

Legend

Milepost

Alignment Centerline

Access Road Temporary LOD

Access Road Permanent LOD

Permanent Facility

Limit of Disturbance

Bore Pit

Culvert

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

E

S

W

Mountain Valley Pipeline Project

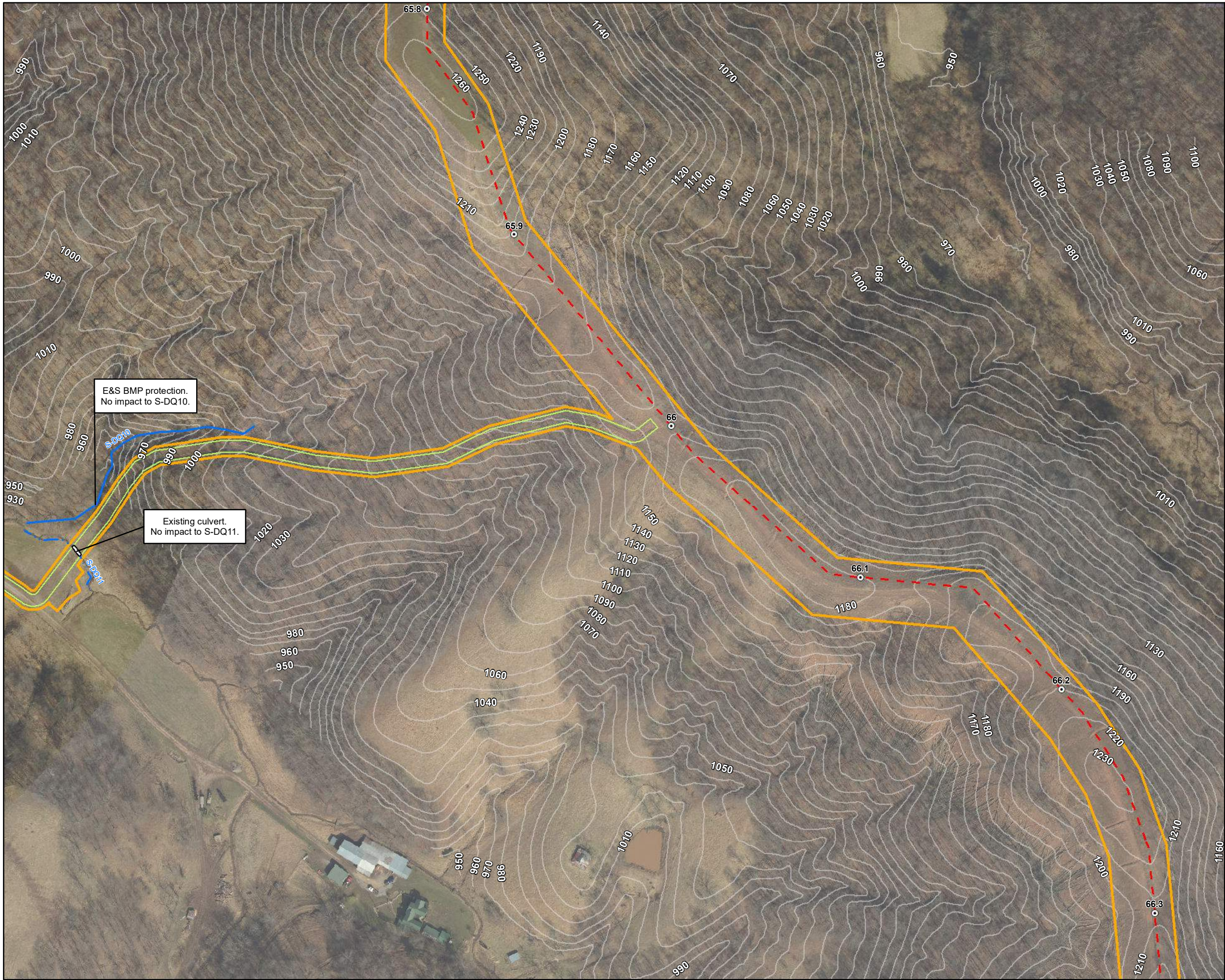
Detail Map
Individual Permit Application

Figure 4-158
Braxton County, West Virginia

November 2022

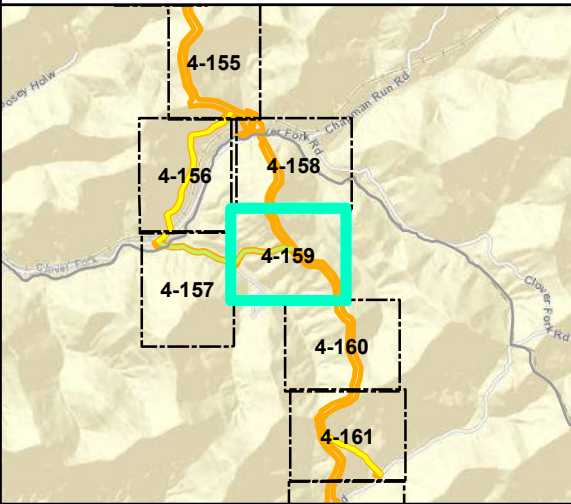
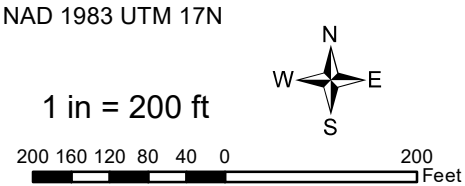
Data Sources: WV GIS Technical Center Imagery Service 2019
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

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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

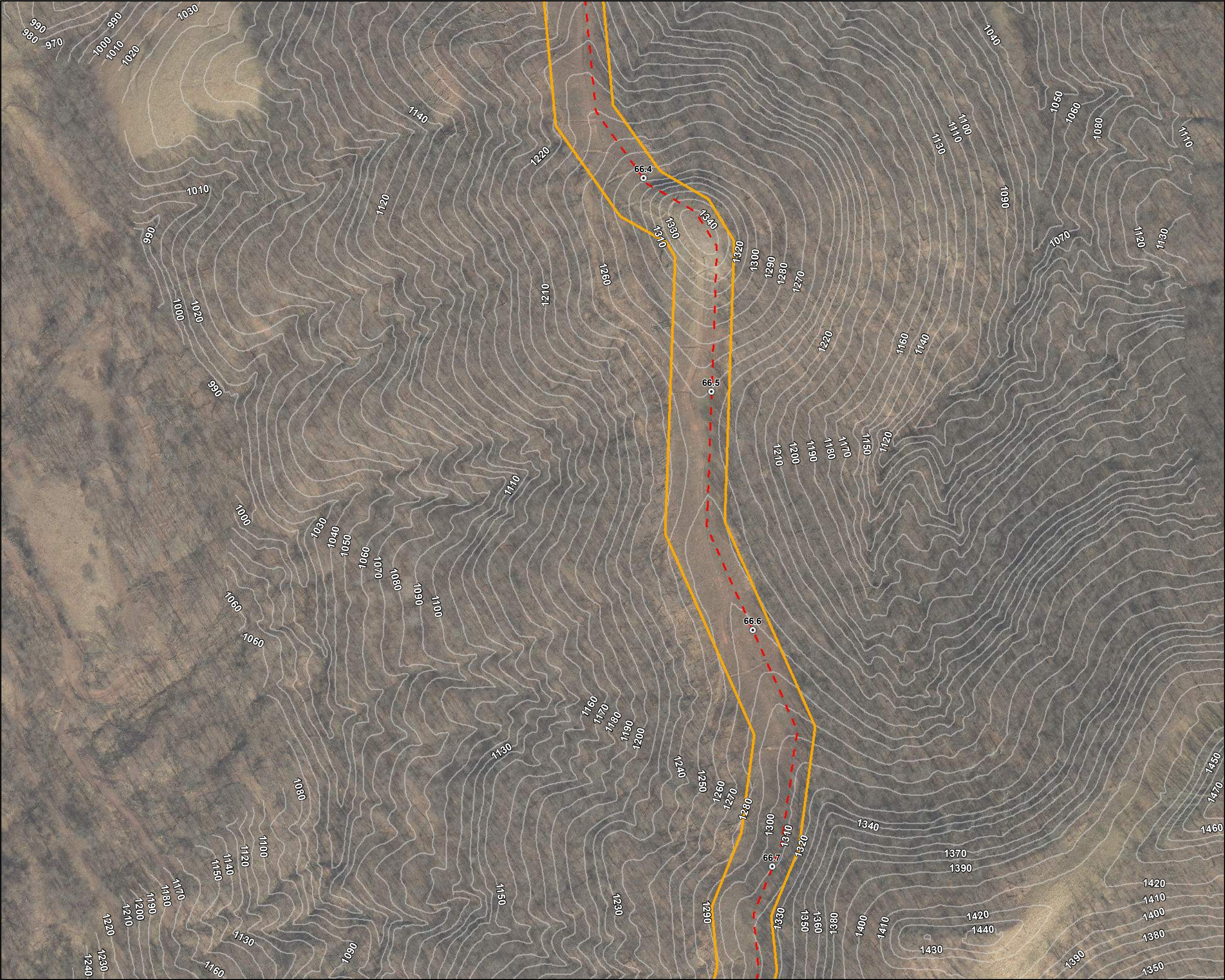


**Detail Map
Individual Permit Application**

Figure 4-159
Braxton County, West Virginia

November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
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 4-160
Braxton County, West Virginia

November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



Legend

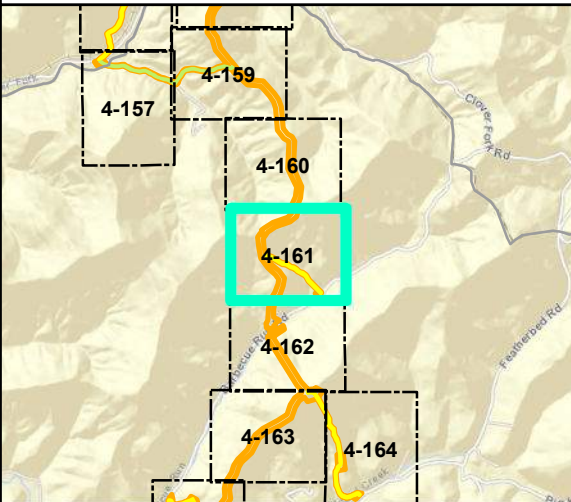
- | | |
|-----------------------------|--------------------------|
| ○ Milepost | Stream |
| --- Alignment Centerline | --- Intermittent |
| □ Access Road Temporary LOD | --- Perennial |
| □ Access Road Permanent LOD | --- Ephemeral |
| □ Permanent Facility | ▨ Pond |
| □ Limit of Disturbance | Wetland |
| ■ 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 4-161
Braxton County, West Virginia

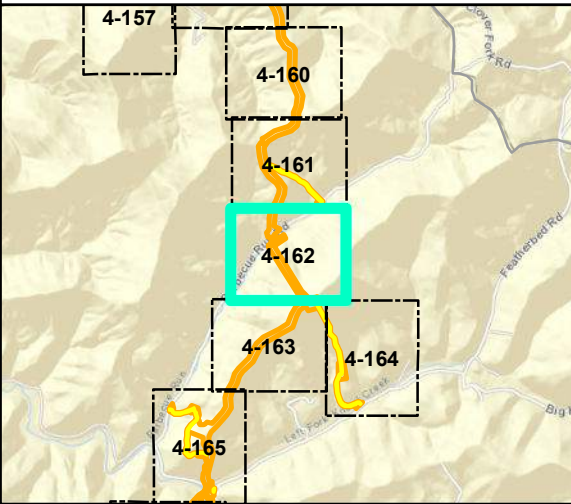
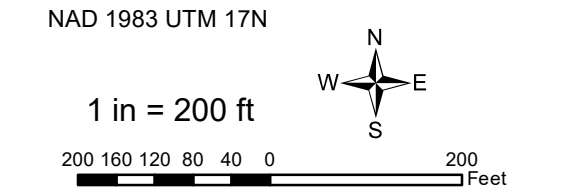
November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
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 4-162
Braxton County, West Virginia

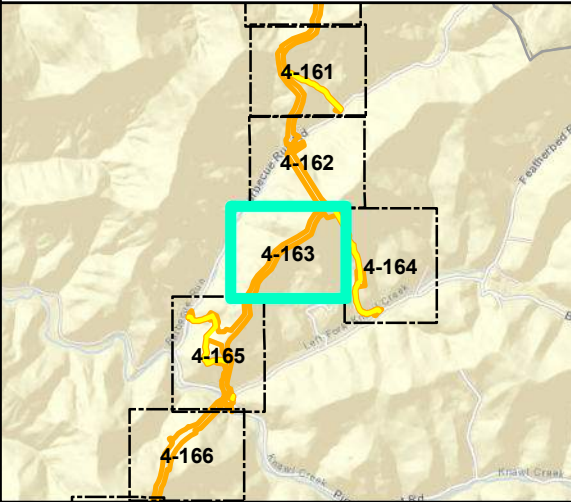
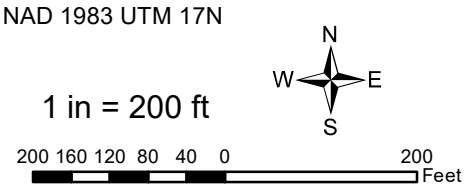
November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
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 4-163
Braxton County, West Virginia

November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



Legend

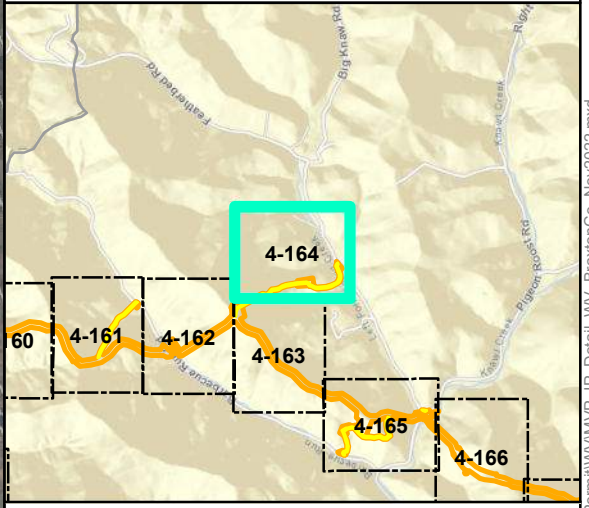
○ Milepost	Stream
— Alignment Centerline	— Intermittent
— Access Road Temporary LOD	— Perennial
— Access Road Permanent LOD	— Ephemeral
Permanent Facility	▨ Pond
Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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



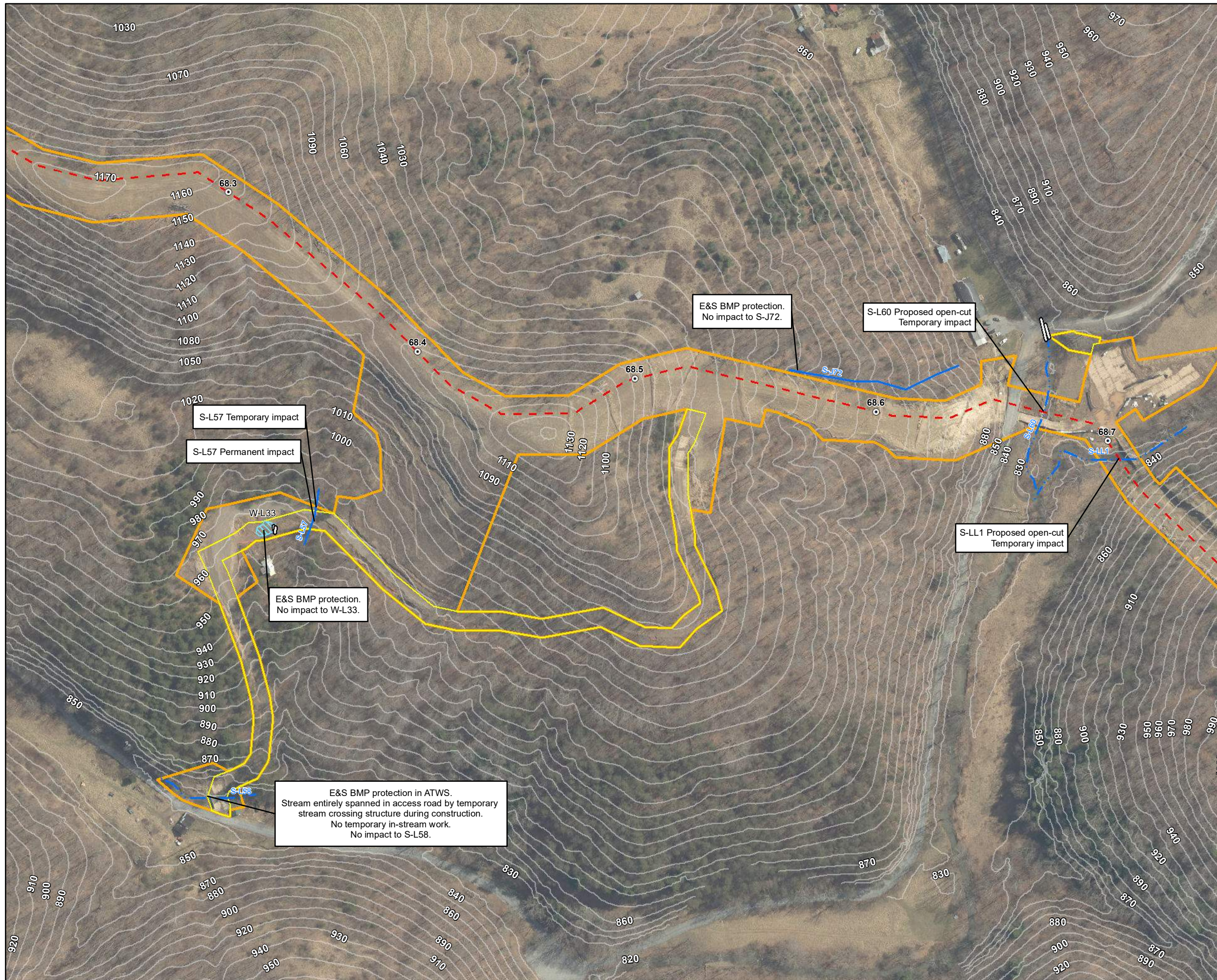
Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-164
Braxton County, West Virginia
November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
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 4-165
Braxton County, West Virginia

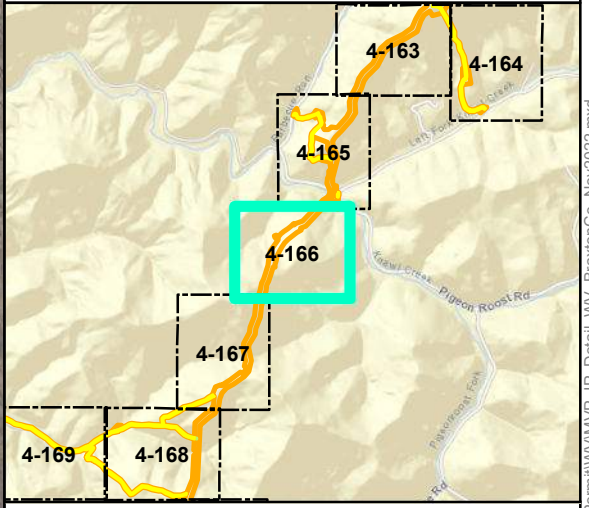
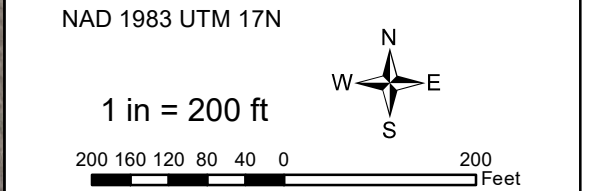
November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
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.



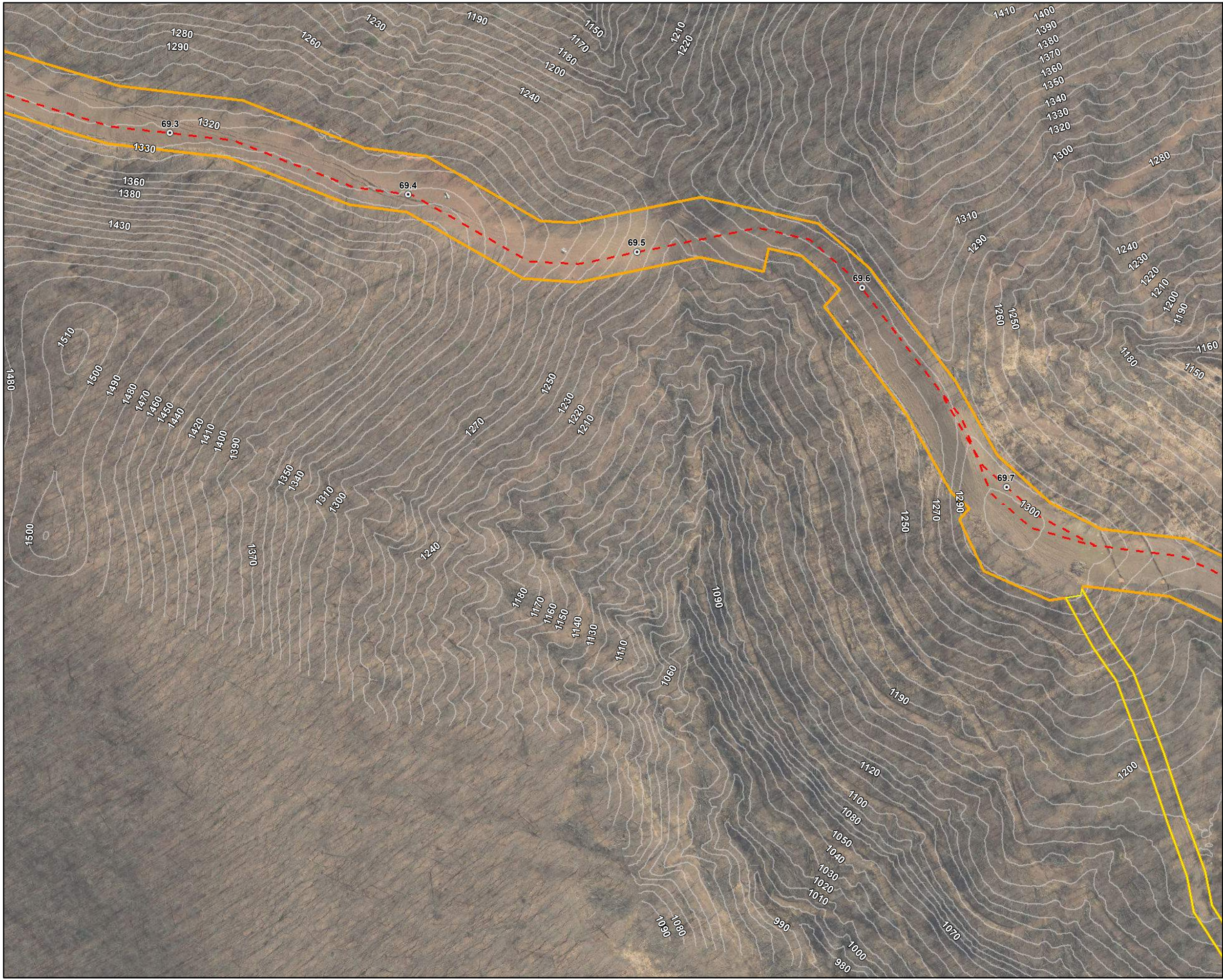
Mountain Valley Pipeline Project



Detail Map Individual Permit Application

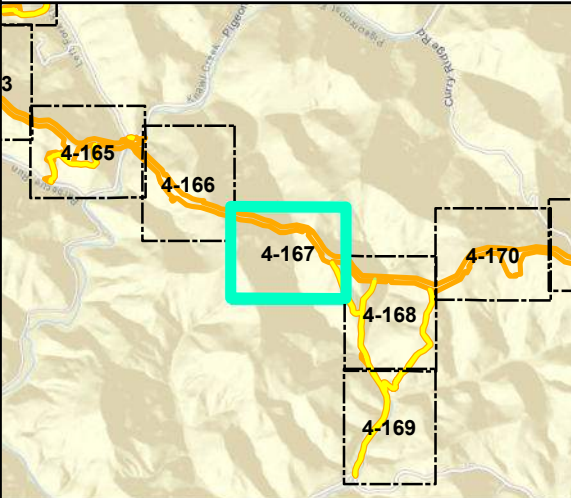
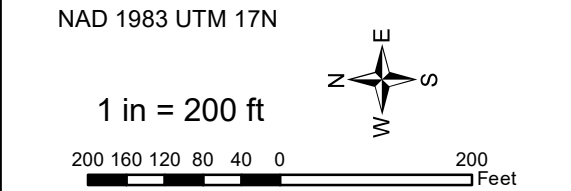
Figure 4-166
Braxton County, West Virginia
November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
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 4-167
Braxton County, West Virginia
November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
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

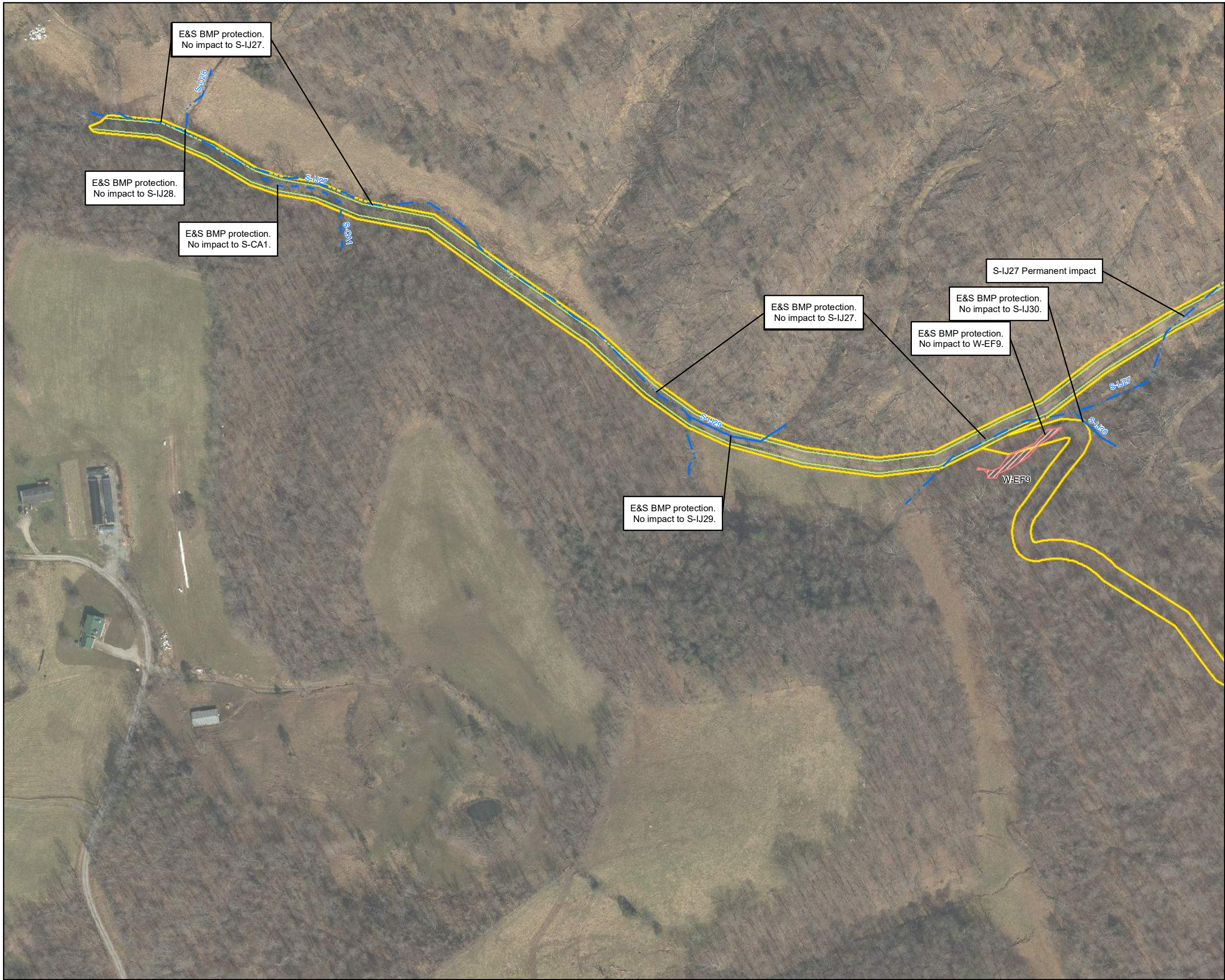
Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-168
Braxton County, West Virginia

November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



Legend

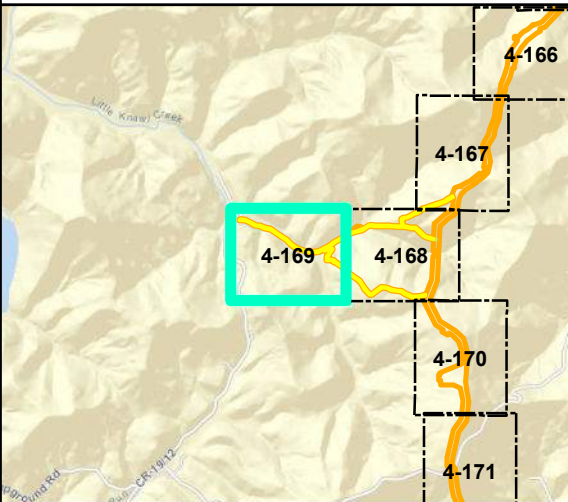
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|-----------------------------|--------------------------|
| ○ Milepost | Stream |
| --- Alignment Centerline | --- Intermittent |
| □ Access Road Temporary LOD | --- Perennial |
| □ Access Road Permanent LOD | --- Ephemeral |
| □ Permanent Facility | ▨ 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 4-169
Braxton County, West Virginia

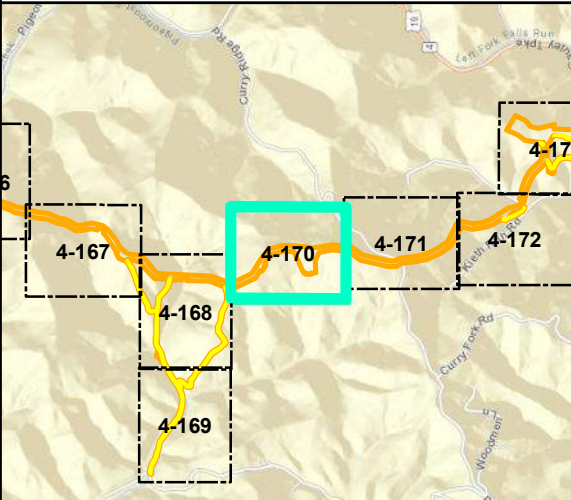
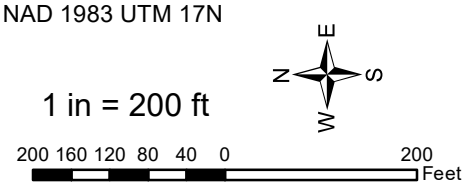
November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
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 4-170
Braxton County, West Virginia

November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
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

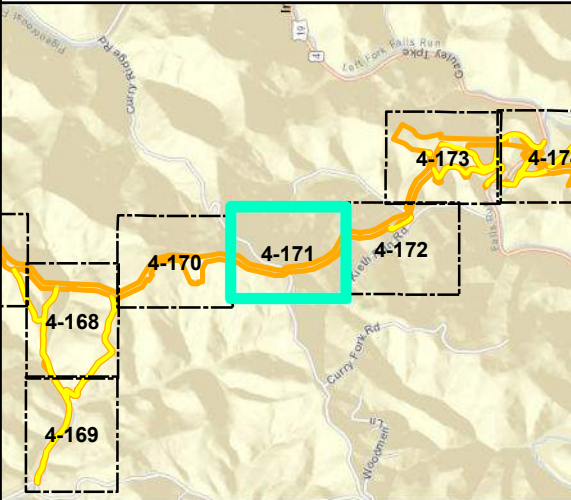
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

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 4-171
Braxton County, West Virginia
November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
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

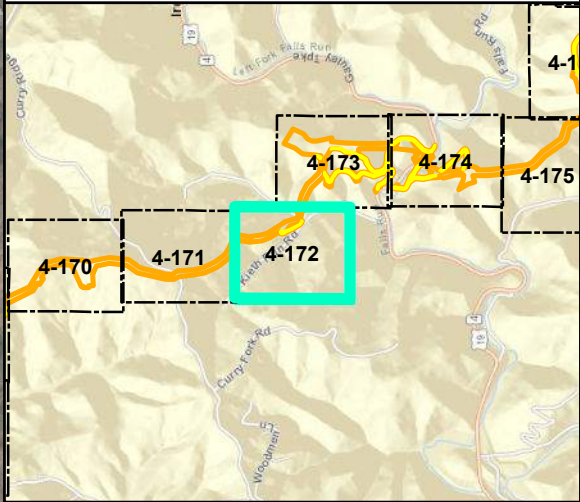
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0

200 Feet



Mountain Valley Pipeline Project

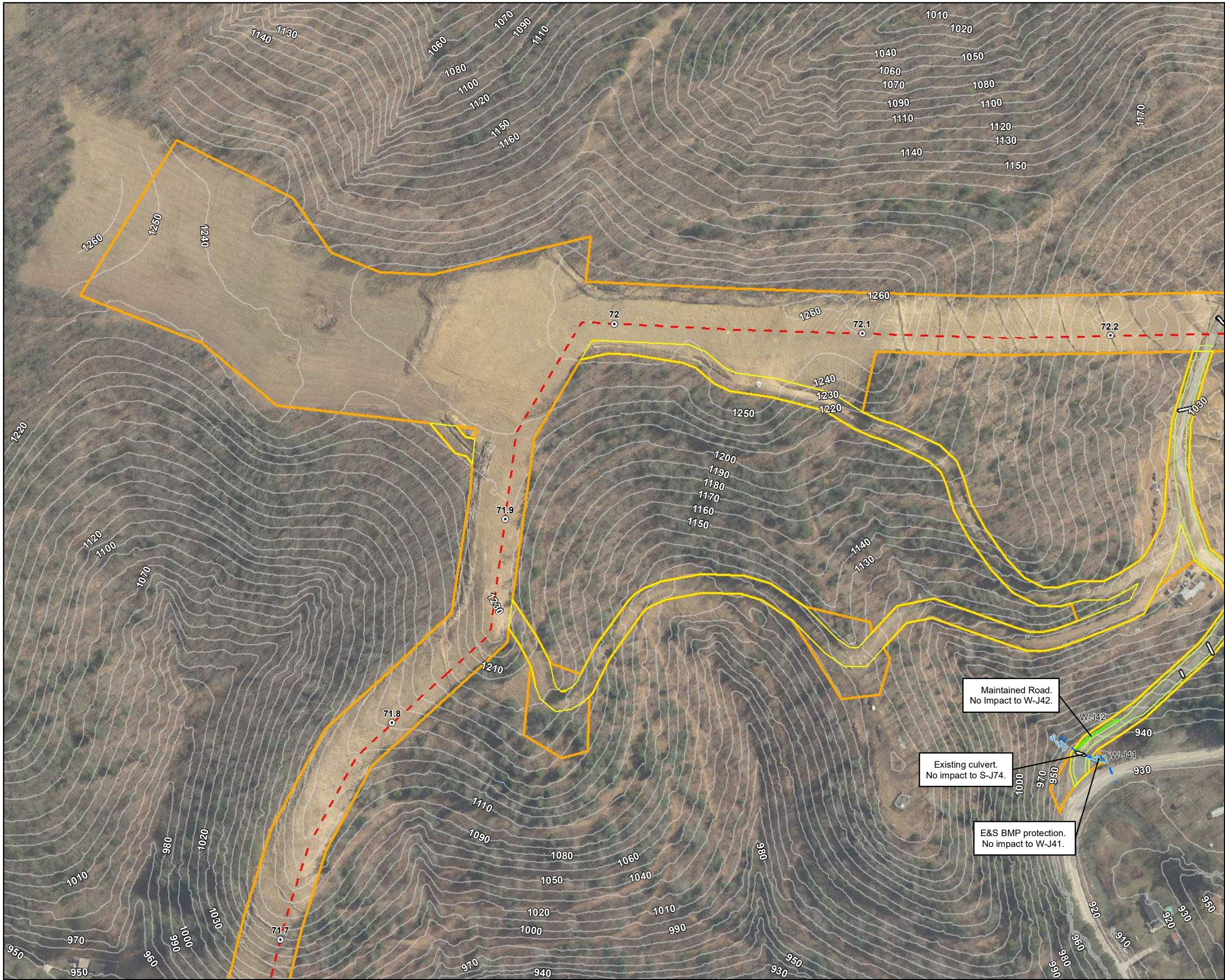
Detail Map
Individual Permit Application

Figure 4-172
Braxton County, West Virginia

November 2022

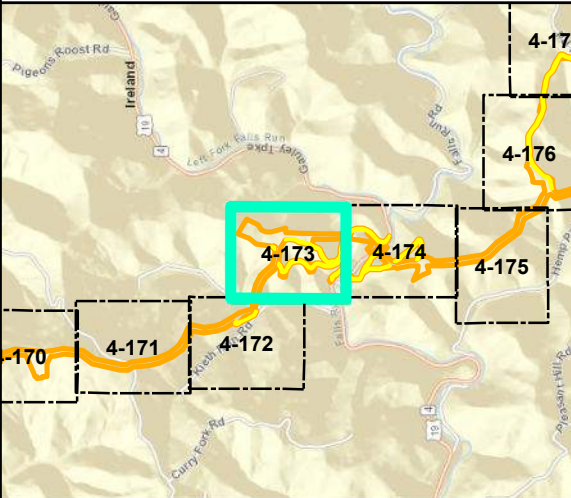
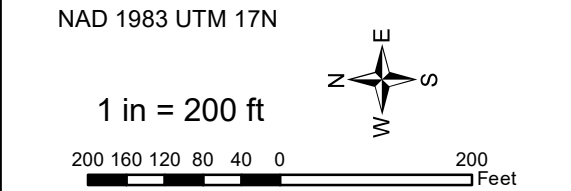
Data Sources: WV GIS Technical Center Imagery Service 2019
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.

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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.



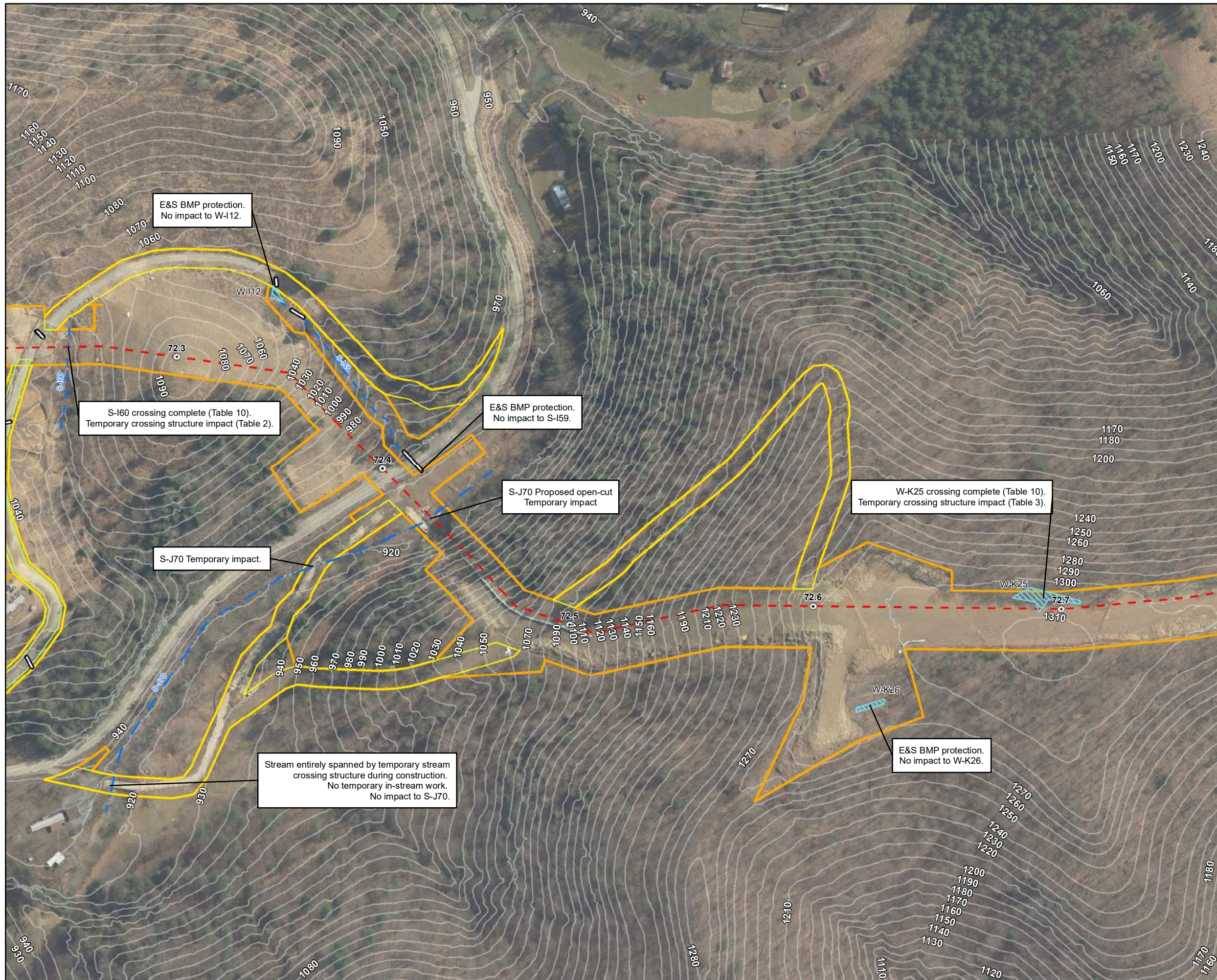
Mountain Valley Pipeline Project



Detail Map Individual Permit Application

Figure 4-173
Braxton County, West Virginia
November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
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 4-174
Braxton County, West Virginia

November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
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 4-175
Braxton County, West Virginia

November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



Legend

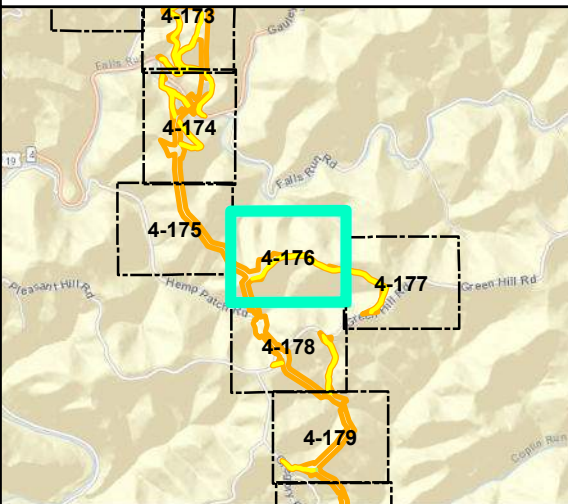
- | | |
|-----------------------------|--------------------------|
| ○ Milepost | Stream |
| --- Alignment Centerline | --- Intermittent |
| □ Access Road Temporary LOD | --- Perennial |
| □ Access Road Permanent LOD | --- Ephemeral |
| □ Permanent Facility | ▨ Pond |
| □ Limit of Disturbance | Wetland |
| ● 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 4-176
Braxton County, West Virginia

November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



Legend

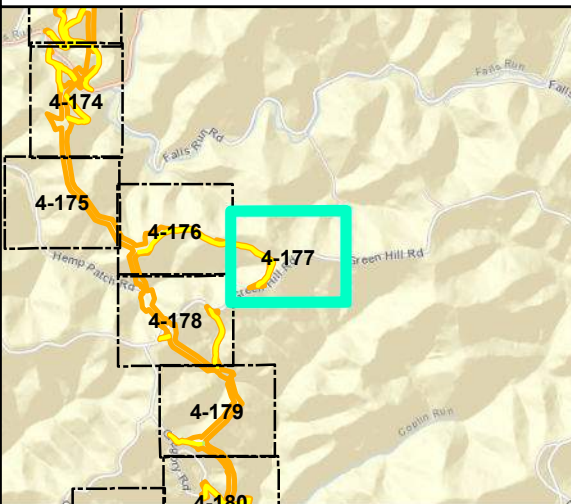
- | | |
|-----------------------------|--------------------------|
| ○ Milepost | Stream |
| — Alignment Centerline | — Intermittent |
| — Access Road Temporary LOD | — Perennial |
| — Access Road Permanent LOD | — Ephemeral |
| Permanent Facility | ▨ Pond |
| Limit of Disturbance | Wetland |
| ▨ Bore 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

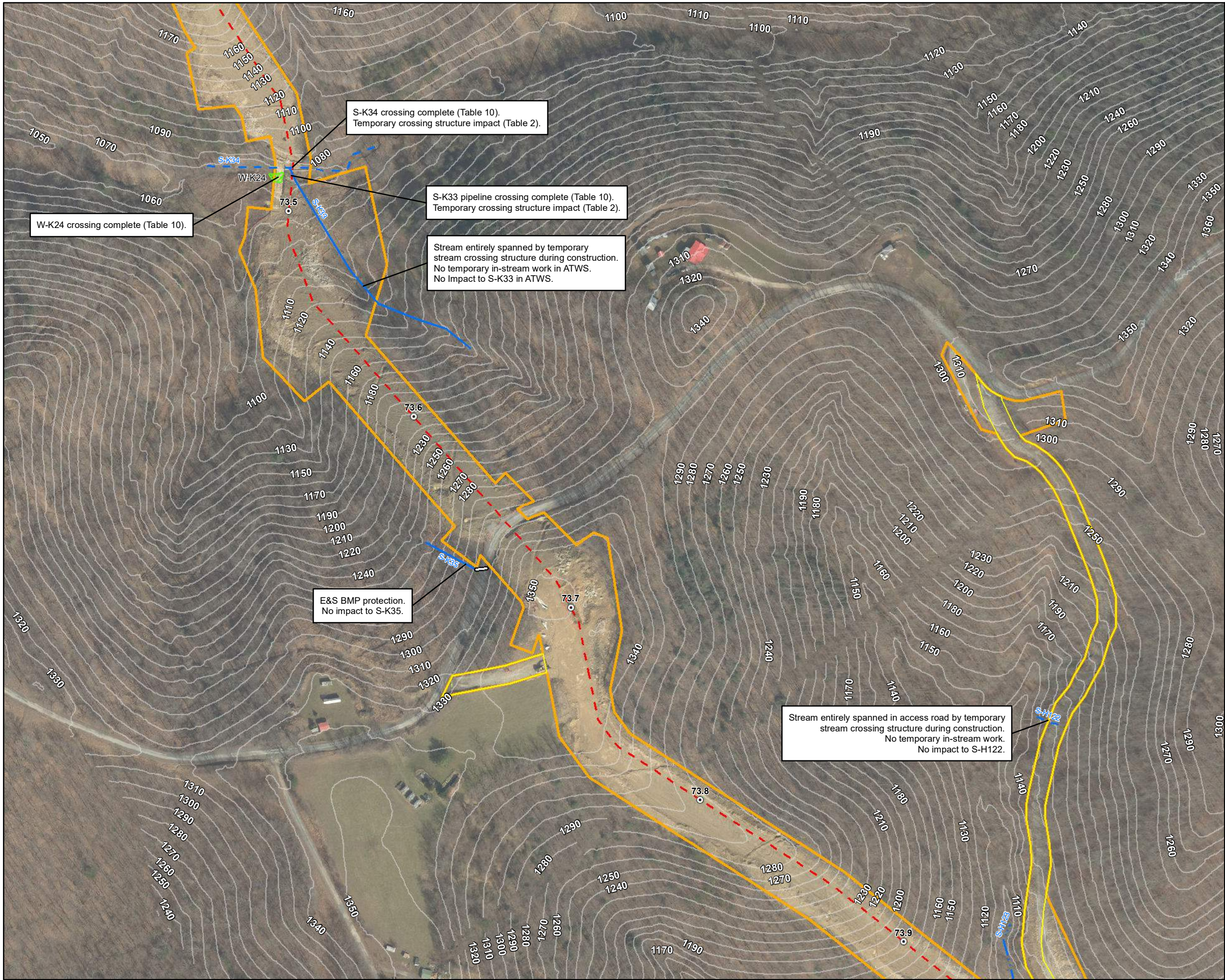


Detail Map Individual Permit Application

Figure 4-177
Braxton County, West Virginia

November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



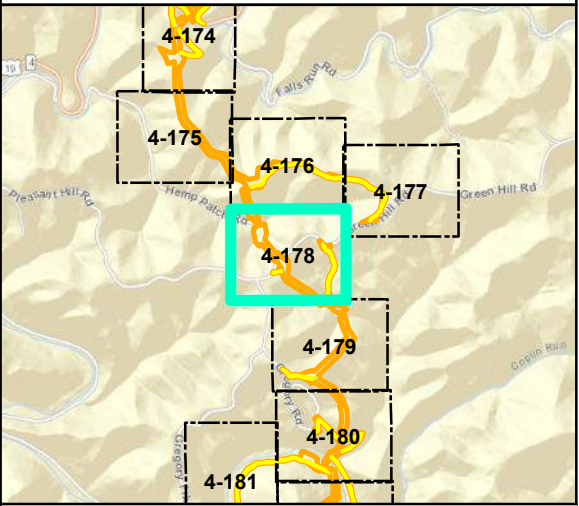
- Legend**
- | | |
|-----------------------------|--------------------------|
| ○ Milepost | Stream |
| — Alignment Centerline | — Intermittent |
| — Access Road Temporary LOD | — Perennial |
| — Access Road Permanent LOD | — Ephemeral |
| Permanent Facility | ▨ Pond |
| Limit of Disturbance | Wetland |
| 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 4-178
Braxton County, West Virginia

November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



Legend

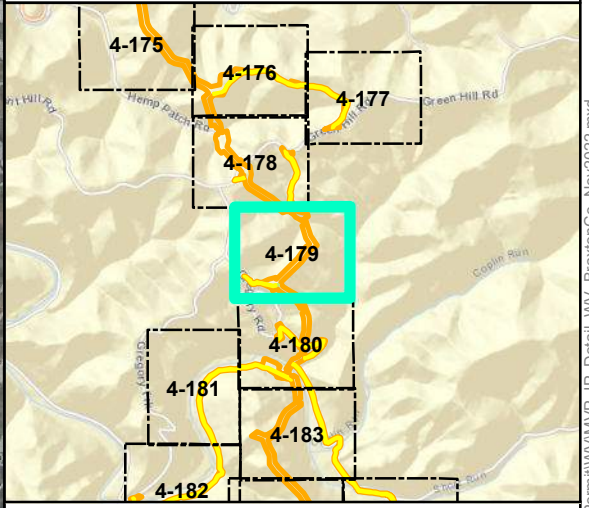
○ Milepost	Stream
- - - Alignment Centerline	- - - Intermittent
□ Access Road Temporary LOD	- · - · - Perennial
□ Access Road Permanent LOD	— Ephemeral
□ Permanent Facility	▨ Pond
□ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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



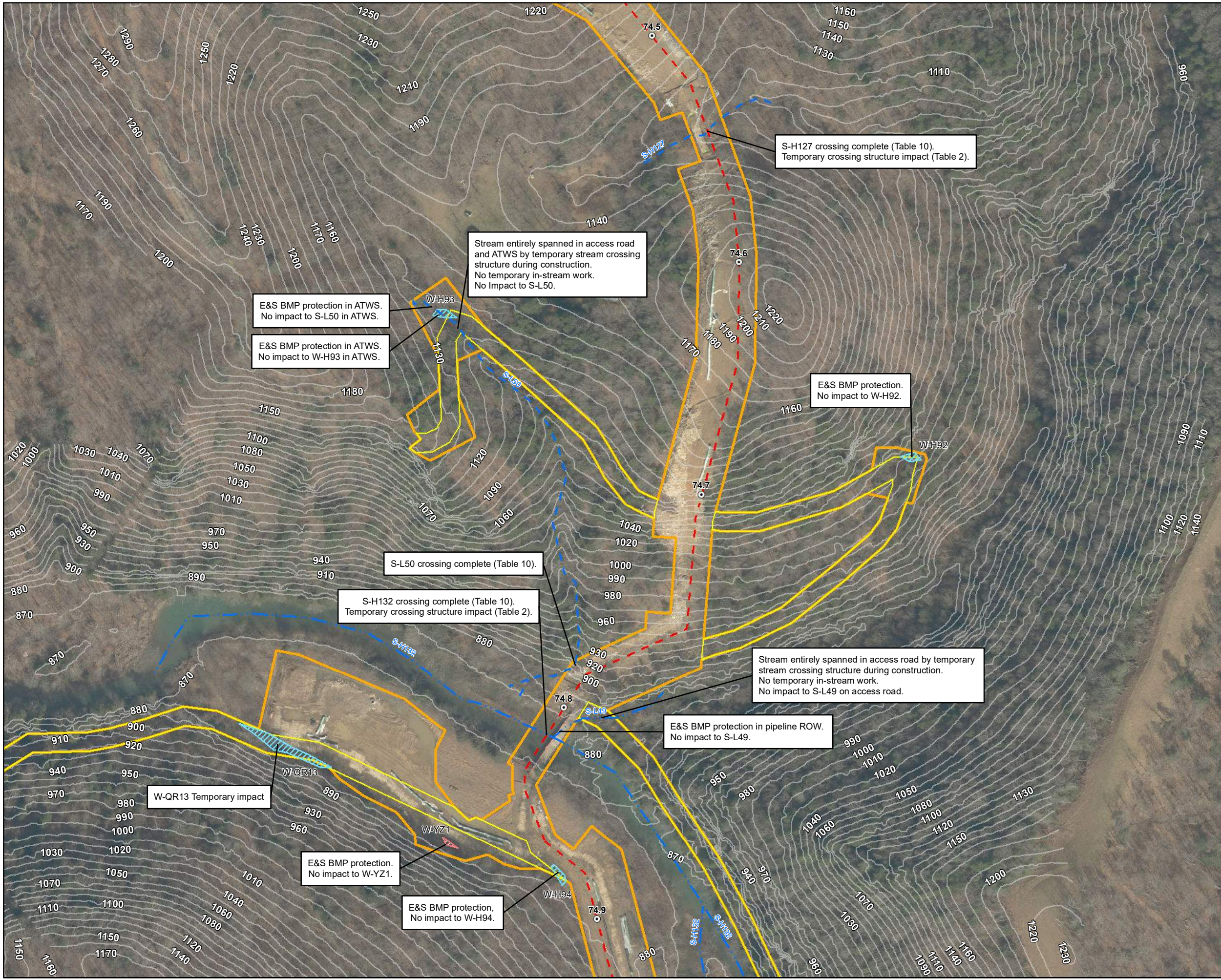
Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-179
Braxton County, West Virginia
November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



Legend

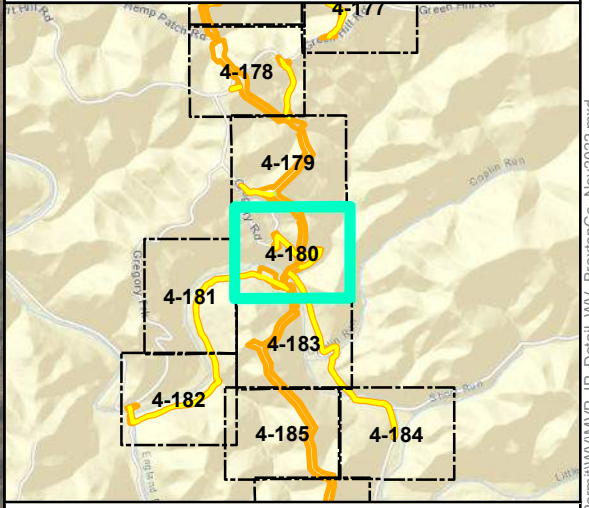
○ Milepost	Stream
- - - Alignment Centerline	- - - Intermittent
□ Access Road Temporary LOD	- - - Perennial
□ Access Road Permanent LOD	- - - Ephemeral
□ Permanent Facility	▨ Pond
□ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
▬ Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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

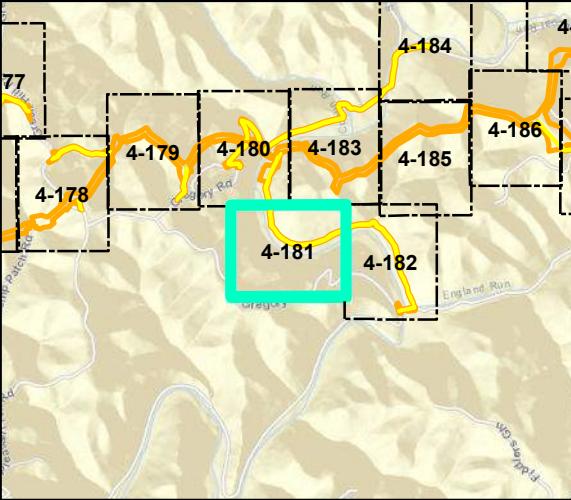
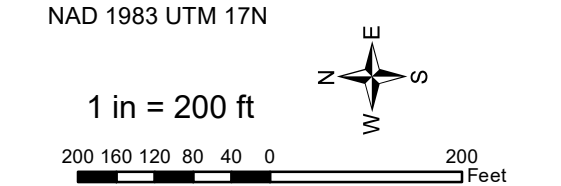
Figure 4-180
Braxton County, West Virginia
November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
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.



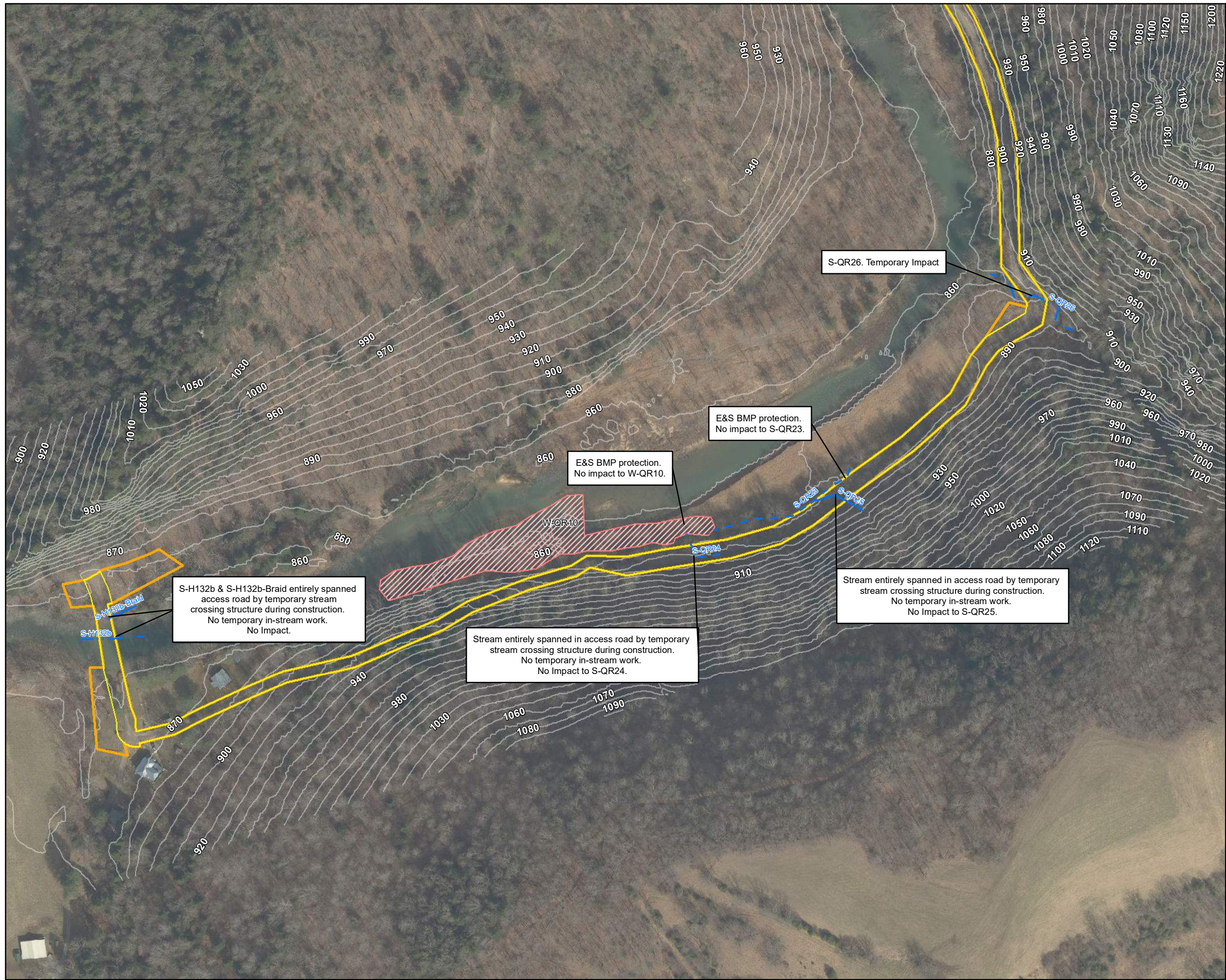
Mountain Valley Pipeline Project



Detail Map Individual Permit Application

Figure 4-181
Braxton County, West Virginia
November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



Legend

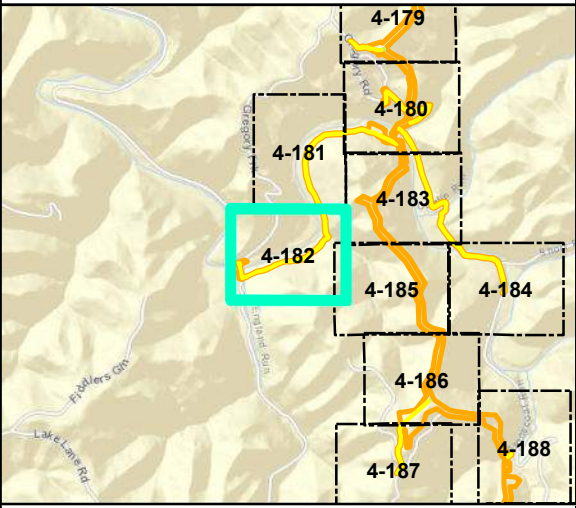
○ Milepost	Stream
— Alignment Centerline	— Intermittent
— Access Road Temporary LOD	— Perennial
— Access Road Permanent LOD	— Ephemeral
Permanent Facility	▨ Pond
Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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



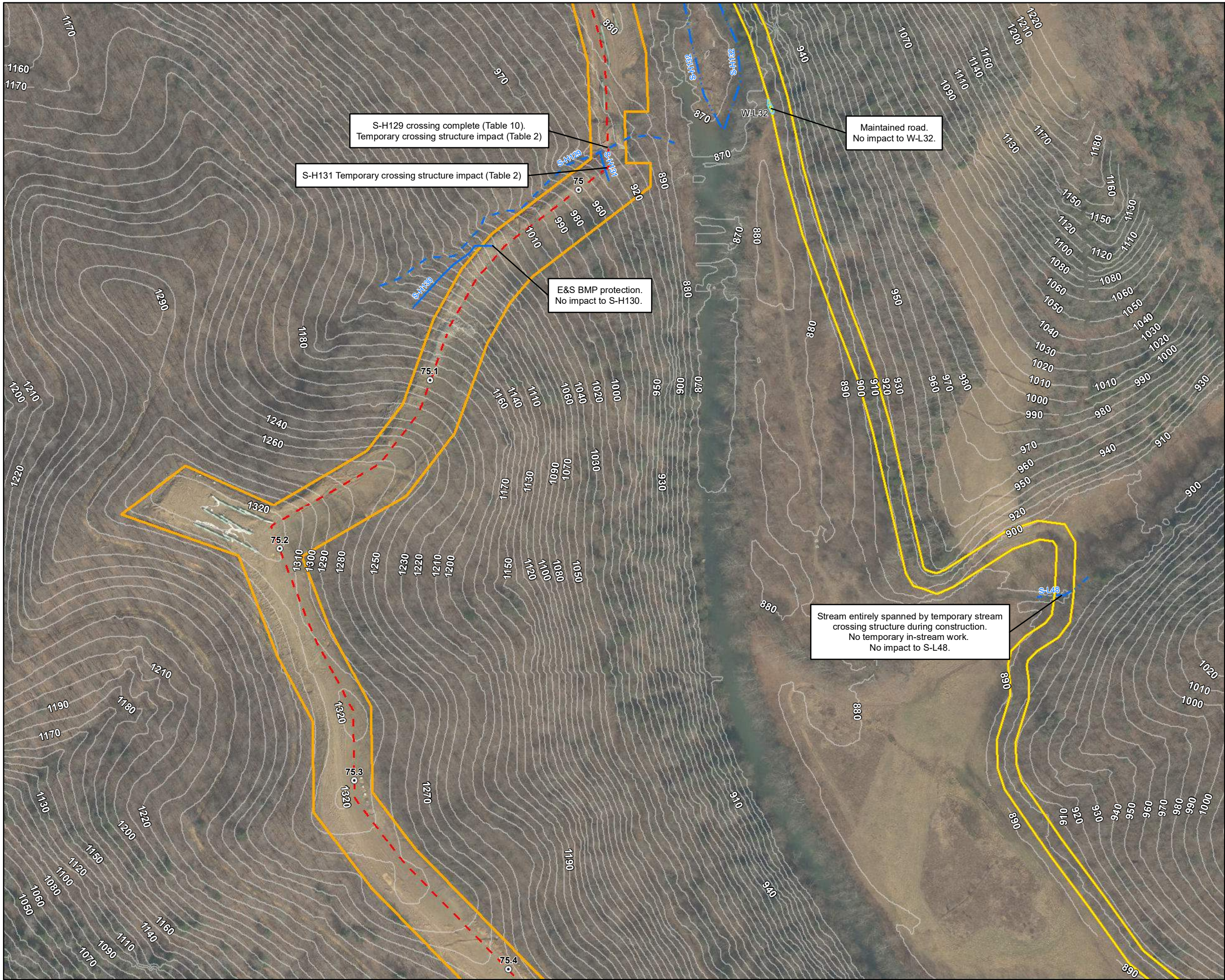
Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-182
Braxton County, West Virginia
November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



Legend

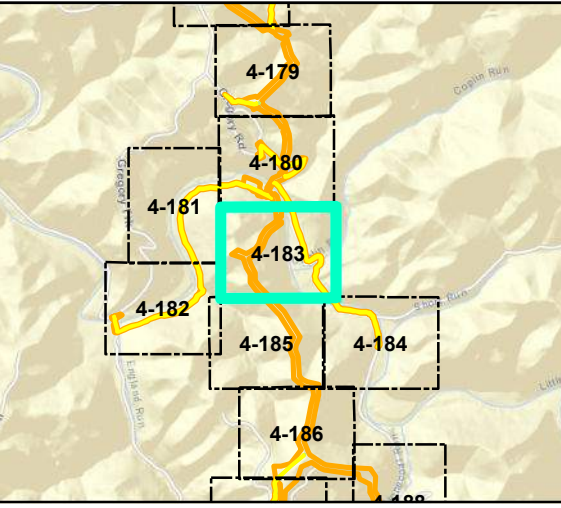
○ Milepost	Stream
--- Alignment Centerline	--- Intermittent
--- Access Road Temporary LOD	--- Perennial
--- Access Road Permanent LOD	--- Ephemeral
Permanent Facility	--- Pond
Limit of Disturbance	Wetland
Bore Pit	--- Palustrine Forested
--- Culvert	--- Palustrine Emergent
	--- Palustrine Scrub-Shrub

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



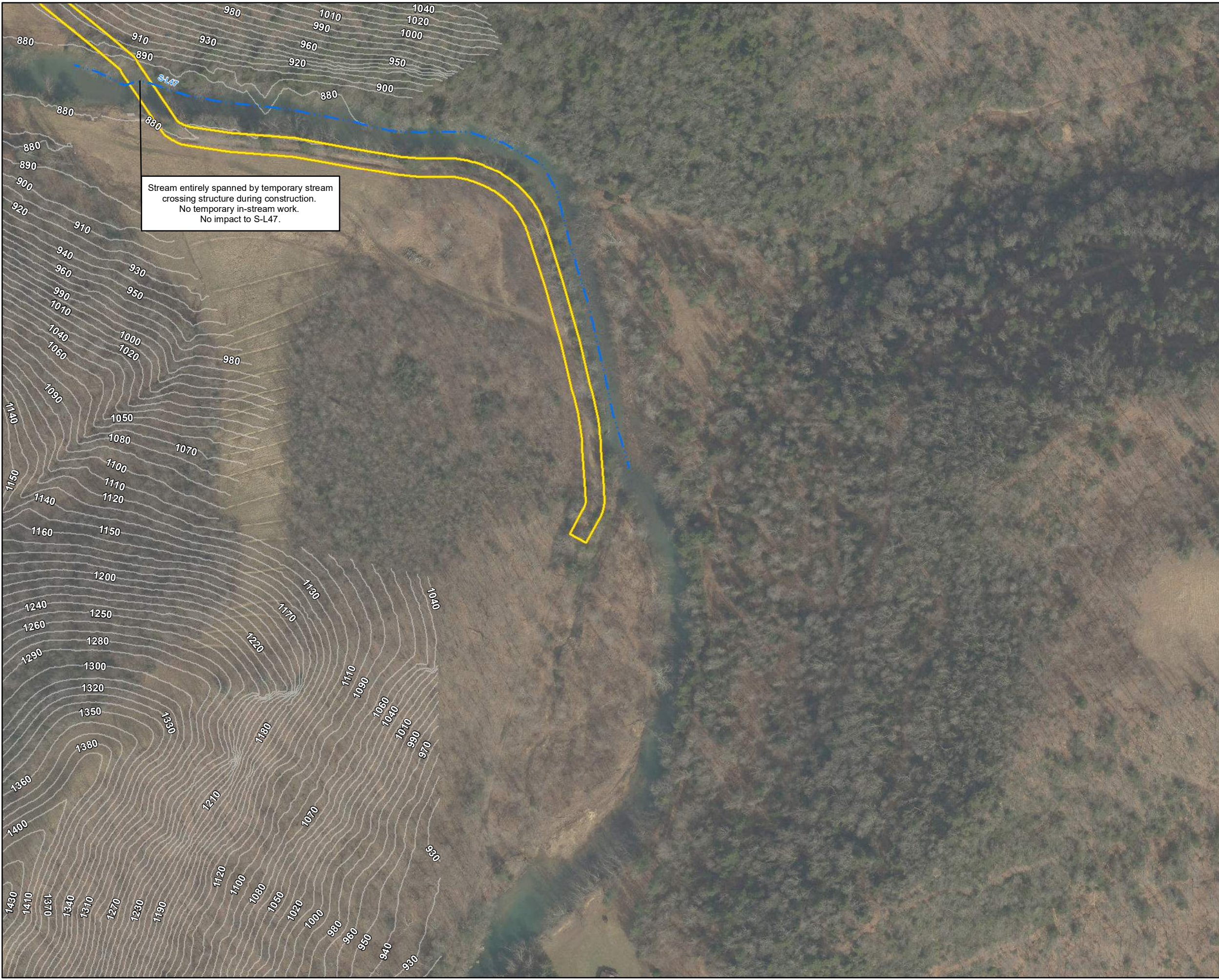
Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-183
Braxton County, West Virginia
November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



Stream entirely spanned by temporary stream crossing structure during construction.
No temporary in-stream work.
No impact to S-L47.

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

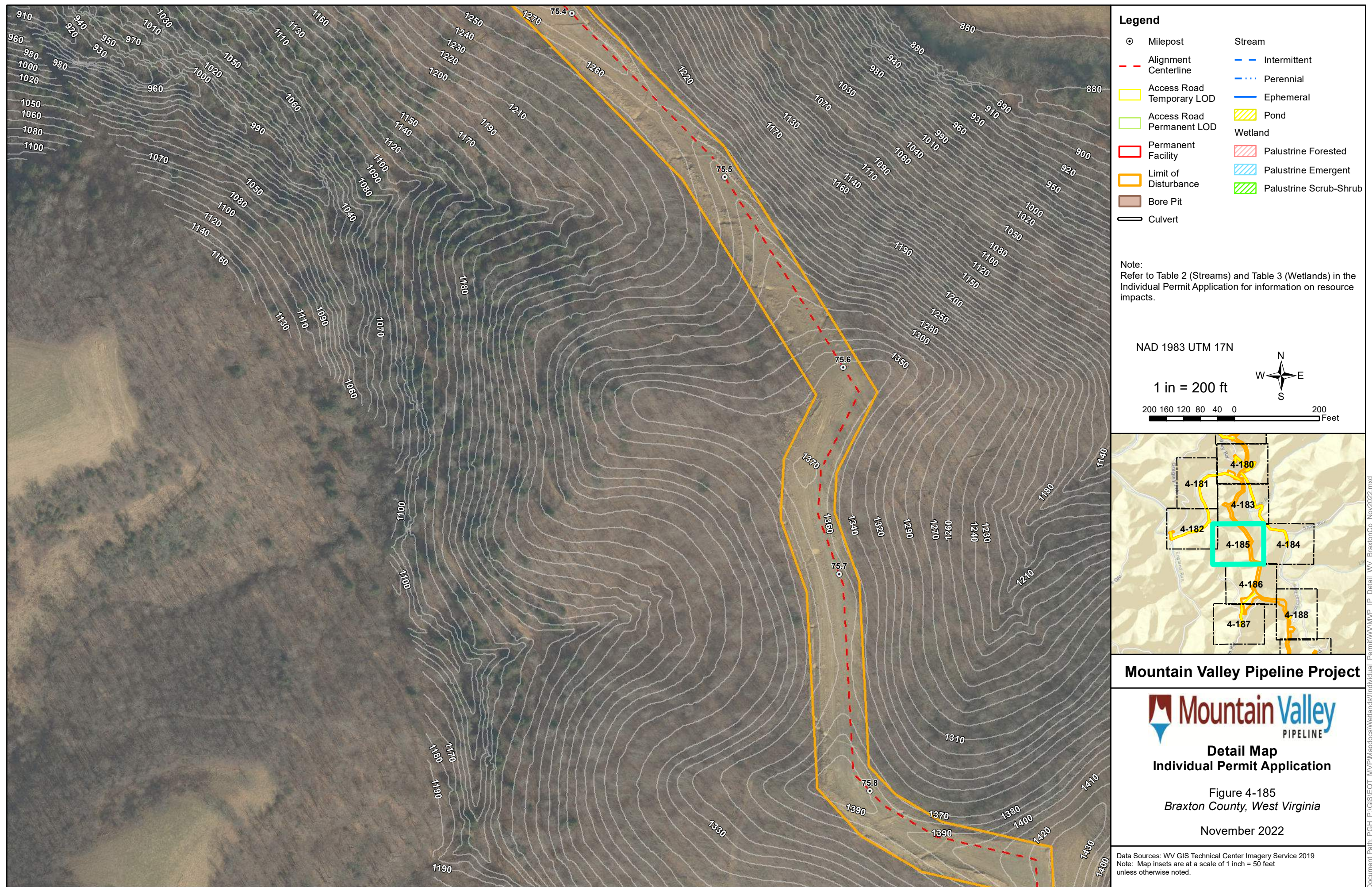
Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-184
Braxton County, West Virginia

November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





Legend

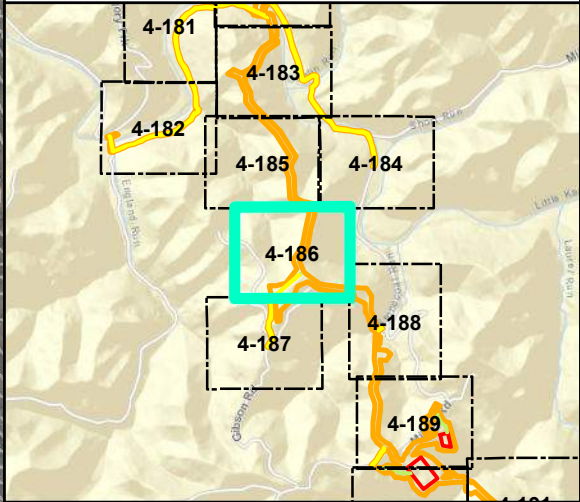
○ Milepost	Stream
--- Alignment Centerline	--- Intermittent
--- Access Road Temporary LOD	--- Perennial
--- Access Road Permanent LOD	--- Ephemeral
Permanent Facility	▨ Pond
Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
▬ Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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 4-186
Braxton County, West Virginia
November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
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

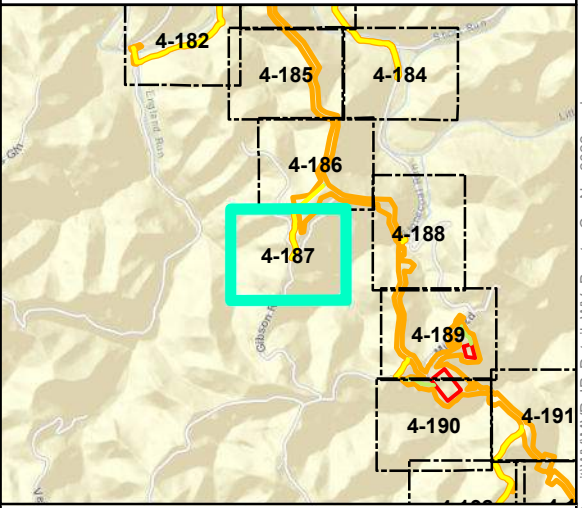
Feet

N

W

E

S



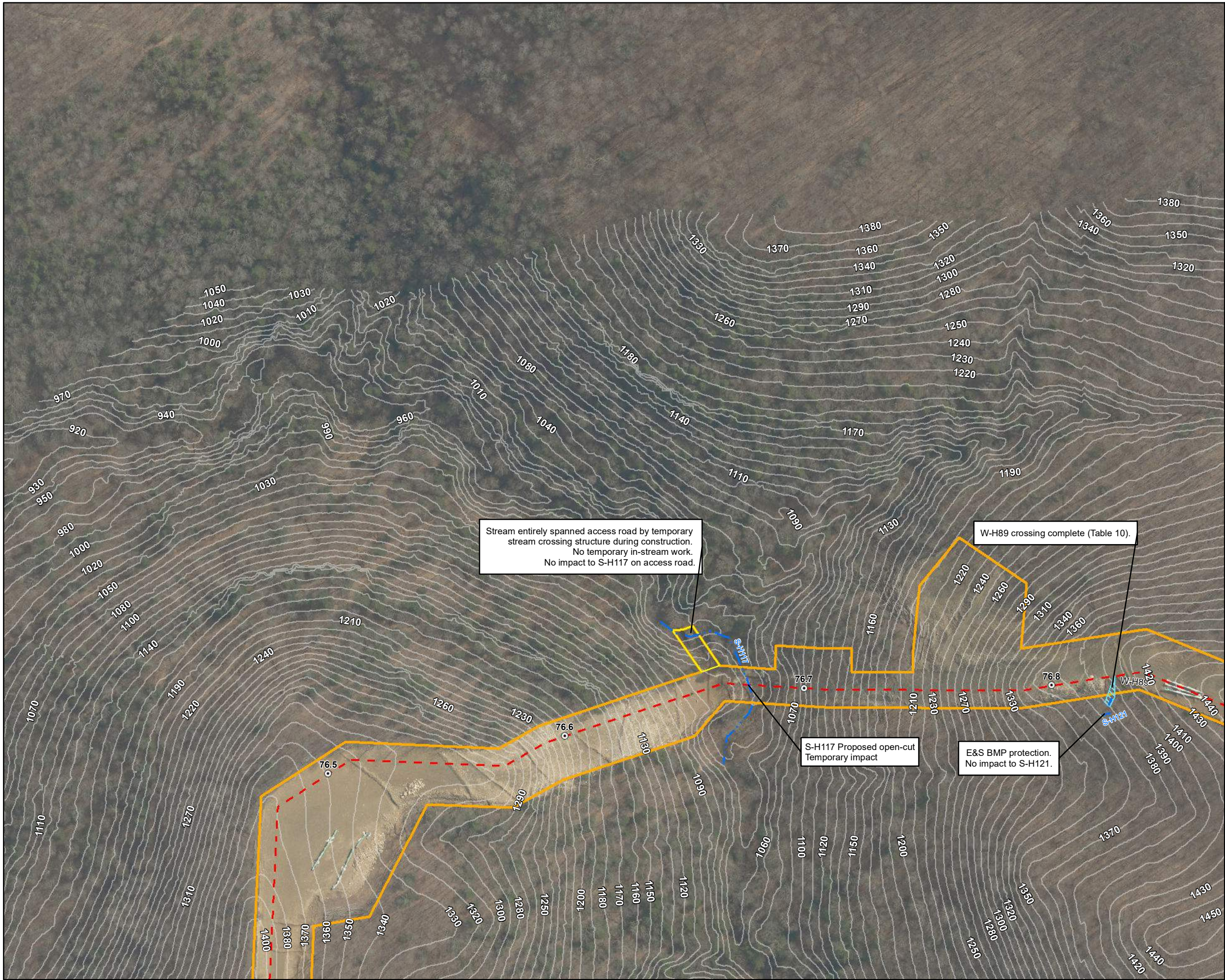
Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-187
Braxton County, West Virginia

November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



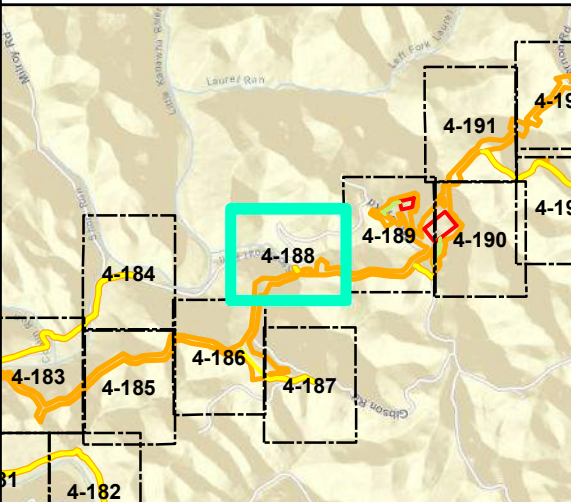
- Legend**
- | | |
|-----------------------------|--------------------------|
| ○ Milepost | Stream |
| — Alignment Centerline | — Intermittent |
| □ Access Road Temporary LOD | — Perennial |
| □ Access Road Permanent LOD | — Ephemeral |
| □ Permanent Facility | ▨ Pond |
| □ Limit of Disturbance | Wetland |
| ■ 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 4-188
Braxton County, West Virginia

November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



Legend

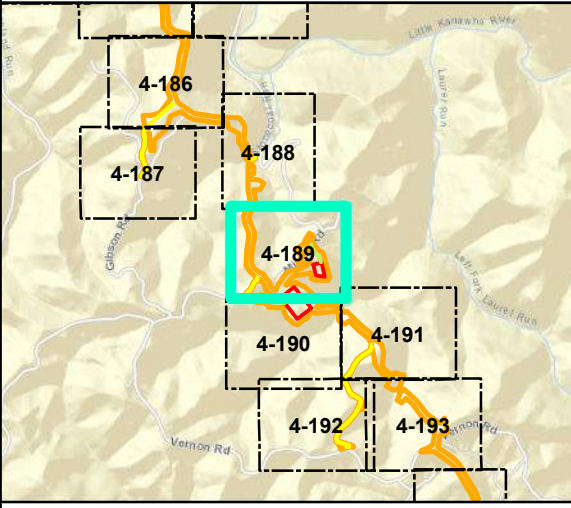
○ Milepost	Stream
--- Alignment Centerline	--- Intermittent
□ Access Road Temporary LOD	--- Perennial
□ Access Road Permanent LOD	--- Ephemeral
□ Permanent Facility	▨ Pond
□ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
== Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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**

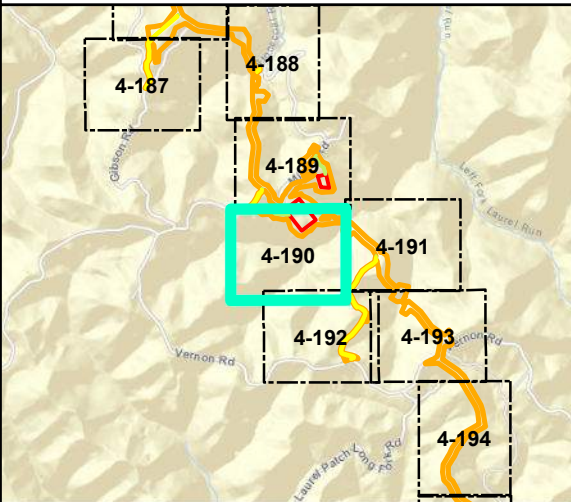
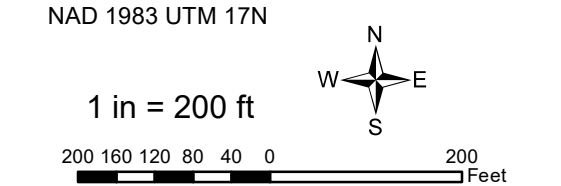
Figure 4-189
Braxton County, West Virginia
November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
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 4-190
Braxton County, West Virginia

November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





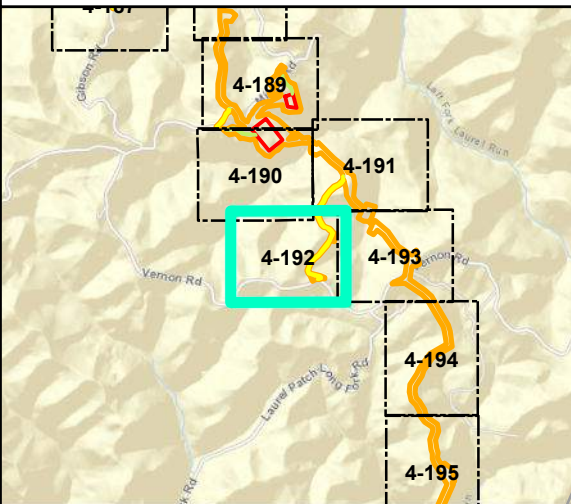
- Legend**
- | | |
|-----------------------------|--------------------------|
| ○ Milepost | Stream |
| — Alignment Centerline | — Intermittent |
| — Access Road Temporary LOD | — Perennial |
| — Access Road Permanent LOD | — Ephemeral |
| Permanent Facility | ▨ Pond |
| Limit of Disturbance | Wetland |
| ■ 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

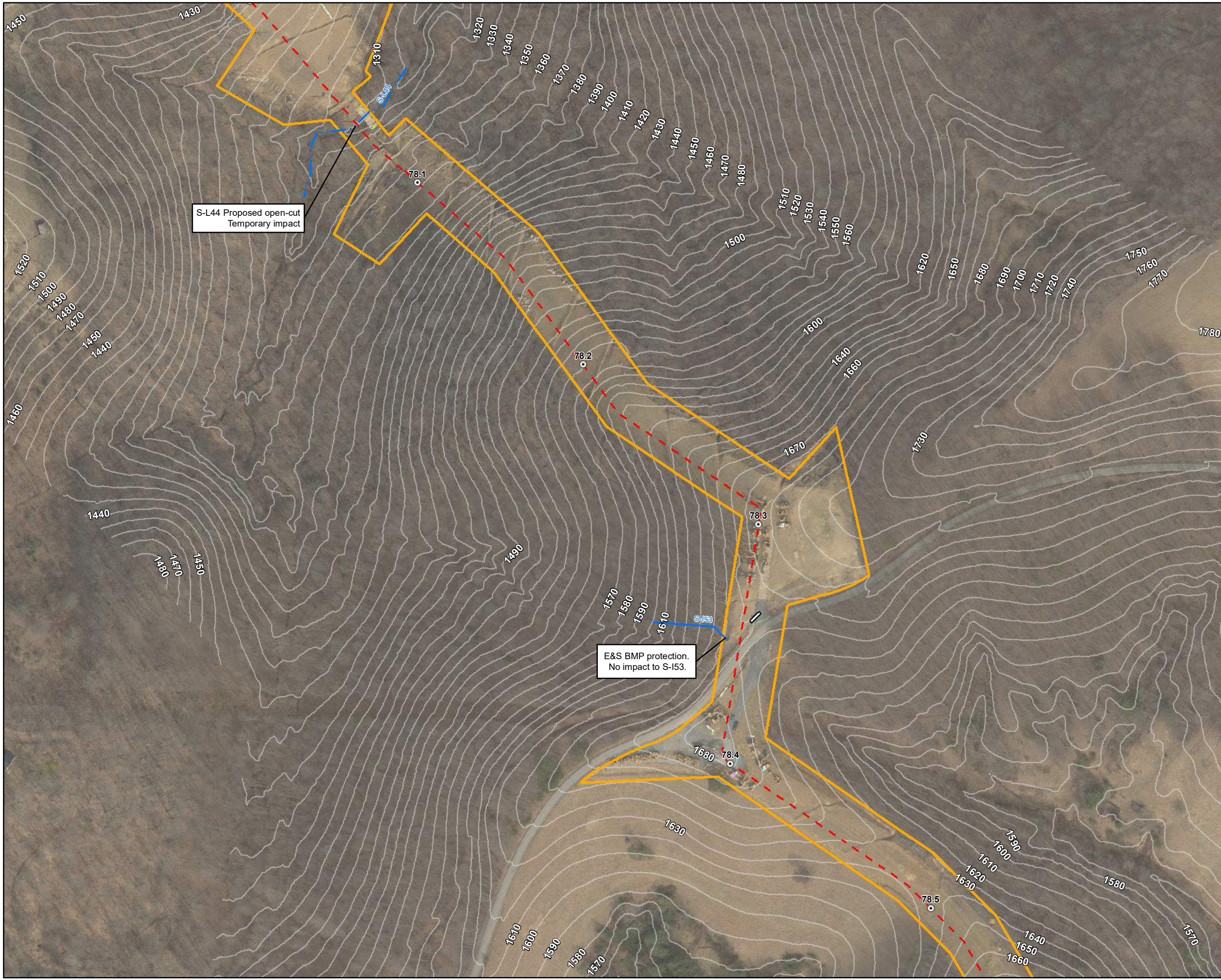


**Detail Map
Individual Permit Application**

Figure 4-192
Braxton County, West Virginia

November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



Legend

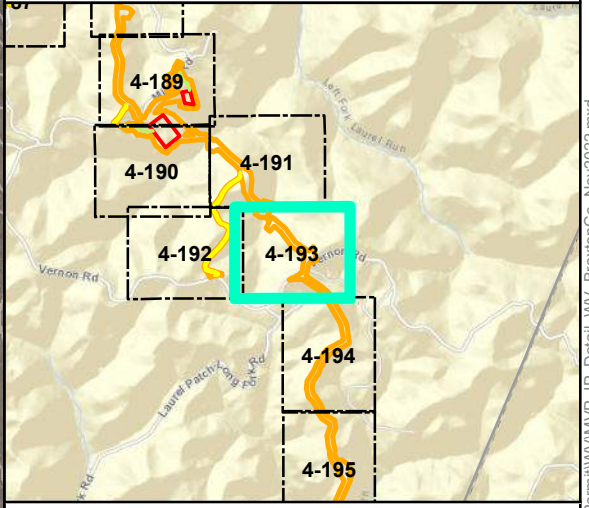
○ Milepost	Stream
- - - Alignment Centerline	- - - Intermittent
□ Access Road Temporary LOD	- · - · - Perennial
□ Access Road Permanent LOD	— Ephemeral
□ Permanent Facility	▨ Pond
□ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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



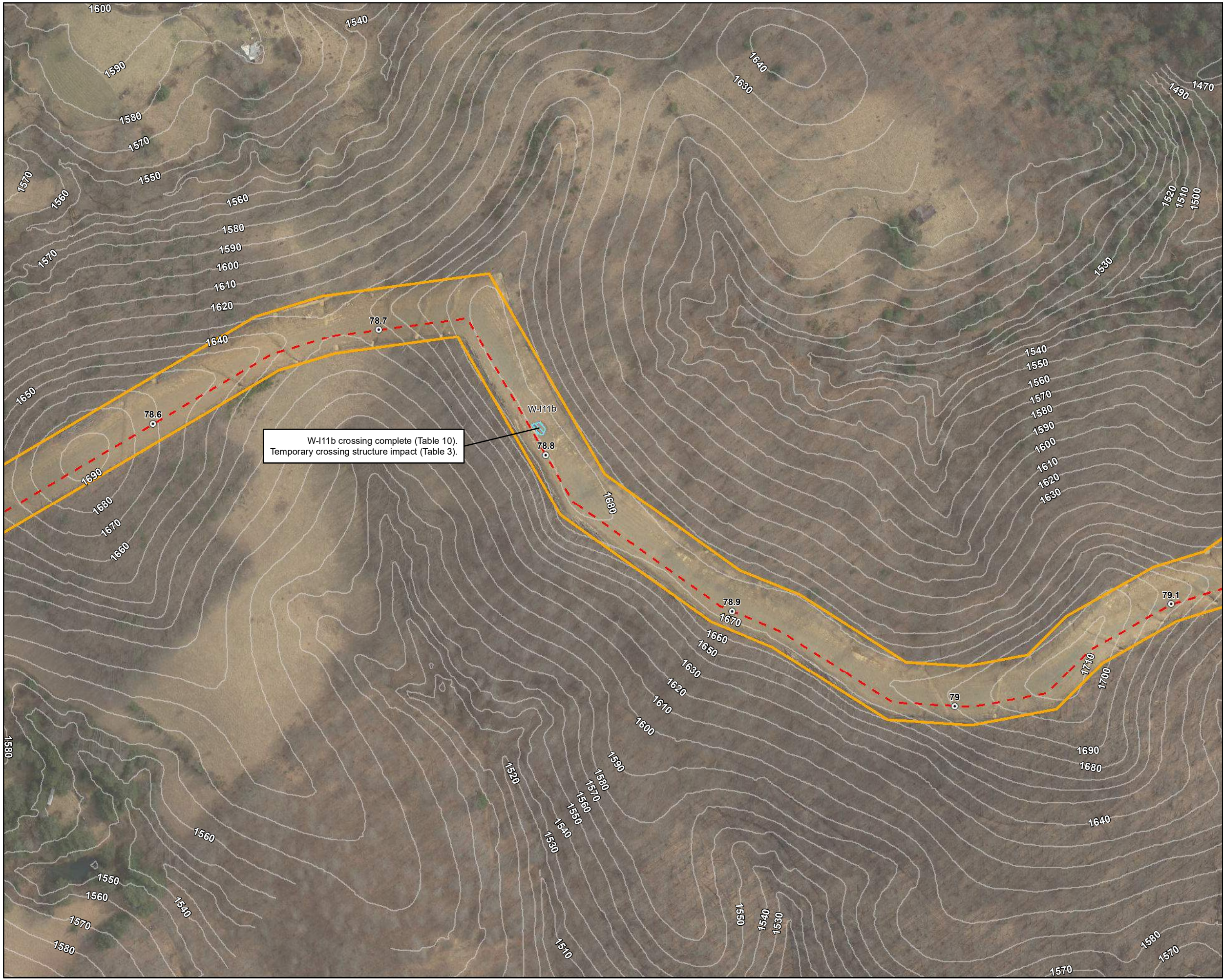
Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-193
Braxton County, West Virginia
November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
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

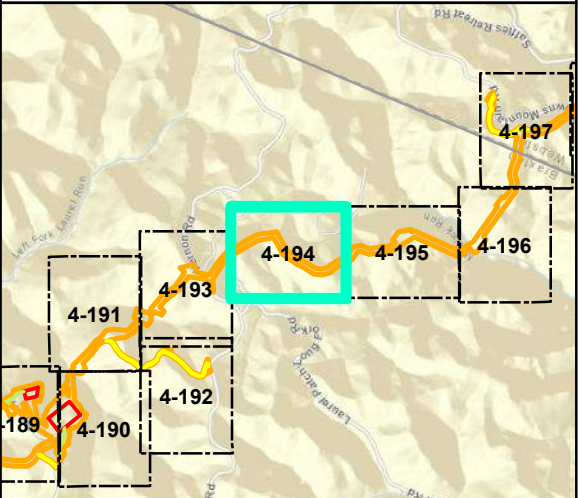
80

40

0

200

Feet



Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-194
Braxton County, West Virginia

November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



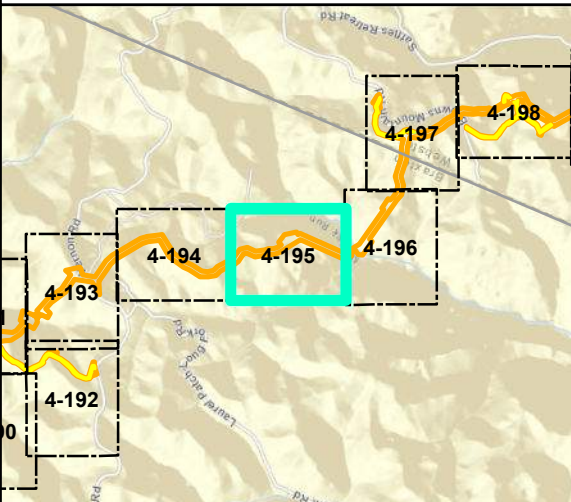
- Legend**
- | | |
|-----------------------------|--------------------------|
| ○ Milepost | Stream |
| - - - Alignment Centerline | - - - Intermittent |
| □ Access Road Temporary LOD | - · - · - Perennial |
| □ Access Road Permanent LOD | — Ephemeral |
| □ Permanent Facility | ▨ Pond |
| □ Limit of 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

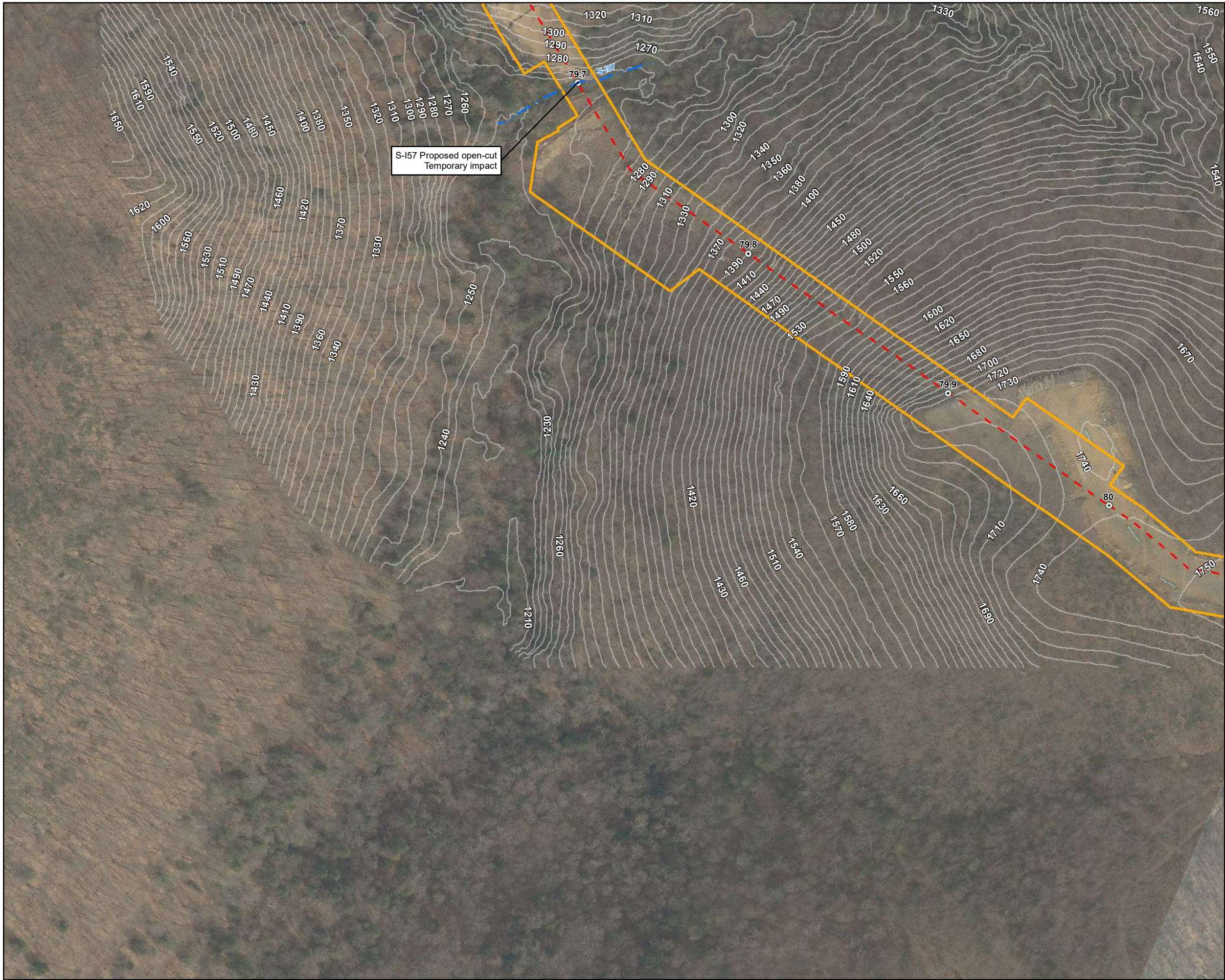


Detail Map Individual Permit Application

Figure 4-195
Braxton County, West Virginia

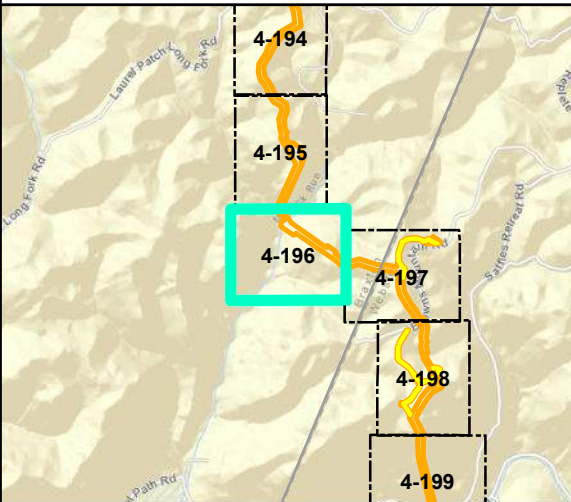
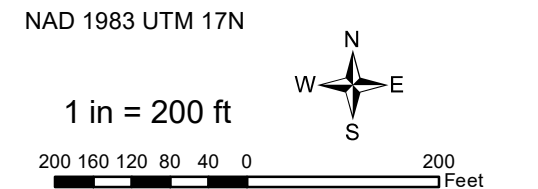
November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
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 4-196
Braxton County, West Virginia

November 2022

Data Sources: WV GIS Technical Center Imagery Service 2019
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.