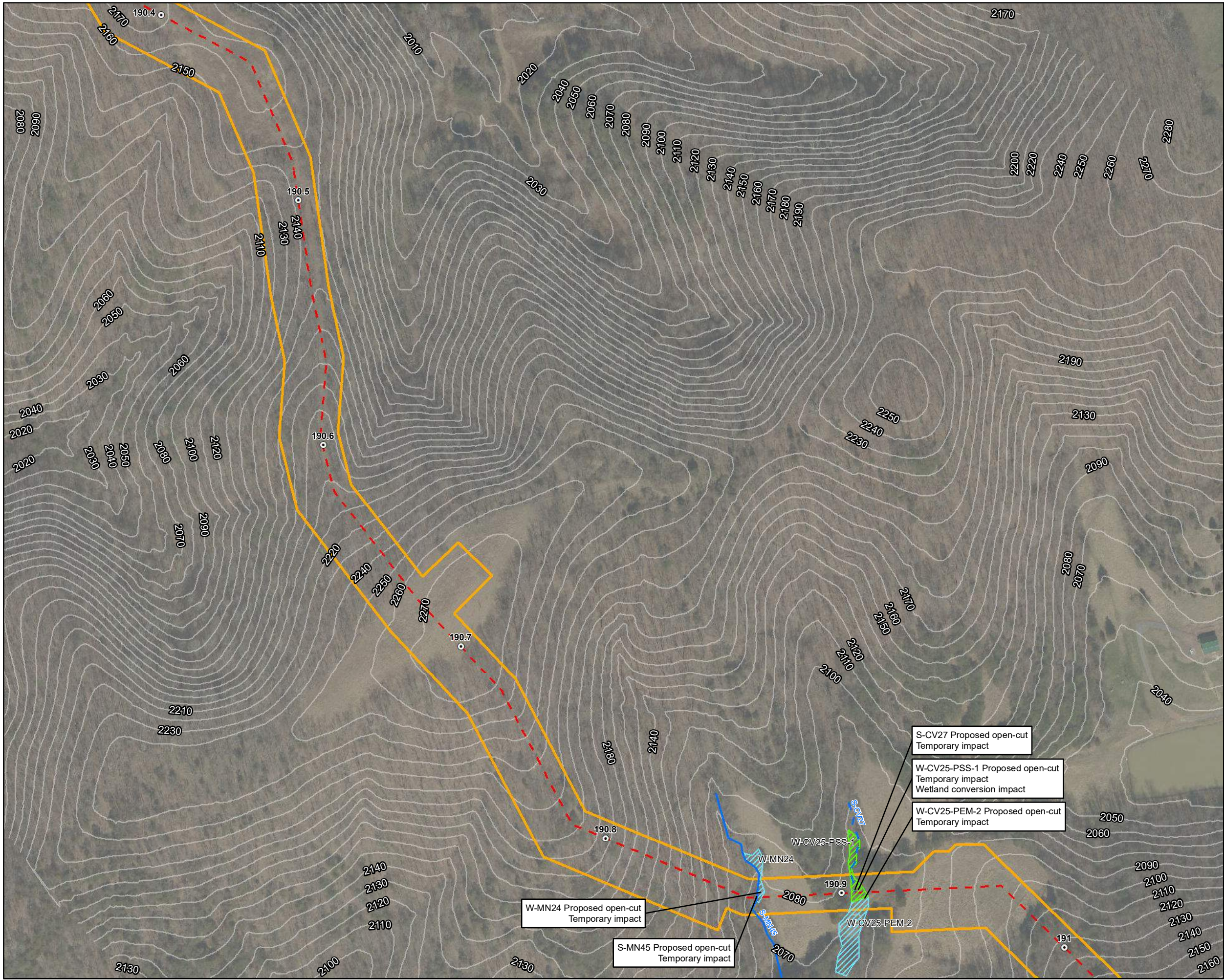
### Detail Map Individual Permit Application

Figure 4-512  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





**Legend**









**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**

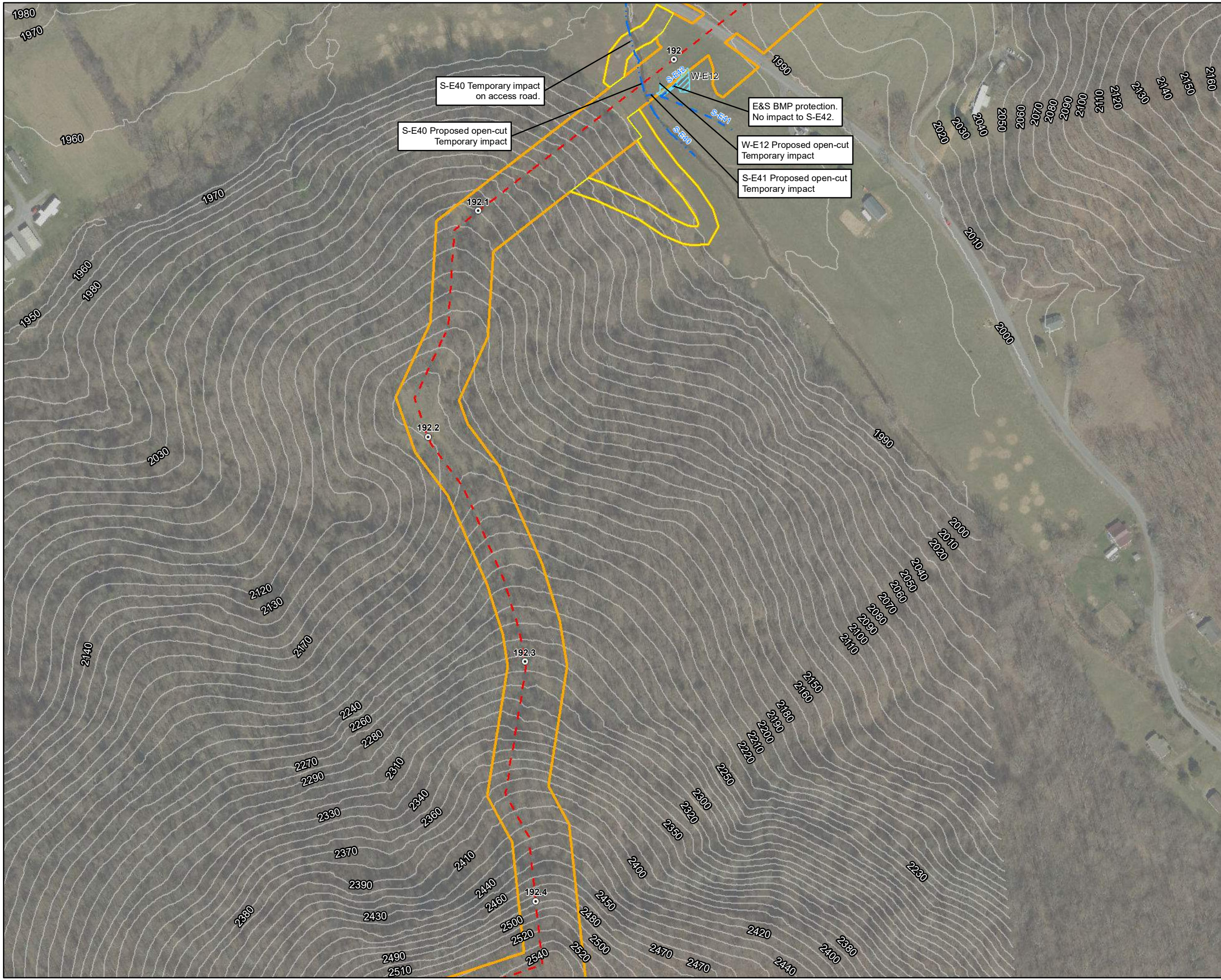
**Detail Map**  
**Individual Permit Application**

Figure 4-515  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





**Legend**

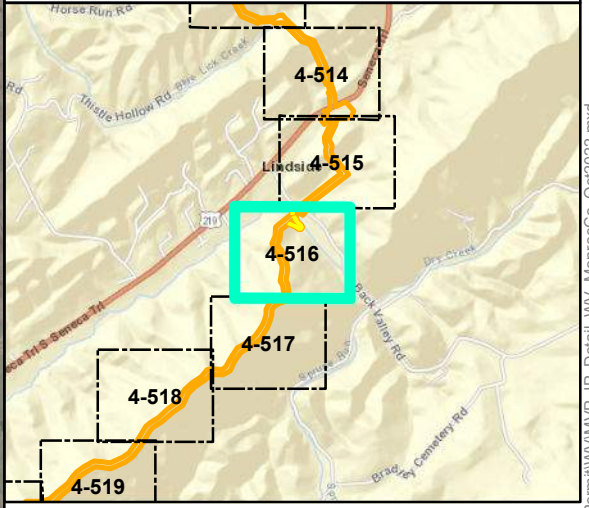
○ Milepost	Stream
--- Alignment Centerline	--- Intermittent
□ Access Road Temporary LOD	--- Perennial
□ Access Road Permanent LOD	--- Ephemeral
□ Permanent Facility	▨ Pond
□ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
== Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**

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

Figure 4-516  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
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

Intermittent

Perennial

Ephemeral

Pond

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

200

160

120

80

40

0

200

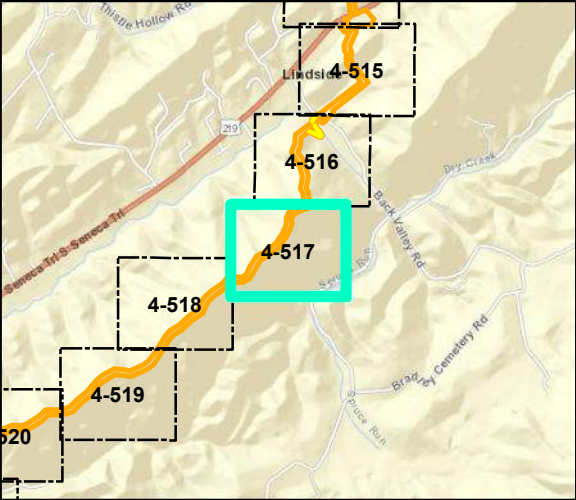
Feet

N

E

S

W



**Mountain Valley Pipeline Project**

**Detail Map**

**Individual Permit Application**

Figure 4-517

Monroe County, West Virginia

October 2022

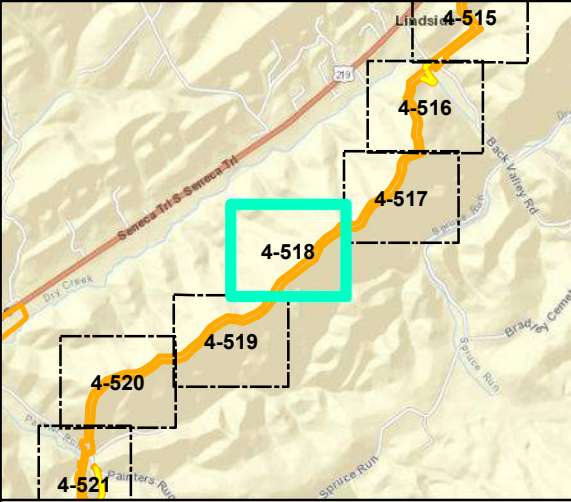
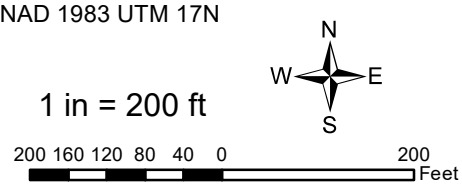
Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





- Legend**
- |                           |                        |
|---------------------------|------------------------|
| Milepost                  | Stream                 |
| Alignment Centerline      | Intermittent           |
| Access Road Temporary LOD | Perennial              |
| Access Road Permanent LOD | Ephemeral              |
| Permanent Facility        | Pond                   |
| Limit of Disturbance      | <b>Wetland</b>         |
| 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 4-518  
*Monroe County, West Virginia*

October 2022

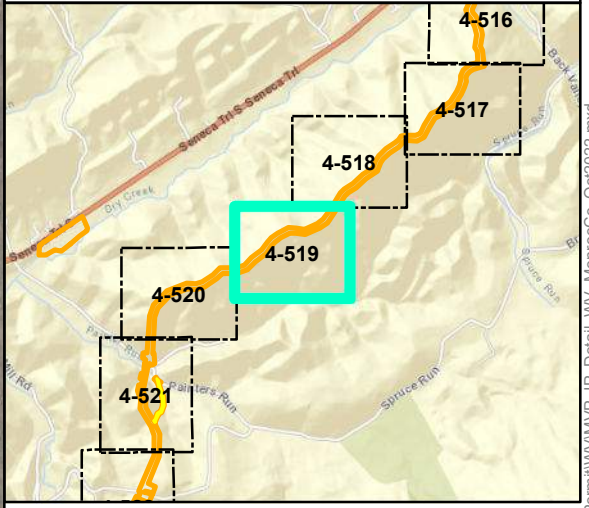
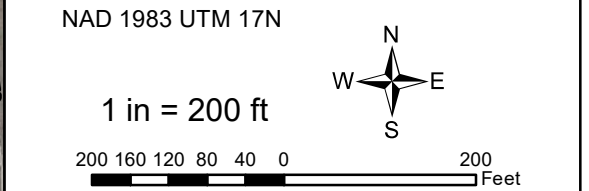
Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





- 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.



## Mountain Valley Pipeline Project



### Detail Map Individual Permit Application

Figure 4-519  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

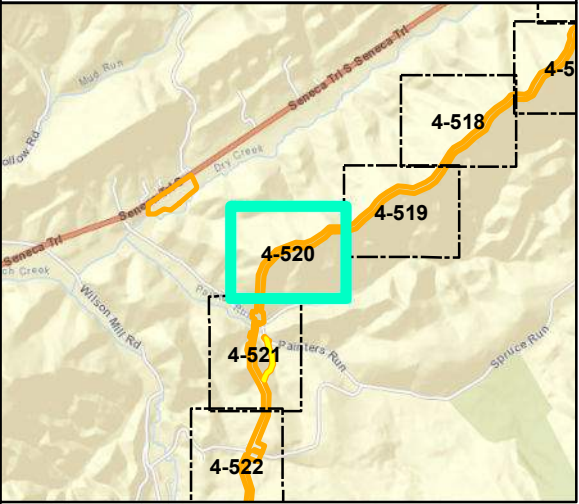
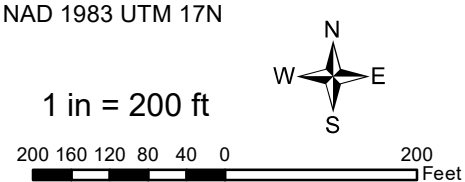




**Legend**

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



**Mountain Valley Pipeline Project**



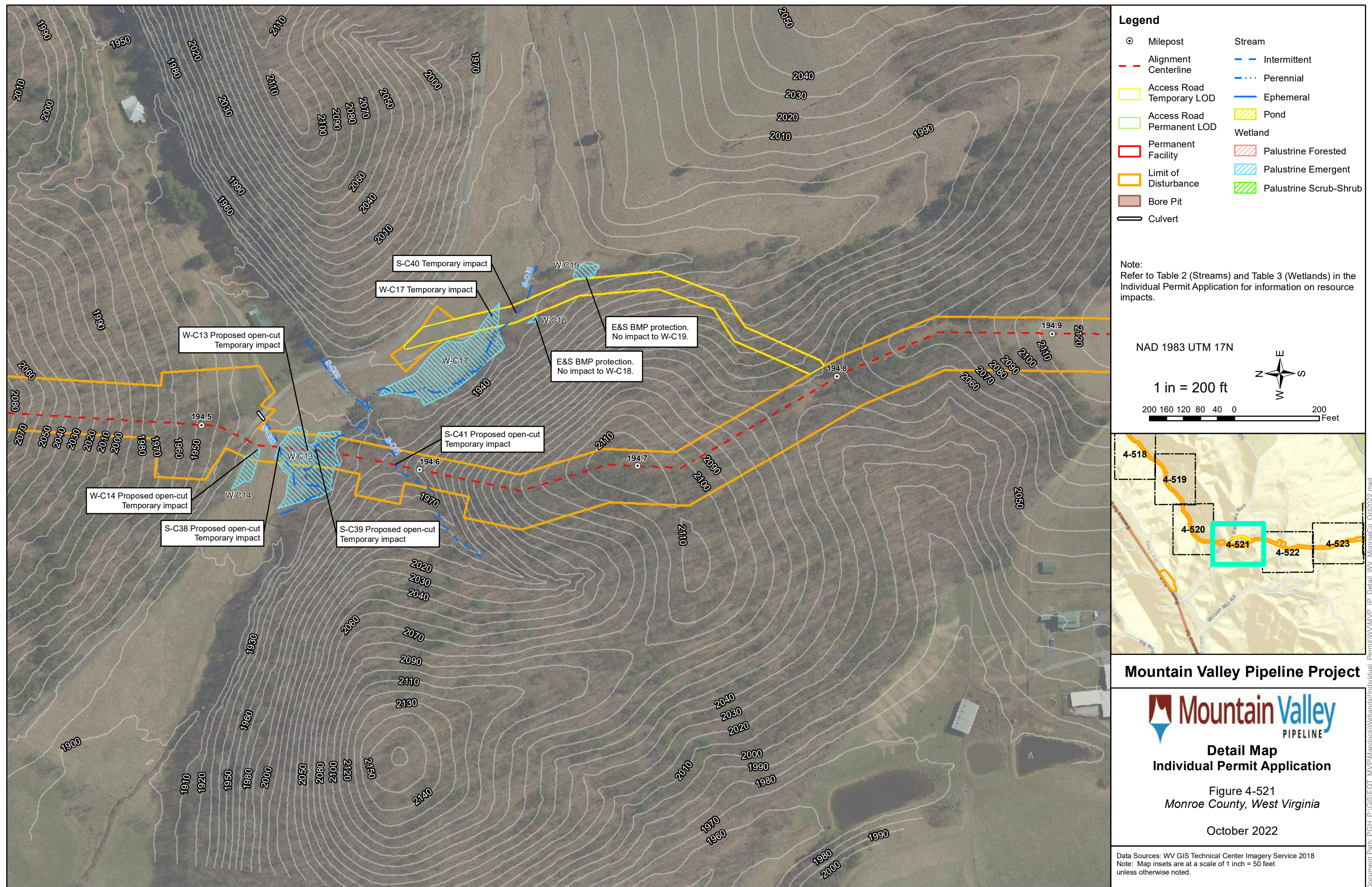
**Detail Map  
Individual Permit Application**

Figure 4-520  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



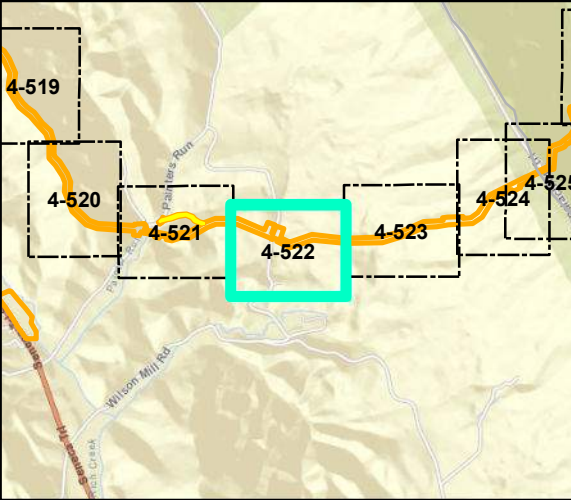
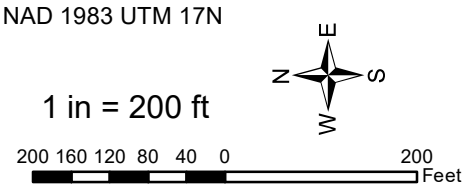






- Legend**
- |                             |                          |
|-----------------------------|--------------------------|
| ○ Milepost                  | Stream                   |
| - - - Alignment Centerline  | - - - Intermittent       |
| □ Access Road Temporary LOD | - · - · - Perennial      |
| □ 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.



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-522  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

Document Path: P:\GIS\EQ\MVP\Mapdocs\Wetlands\Individual\_Permit\WV\MVP\_IP\_Detail\_WV\_MonroeCo\_Oct2022.mxd





**Legend**

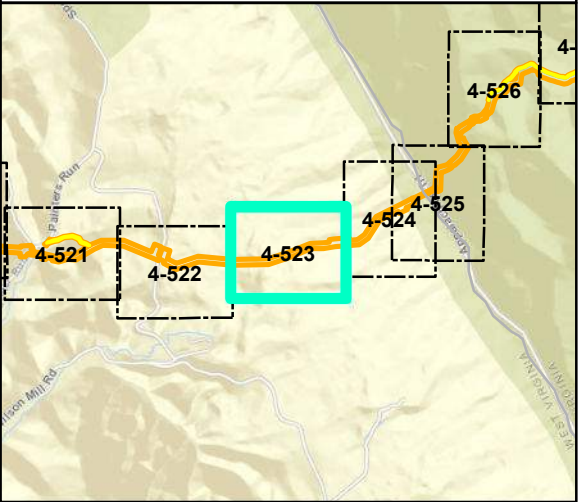
Milepost	Stream
Alignment Centerline	Intermittent
Access Road Temporary LOD	Perennial
Access Road Permanent LOD	Ephemeral
Permanent Facility	Pond
Limit of Disturbance	<b>Wetland</b>
Bore Pit	Palustrine Forested
Culvert	Palustrine Emergent
	Palustrine Scrub-Shrub

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**

**Mountain Valley**  
PIPELINE

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

Figure 4-523  
Monroe County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





**Legend**

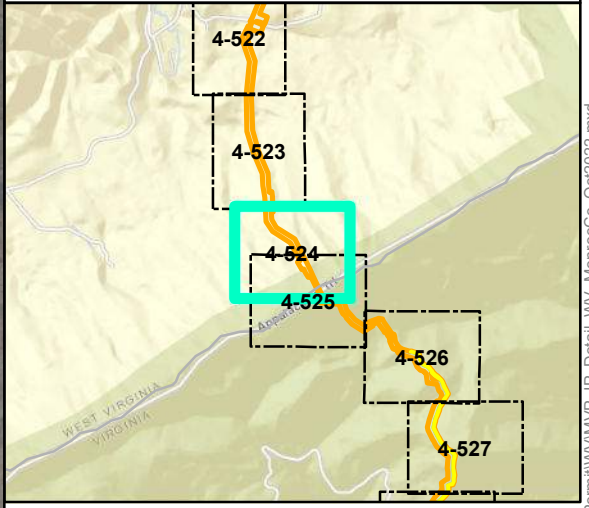
○ Milepost	Stream
--- Alignment Centerline	--- Intermittent
□ Access Road Temporary LOD	--- Perennial
□ Access Road Permanent LOD	--- Ephemeral
□ Permanent Facility	▨ Pond
□ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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

200 160 120 80 40 0 200 Feet



**Mountain Valley Pipeline Project**



**Detail Map  
Individual Permit Application**

Figure 4-524  
*Monroe County, West Virginia*

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2018  
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.