



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 4-30
Harrison/Wetzel County, West Virginia
October 2022

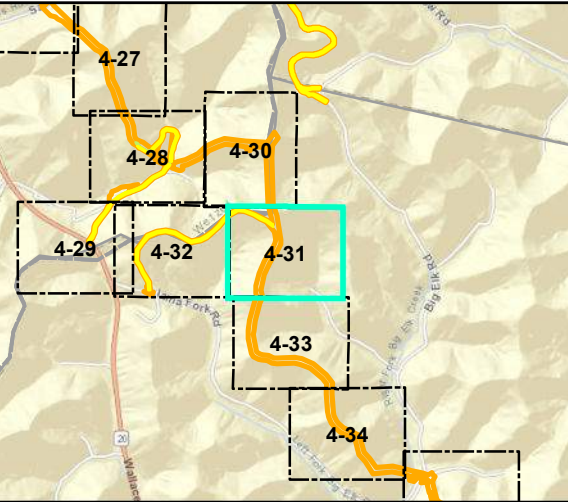
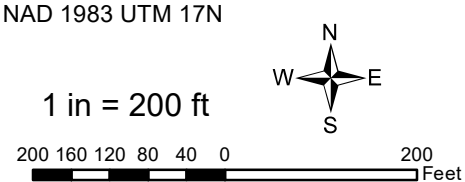
Data Sources: WV GIS Technical Center Imagery Service 2019 and 2020
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



Legend

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

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



Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-31
Harrison/Wetzel County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2019 and 2020
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



Legend

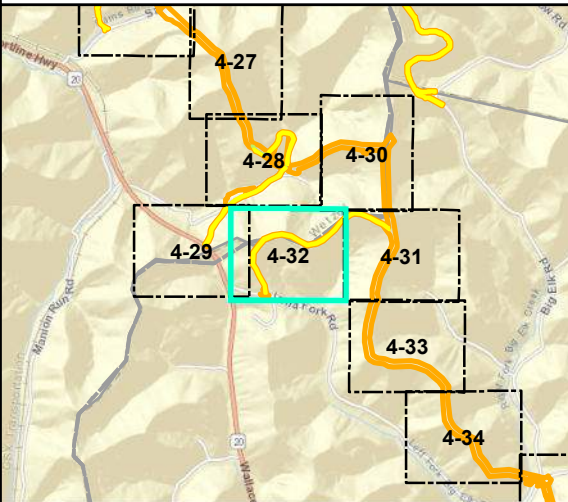
- | | |
|-----------------------------|--------------------------|
| ○ Milepost | Stream |
| - - - Alignment Centerline | - - - Intermittent |
| □ Access Road Temporary LOD | - · - · - Perennial |
| □ Access Road Permanent LOD | — Ephemeral |
| □ Permanent Facility | ▨ Pond |
| □ Limit of Disturbance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

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-32
Harrison/Wetzel County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2019 and 2020
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



Legend

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

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-33
Harrison County, West Virginia

October 2022

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



Legend

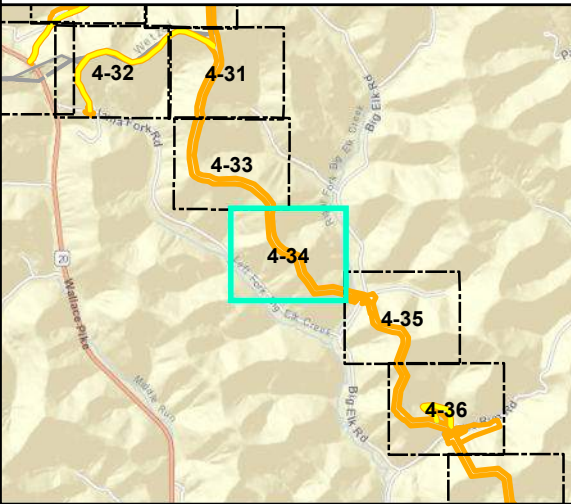
○ Milepost	Stream
--- Alignment Centerline	--- Intermittent
□ Access Road Temporary LOD	--- Perennial
□ Access Road Permanent LOD	--- Ephemeral
□ Permanent Facility	▨ Pond
▨ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



Mountain Valley Pipeline Project



Detail Map Individual Permit Application

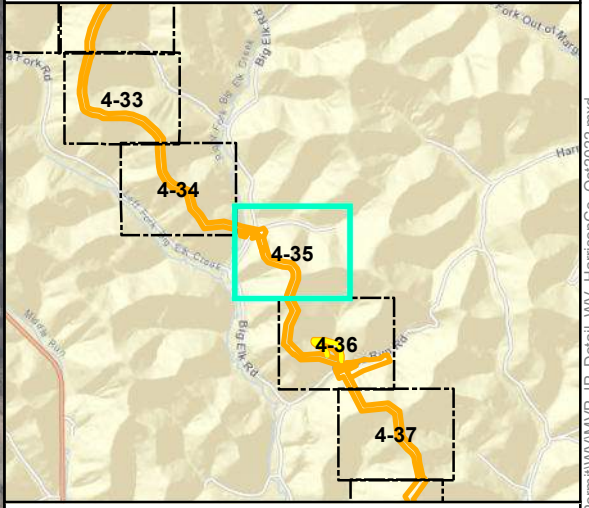
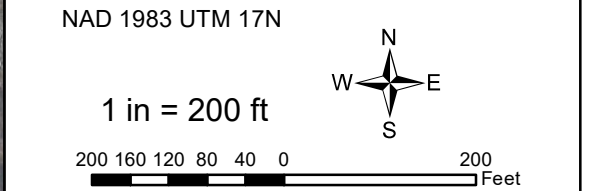
Figure 4-34
Harrison County, West Virginia
October 2022

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



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

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



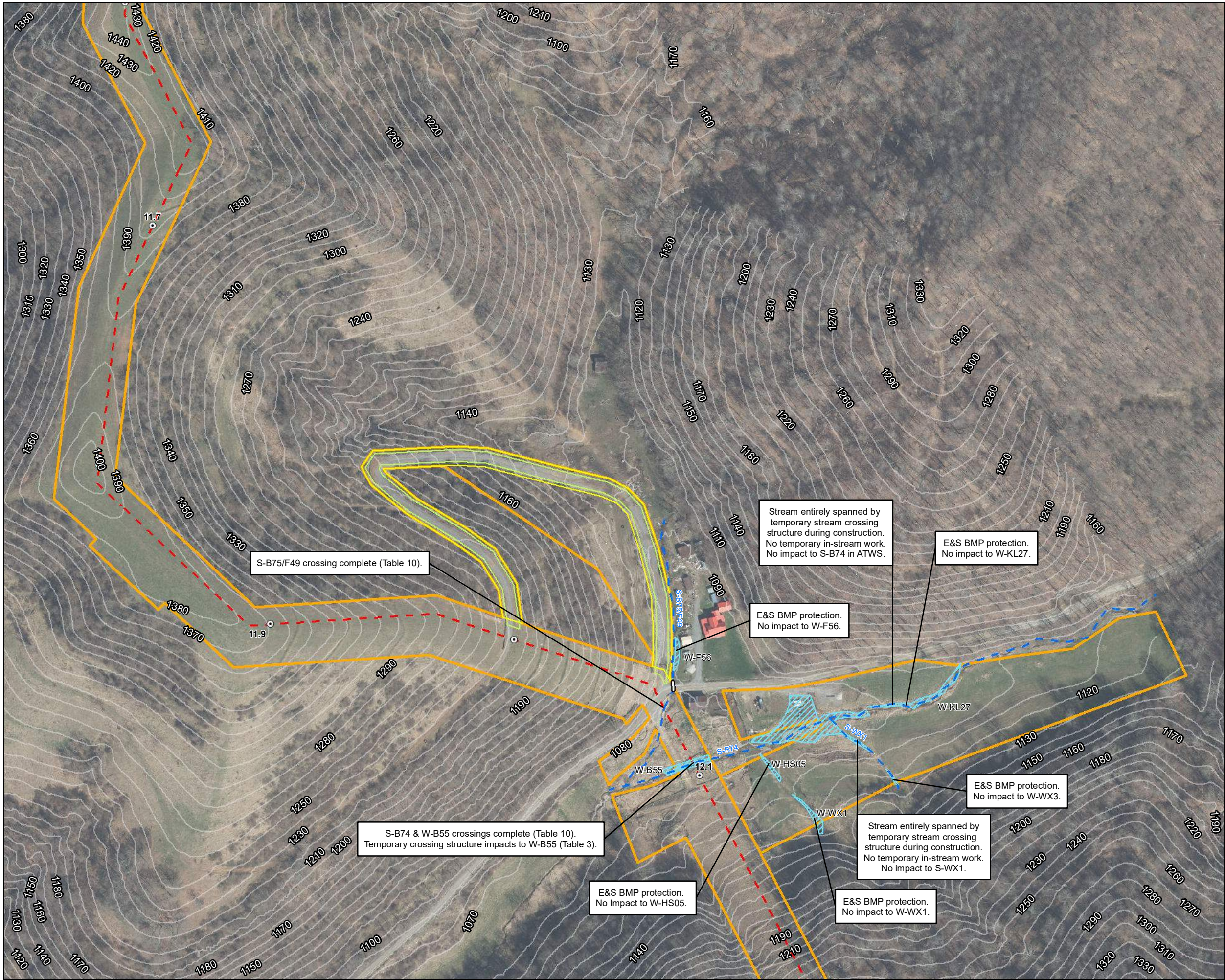
Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-35
Harrison County, West Virginia
October 2022

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



Legend

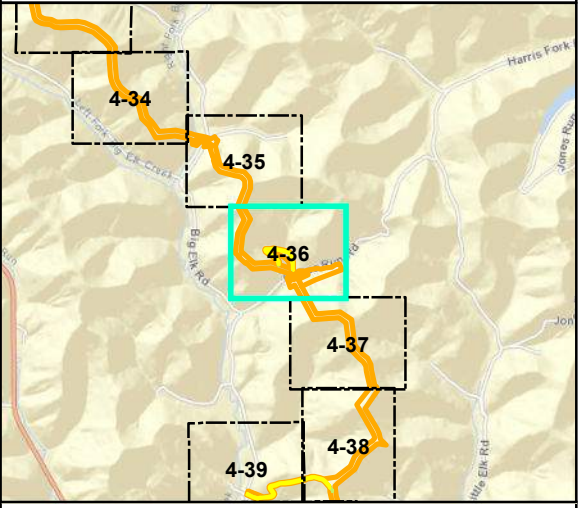
○ Milepost	Stream
--- Alignment Centerline	--- Intermittent
□ Access Road Temporary LOD	--- Perennial
□ Access Road Permanent LOD	--- Ephemeral
□ Permanent Facility	▨ Pond
□ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



Mountain Valley Pipeline Project



Detail Map Individual Permit Application

Figure 4-36
Harrison County, West Virginia
October 2022

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



Legend

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

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-37
Harrison County, West Virginia

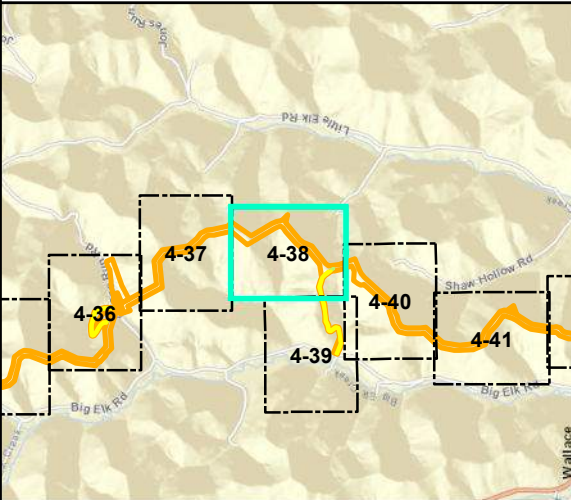
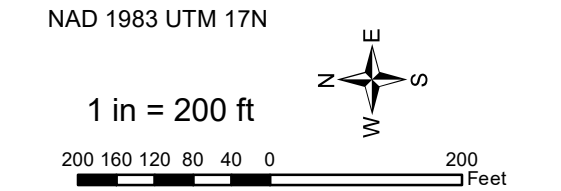
October 2022

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



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

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



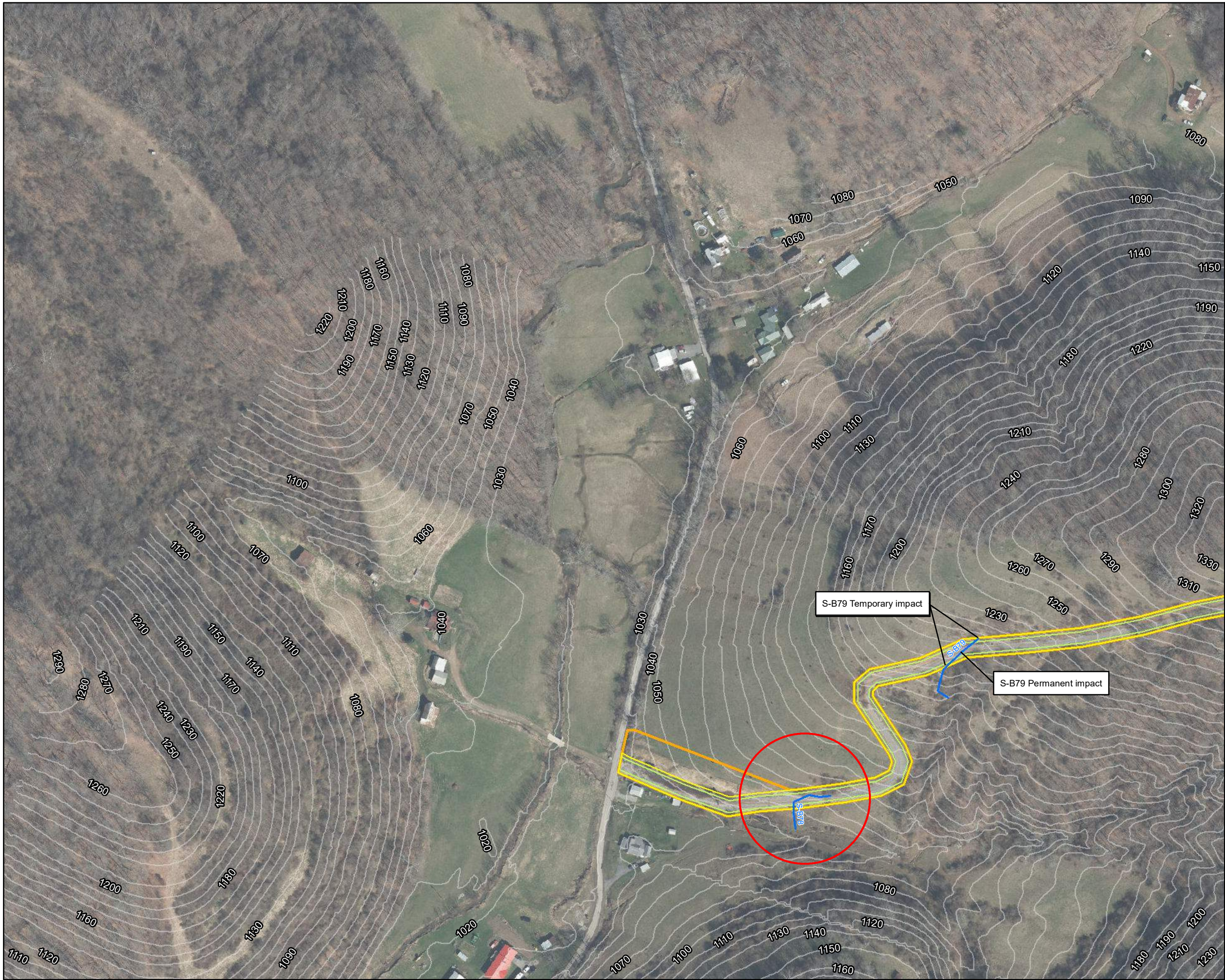
Mountain Valley Pipeline Project



Detail Map Individual Permit Application

Figure 4-38
Harrison County, West Virginia
October 2022

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



Legend

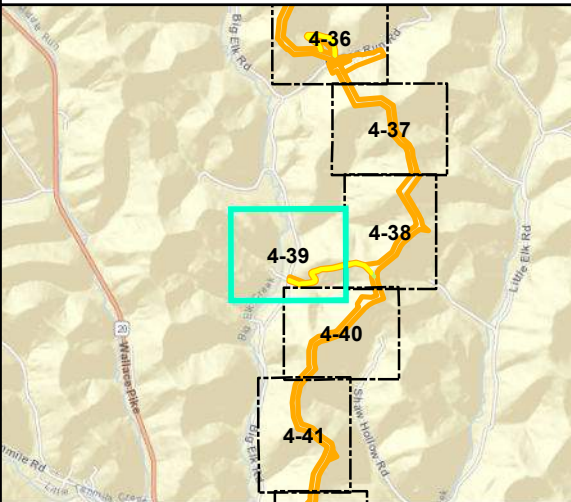
- | | |
|-----------------------------|--------------------------|
| ○ Milepost | Stream |
| — Alignment Centerline | — Intermittent |
| — Access Road Temporary LOD | — Perennial |
| — Access Road Permanent LOD | — Ephemeral |
| Permanent Facility | ▨ Pond |
| Limit of Disturbance | Wetland |
| ▨ Bore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

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-39
Harrison County, West Virginia

October 2022

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



Legend

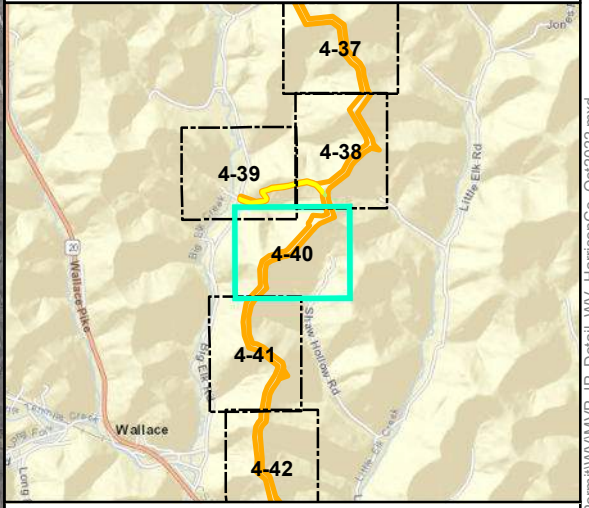
○ Milepost	Stream
- - - Alignment Centerline	- - - Intermittent
□ Access Road Temporary LOD	- · - · Perennial
□ Access Road Permanent LOD	— Ephemeral
□ Permanent Facility	▨ Pond
▭ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-40
Harrison County, West Virginia

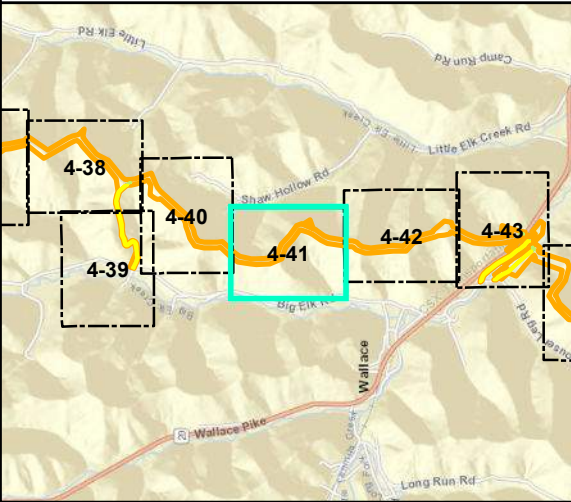
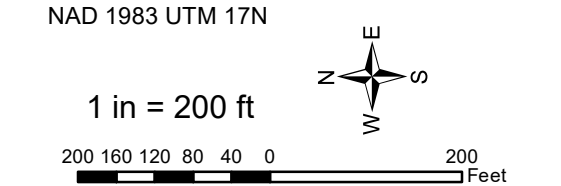
October 2022

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



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

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



Mountain Valley Pipeline Project



Detail Map Individual Permit Application

Figure 4-41
Harrison County, West Virginia

October 2022

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



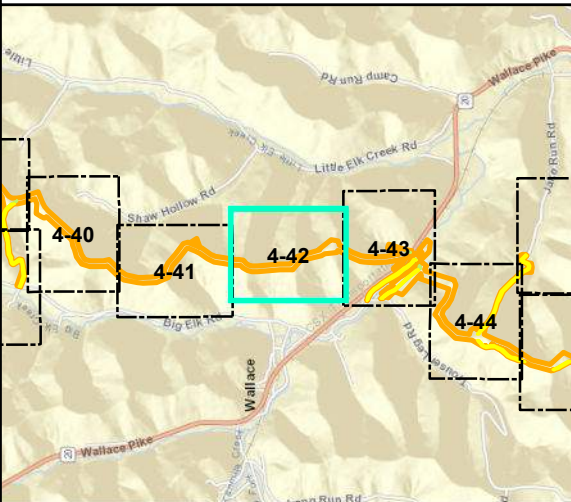
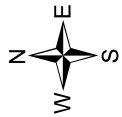
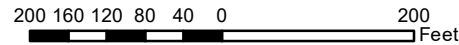
Legend

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

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

NAD 1983 UTM 17N

1 in = 200 ft



Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-42
Harrison County, West Virginia

October 2022

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



Legend

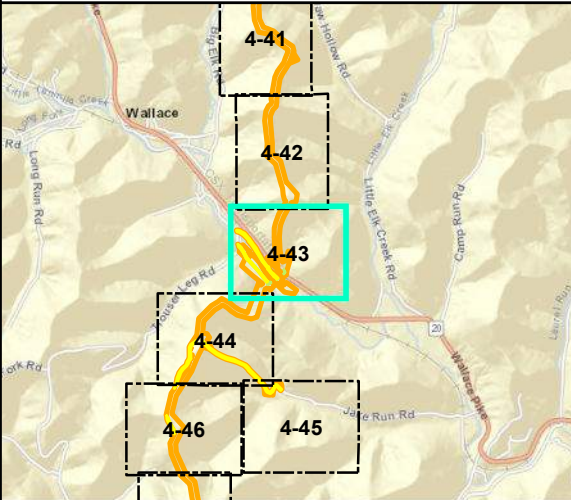
○ Milepost	Stream
--- Alignment Centerline	--- Intermittent
--- Access Road Temporary LOD	--- Perennial
--- Access Road Permanent LOD	--- Ephemeral
Permanent Facility	▨ Pond
Limit of Disturbance	Wetland
Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-43
Harrison County, West Virginia

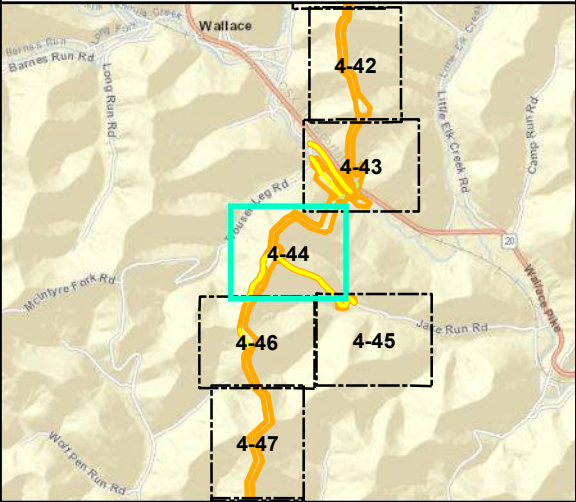
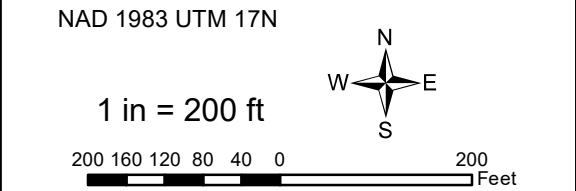
October 2022

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



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

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



Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-44
Harrison County, West Virginia
October 2022

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



Legend

Milepost

Alignment Centerline

Access Road Temporary LOD

Access Road Permanent LOD

Permanent Facility

Limit of Disturbance

Bore Pit

Culvert

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

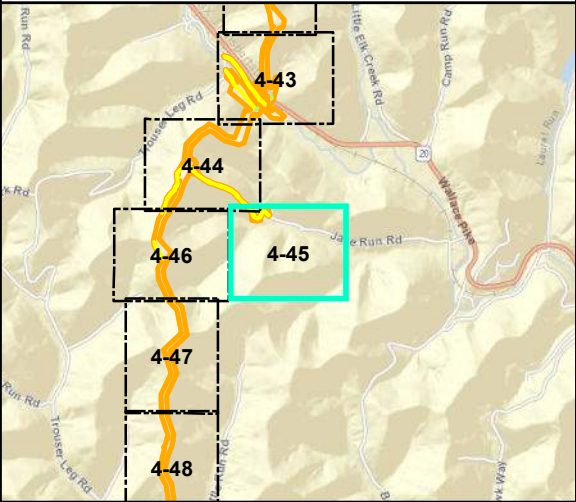
200 Feet

W

N

E

S



Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-45

Harrison County, West Virginia

October 2022

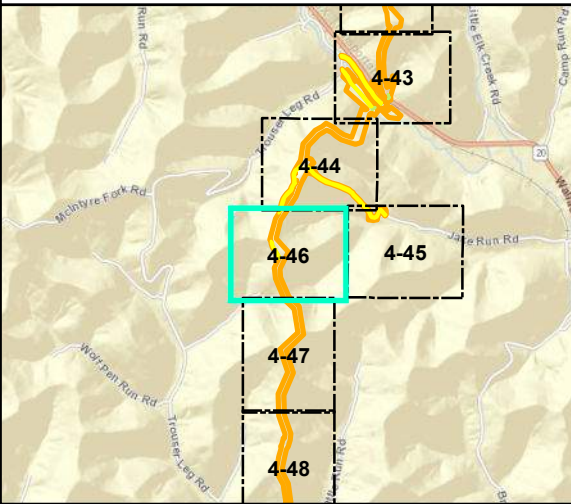
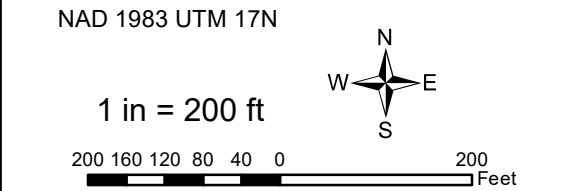
Data Sources: WV GIS Technical Center Imagery Service 2020

Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



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

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



Mountain Valley Pipeline Project

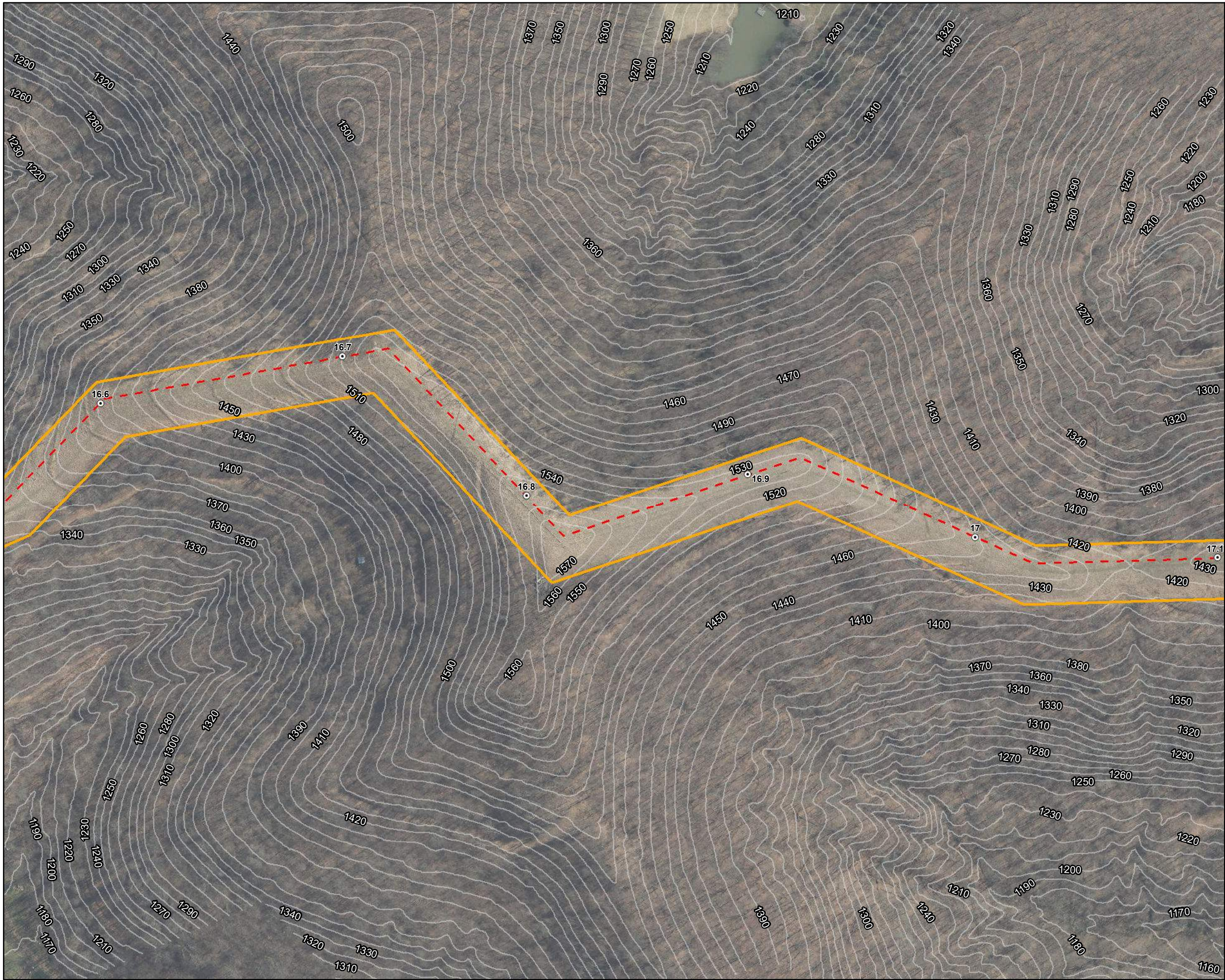


Detail Map Individual Permit Application

Figure 4-46
Harrison County, West Virginia

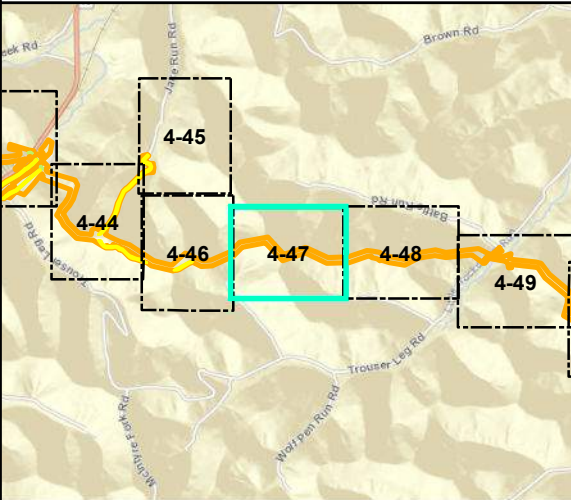
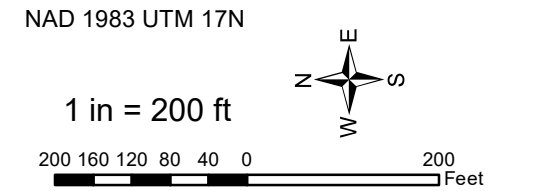
October 2022

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



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

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



Mountain Valley Pipeline Project



Detail Map Individual Permit Application

Figure 4-47
Harrison County, West Virginia

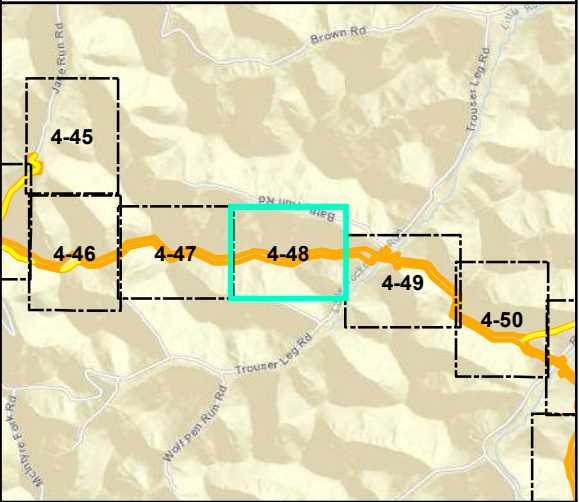
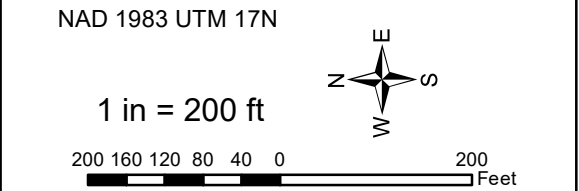
October 2022

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



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

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



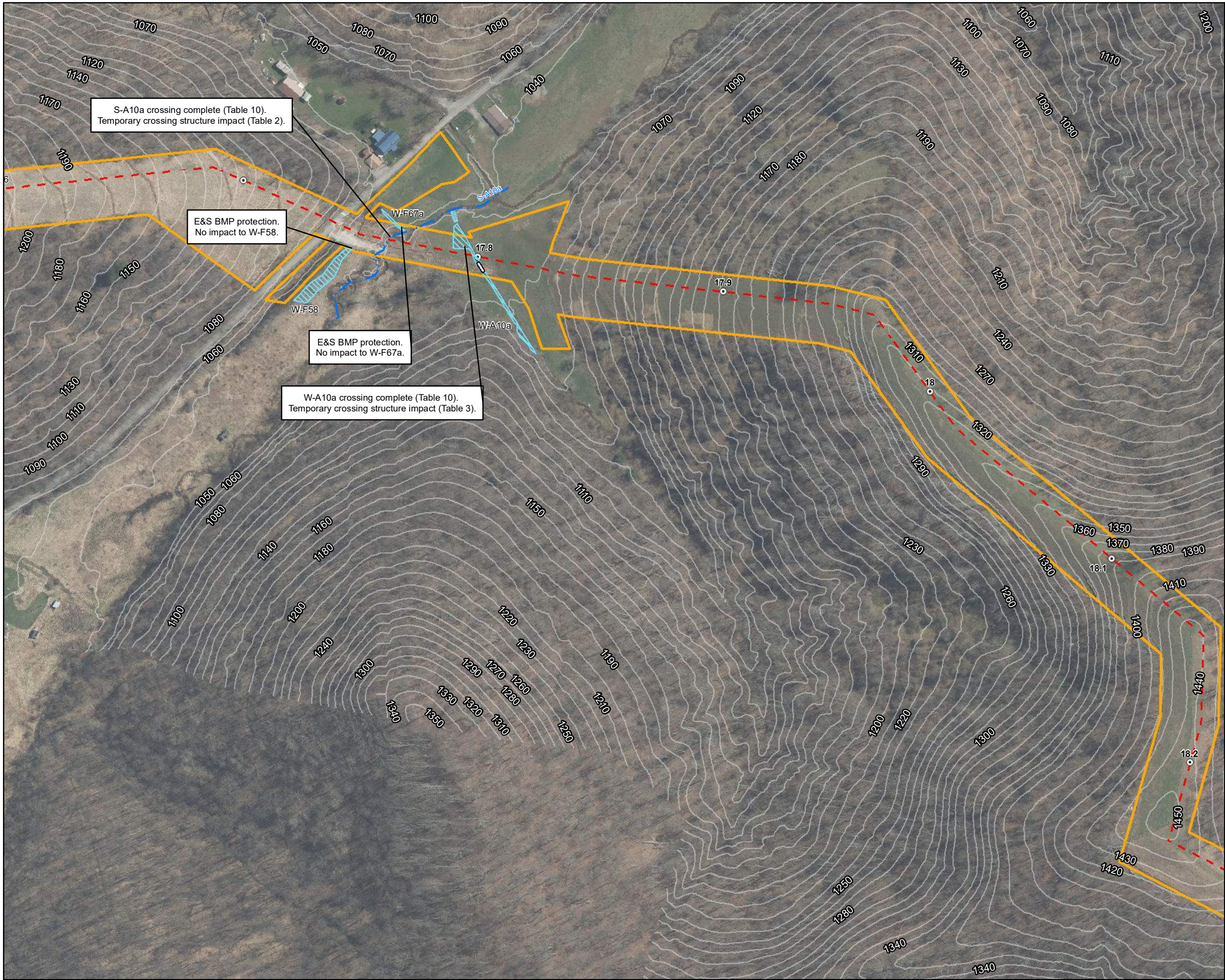
Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-48
Harrison County, West Virginia
October 2022

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



Legend

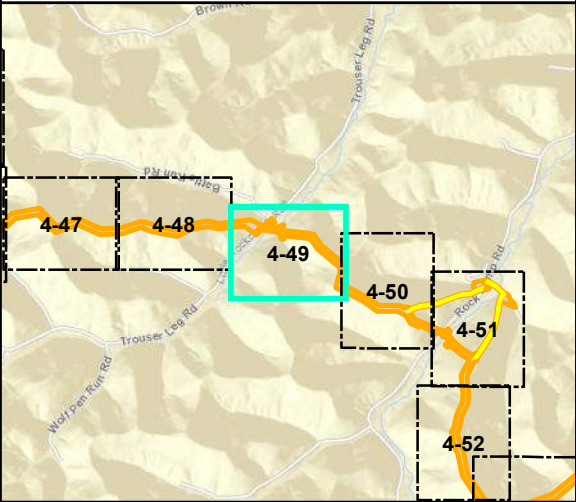
○ Milepost	Stream
--- Alignment Centerline	--- Intermittent
□ Access Road Temporary LOD	--- Perennial
□ Access Road Permanent LOD	--- Ephemeral
□ Permanent Facility	▨ Pond
□ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-49
Harrison County, West Virginia

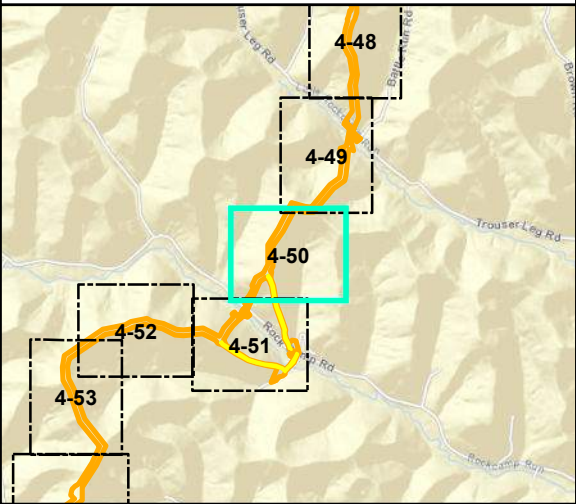
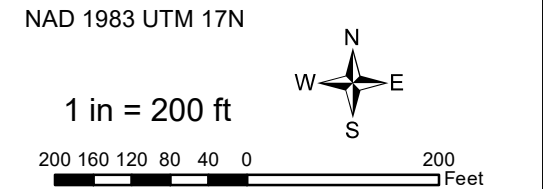
October 2022

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



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

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



Mountain Valley Pipeline Project



Detail Map Individual Permit Application

Figure 4-50
Harrison County, West Virginia

October 2022

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



Legend

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

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

Mountain Valley Pipeline Project

Mountain Valley PIPELINE

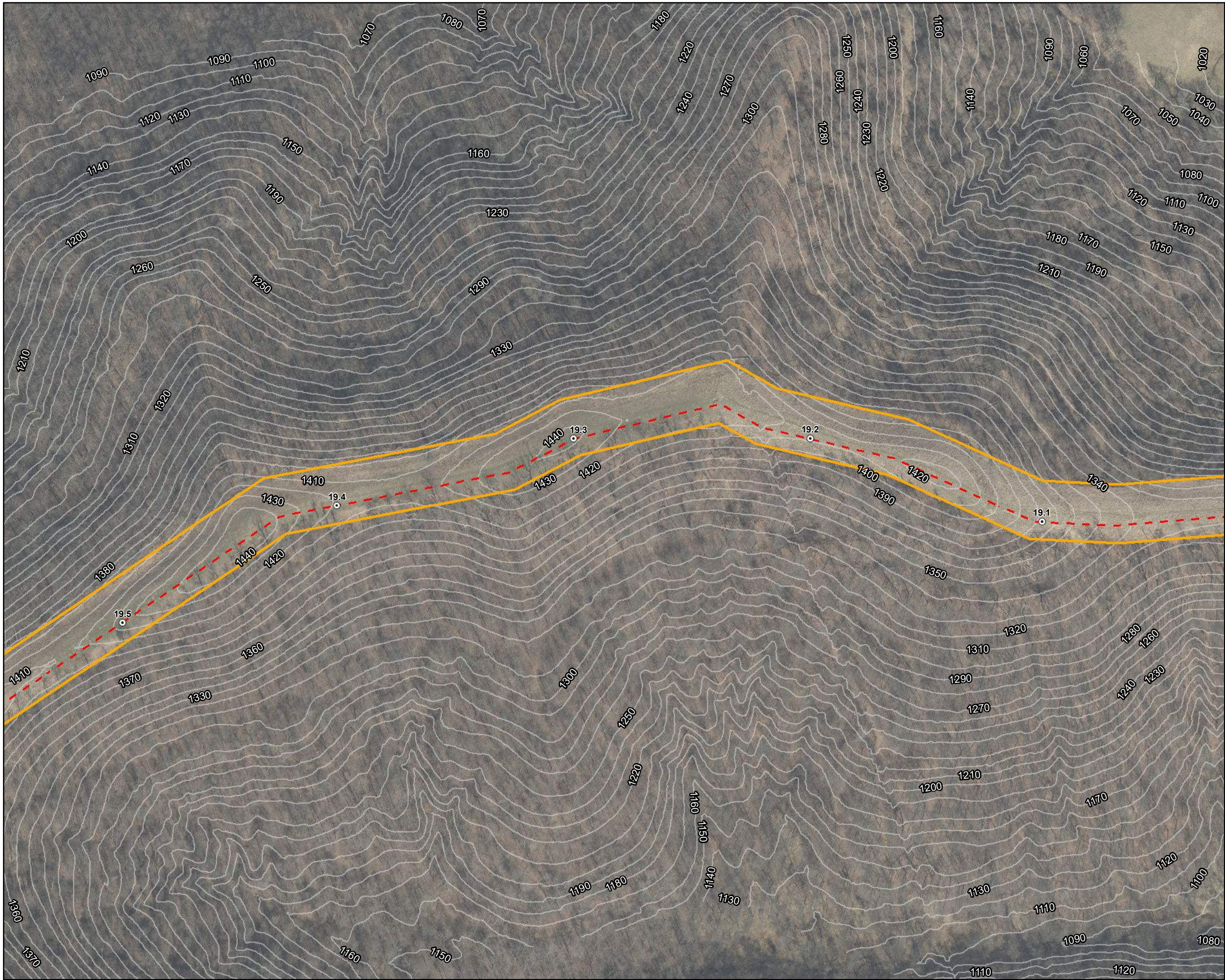
Detail Map
Individual Permit Application

Figure 4-51
Harrison County, West Virginia

October 2022

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

Document Path: P:\GIS\REQ\MVP\Mapdocs\Wetlands\Individual_Permit\MVP\IP_Detail_WV_HarrisonCo_Oct2022.mxd



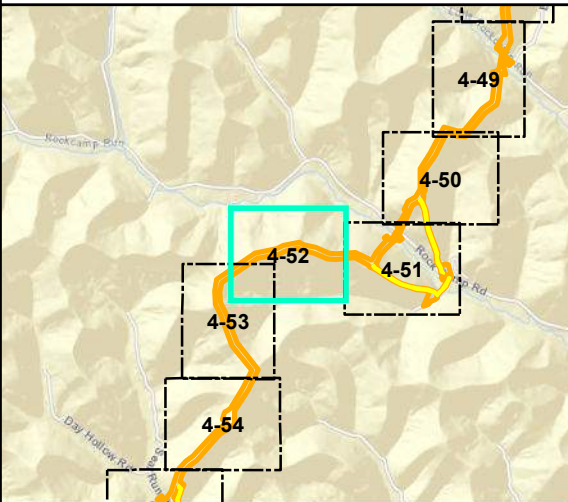
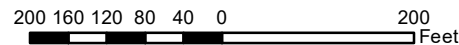
Legend

- | | |
|-------------------------------|--------------------------|
| ○ 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



Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-52
Harrison County, West Virginia

October 2022

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



Legend

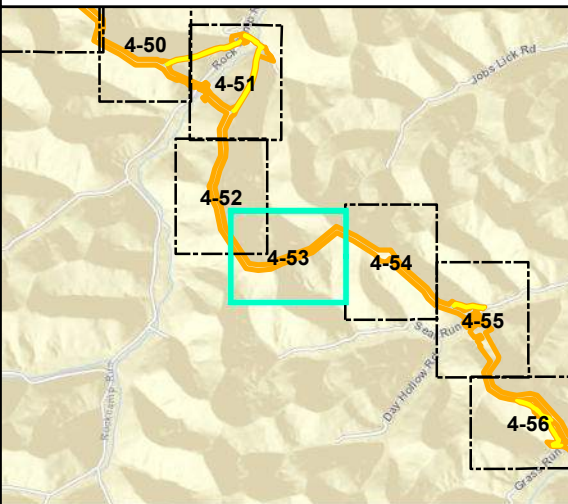
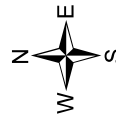
- | | |
|-------------------------------|--------------------------|
| ○ Milepost | Stream |
| --- Alignment Centerline | --- Intermittent |
| --- Access Road Temporary LOD | --- Perennial |
| --- Access Road Permanent LOD | --- Ephemeral |
| Permanent Facility | ▨ Pond |
| Limit of Disturbance | Wetland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

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



Mountain Valley Pipeline Project



Detail Map Individual Permit Application

Figure 4-53
Harrison County, West Virginia

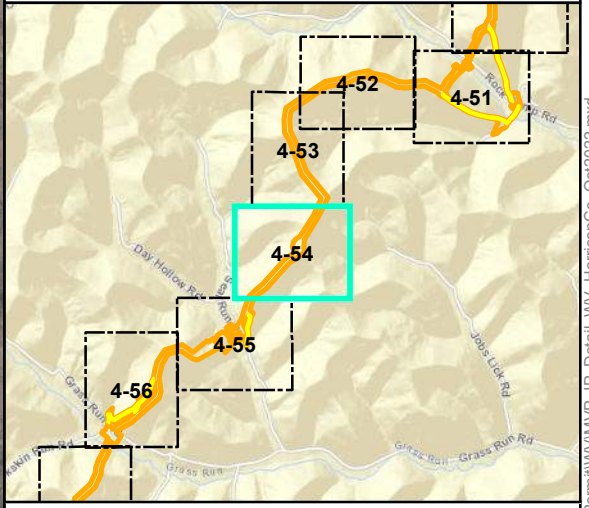
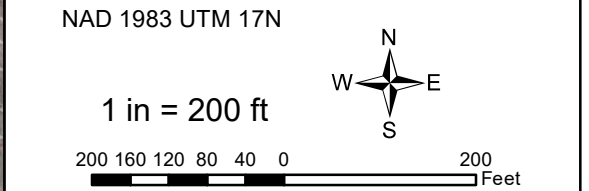
October 2022

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



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

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



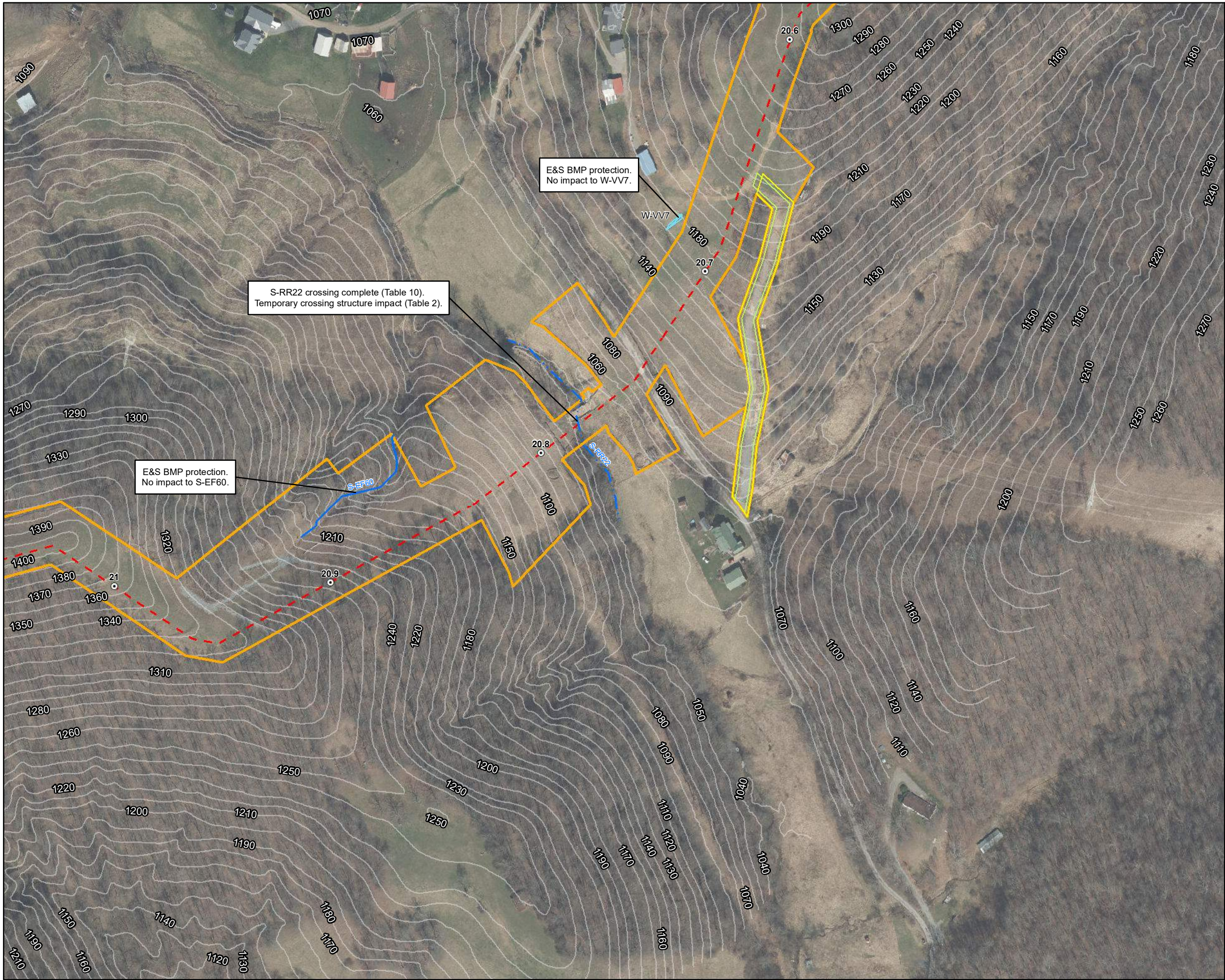
Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

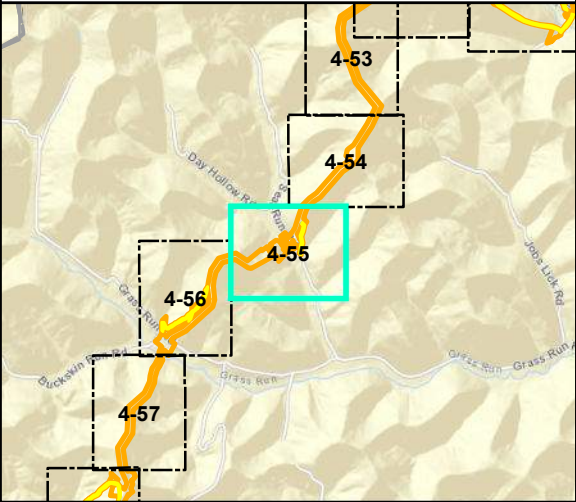
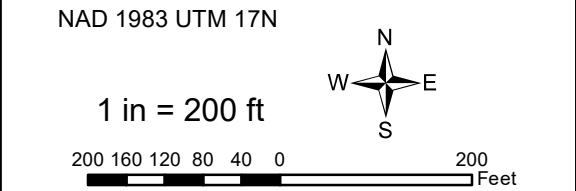
Figure 4-54
Harrison County, West Virginia
October 2022

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



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

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



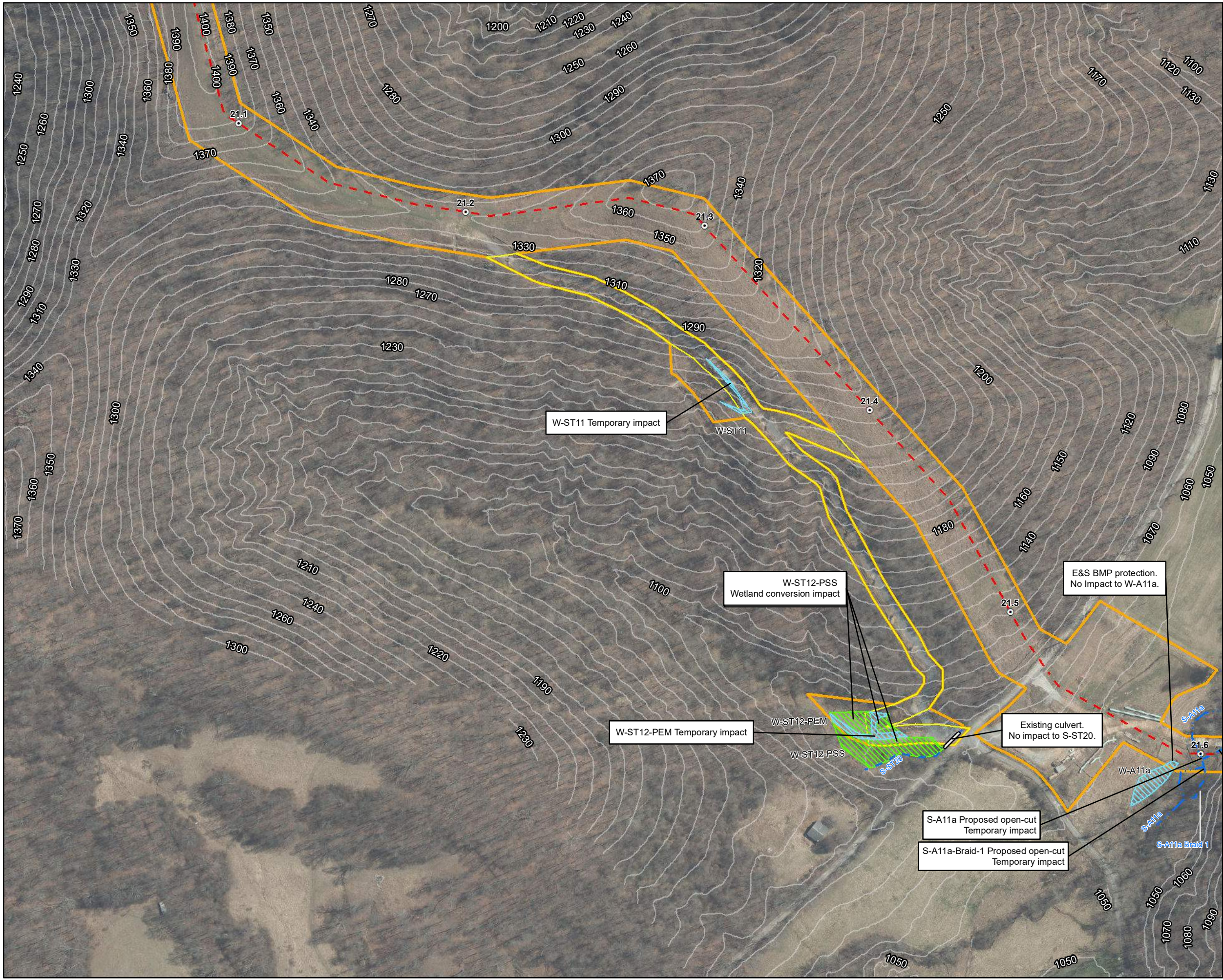
Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-55
Harrison County, West Virginia
October 2022

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



Legend

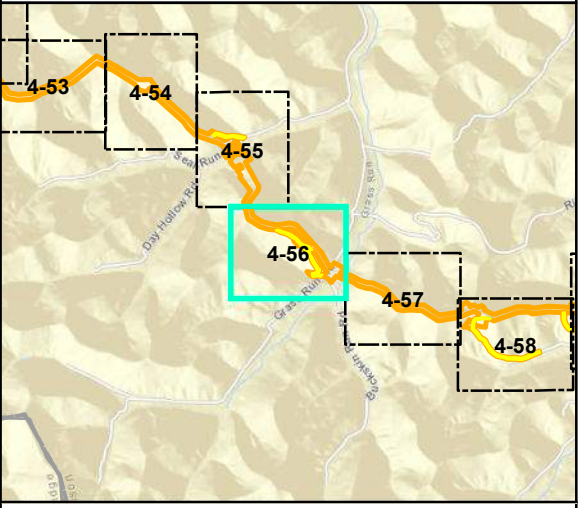
○ Milepost	Stream
--- Alignment Centerline	--- Intermittent
□ Access Road Temporary LOD	--- Perennial
□ Access Road Permanent LOD	--- Ephemeral
□ Permanent Facility	▨ Pond
□ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

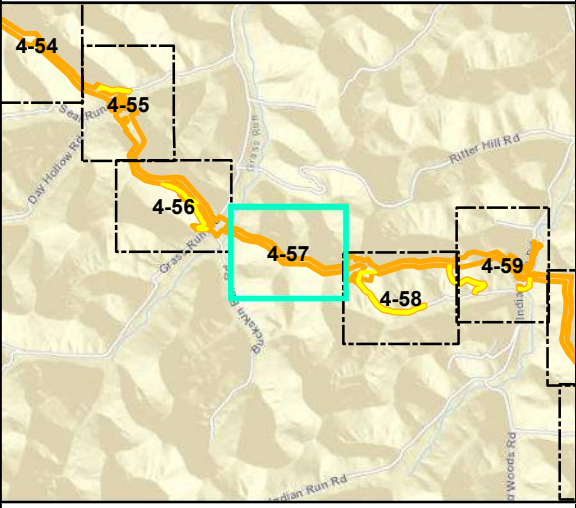
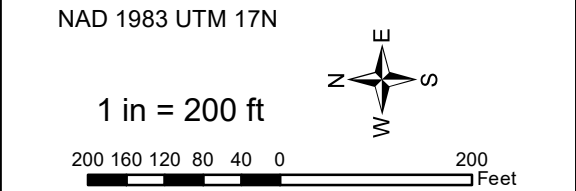
Figure 4-56
Harrison County, West Virginia
October 2022

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



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

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



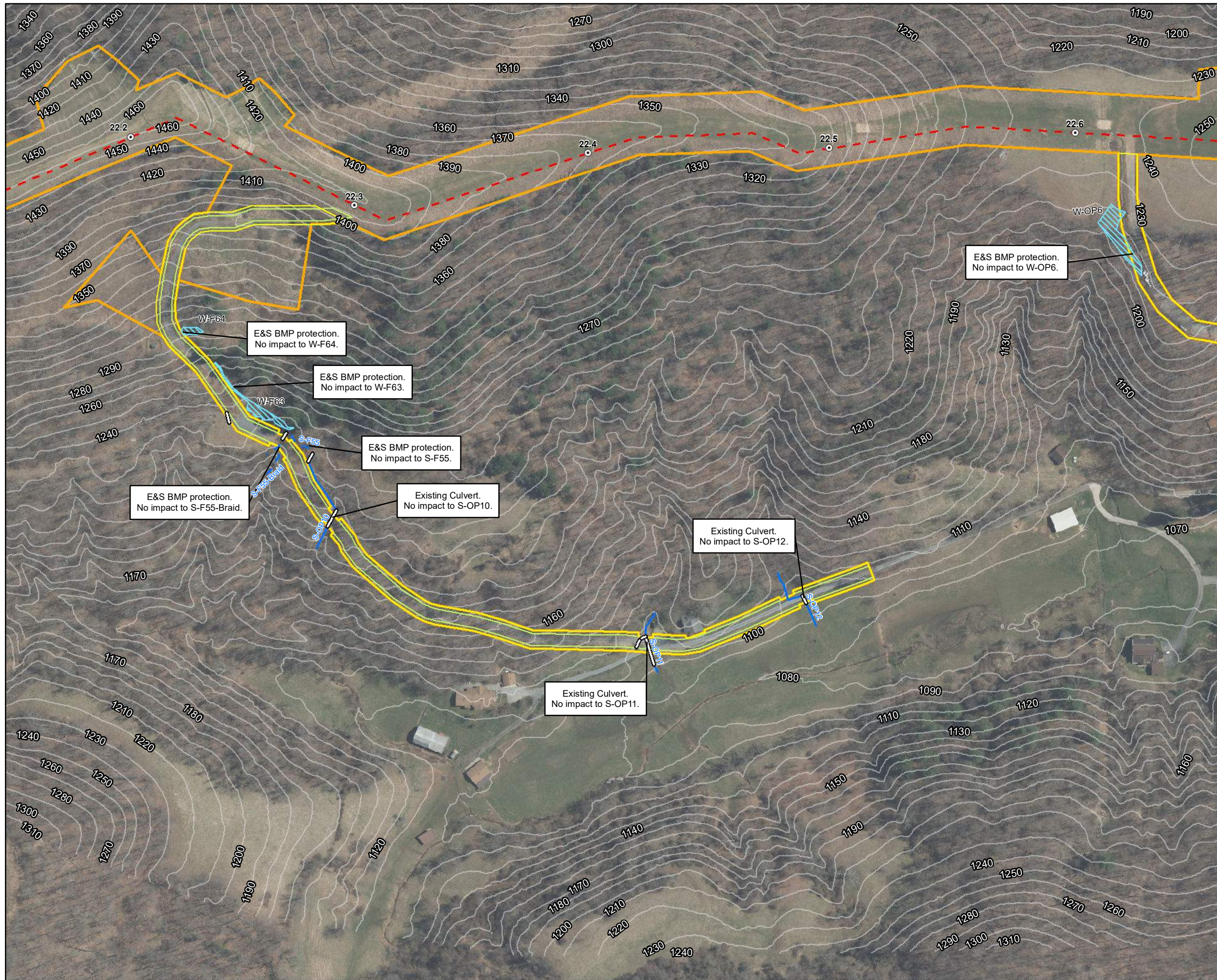
Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-57
Harrison County, West Virginia
October 2022

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



Legend

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

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

Mountain Valley Pipeline Project

Detail Map

Individual Permit Application

Figure 4-58
Harrison County, West Virginia

October 2022

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



Legend

Milepost

Alignment Centerline

Access Road Temporary LOD

Access Road Permanent LOD

Permanent Facility

Limit of Disturbance

Bore Pit

Culvert

Intermittent

Perennial

Ephemeral

Pond

Palustrine Forested

Palustrine Emergent

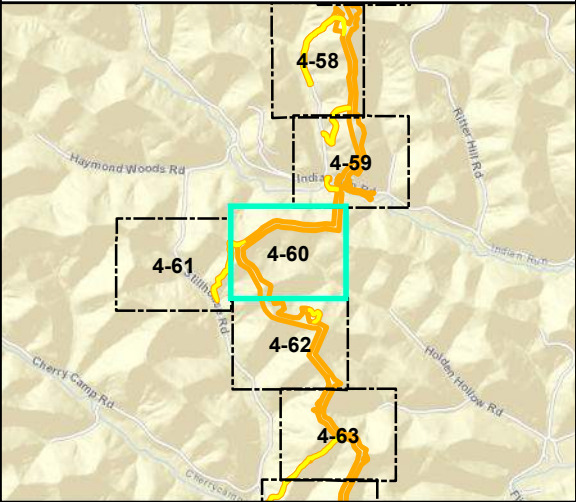
Palustrine Scrub-Shrub

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

A north arrow pointing up and a scale bar showing distances from 0 to 200 feet.



Mountain Valley Pipeline Project

The logo for Mountain Valley Pipeline, featuring a stylized mountain peak and the text 'Mountain Valley PIPELINE'.

Detail Map
Individual Permit Application

Figure 4-60
Harrison County, West Virginia

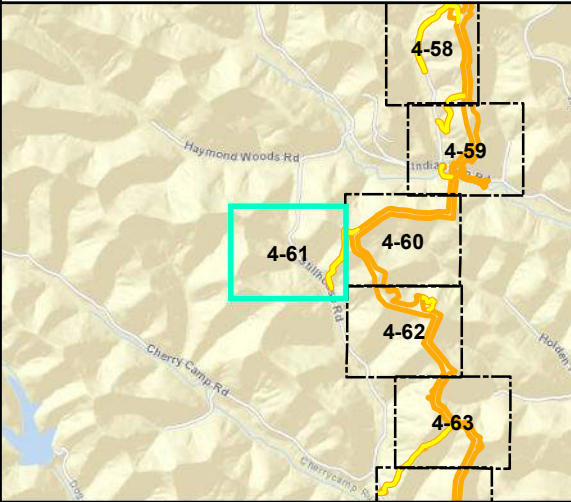
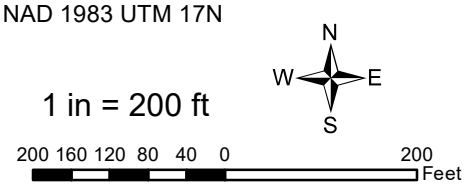
October 2022

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



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

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



Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-61
Harrison County, West Virginia

October 2022

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



Legend

Milepost

Alignment Centerline

Access Road Temporary LOD

Access Road Permanent LOD

Permanent Facility

Limit of Disturbance

Bore Pit

Culvert

Intermittent

Perennial

Ephemeral

Pond

Palustrine Forested

Palustrine Emergent

Palustrine Scrub-Shrub

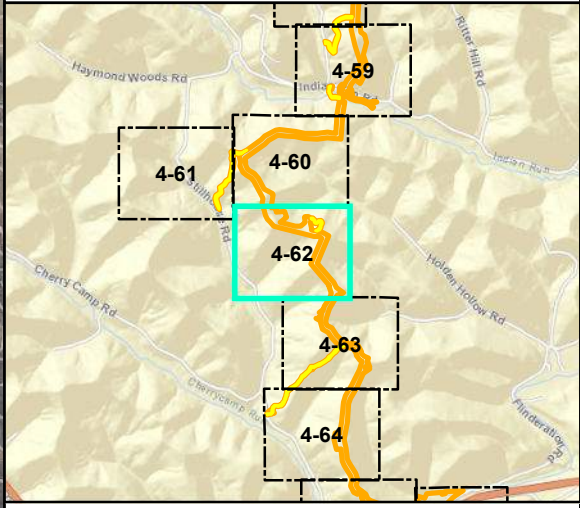
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

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 4-62
Harrison County, West Virginia

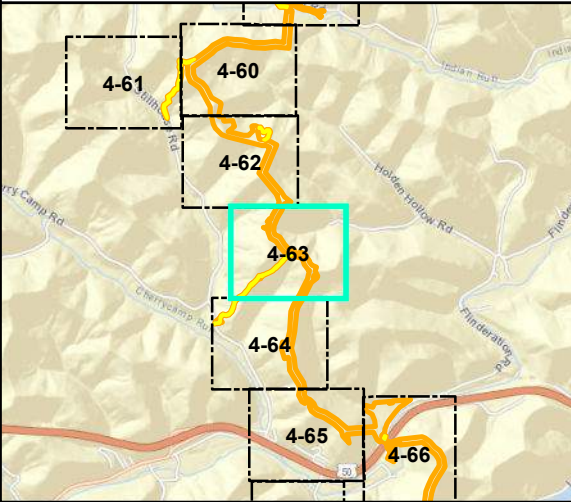
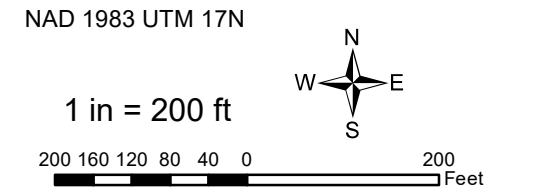
October 2022

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



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

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



Mountain Valley Pipeline Project



Detail Map Individual Permit Application

Figure 4-63
Harrison County, West Virginia

October 2022

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



Legend

Milepost

Alignment Centerline

Access Road Temporary LOD

Access Road Permanent LOD

Permanent Facility

Limit of Disturbance

Bore Pit

Culvert

Stream

Intermittent

Perennial

Ephemeral

Pond

Wetland

Palustrine Forested

Palustrine Emergent

Palustrine Scrub-Shrub

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

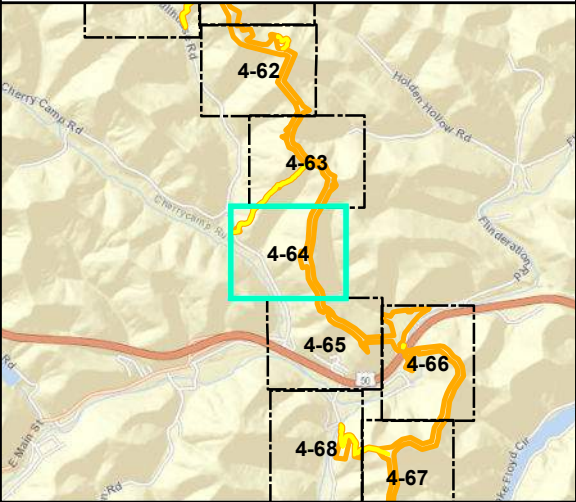
NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0

200

Feet



Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-64
Harrison County, West Virginia
October 2022

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



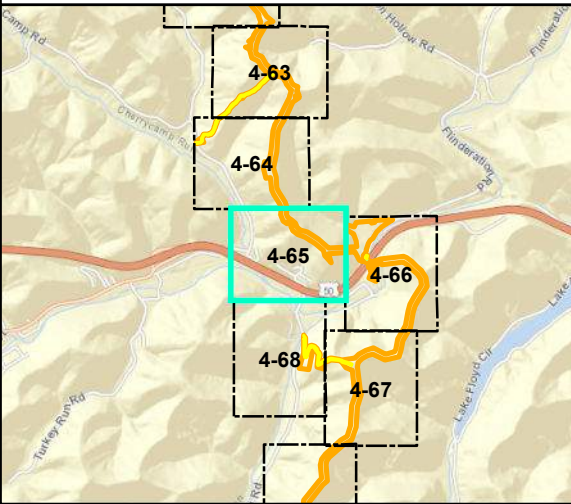
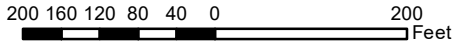
Legend

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

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

NAD 1983 UTM 17N

1 in = 200 ft



Mountain Valley Pipeline Project

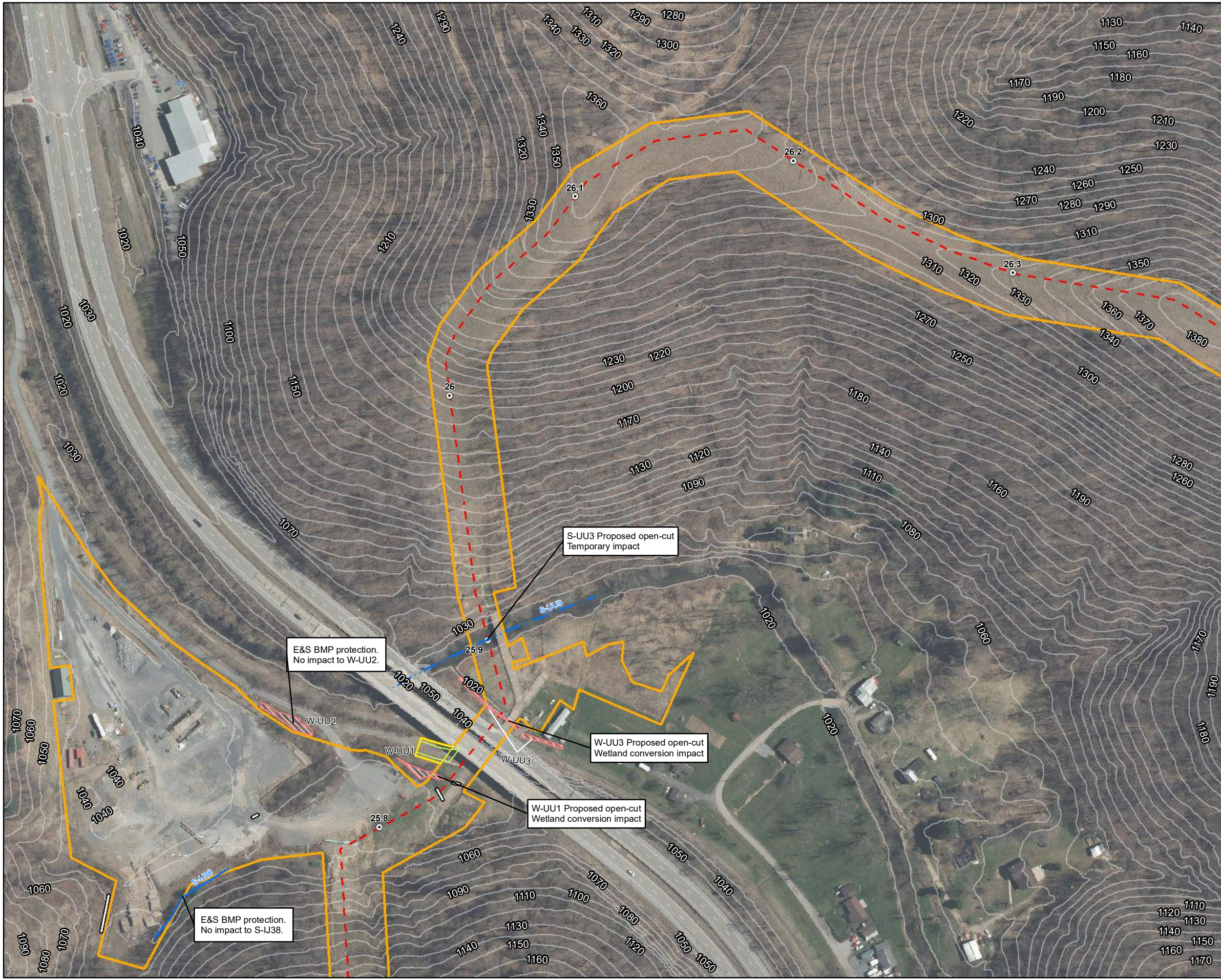


**Detail Map
Individual Permit Application**

Figure 4-65
Harrison County, West Virginia

October 2022

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



Legend

Milepost

Alignment Centerline

Access Road Temporary LOD

Access Road Permanent LOD

Permanent Facility

Limit of Disturbance

Bore Pit

Culvert

Intermittent

Perennial

Ephemeral

Pond

Palustrine Forested

Palustrine Emergent

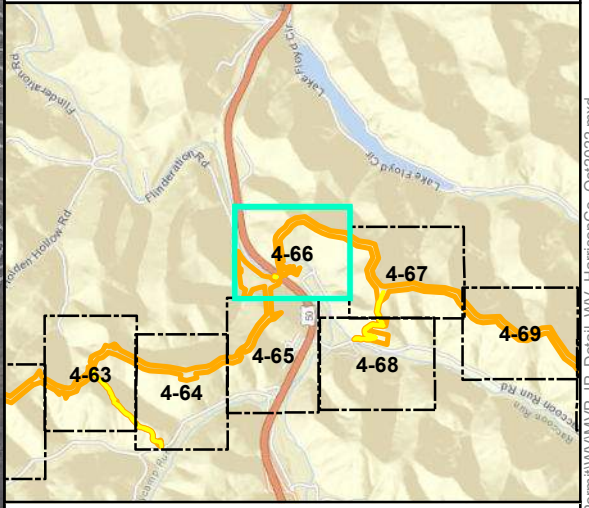
Palustrine Scrub-Shrub

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 4-66
Harrison County, West Virginia

October 2022

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

Document Path: P:\GIS\EQ\MVP\MapDocs\Wetlands\Individual_Permit\WV\MVP_IP_Detail_WV_HarrisonCo_Oct2022.mxd



Legend

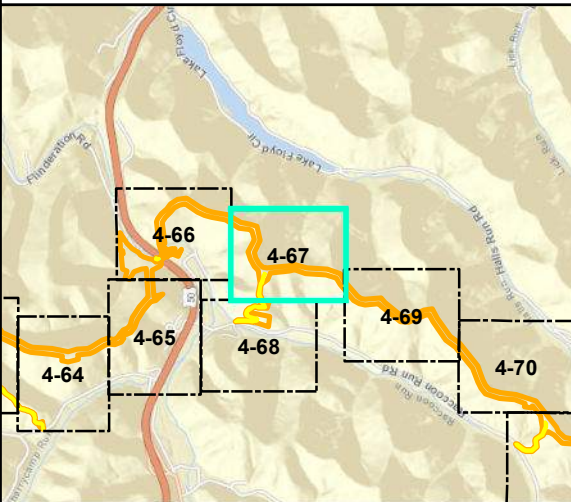
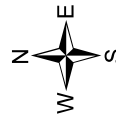
- | | |
|-------------------------------|--------------------------|
| ○ Milepost | Stream |
| --- Alignment Centerline | --- Intermittent |
| --- Access Road Temporary LOD | --- Perennial |
| --- Access Road Permanent LOD | --- Ephemeral |
| Permanent Facility | ▨ Pond |
| Limit of Disturbance | Wetland |
| ■ 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 4-67
Harrison County, West Virginia

October 2022

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



Legend

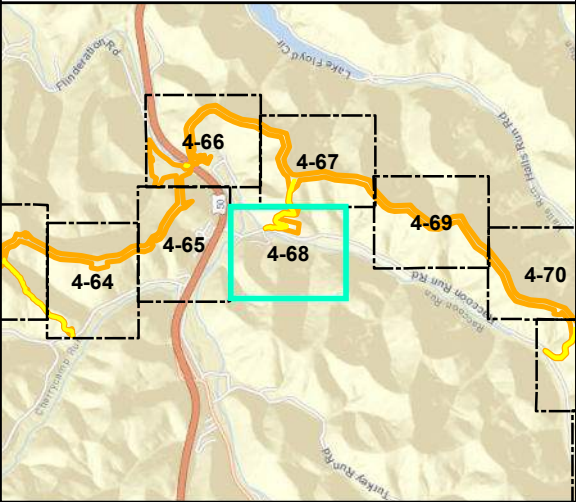
○ Milepost	Stream
— Alignment Centerline	— Intermittent
— Access Road Temporary LOD	— Perennial
— Access Road Permanent LOD	— Ephemeral
Permanent Facility	▨ Pond
Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



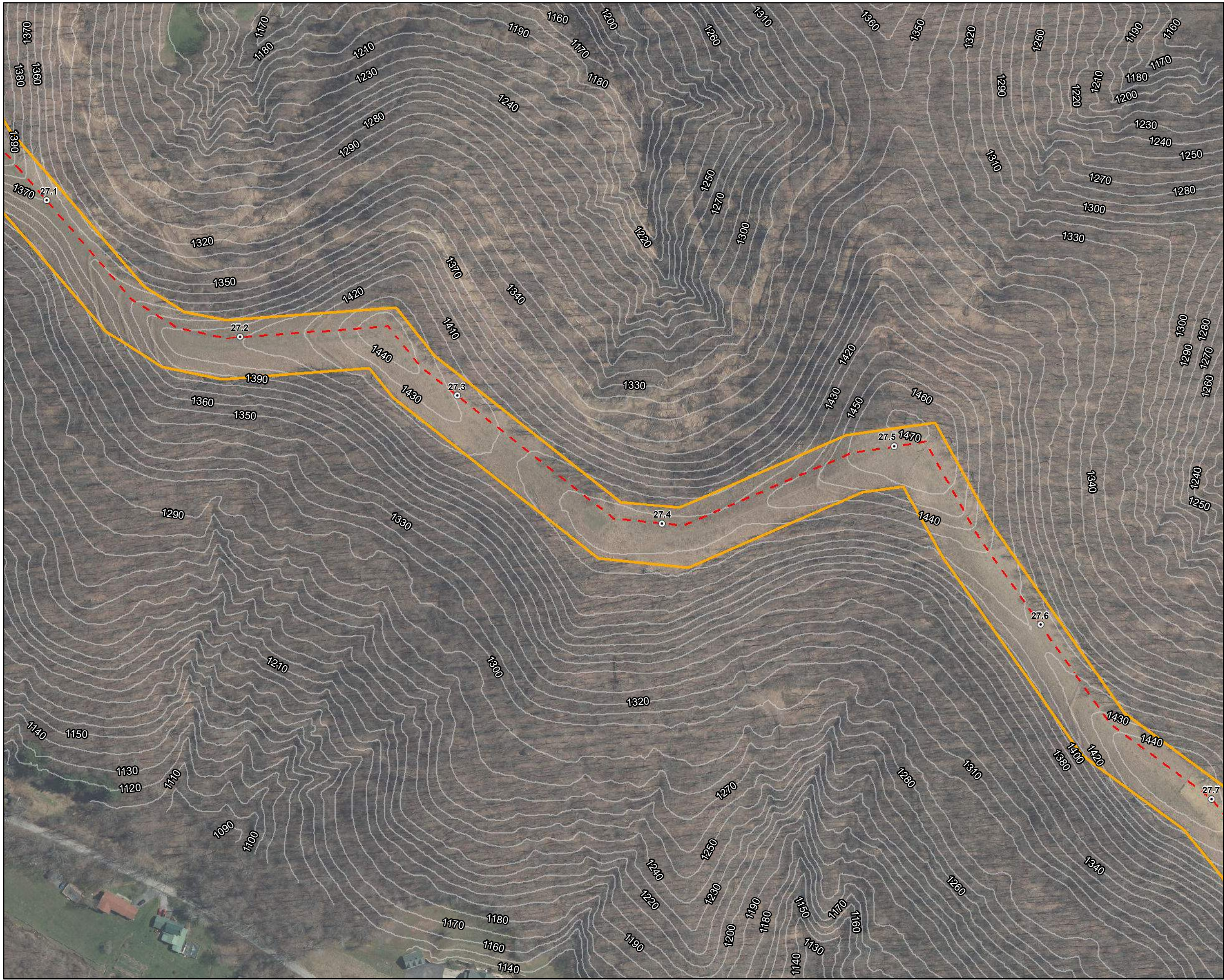
Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-68
Harrison County, West Virginia
October 2022

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



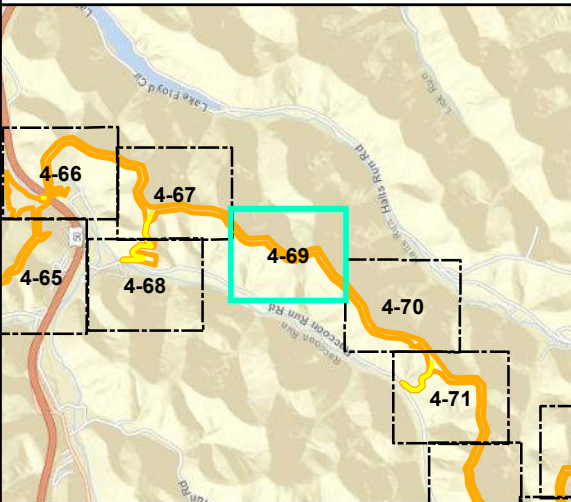
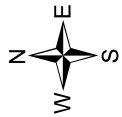
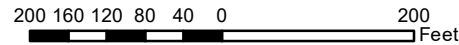
Legend

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

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

NAD 1983 UTM 17N

1 in = 200 ft



Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-69
Harrison County, West Virginia

October 2022

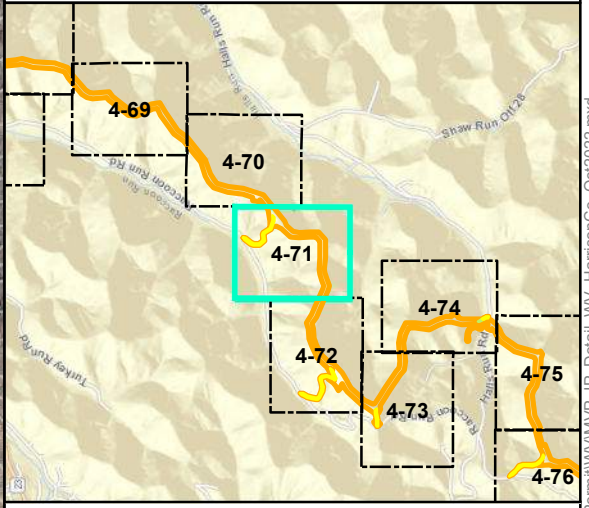
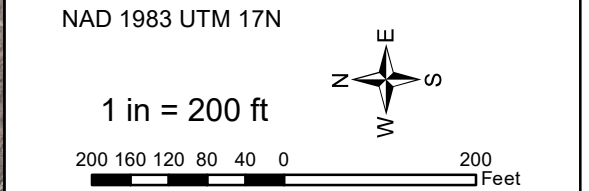
Data Sources: WV GIS Technical Center Imagery Service 2020
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





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

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



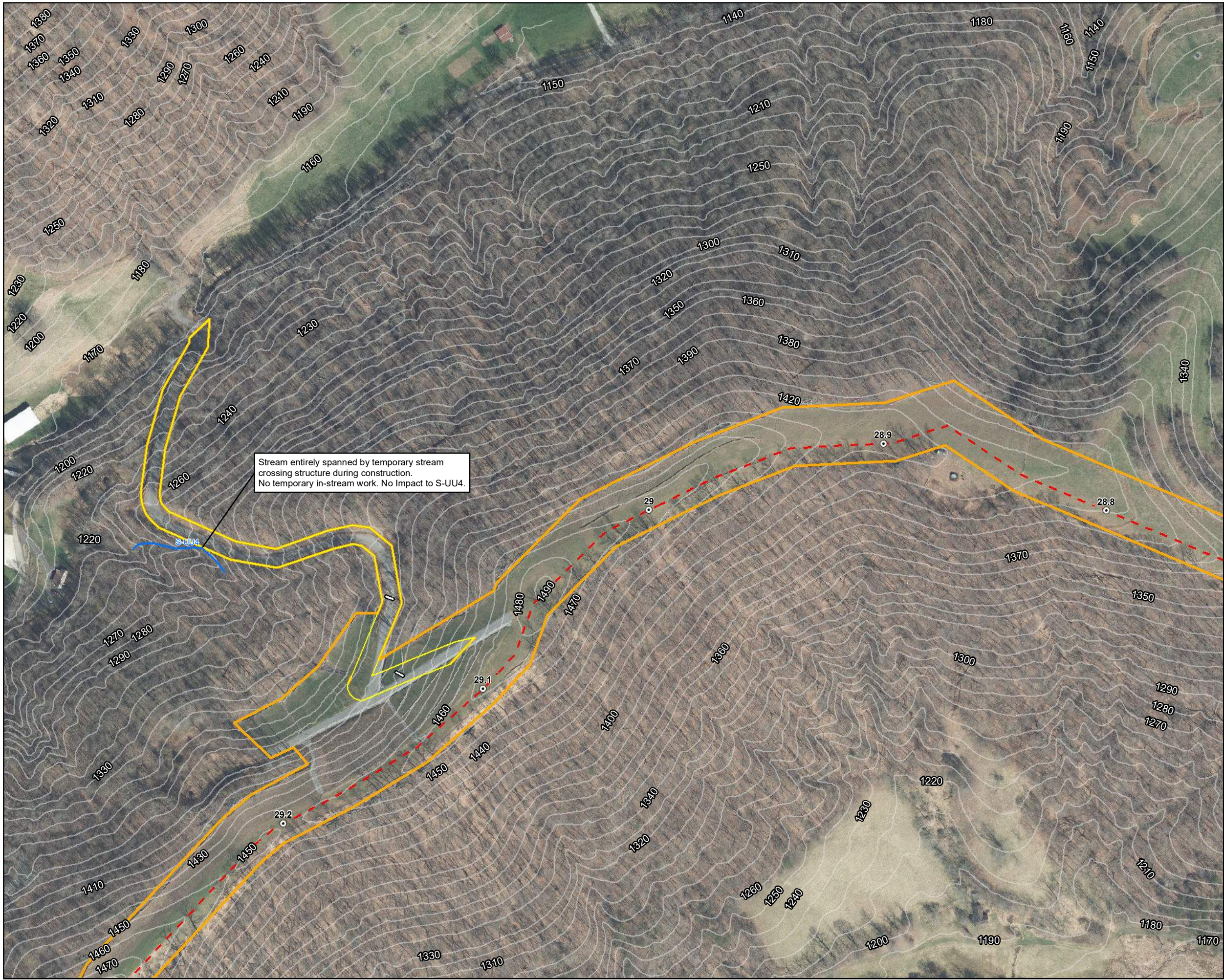
Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

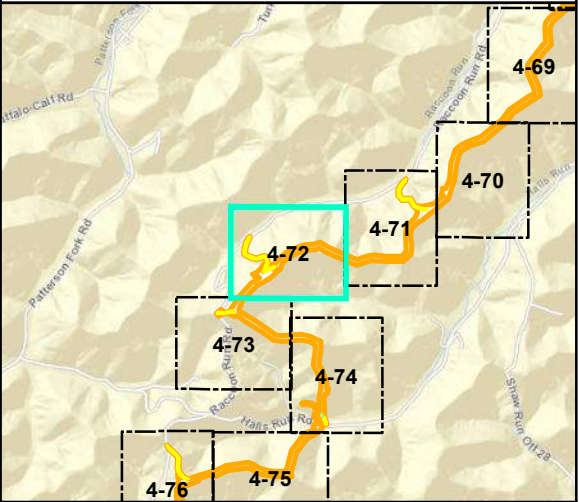
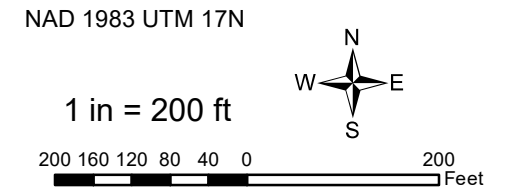
Figure 4-71
Harrison County, West Virginia
October 2022

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



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

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



Mountain Valley Pipeline Project



Detail Map Individual Permit Application

Figure 4-72
Harrison County, West Virginia

October 2022

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



Legend

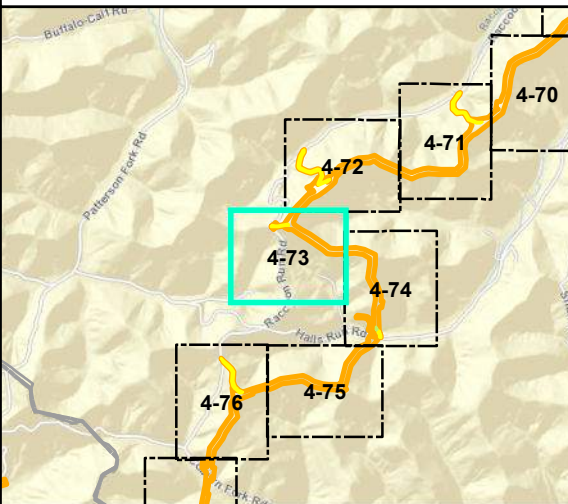
- | | |
|-------------------------------|--------------------------|
| ○ Milepost | Stream |
| --- Alignment Centerline | --- Intermittent |
| --- Access Road Temporary LOD | --- Perennial |
| --- Access Road Permanent LOD | --- Ephemeral |
| Permanent Facility | ▨ Pond |
| Limit of Disturbance | Wetland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

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



Mountain Valley Pipeline Project



Detail Map Individual Permit Application

Figure 4-73
Harrison County, West Virginia

October 2022

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



Legend

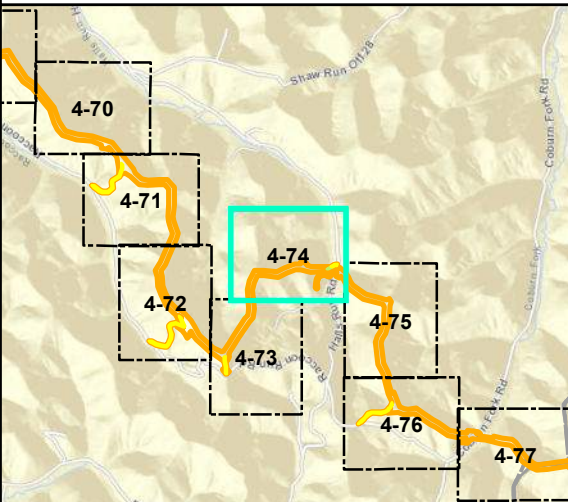
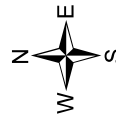
- | | |
|-----------------------------|--------------------------|
| ○ Milepost | Stream |
| --- Alignment Centerline | --- Intermittent |
| □ Access Road Temporary LOD | --- Perennial |
| □ Access Road Permanent LOD | --- Ephemeral |
| □ Permanent Facility | ▨ Pond |
| □ Limit of Disturbance | Wetland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

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-74
Harrison County, West Virginia

October 2022

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



Legend

Milepost

Alignment Centerline

Access Road Temporary LOD

Access Road Permanent LOD

Permanent Facility

Limit of Disturbance

Bore Pit

Culvert

Intermittent

Perennial

Ephemeral

Pond

Palustrine Forested

Palustrine Emergent

Palustrine Scrub-Shrub

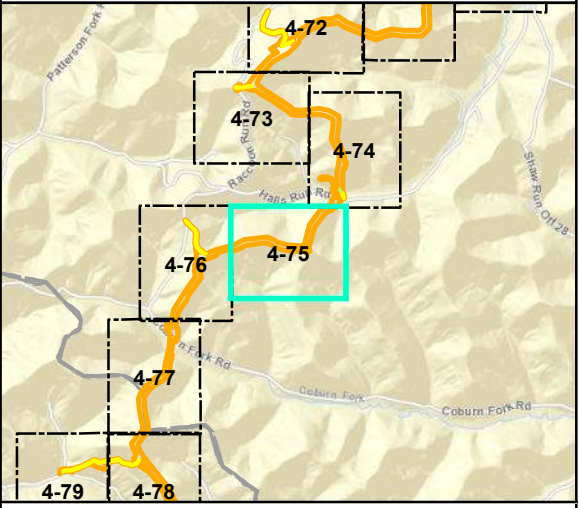
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200

Feet



Mountain Valley Pipeline Project

Detail Map

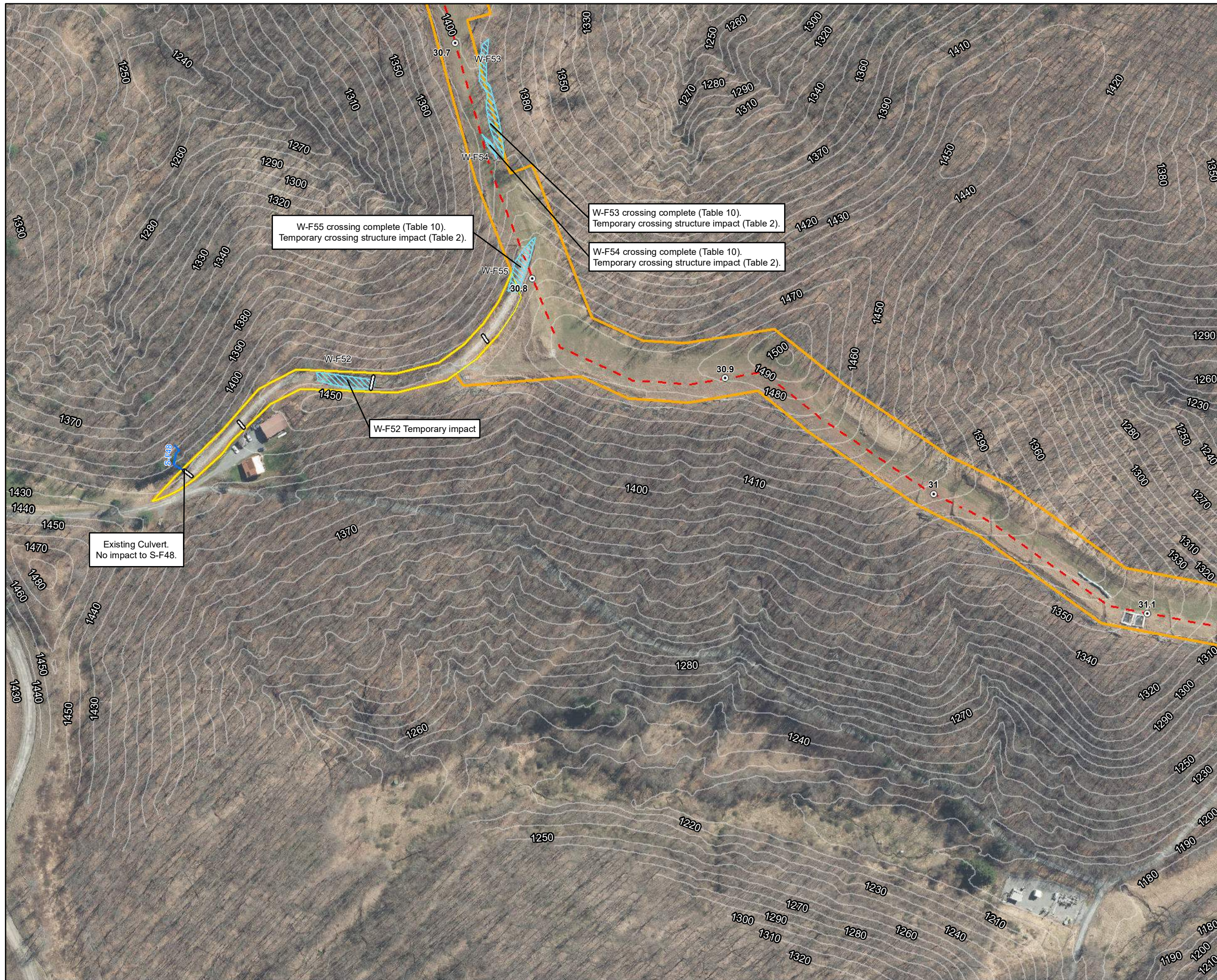
Individual Permit Application

Figure 4-75

Harrison County, West Virginia

October 2022

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



Legend

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

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

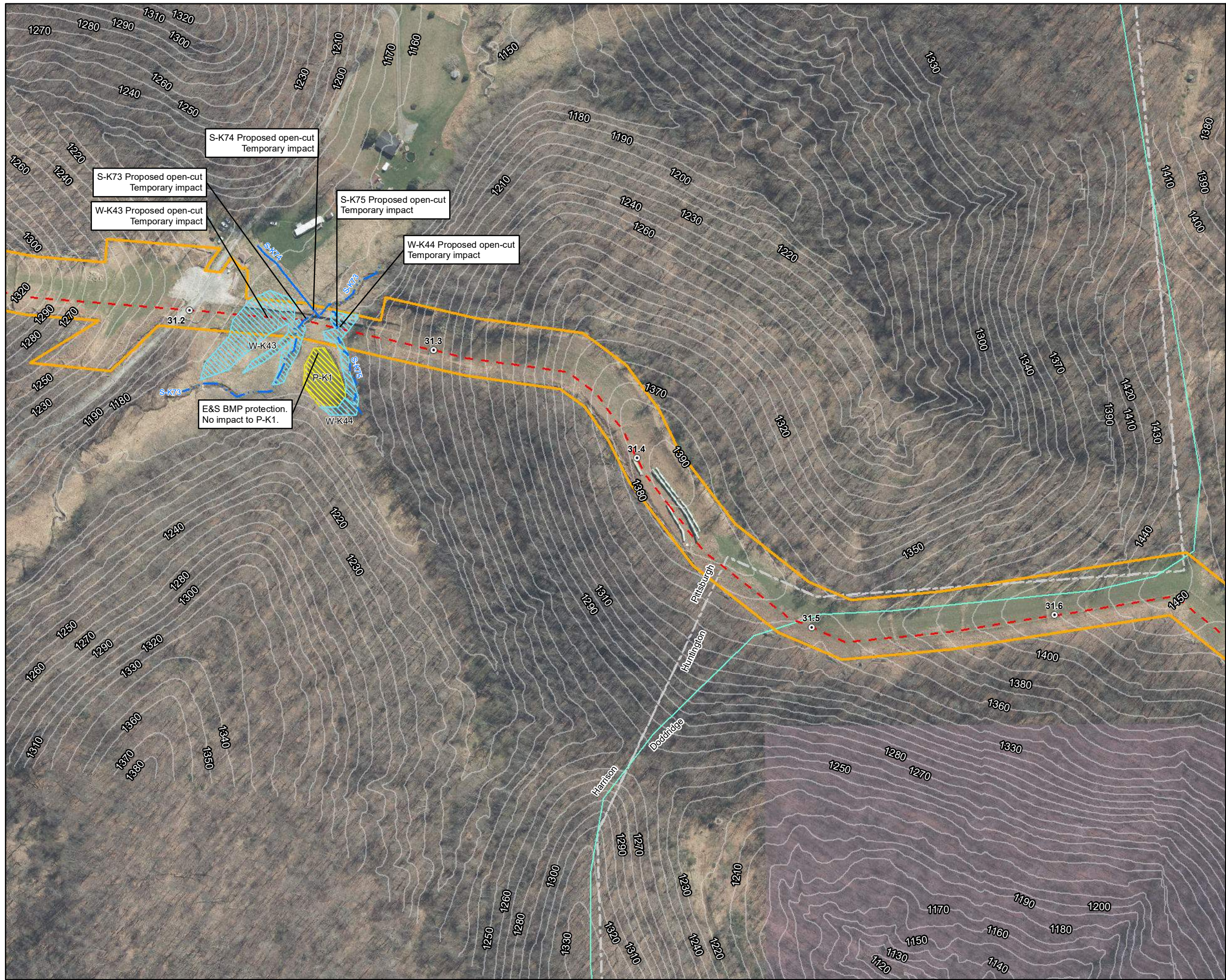
Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-76
Harrison County, West Virginia

October 2022

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



Legend

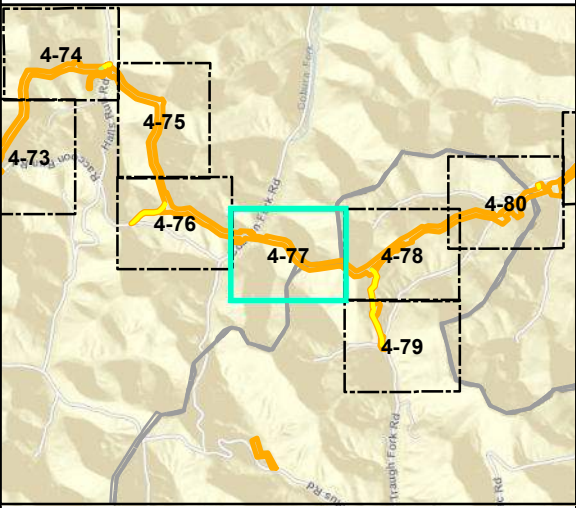
○ Milepost	Stream
--- Alignment Centerline	--- Intermittent
□ Access Road Temporary LOD	--- Perennial
□ Access Road Permanent LOD	--- Ephemeral
□ Permanent Facility	▨ Pond
□ Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-77
Doddridge/Harrison County, West Virginia
October 2022

Data Sources: WV GIS Technical Center Imagery Service 2019 and 2020
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



Legend

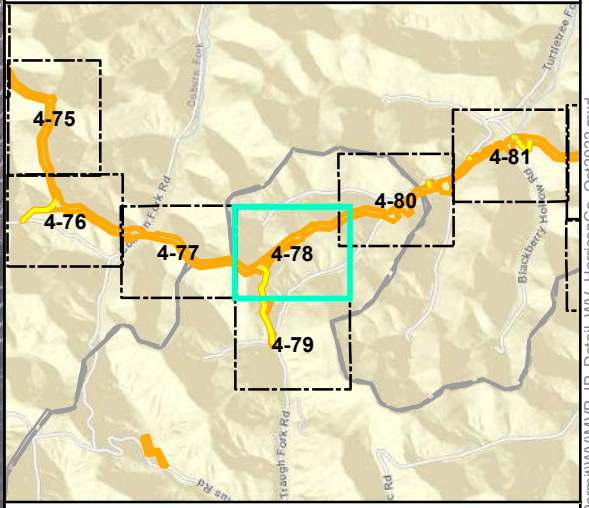
○ Milepost	Stream
--- Alignment Centerline	--- Intermittent
--- Access Road Temporary LOD	--- Perennial
--- Access Road Permanent LOD	--- Ephemeral
Permanent Facility	▨ Pond
Limit of Disturbance	Wetland
■ Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-78
Doddridge County, West Virginia

October 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

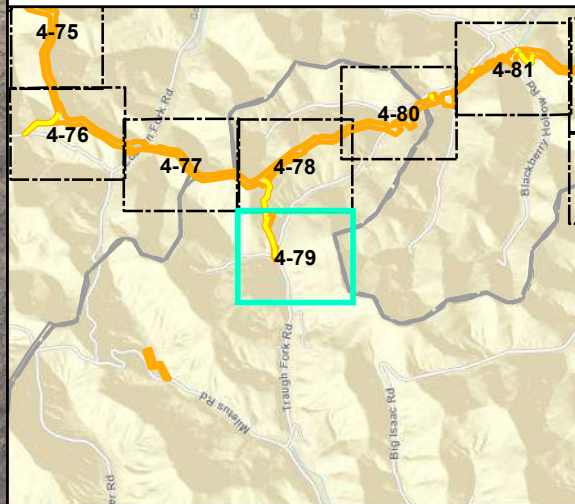
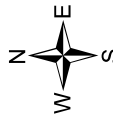
- | | |
|-------------------------------|--------------------------|
| ○ Milepost | Stream |
| --- Alignment Centerline | --- Intermittent |
| --- Access Road Temporary LOD | --- Perennial |
| --- Access Road Permanent LOD | --- Ephemeral |
| Permanent Facility | ▨ Pond |
| Limit of Disturbance | Wetland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

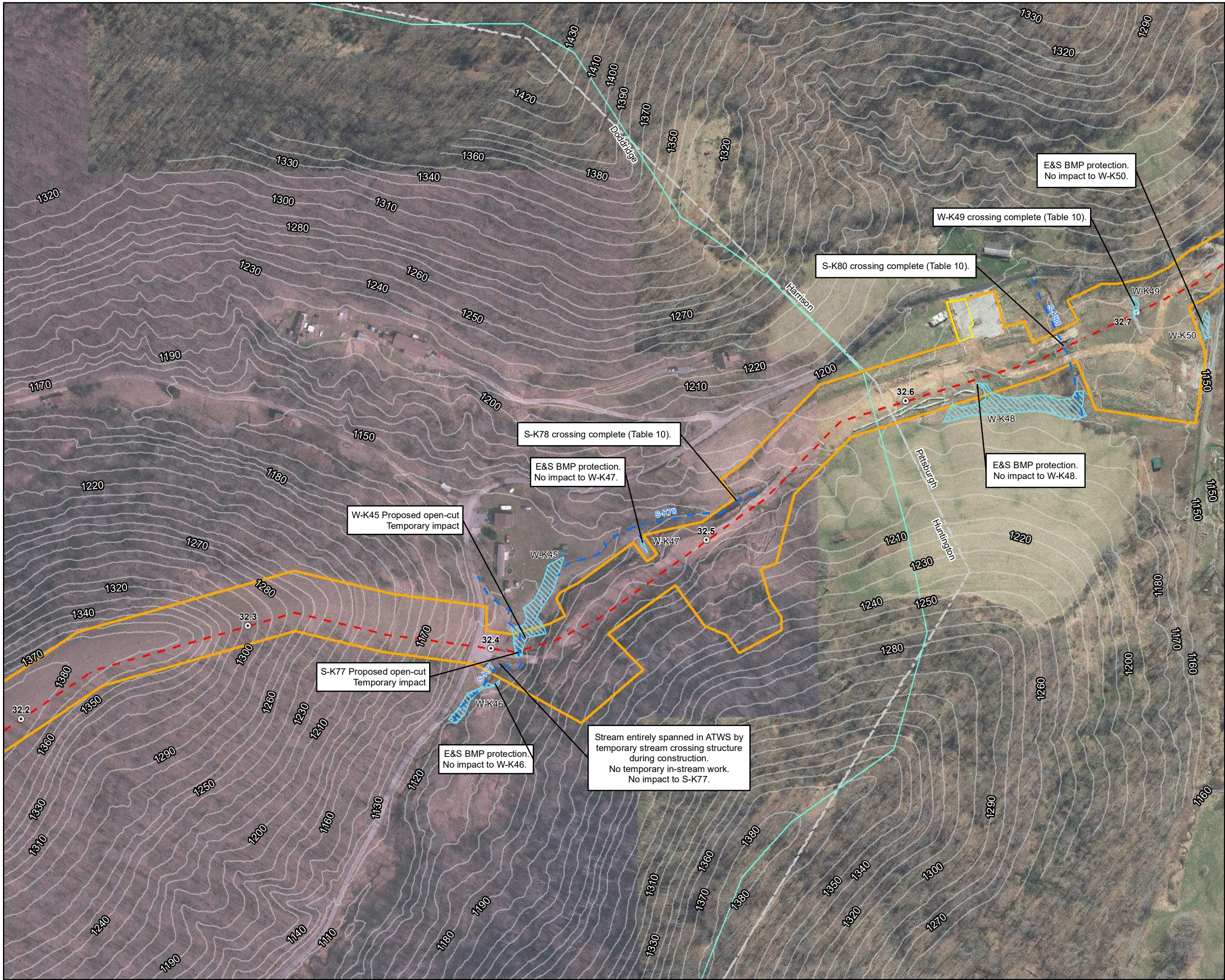


**Detail Map
Individual Permit Application**

Figure 4-79
Doddridge/Harrison County, West Virginia

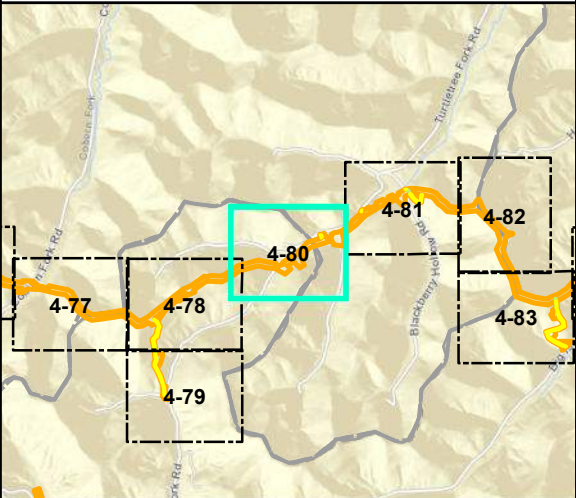
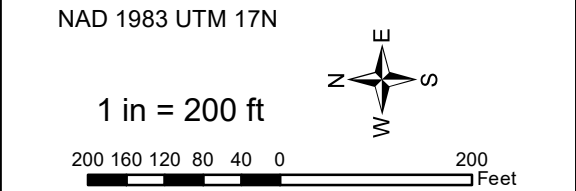
October 2022

Data Sources: WV GIS Technical Center Imagery Service 2019 and 2020
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



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

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



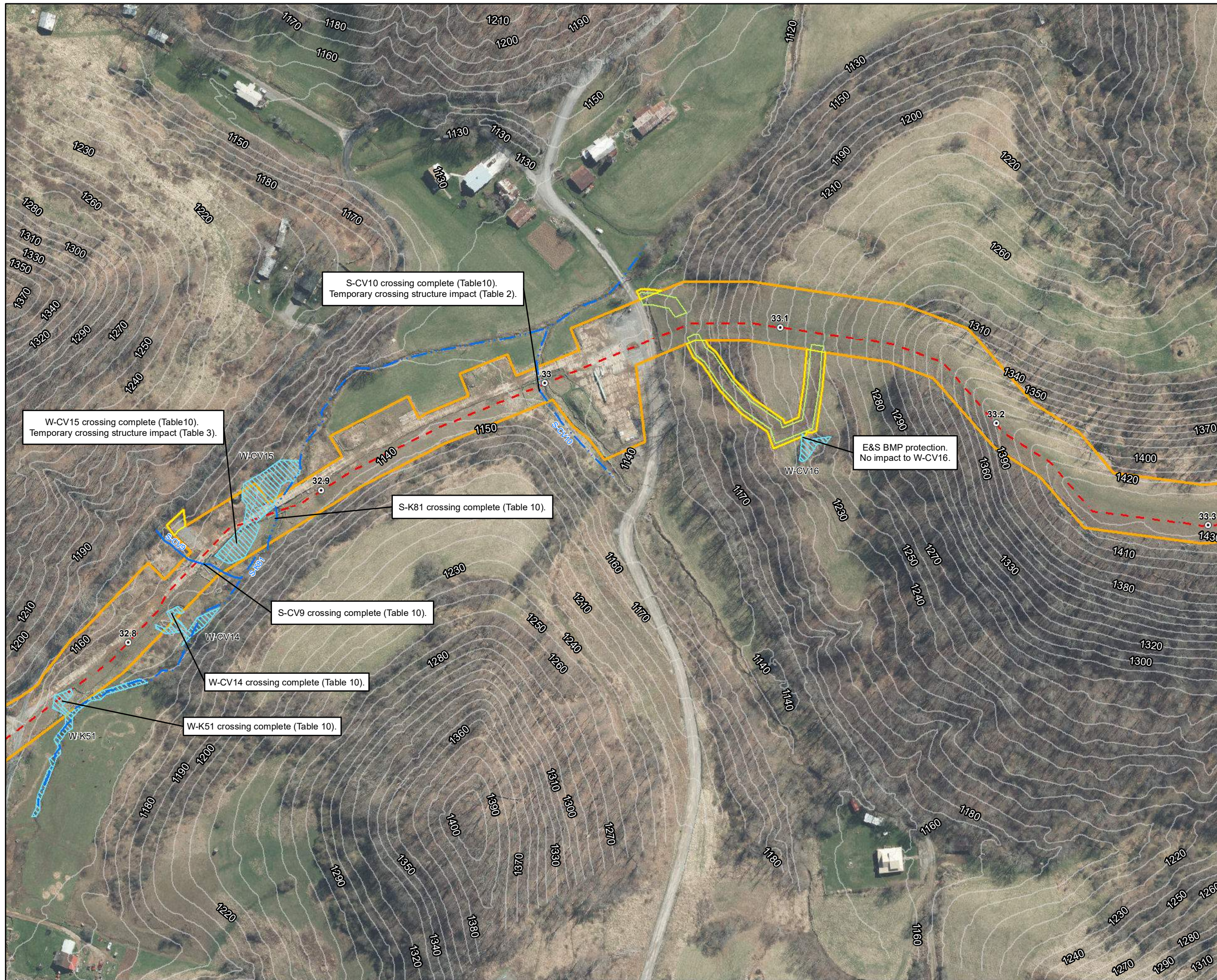
Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-80
Doddridge/Harrison County, West Virginia
October 2022

Data Sources: WV GIS Technical Center Imagery Service 2019 and 2020
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



Legend

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

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

Mountain Valley Pipeline Project

Detail Map Individual Permit Application

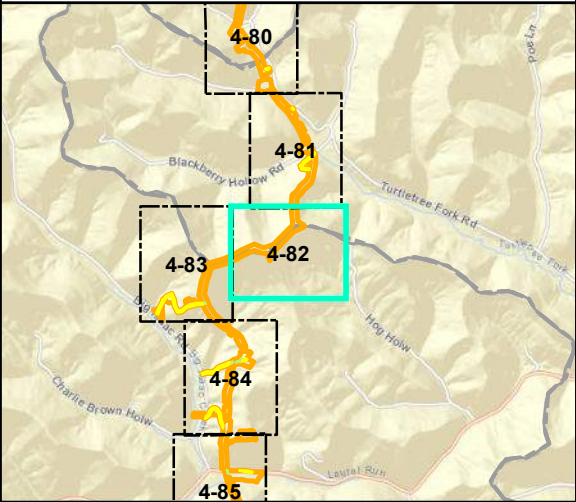
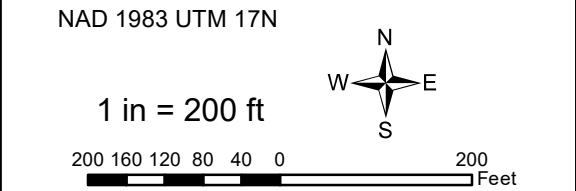
Figure 4-81
Harrison County, West Virginia
October 2022

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



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

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



Mountain Valley Pipeline Project

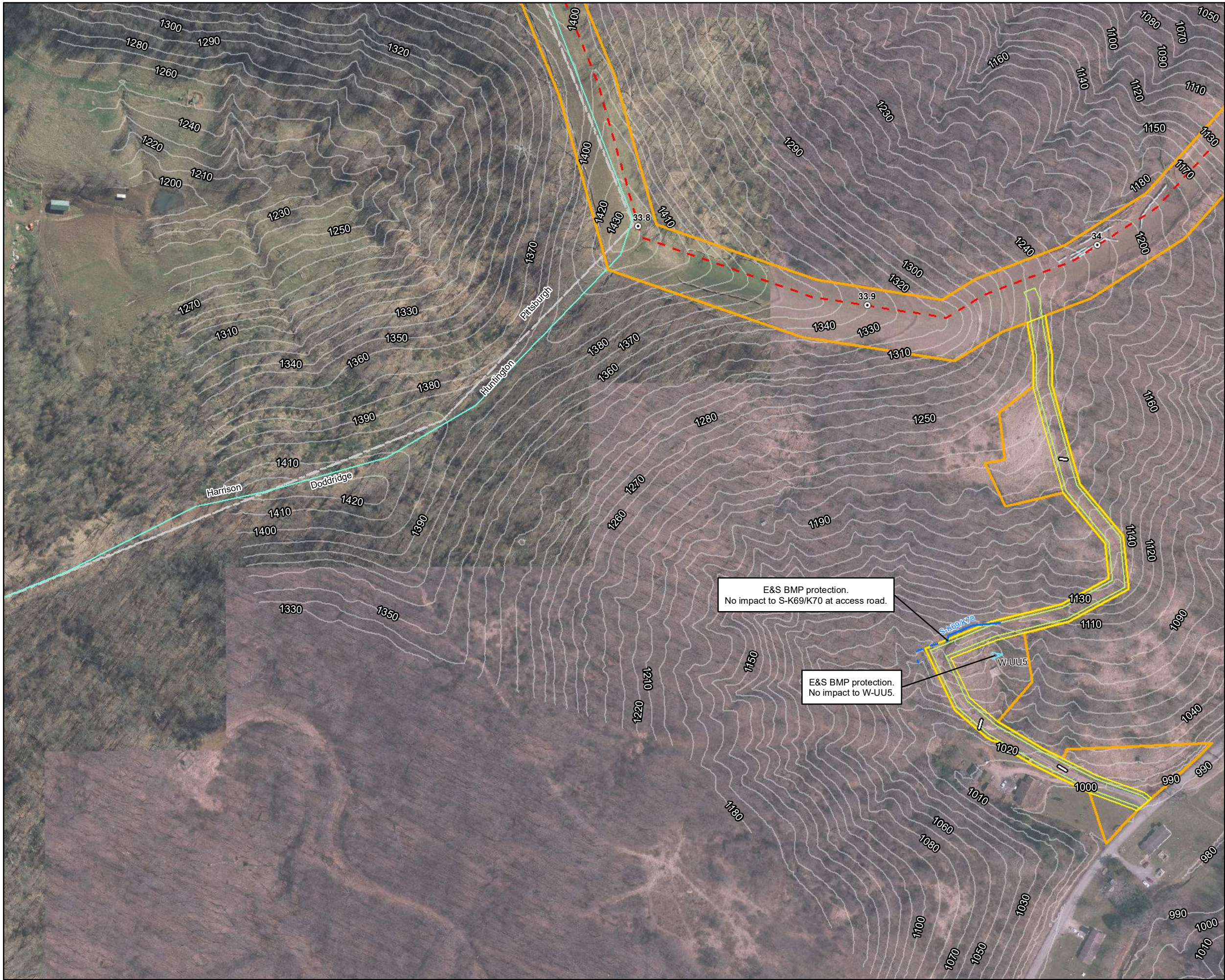


Detail Map Individual Permit Application

Figure 4-82
Doddridge/Harrison County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2019 and 2020
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



Legend

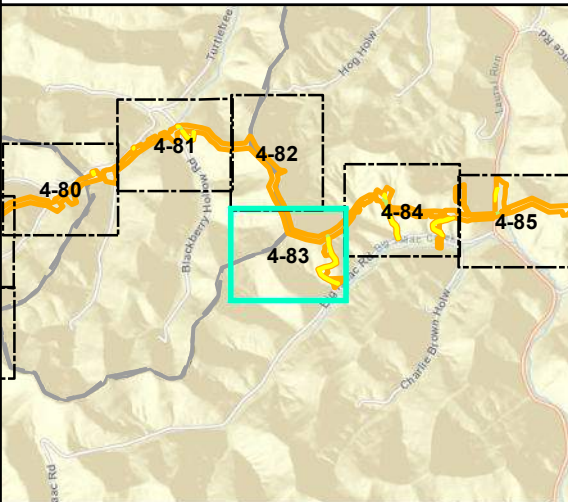
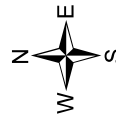
- | | |
|-----------------------------|--------------------------|
| ○ Milepost | Stream |
| - - - Alignment Centerline | - - - Intermittent |
| □ Access Road Temporary LOD | - · - · - Perennial |
| □ Access Road Permanent LOD | — Ephemeral |
| □ Permanent Facility | ▨ Pond |
| ▭ Limit of Disturbance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

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



Mountain Valley Pipeline Project

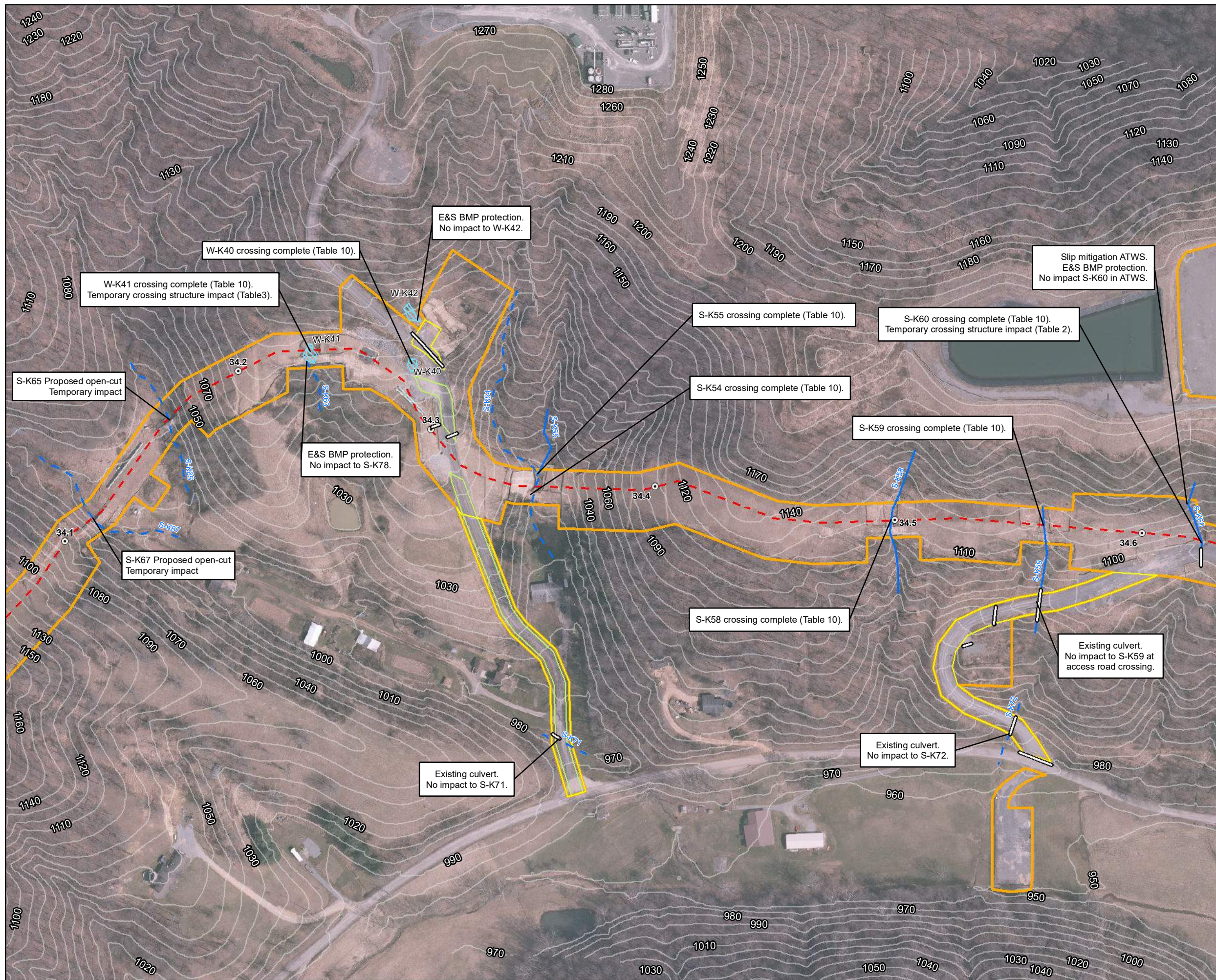


Detail Map Individual Permit Application

Figure 4-83
Doddridge/Harrison County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2019 and 2020
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



Legend

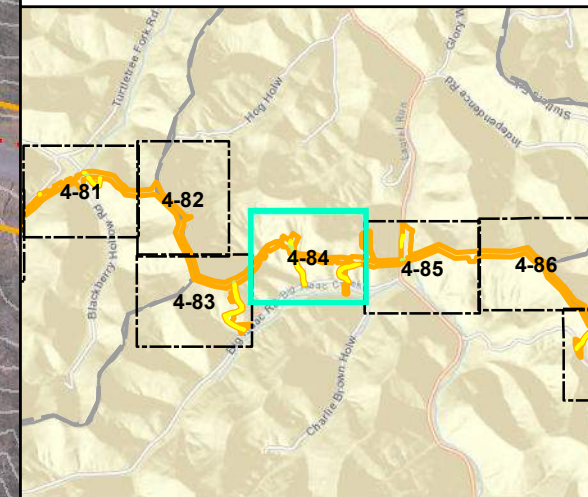
○ Milepost	Stream
— Alignment Centerline	— Intermittent
— Access Road Temporary LOD	— Perennial
— Access Road Permanent LOD	— Ephemeral
Permanent Facility	▨ Pond
Limit of Disturbance	Wetland
Bore Pit	▨ Palustrine Forested
— Culvert	▨ Palustrine Emergent
	▨ Palustrine Scrub-Shrub

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



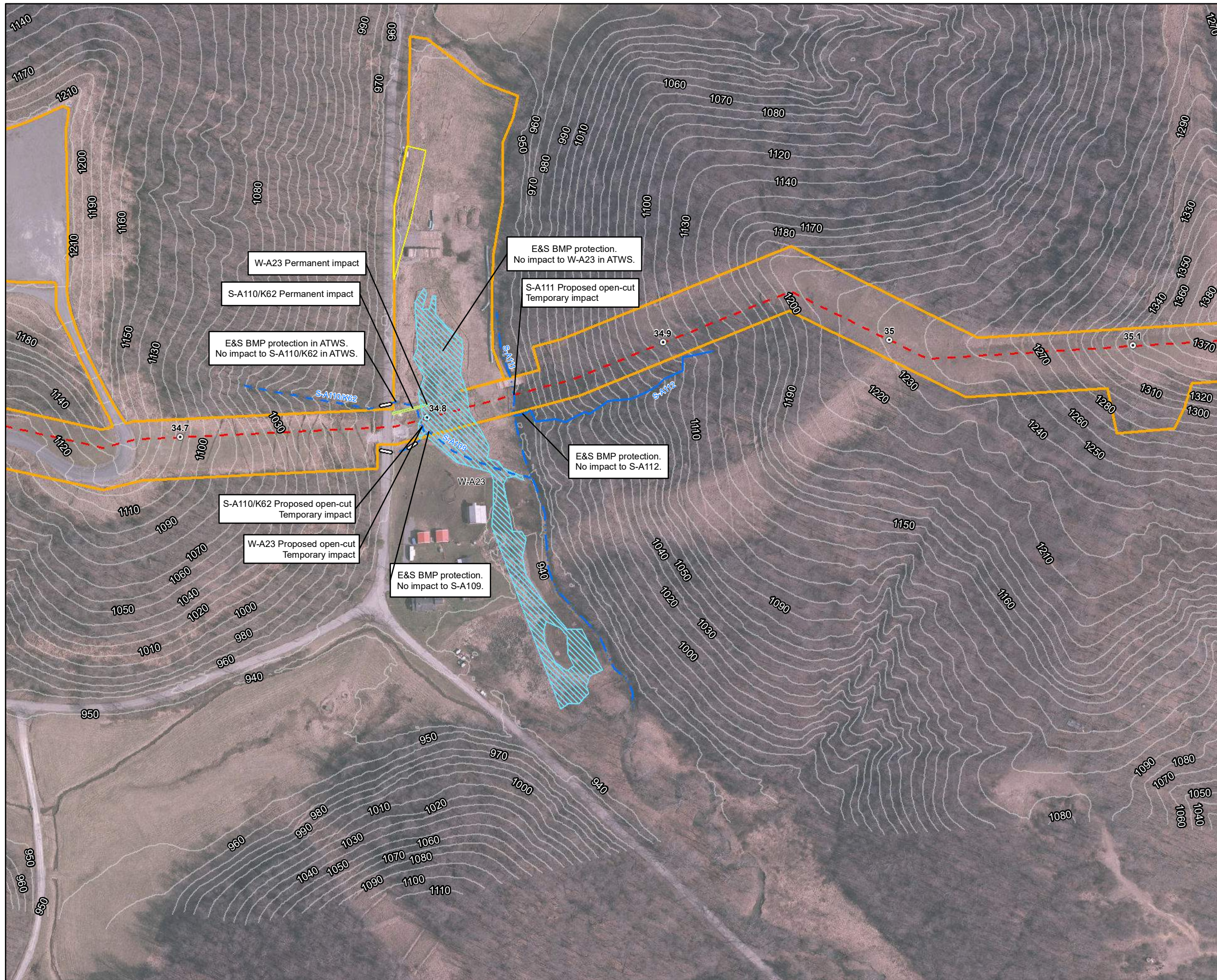
Mountain Valley Pipeline Project



Detail Map Individual Permit Application

Figure 4-84
Doddridge County, West Virginia
October 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 4-85
Doddridge County, West Virginia

October 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.

Document Path: P:\GIS\REQ_MVP\Mapdocs\Wetlands\Individual_Permit\WV\WV_MVP_P_Detail_WV_HarrisonCo_Oct2022.mxd



Legend

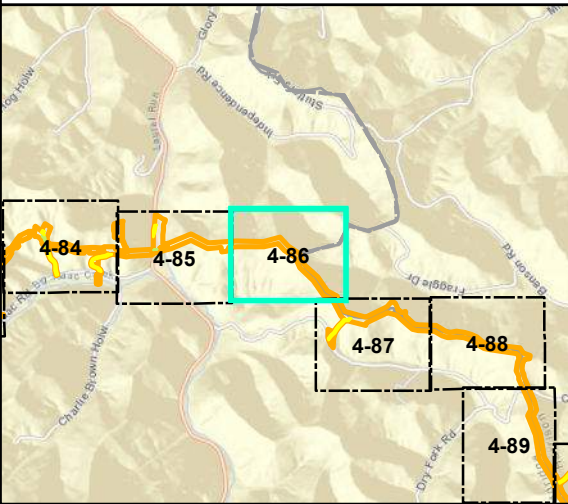
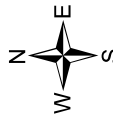
- | | |
|-----------------------------|--------------------------|
| ○ Milepost | Stream |
| --- Alignment Centerline | --- Intermittent |
| □ Access Road Temporary LOD | --- Perennial |
| □ Access Road Permanent LOD | --- Ephemeral |
| □ Permanent Facility | ▨ Pond |
| □ Limit of Disturbance | Wetland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

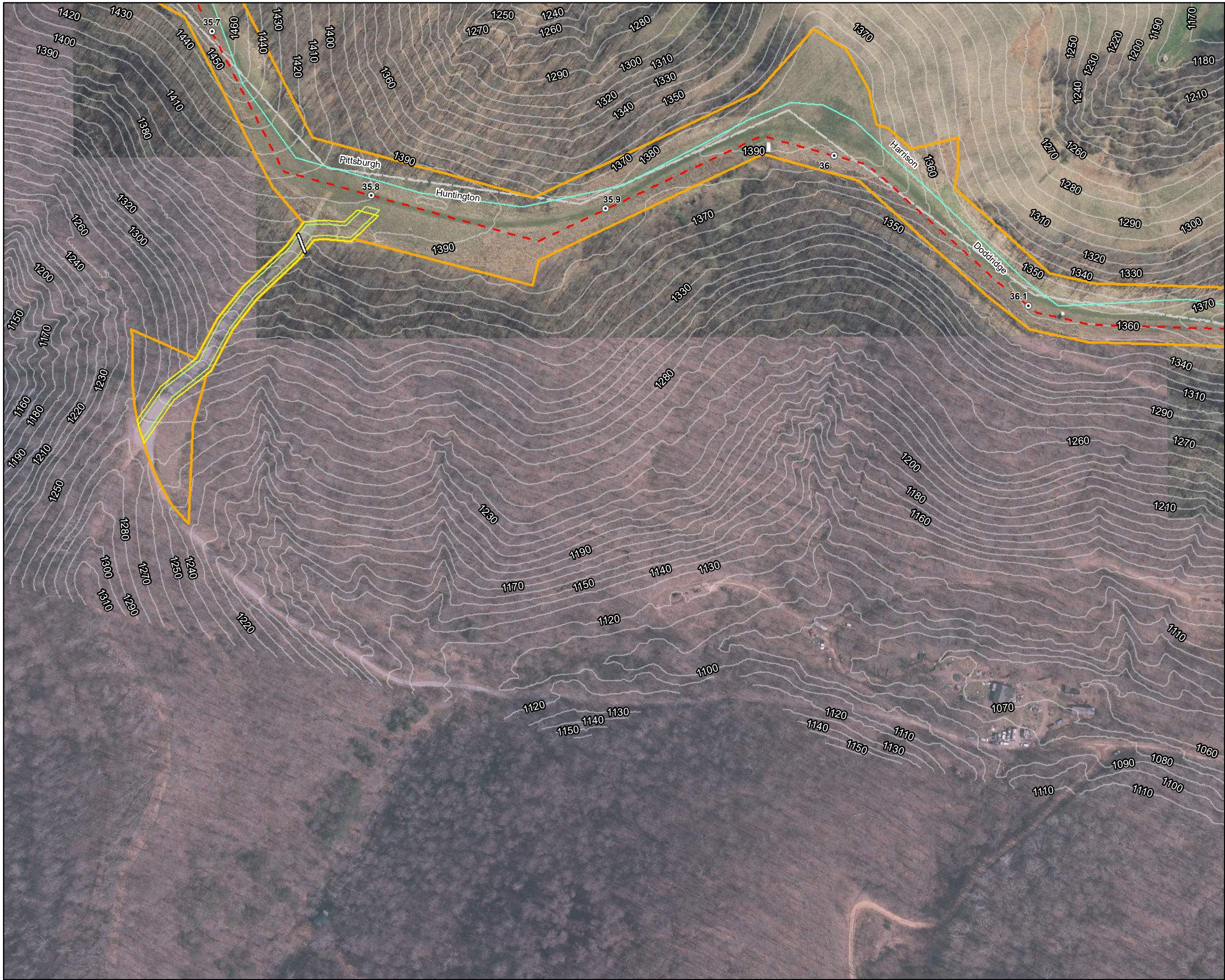


Detail Map Individual Permit Application

Figure 4-86
Doddridge/Harrison County, West Virginia

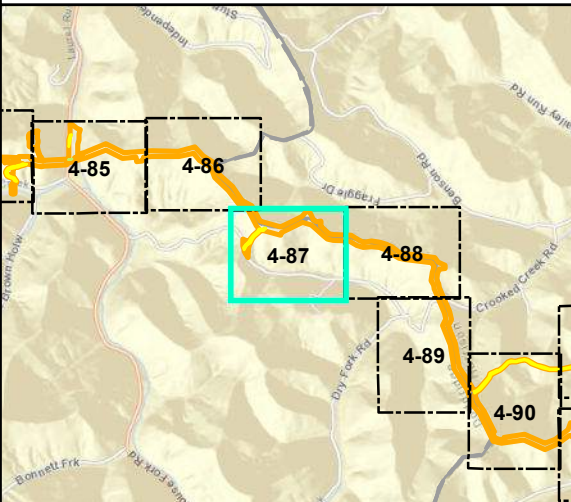
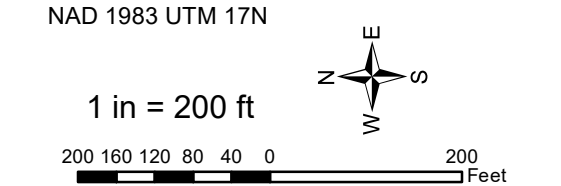
October 2022

Data Sources: WV GIS Technical Center Imagery Service 2019 and 2020
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



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

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



Mountain Valley Pipeline Project

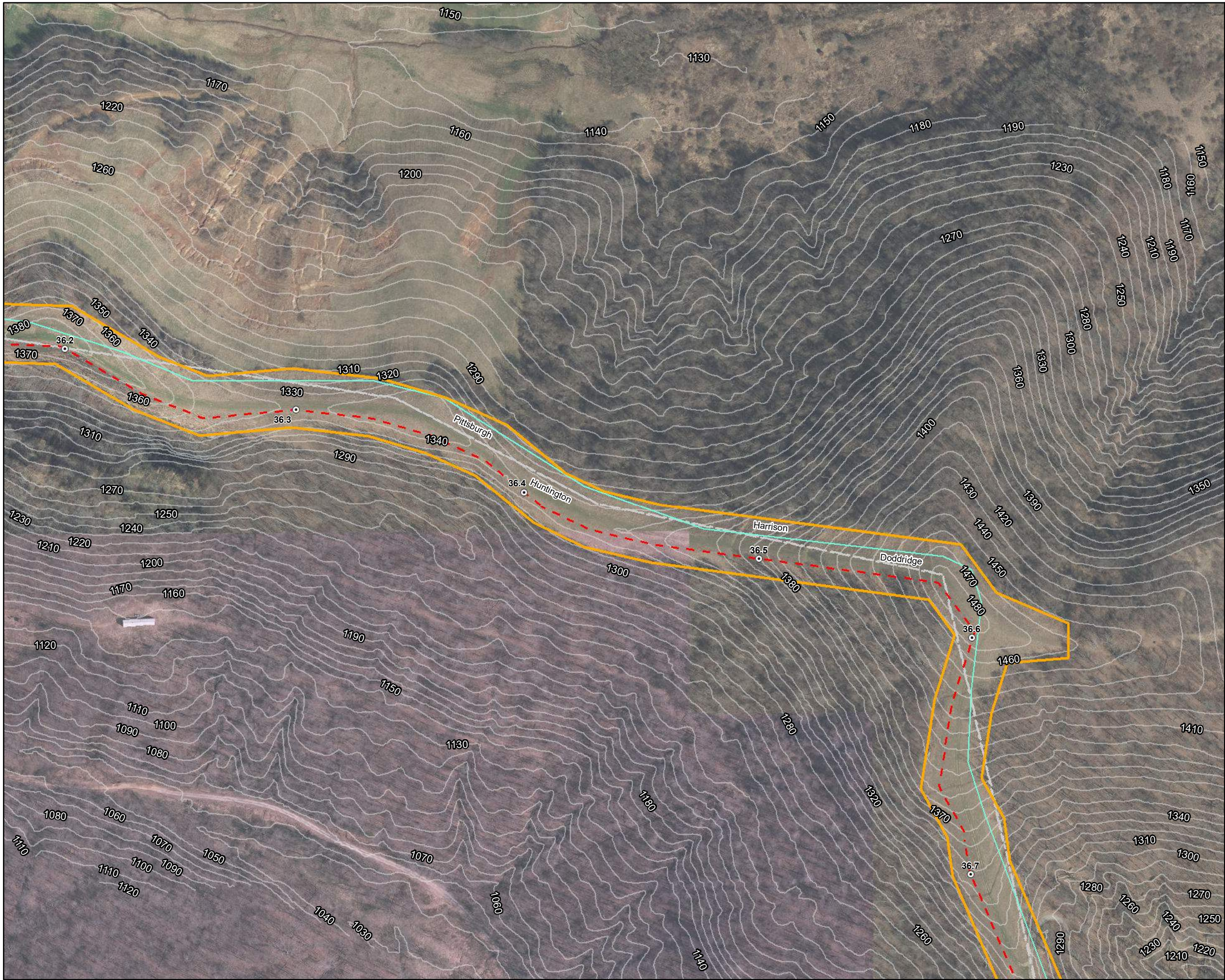


Detail Map Individual Permit Application

Figure 4-87
Doddridge/Harrison County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2019 and 2020
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



Legend

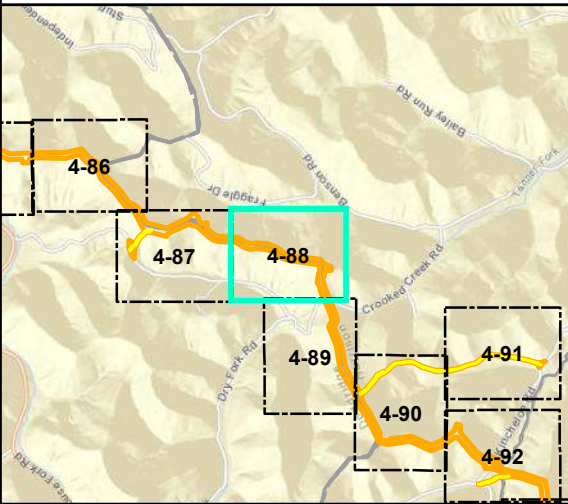
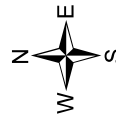
- | | |
|-----------------------------|--------------------------|
| ○ Milepost | Stream |
| — Alignment Centerline | — Intermittent |
| □ Access Road Temporary LOD | — Perennial |
| □ Access Road Permanent LOD | — Ephemeral |
| □ Permanent Facility | ▨ Pond |
| □ Limit of Disturbance | Wetland |
| ■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

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



Mountain Valley Pipeline Project



Detail Map Individual Permit Application

Figure 4-88
Doddridge/Harrison County, West Virginia

October 2022

Data Sources: WV GIS Technical Center Imagery Service 2019 and 2020
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.





Legend

Milepost

Alignment Centerline

Access Road Temporary LOD

Access Road Permanent LOD

Permanent Facility

Limit of Disturbance

Bore Pit

Culvert

Intermittent

Perennial

Ephemeral

Pond

Palustrine Forested

Palustrine Emergent

Palustrine Scrub-Shrub

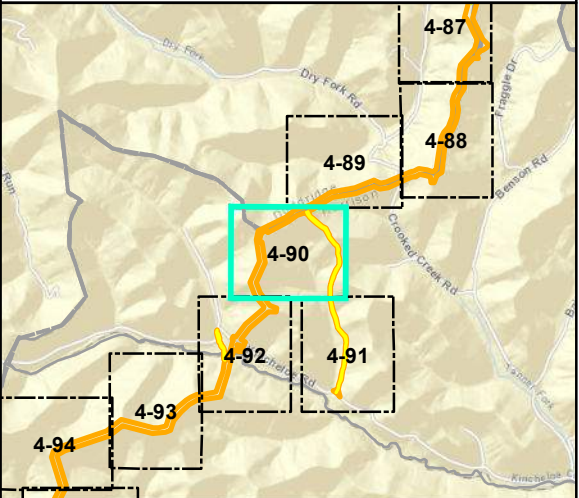
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

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 4-90
Doddridge/Harrison County, West Virginia

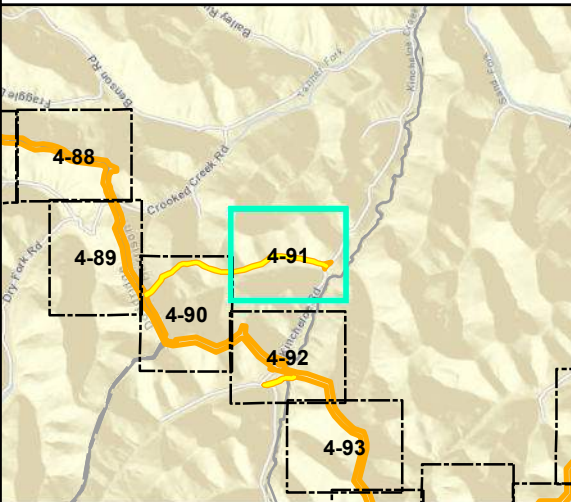
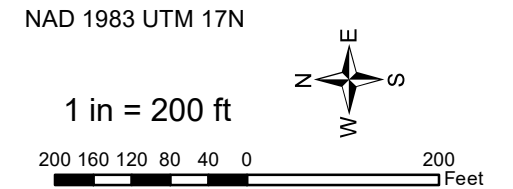
October 2022

Data Sources: WV GIS Technical Center Imagery Service 2019 and 2020
Note: Map insets are at a scale of 1 inch = 50 feet unless otherwise noted.



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

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



Mountain Valley Pipeline Project

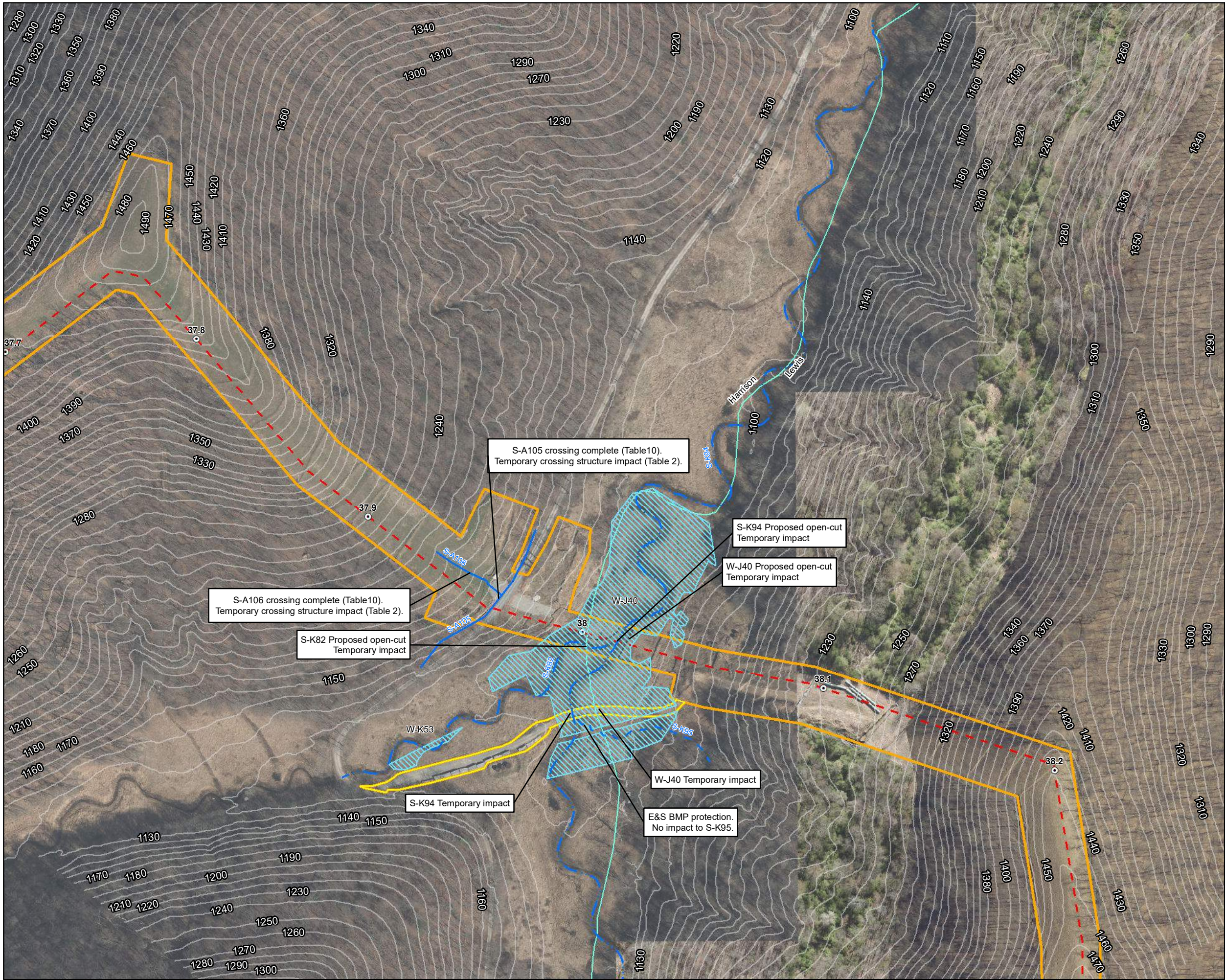


Detail Map Individual Permit Application

Figure 4-91
Harrison County, West Virginia

October 2022

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



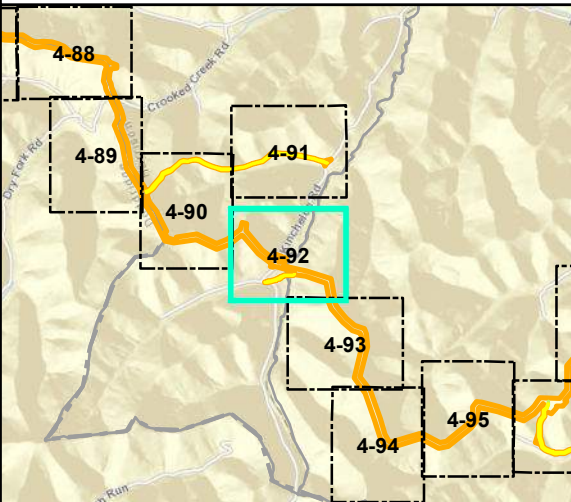
- Legend**
- | | |
|-----------------------------|--------------------------|
| ○ Milepost | Stream |
| --- Alignment Centerline | --- Intermittent |
| □ Access Road Temporary LOD | --- Perennial |
| □ Access Road Permanent LOD | --- Ephemeral |
| □ Permanent Facility | ▨ Pond |
| □ Limit of Disturbance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

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

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet



Mountain Valley Pipeline Project



Detail Map Individual Permit Application

Figure 4-92
Harrison County, West Virginia

October 2022

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