## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

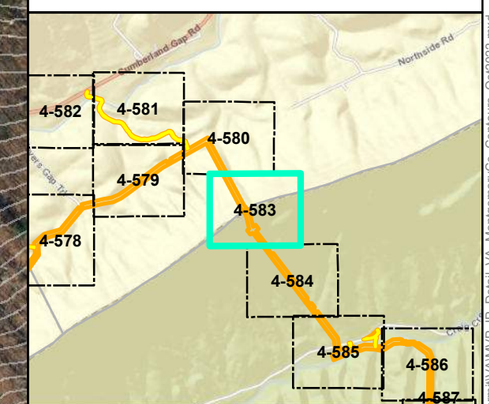
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

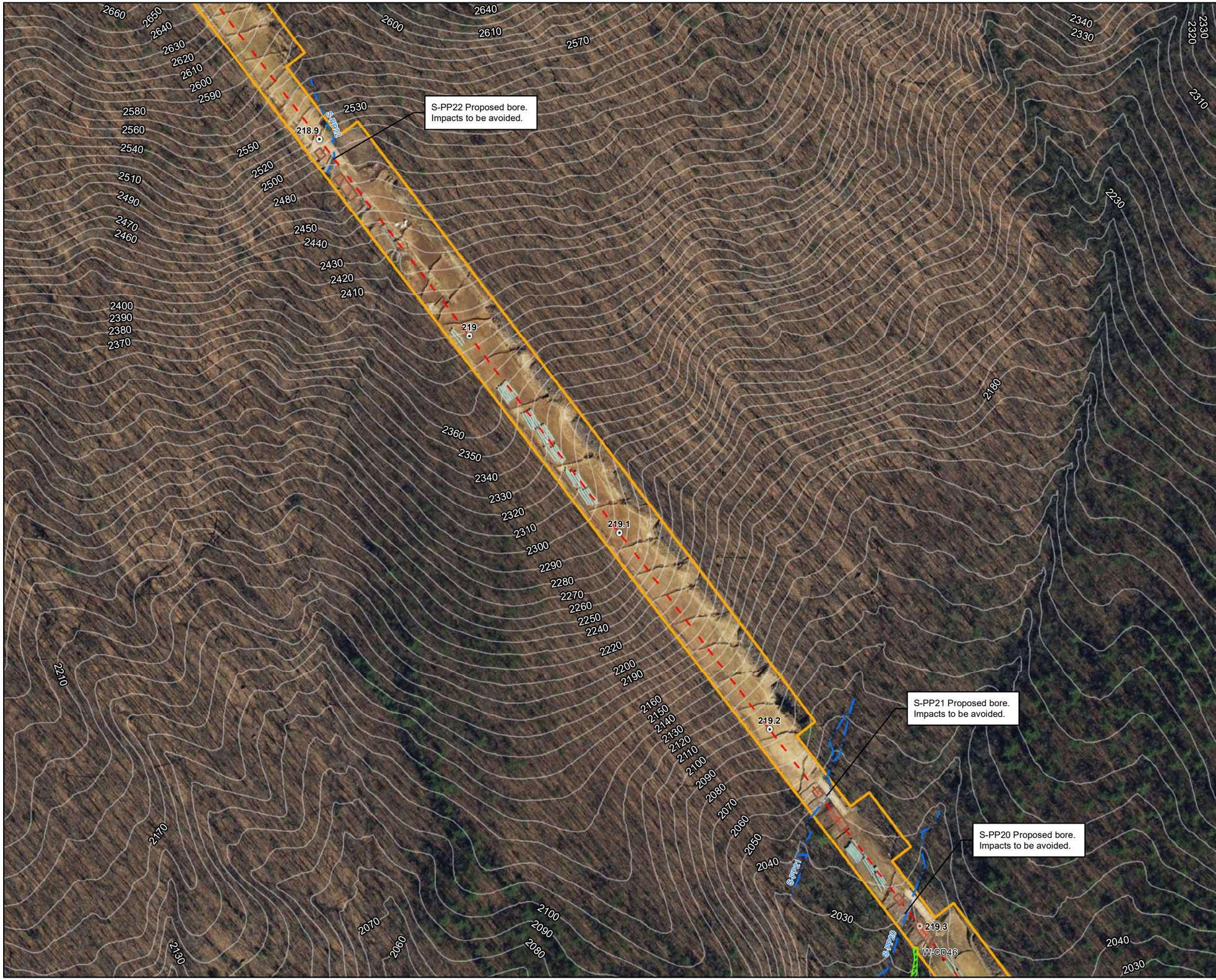
## Detail Map
## Individual Permit Application

Figure 4-583
*Craig/Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

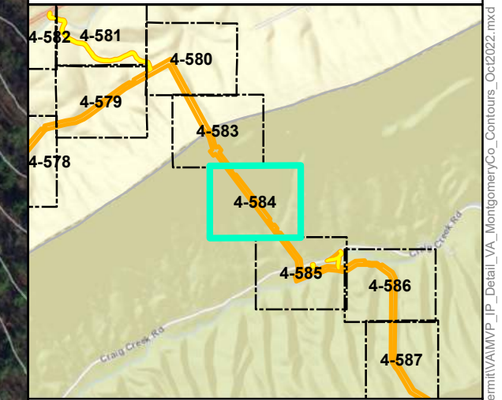
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




**Mountain Valley Pipeline Project**

Mountain Valley PIPELINE

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

Figure 4-584
*Montgomery County, Virginia*

November 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: PGH P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

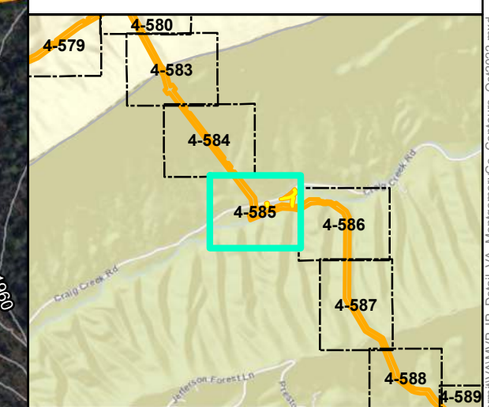
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

## Detail Map
## Individual Permit Application

Figure 4-585
*Montgomery County, Virginia*

November 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: PGH P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

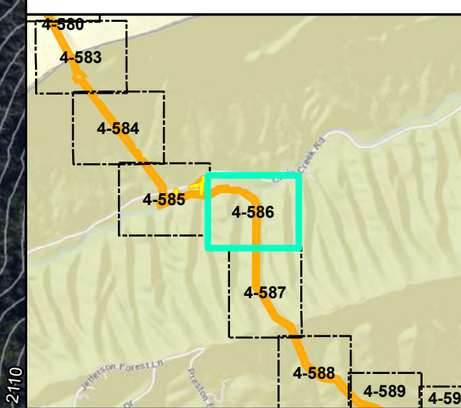
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

## Detail Map
## Individual Permit Application

Figure 4-586
*Montgomery County, Virginia*

November 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: PGH P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
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- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
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- Pond

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- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
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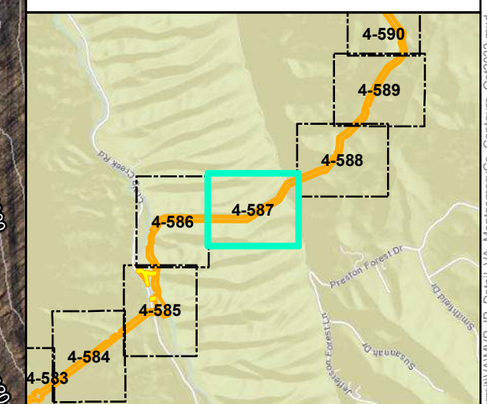
- Conversion
- Permanent Fill

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 4-587
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
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- Bore Pit
- Culvert

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Stream Impact
- Temporary
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Wetland Impact
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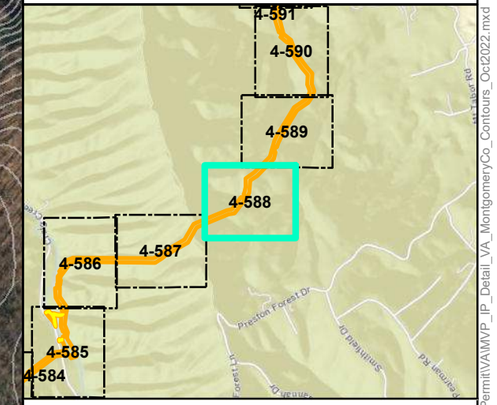
- Conversion
- Permanent Fill

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 4-588
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: PGH P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
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- Pond

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Stream Impact
- Temporary
- Permanent

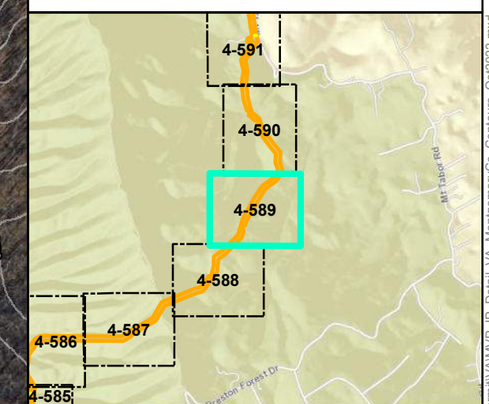
Wetland Impact
- Temporary
- Conversion
- Permanent Fill

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 4-589
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

S-EF62 Proposed open cut
Temporary Impact

S-EF65 Proposed open cut
Temporary Impact

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
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Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

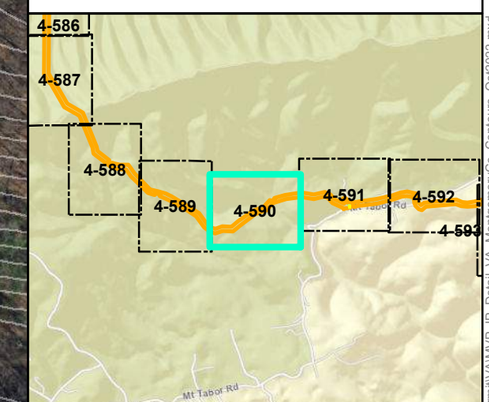
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

## Detail Map
## Individual Permit Application

Figure 4-590
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
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- Culvert

Stream
- Perennial
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- Pond

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Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

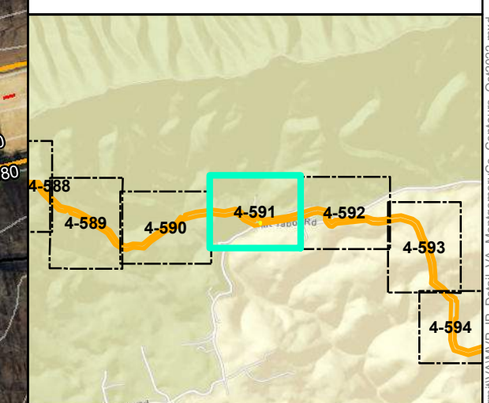
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

## Detail Map
## Individual Permit Application

Figure 4-591
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014, Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: PGH P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
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- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

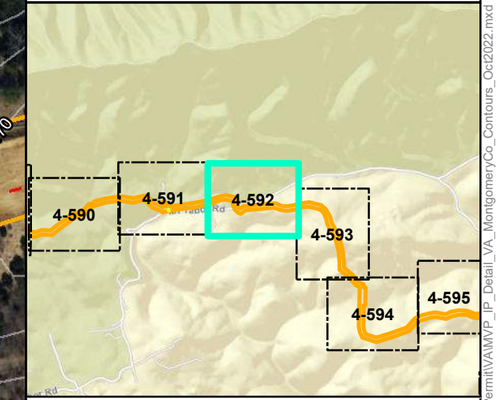
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

## Detail Map
## Individual Permit Application

Figure 4-592
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
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- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
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Stream Impact
- Temporary
- Permanent

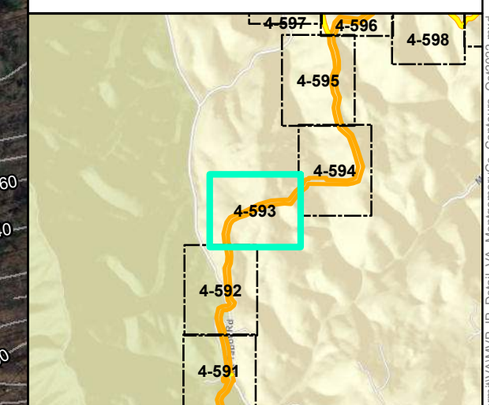
Wetland Impact
- Temporary
- Conversion
- Permanent Fill

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 4-593
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
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- Access Road Temporary LOD
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- Limit of Disturbance
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Stream
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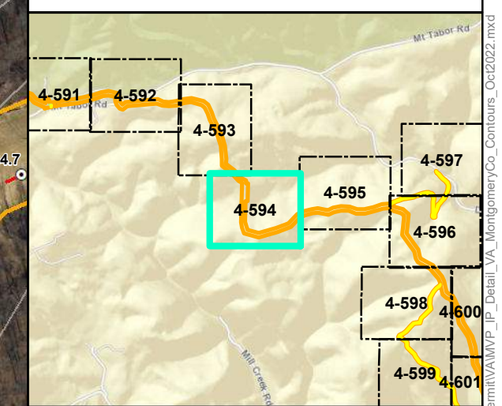
NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

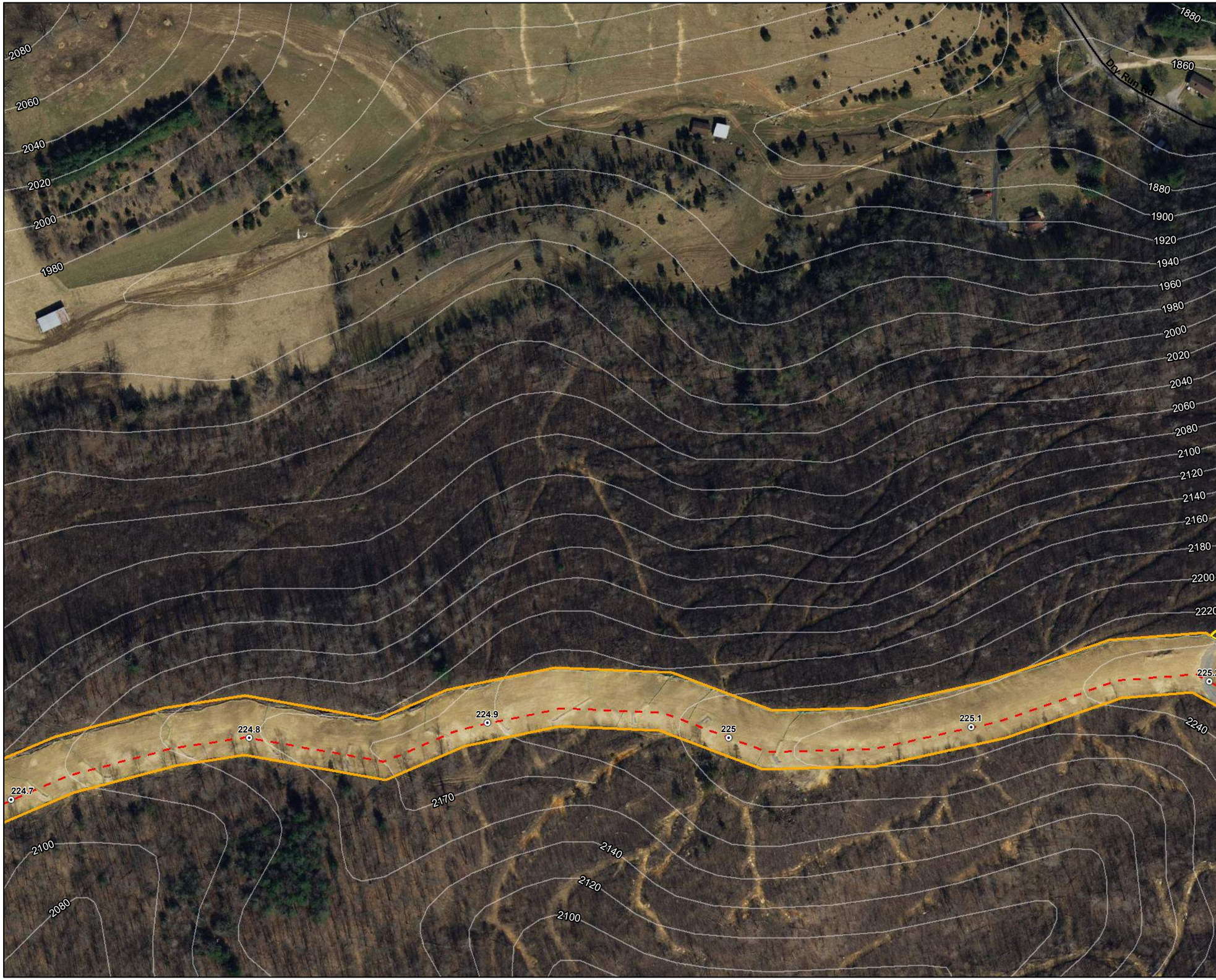
## Detail Map
## Individual Permit Application

Figure 4-594
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

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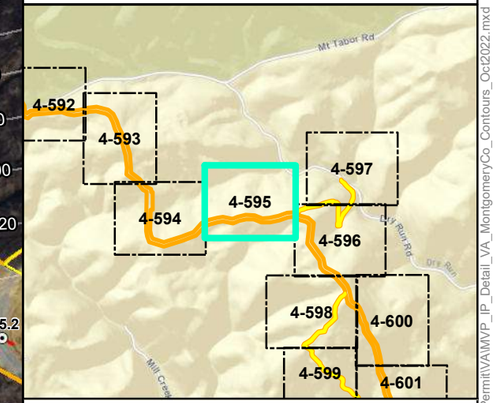
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

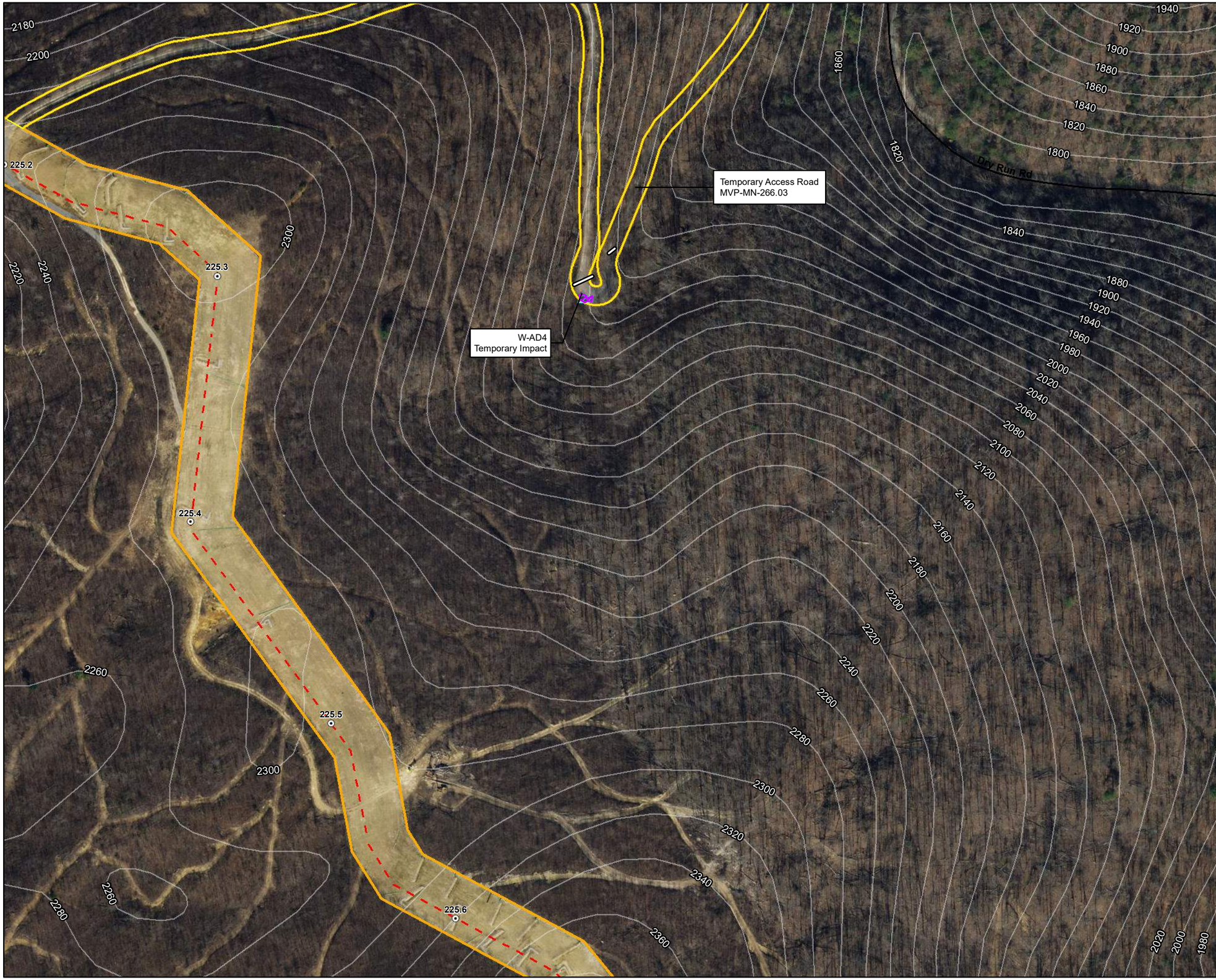
## Detail Map
## Individual Permit Application

Figure 4-595
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: PGH P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

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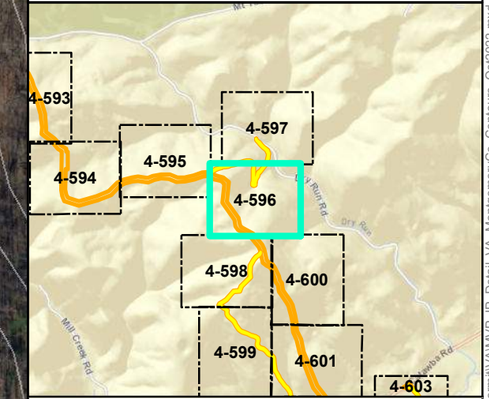
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

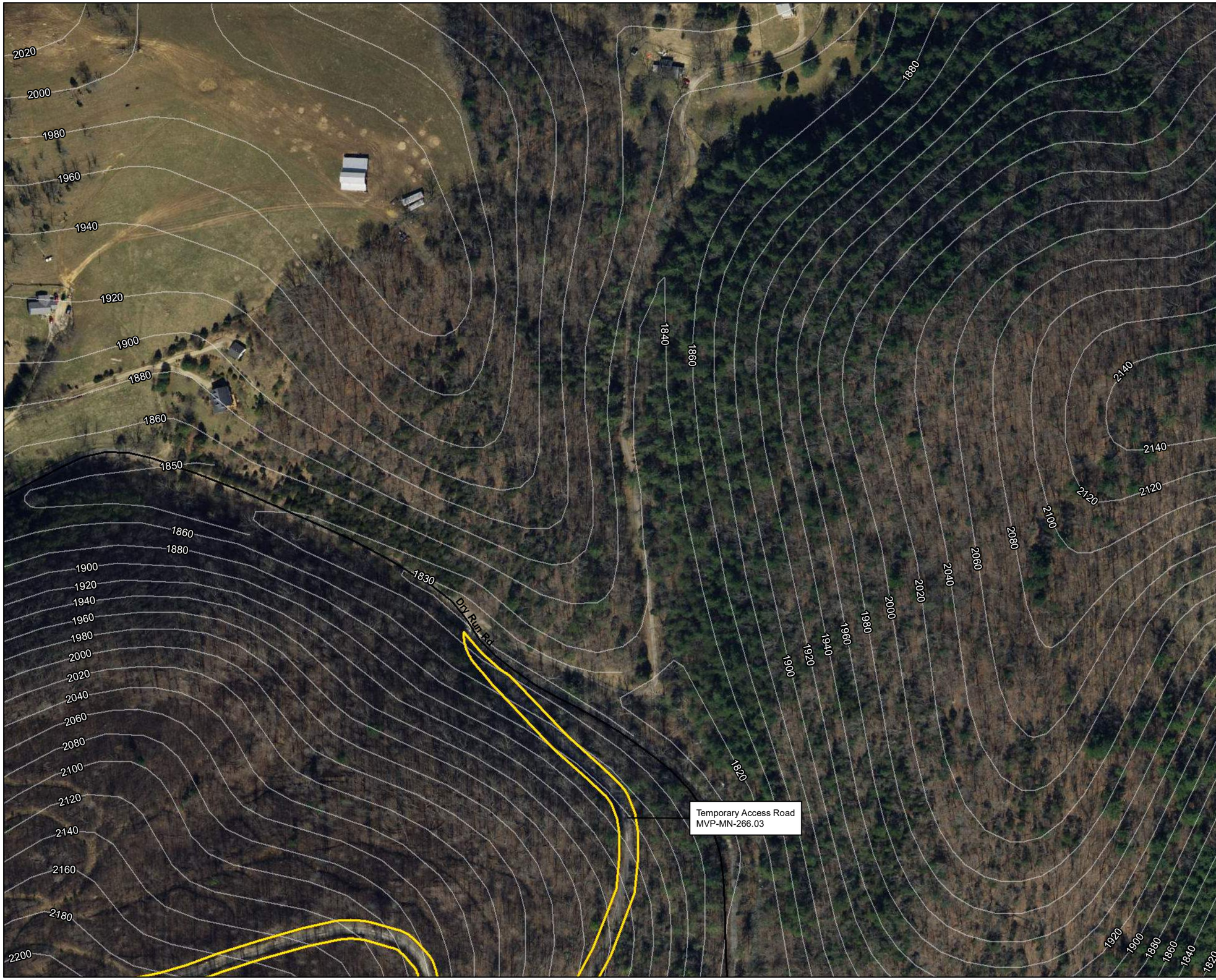
## Detail Map
## Individual Permit Application

Figure 4-596
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
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- Permanent Facility
- Limit of Disturbance
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- Culvert

Stream
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Stream Impact
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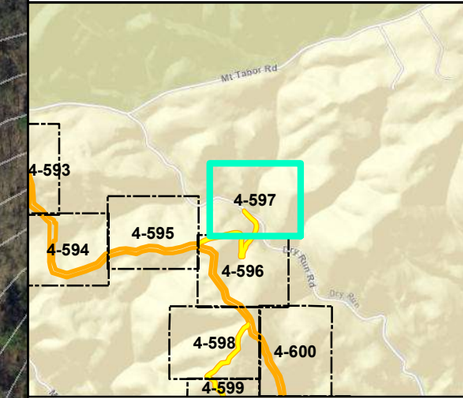
NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

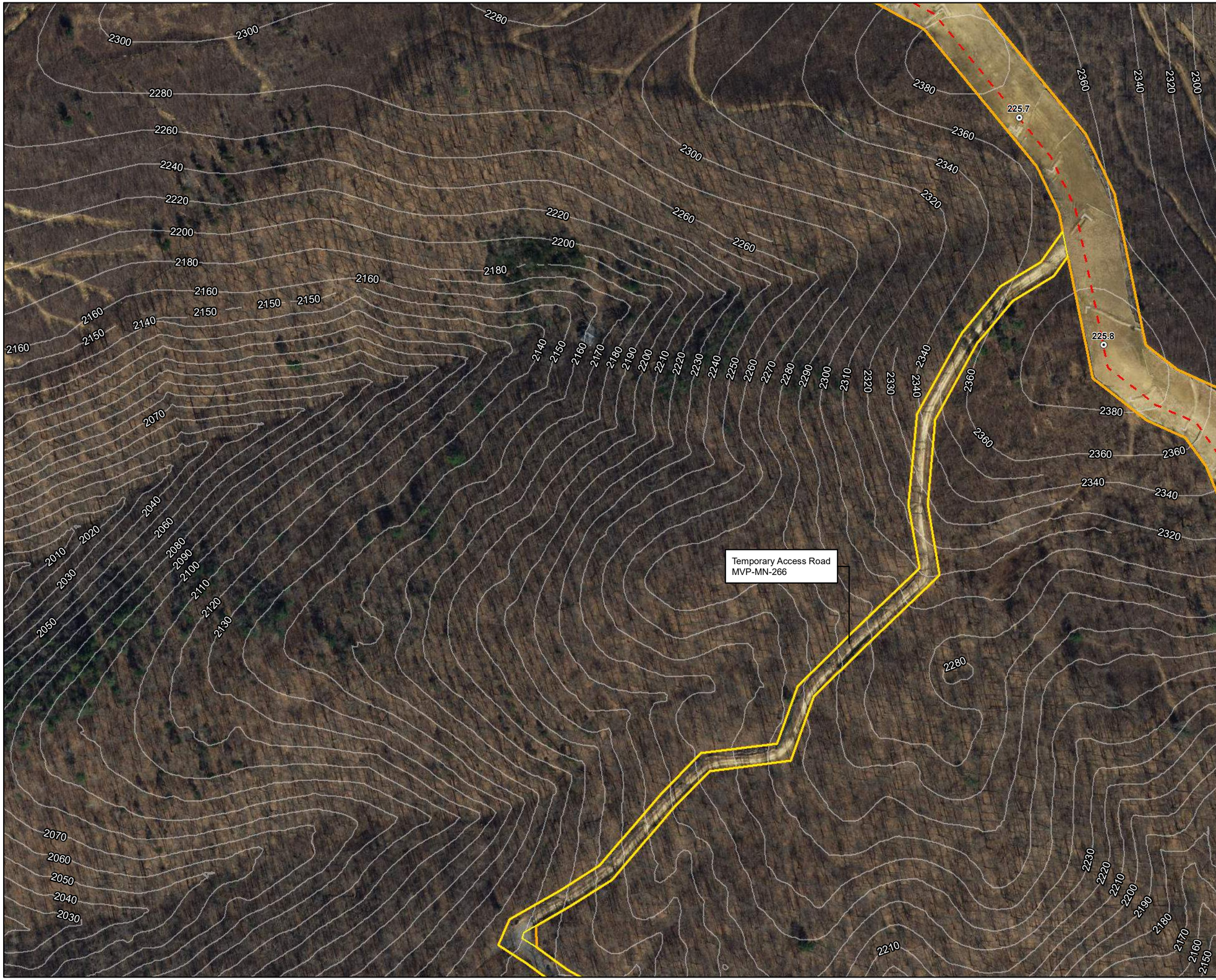
## Detail Map
## Individual Permit Application

Figure 4-597
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

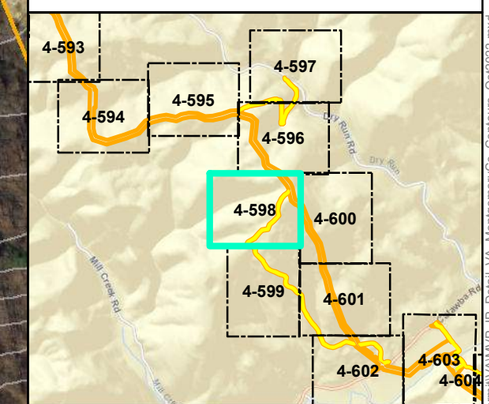
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

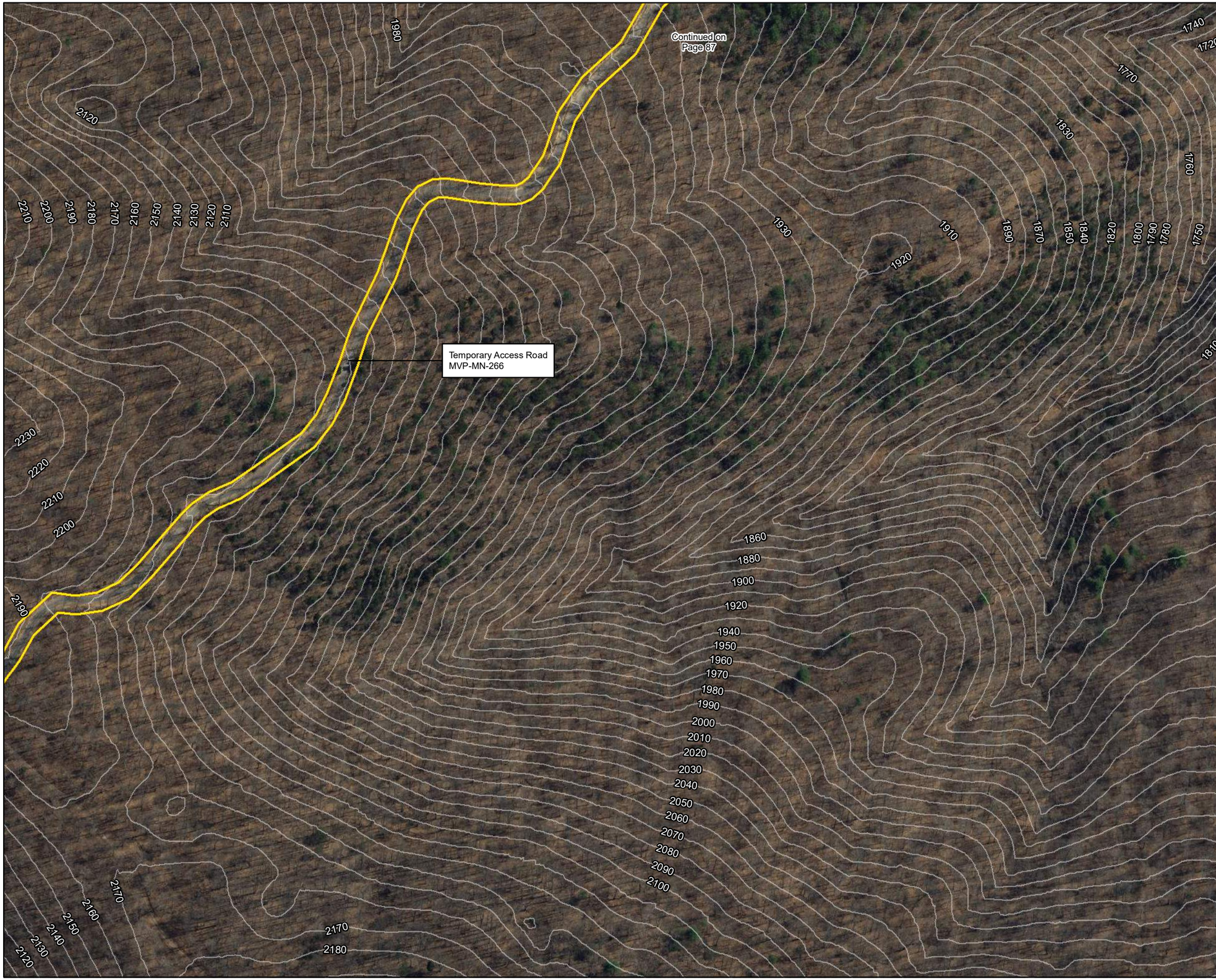
## Detail Map
## Individual Permit Application

Figure 4-598
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

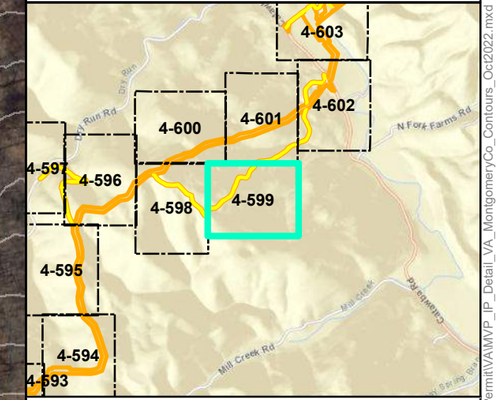
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N E S W




**Mountain Valley Pipeline Project**

Mountain Valley PIPELINE

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

Figure 4-599
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

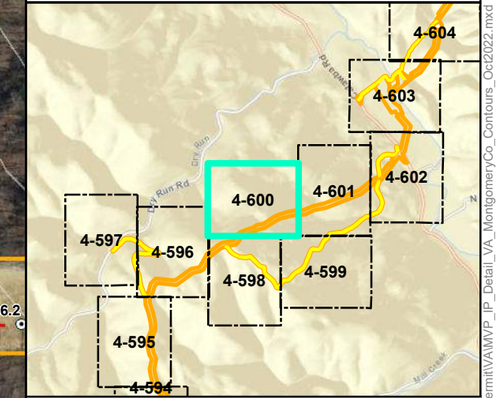
Wetland Impact
- Temporary
- Conversion
- Permanent Fill

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

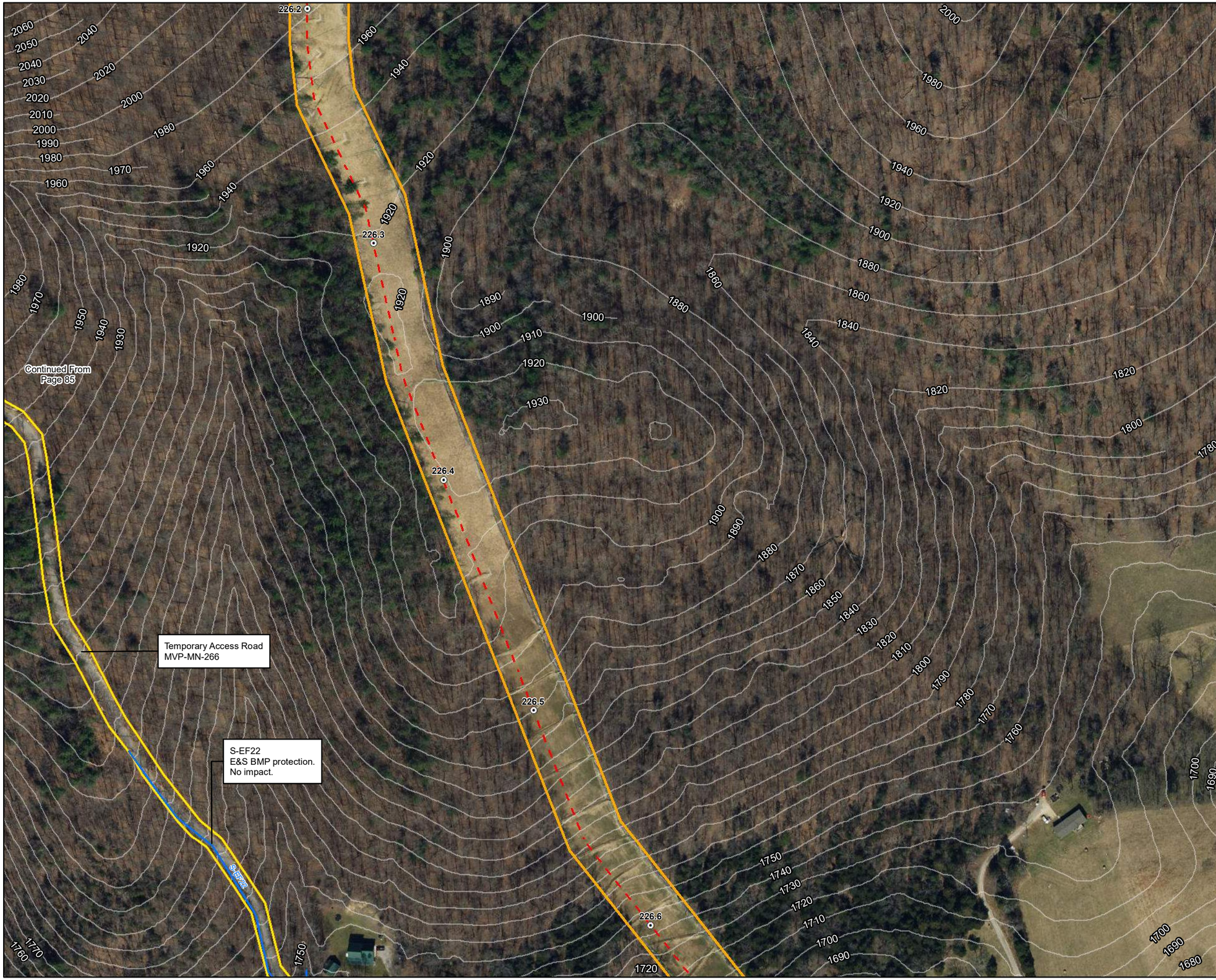
## Detail Map
## Individual Permit Application

Figure 4-600
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
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- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

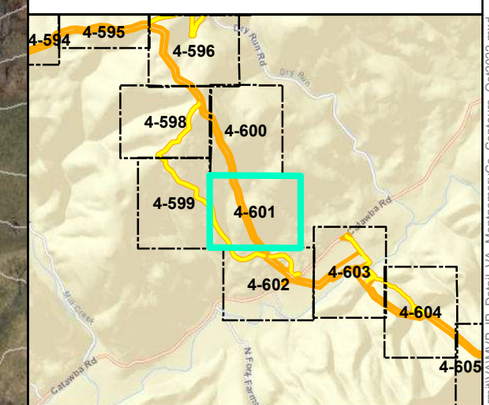
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

## Detail Map
## Individual Permit Application

Figure 4-601
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: PGH P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

S-EF21
Existing culvert.
No Impact.

S-EF22
E&S BMP protection.
No impact.

Temporary Access Road
MVP-MN-266

Temporary Access Road
MVP-MN-266

226.7

226.8

226.9

Catawba Rd

S-E48

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

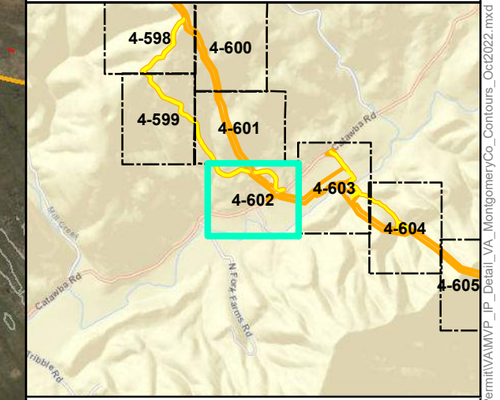
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

## Detail Map
## Individual Permit Application

Figure 4-602
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

S-G36
Temporary stream crossing structure to be placed at existing crossing during construction. May include temporary in-stream work. Temporary impact

W-NN7
E&S BMP Protection. No Impact.

S-NN8b
E&S BMP Protection. No Impact.

S-G38 crossing complete (Table 10). Temporary crossing structure impact (Table 2).

S-G36 crossing complete (Table 10).

Permanent Access Road MVP-MN-268

W-NN6 crossing complete (Table 10). Temporary crossing structure impact (Table 3).

Calewise Rd

## Legend

- Milepost
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- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
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- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

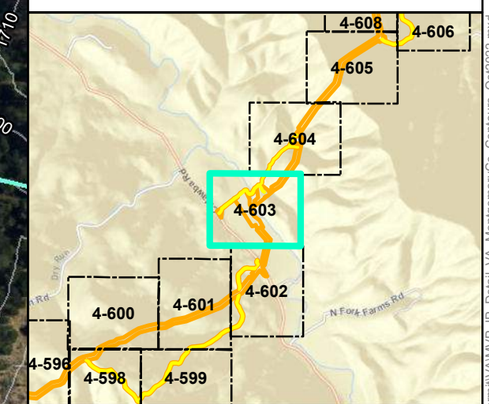
Wetland Impact
- Temporary
- Conversion
- Permanent Fill

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

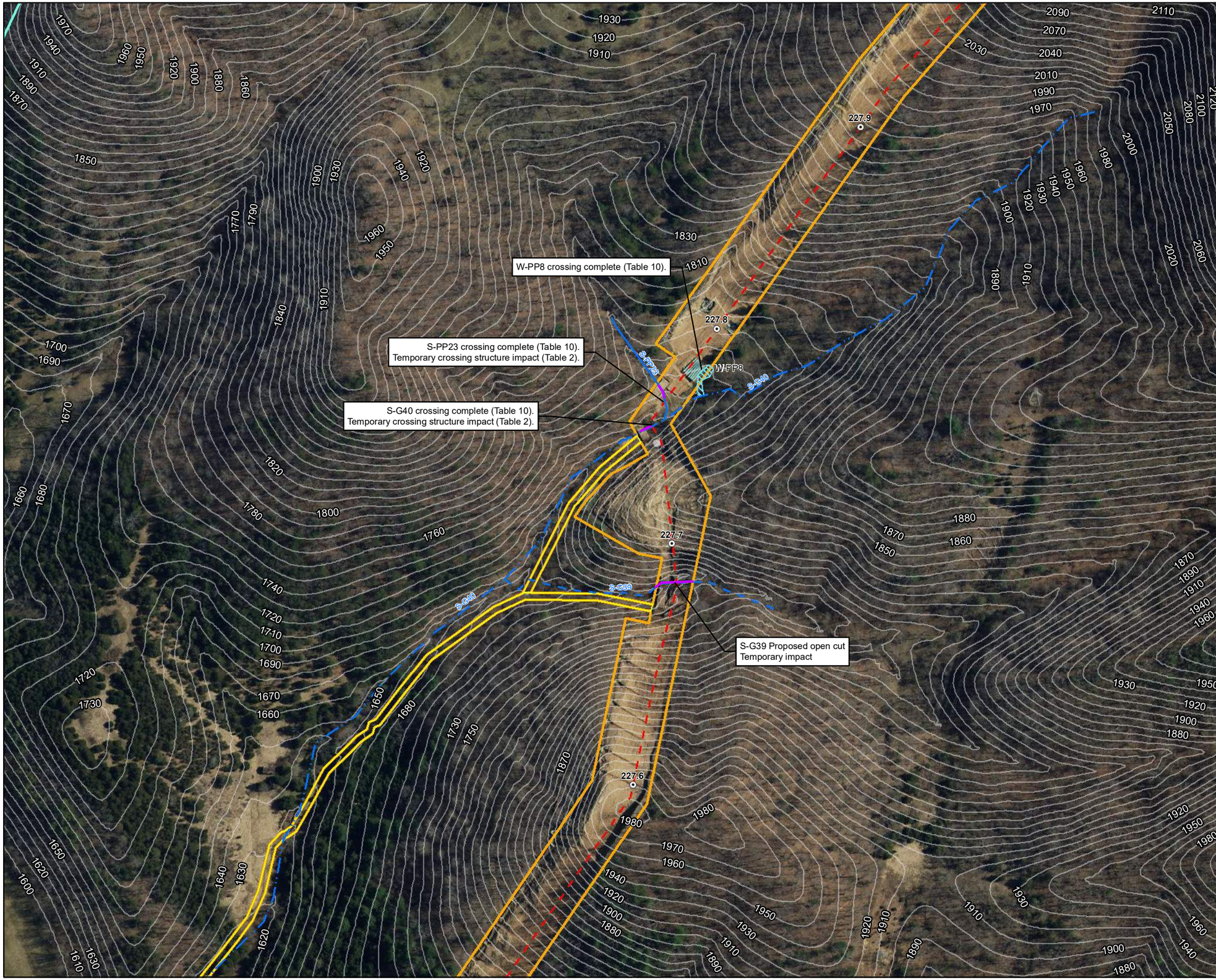
## Detail Map
## Individual Permit Application

Figure 4-603
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
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- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

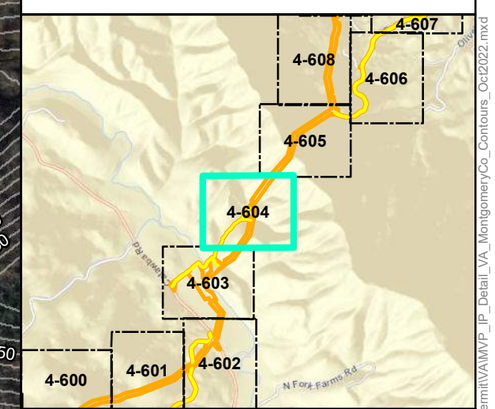
Wetland Impact
- Temporary
- Conversion
- Permanent Fill

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 4-604
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

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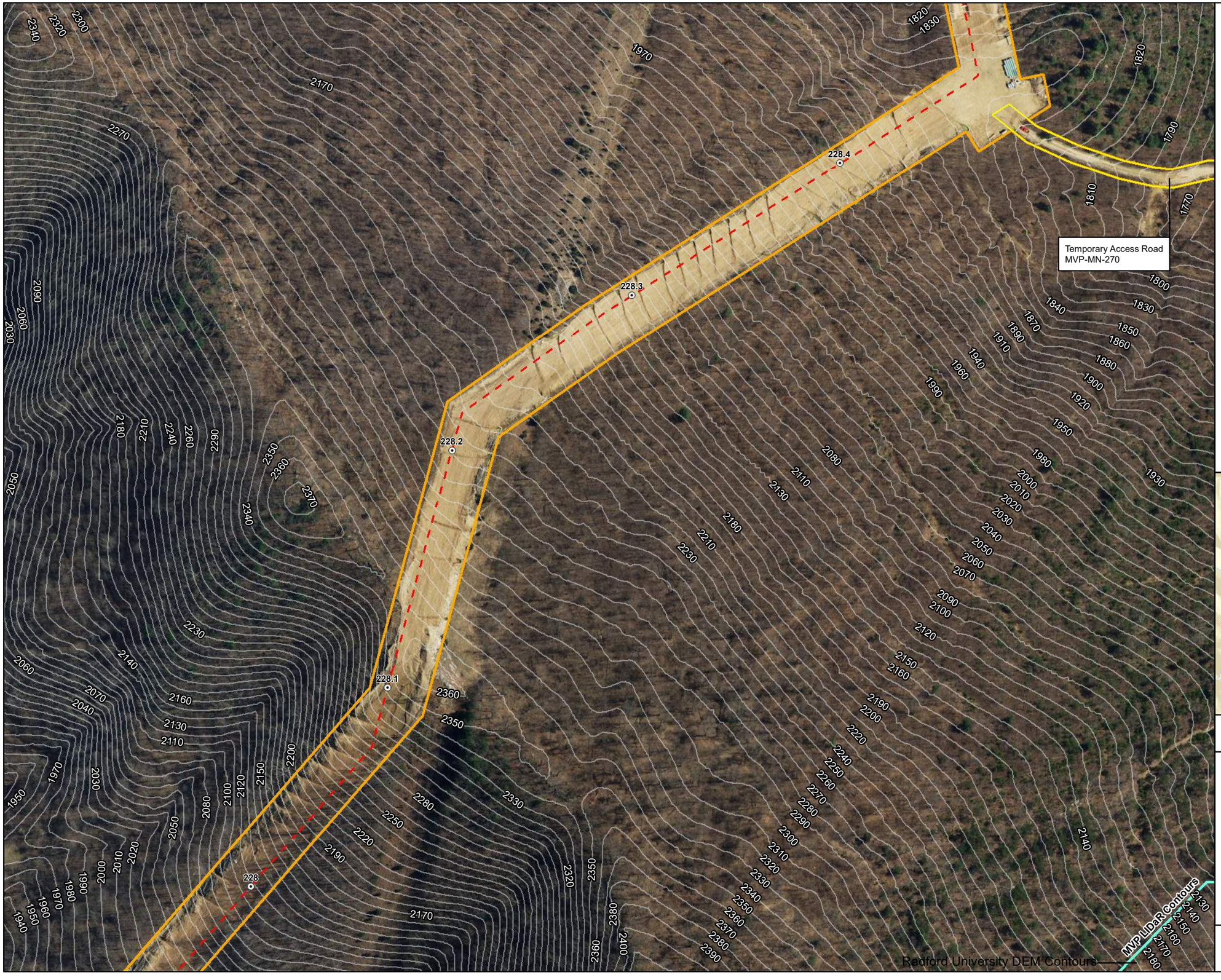



## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

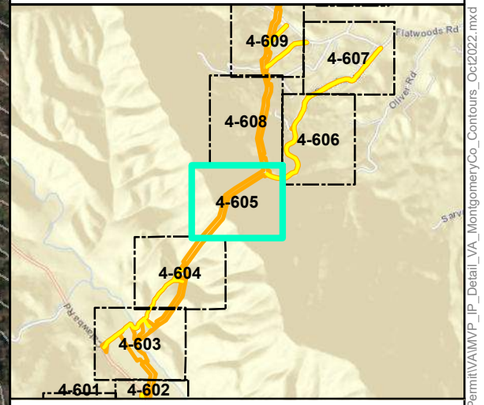
Wetland Impact
- Temporary
- Conversion
- Permanent Fill

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 4-605
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

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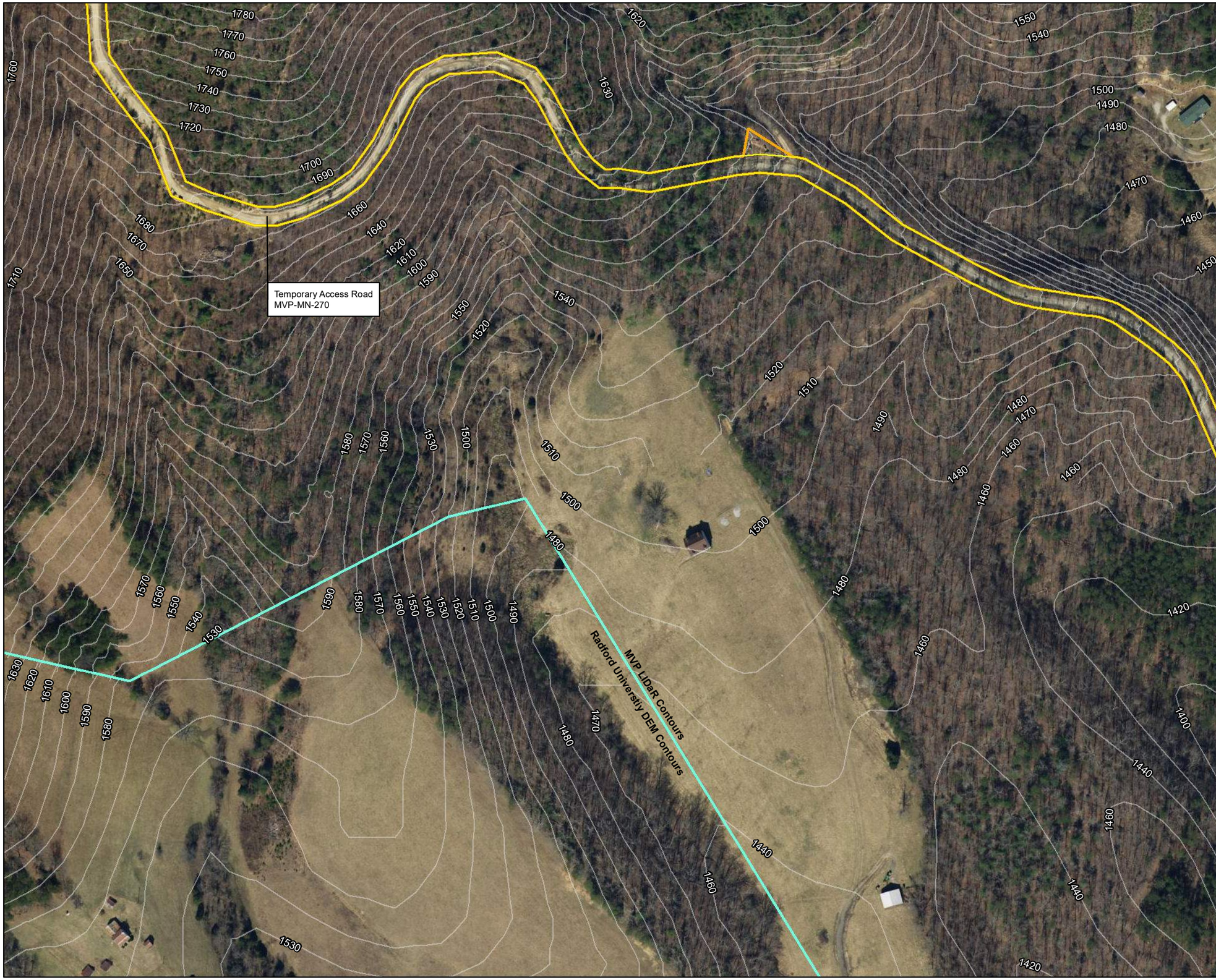



## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

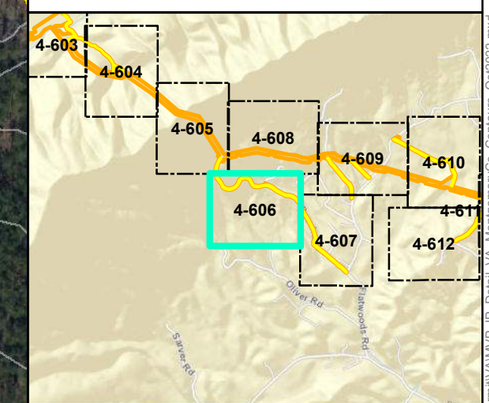
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




**Mountain Valley Pipeline Project**

Mountain Valley PIPELINE

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

Figure 4-606
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

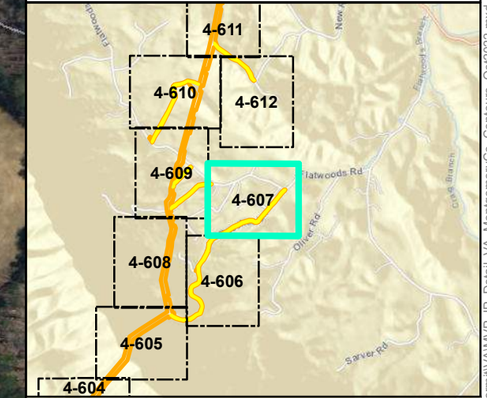
Wetland Impact
- Temporary
- Conversion
- Permanent Fill

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

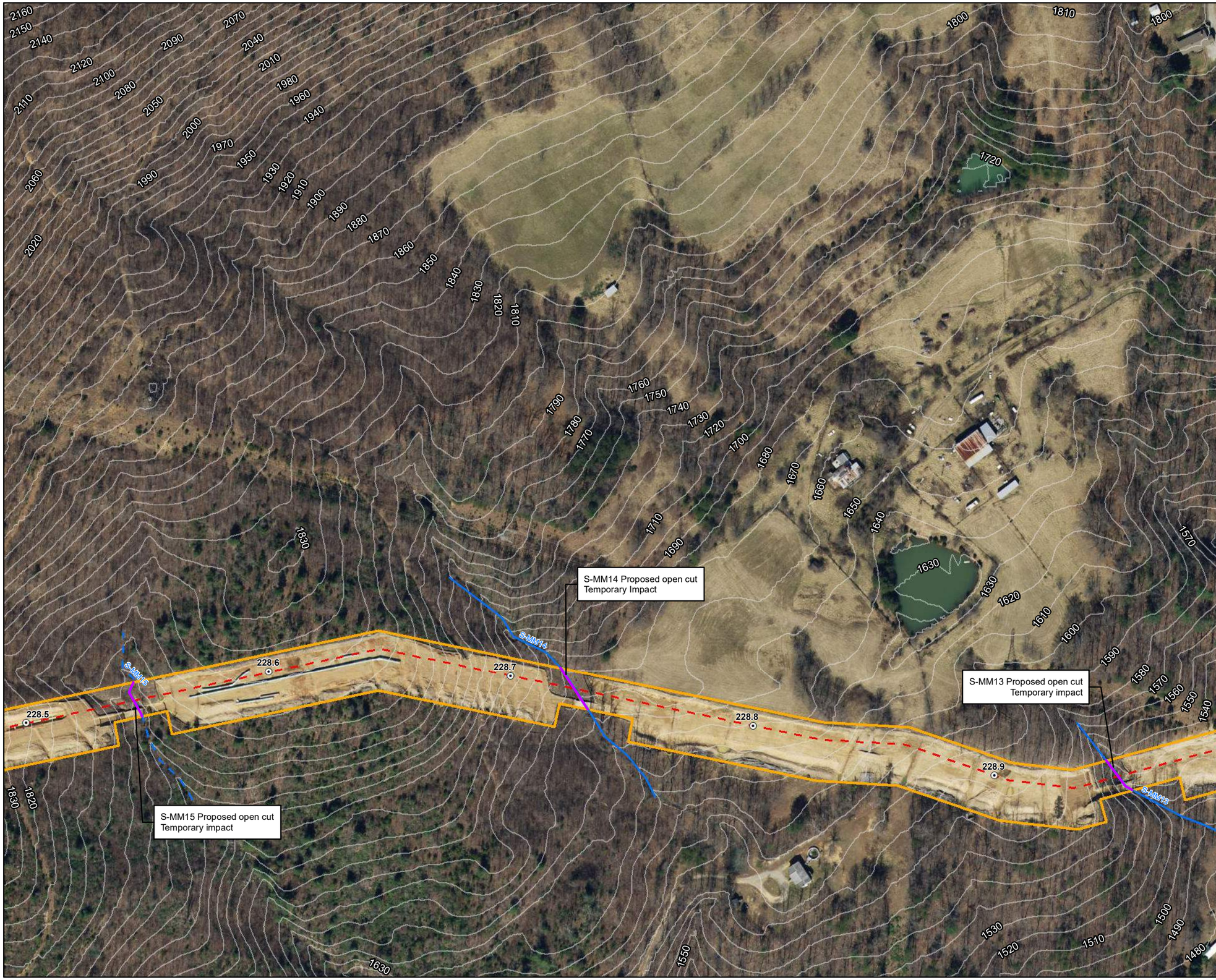
## Detail Map
## Individual Permit Application

Figure 4-607
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
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- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

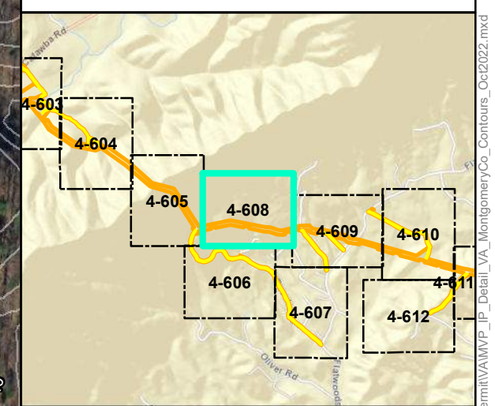
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

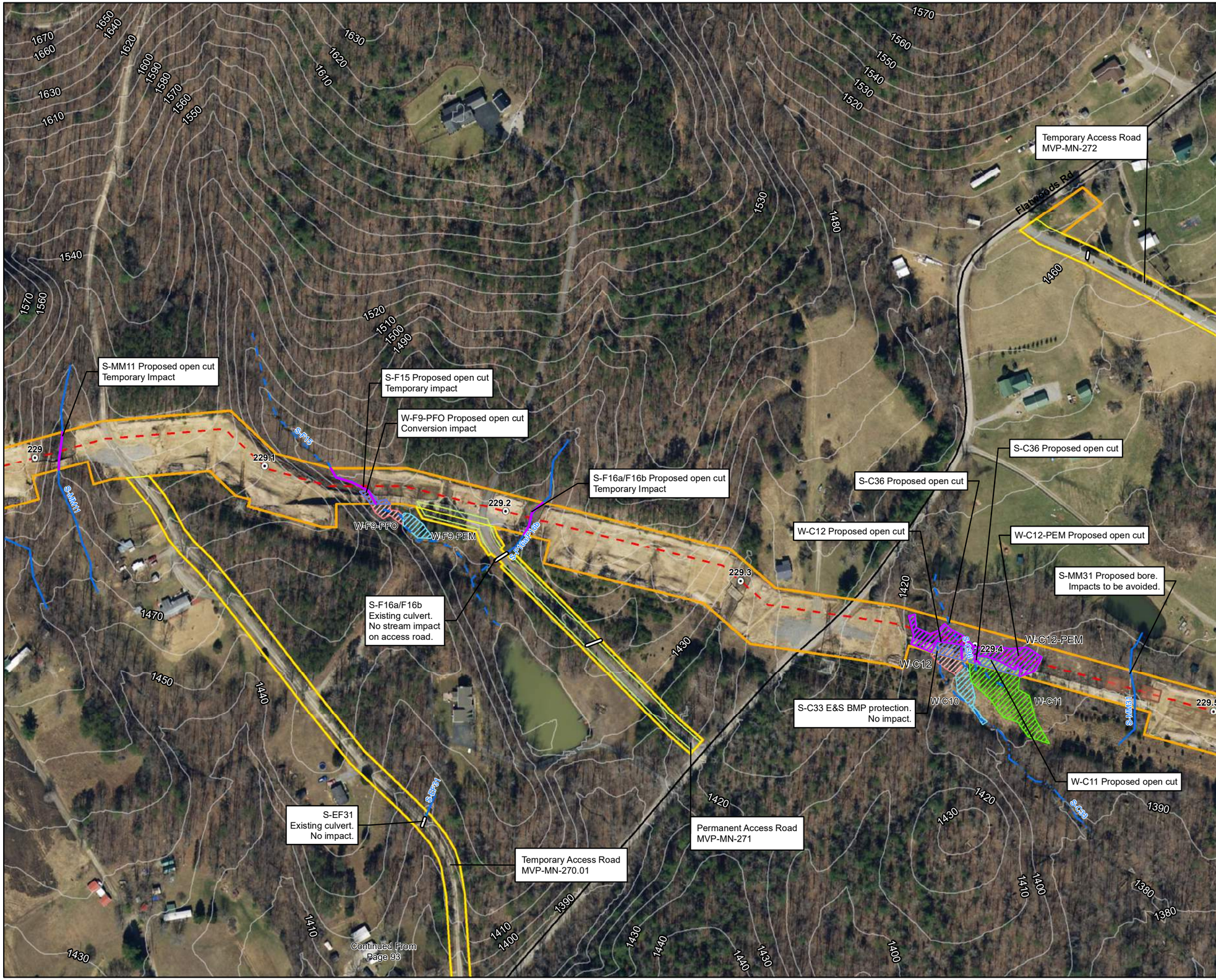
## Detail Map
## Individual Permit Application

Figure 4-608
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
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- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

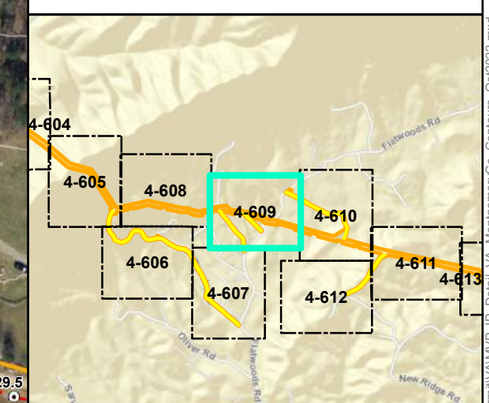
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

## Detail Map
## Individual Permit Application

Figure 4-609
*Montgomery County, Virginia*

November 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

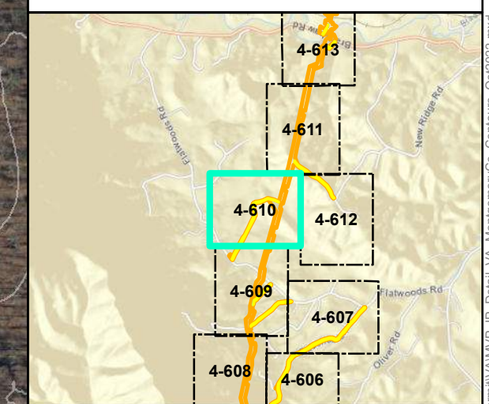
Wetland Impact
- Temporary
- Conversion
- Permanent Fill

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 4-610
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

S-C25 Proposed open cut Temporary Impact

S-C24 Proposed open cut Temporary Impact

Temporary Access Road MVP-MN-273

229.9

230

230.1

230.2

230.3

230.4

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream

- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland

- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact

- Temporary
- Permanent

Wetland Impact

- Temporary
- Conversion
- Permanent Fill

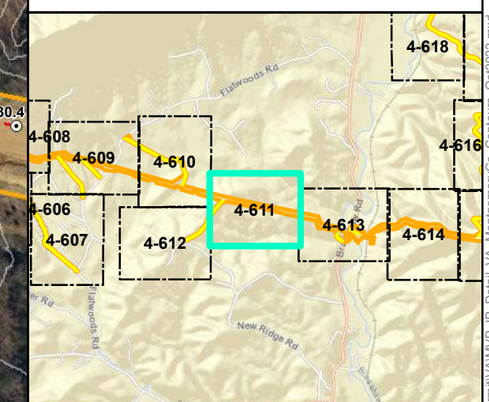
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

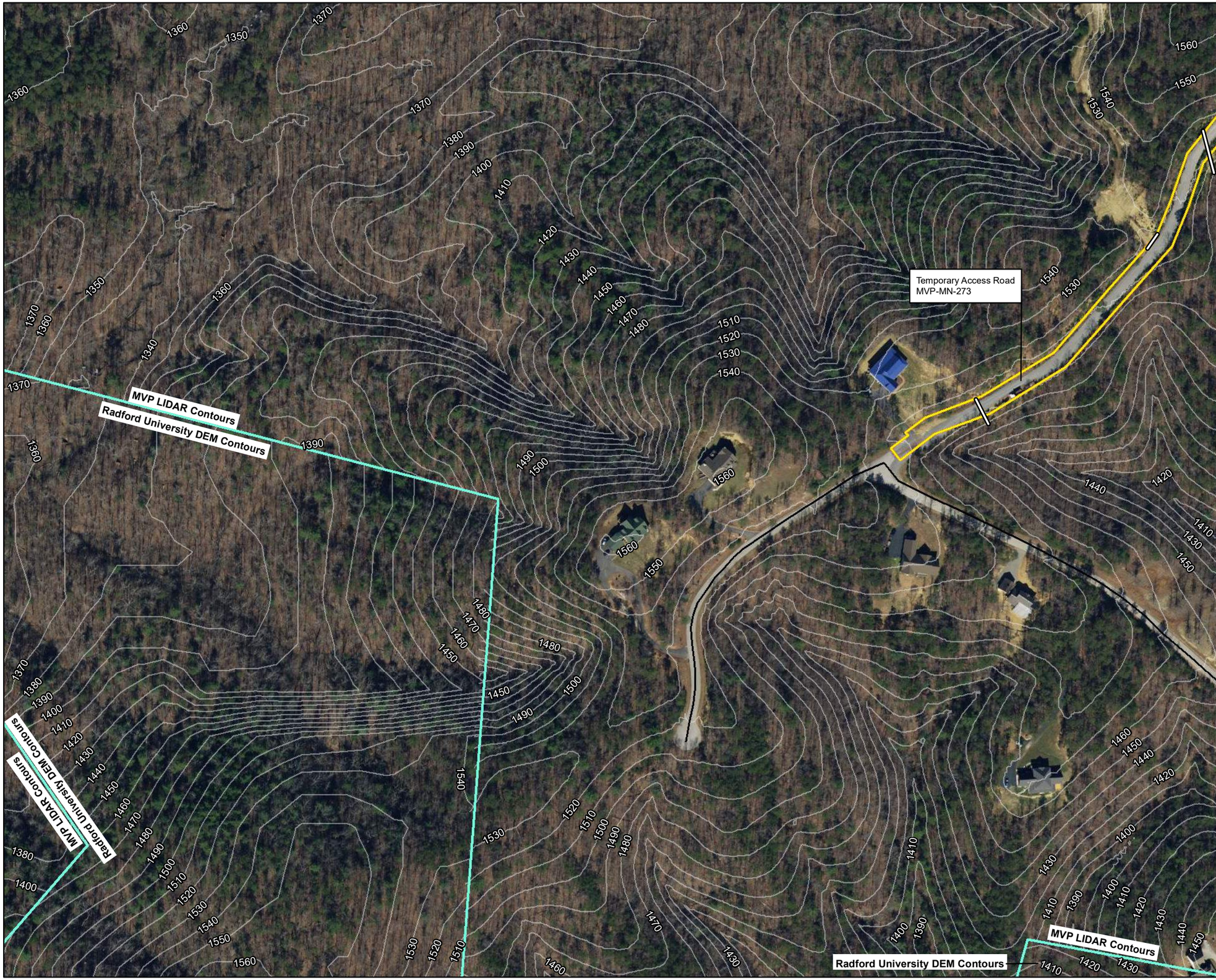
## Detail Map
## Individual Permit Application

Figure 4-611
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

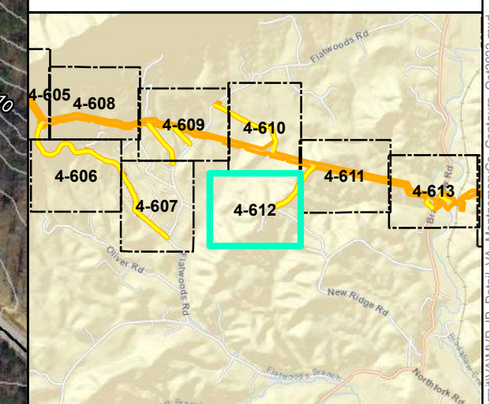
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

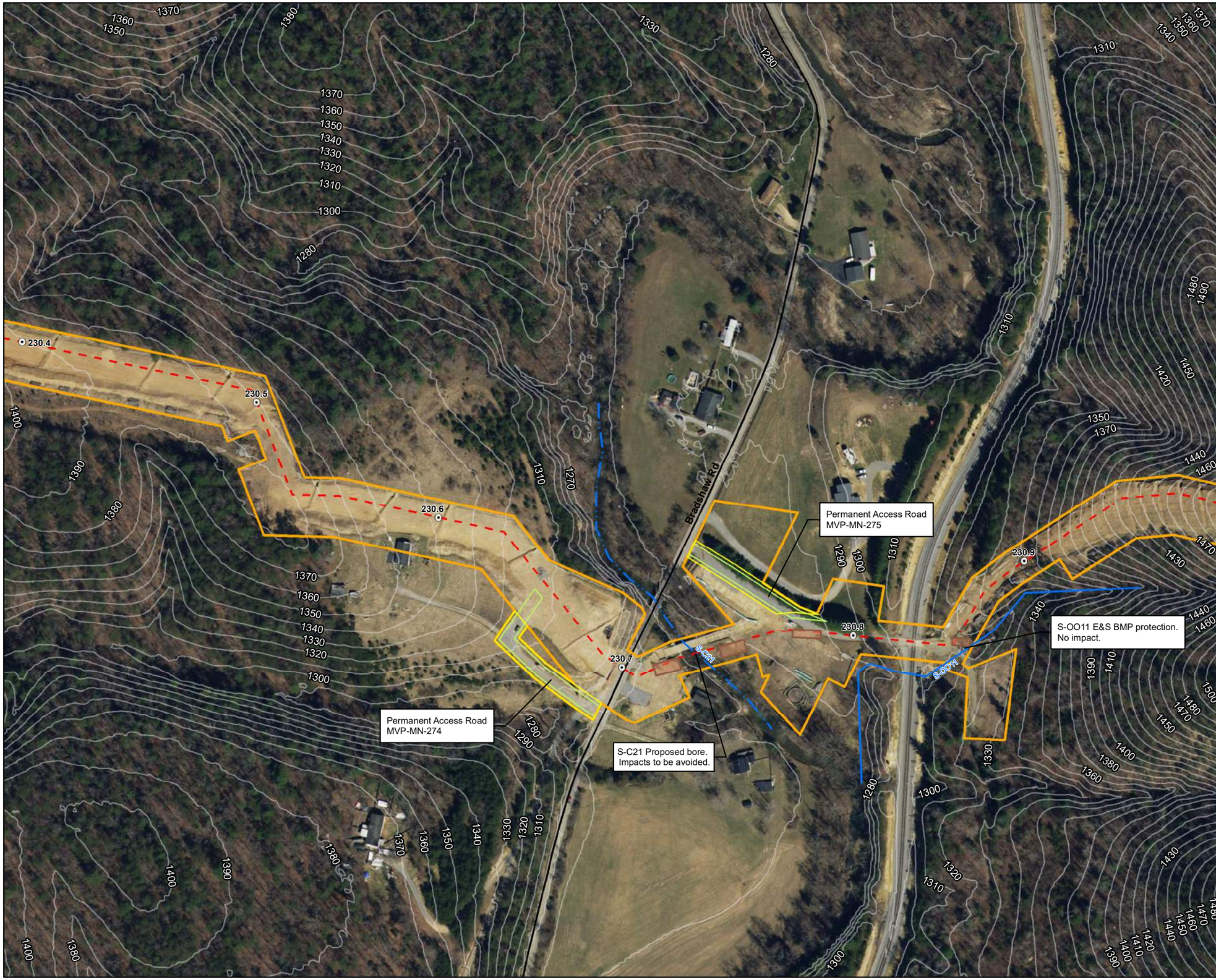
## Detail Map
## Individual Permit Application

Figure 4-612
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

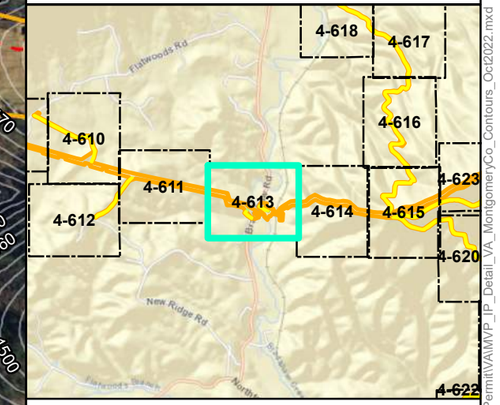
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

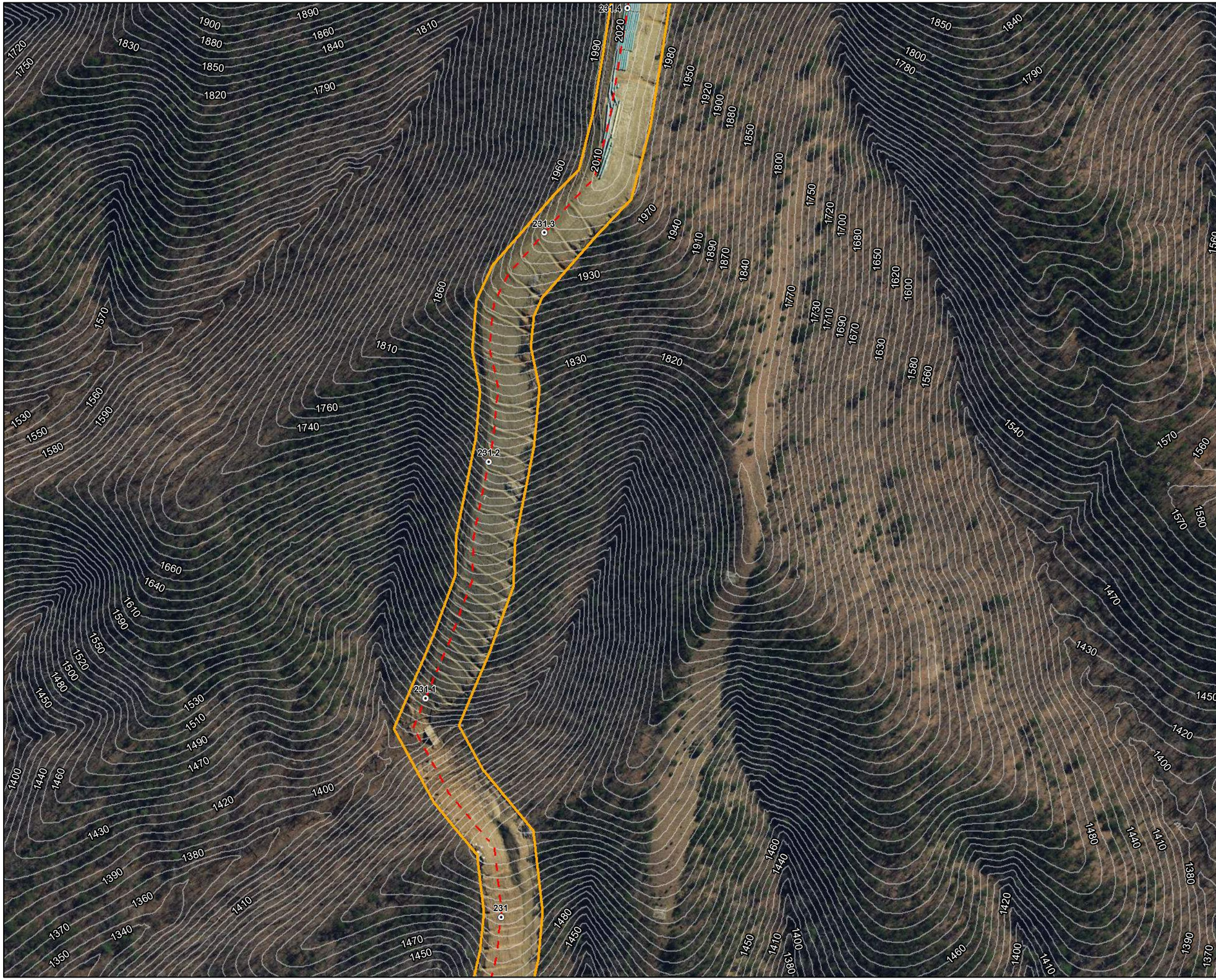
## Detail Map
## Individual Permit Application

Figure 4-613
*Montgomery County, Virginia*

November 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: PGH P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

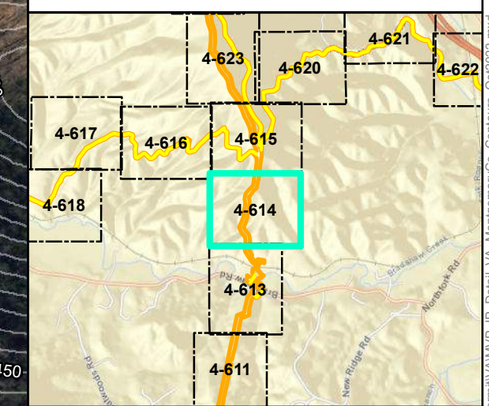
Wetland Impact
- Temporary
- Conversion
- Permanent Fill

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

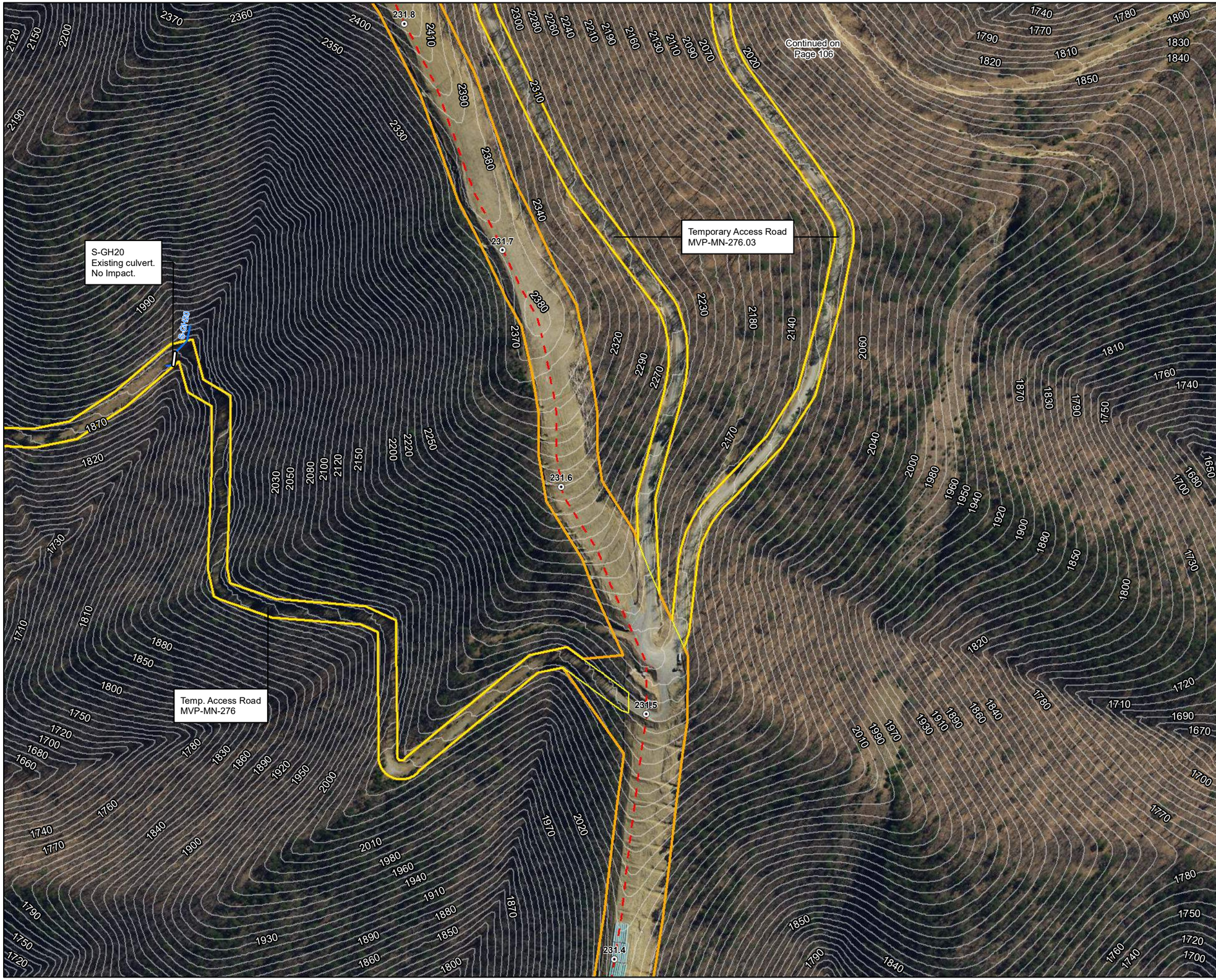
## Detail Map
## Individual Permit Application

Figure 4-614
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

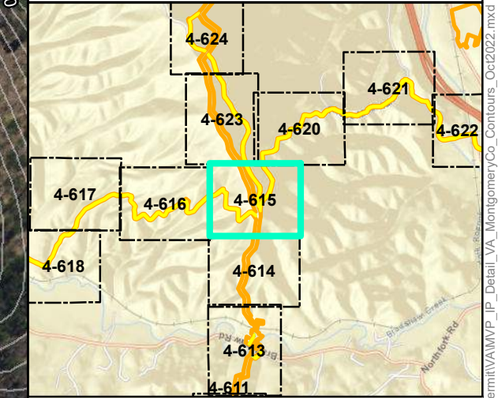
Wetland Impact
- Temporary
- Conversion
- Permanent Fill

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 4-615
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

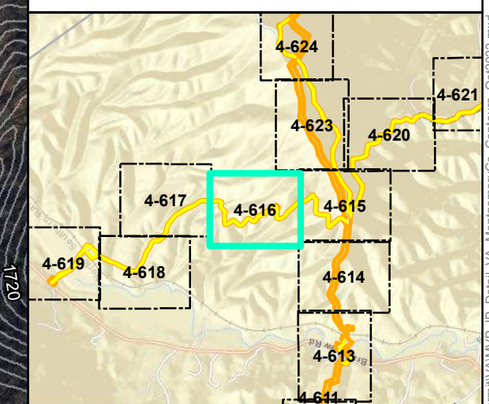
Wetland Impact
- Temporary
- Conversion
- Permanent Fill

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 4-616
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

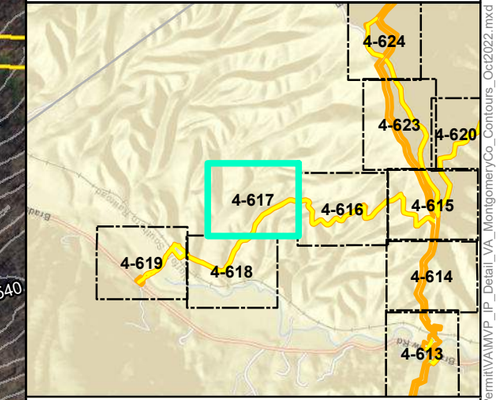
Wetland Impact
- Temporary
- Conversion
- Permanent Fill

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

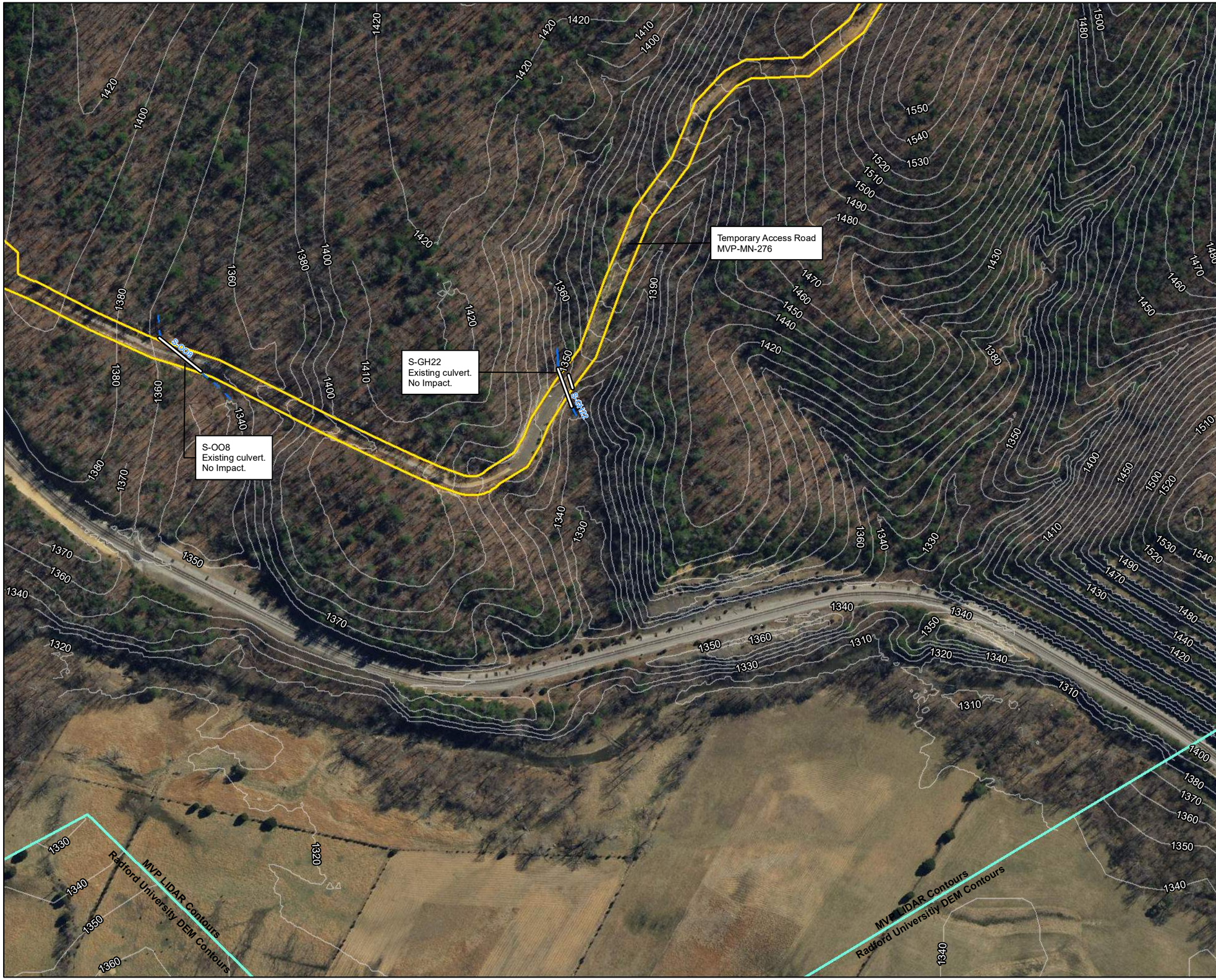
## Detail Map
## Individual Permit Application

Figure 4-617
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

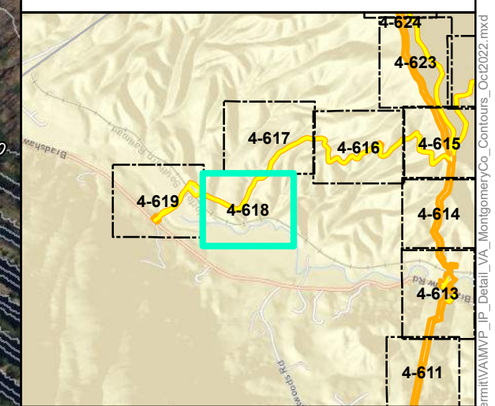
Wetland Impact
- Temporary
- Conversion
- Permanent Fill

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 4-618
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

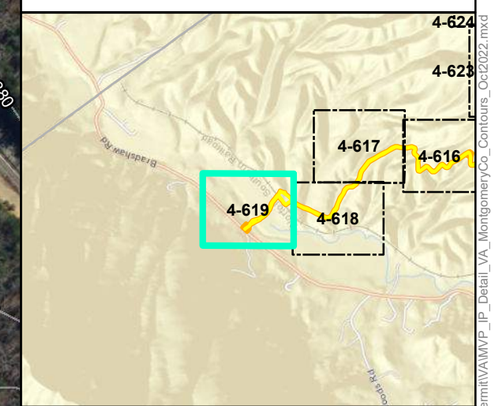
Wetland Impact
- Temporary
- Conversion
- Permanent Fill

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 4-619
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

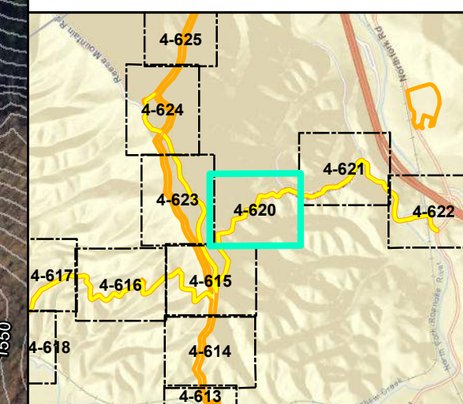
Wetland Impact
- Temporary
- Conversion
- Permanent Fill

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 4-620
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

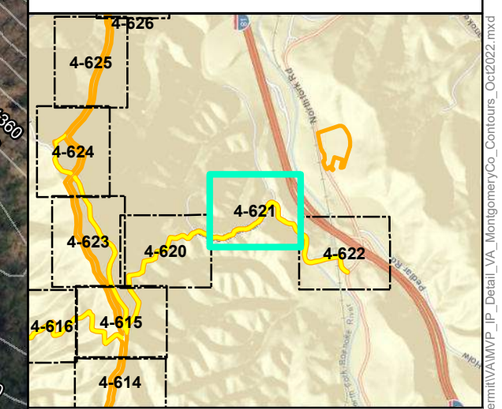
Wetland Impact
- Temporary
- Conversion
- Permanent Fill

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

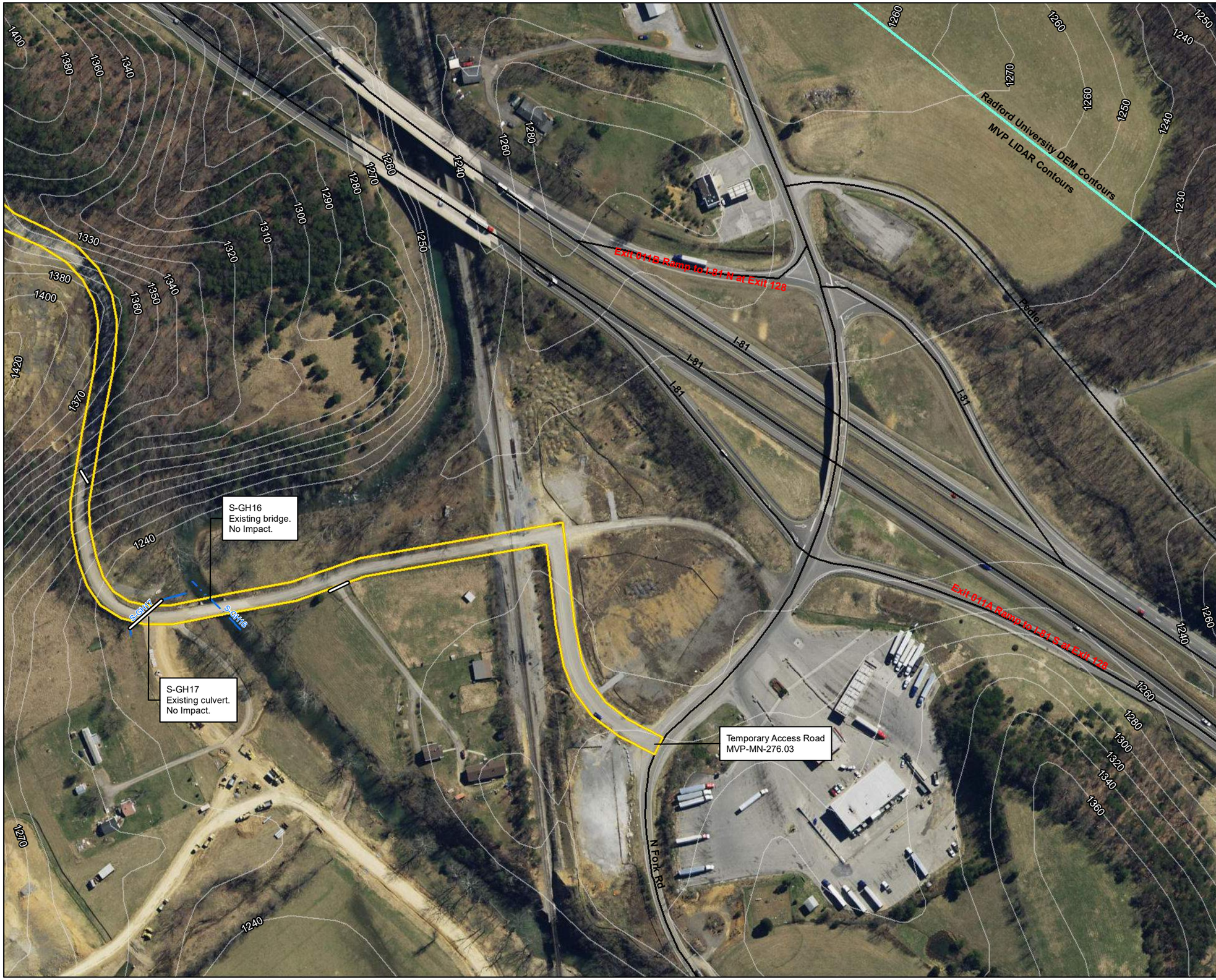
## Detail Map
## Individual Permit Application

Figure 4-621
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

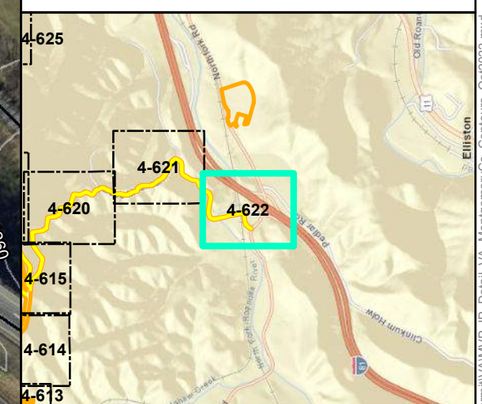
Wetland Impact
- Temporary
- Conversion
- Permanent Fill

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 4-622
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

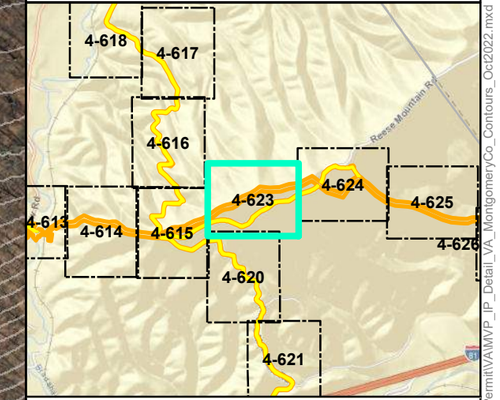
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

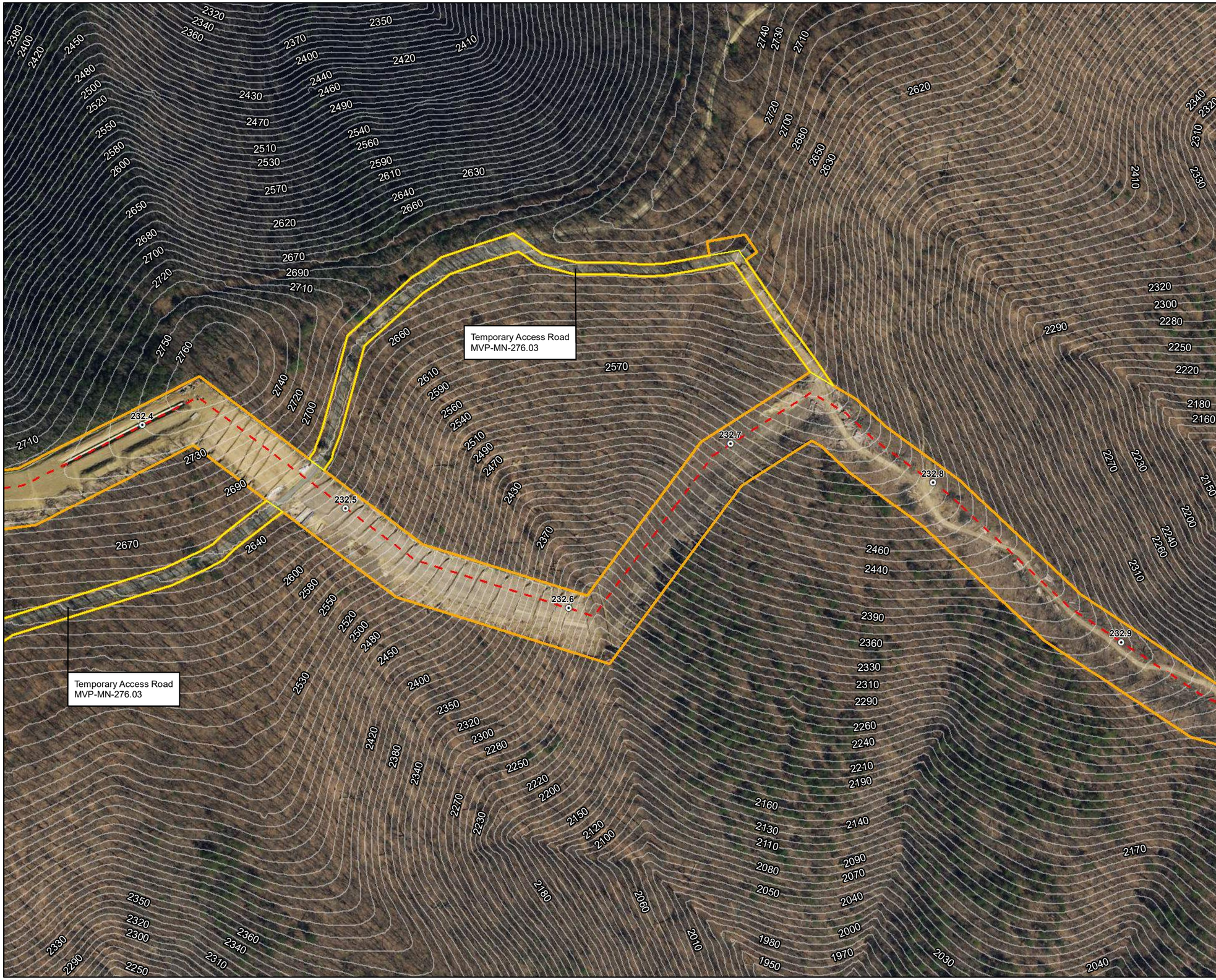
## Detail Map
## Individual Permit Application

Figure 4-623
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

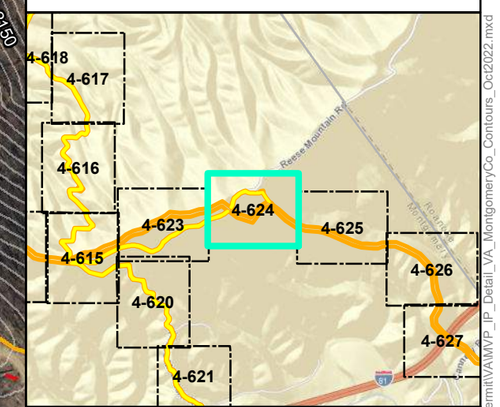
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

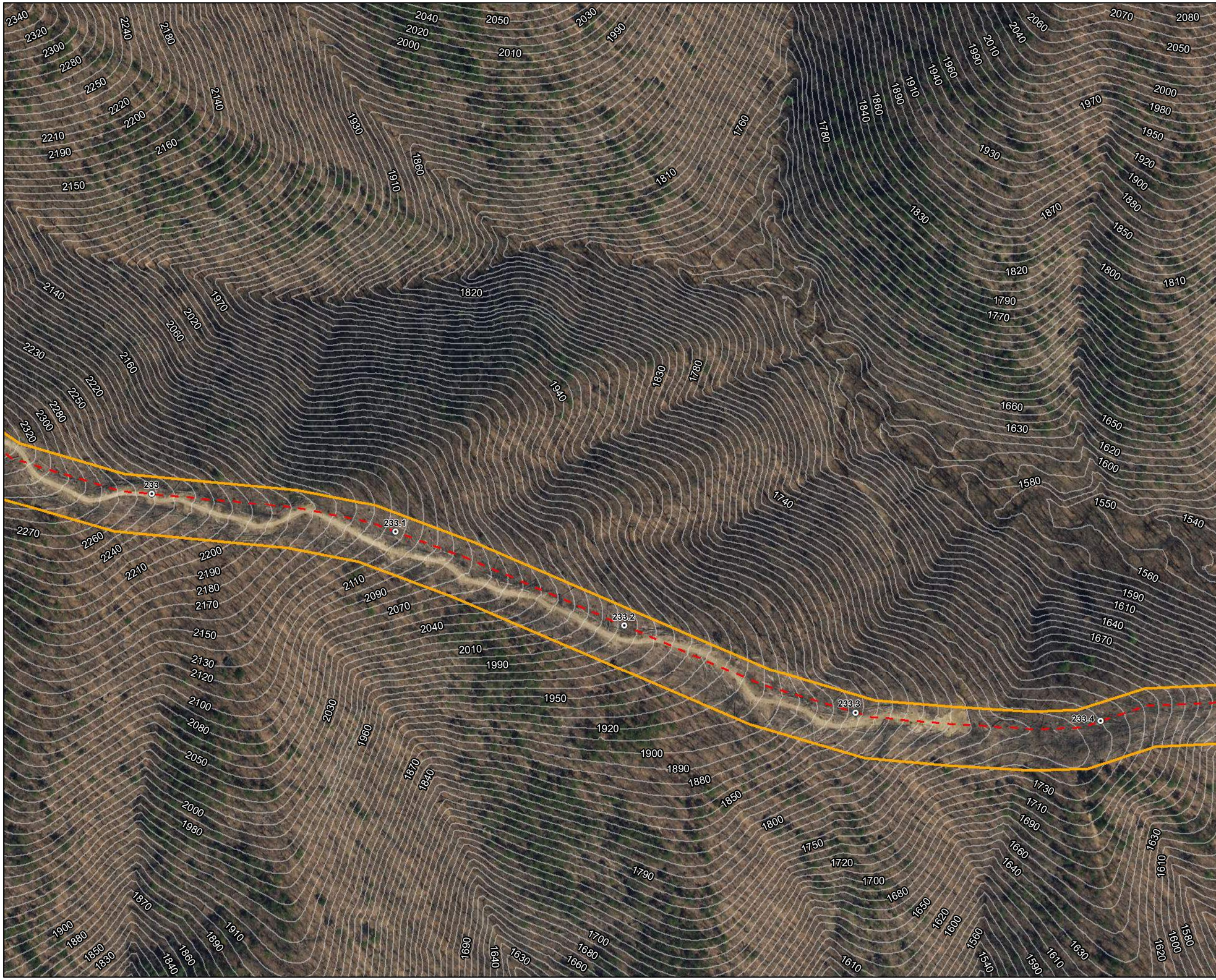
## Detail Map
## Individual Permit Application

Figure 4-624
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

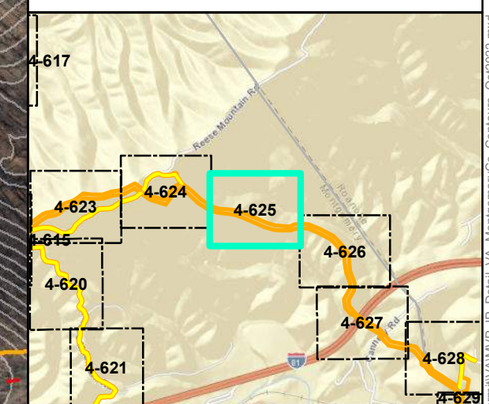
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

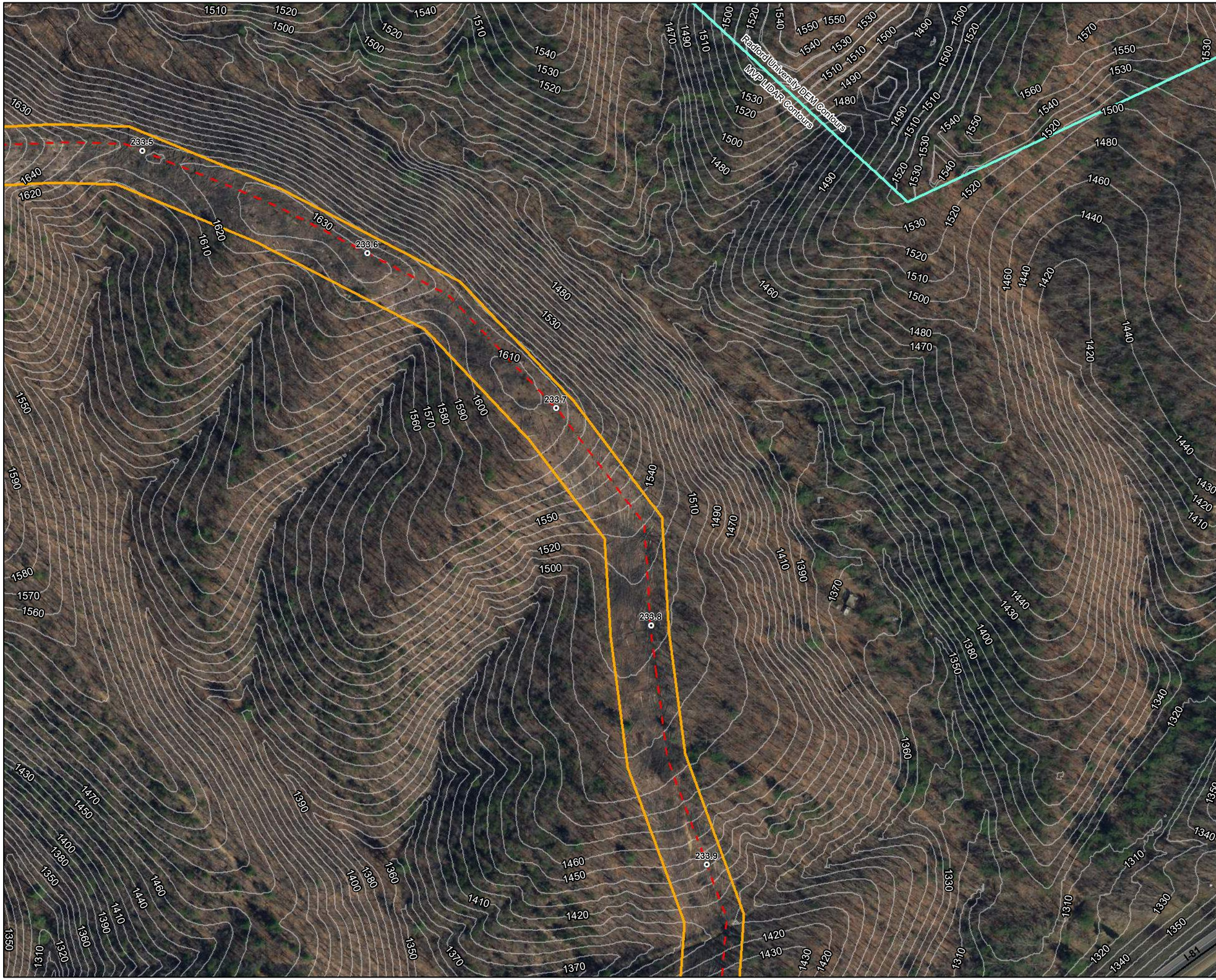
## Detail Map
## Individual Permit Application

Figure 4-625
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

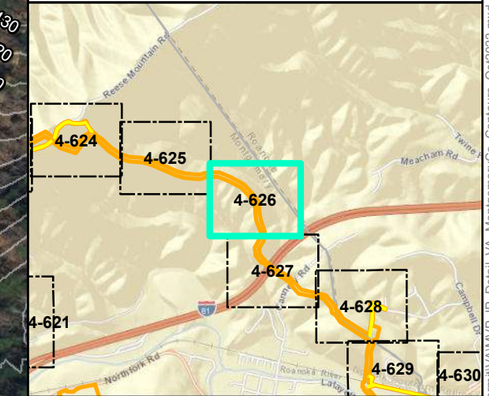
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

## Detail Map
## Individual Permit Application

Figure 4-626
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

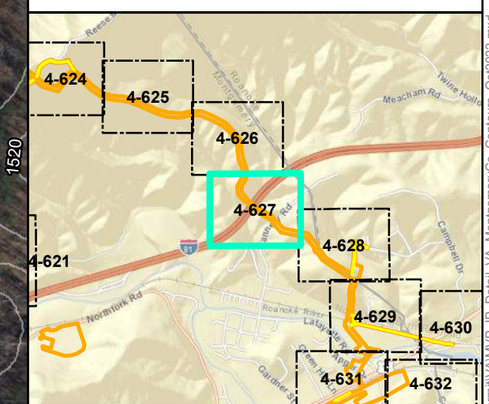
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

## Detail Map
## Individual Permit Application

Figure 4-627
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

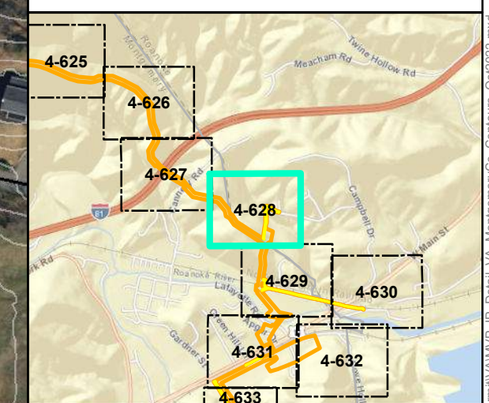
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

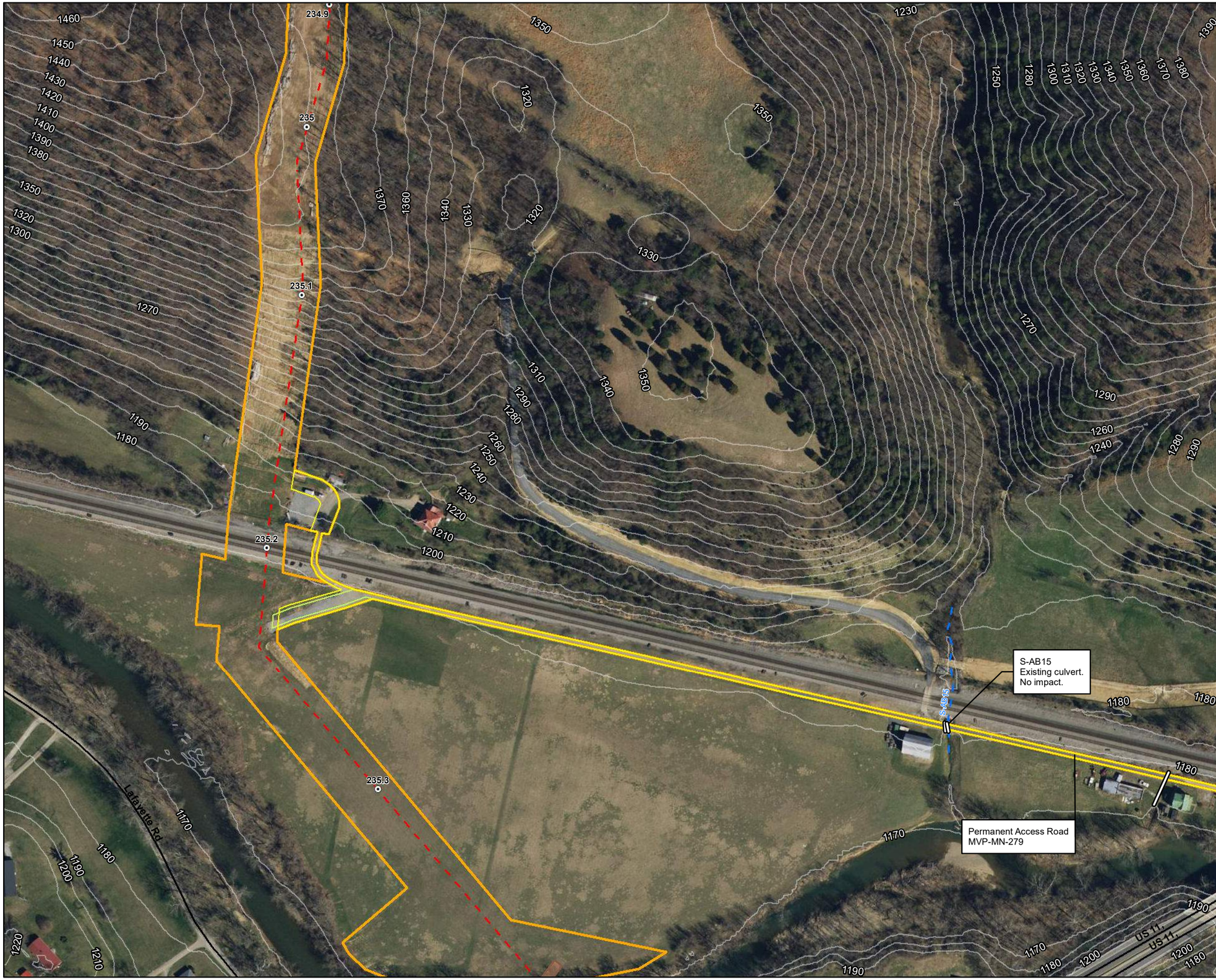
## Detail Map
## Individual Permit Application

Figure 4-628
*Montgomery/Roanoke County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

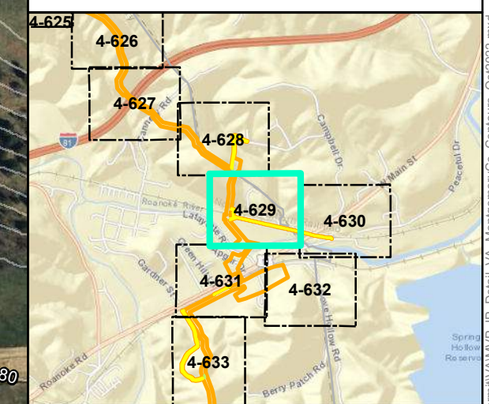
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

## Detail Map
## Individual Permit Application

Figure 4-629
*Montgomery/Roanoke County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

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## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

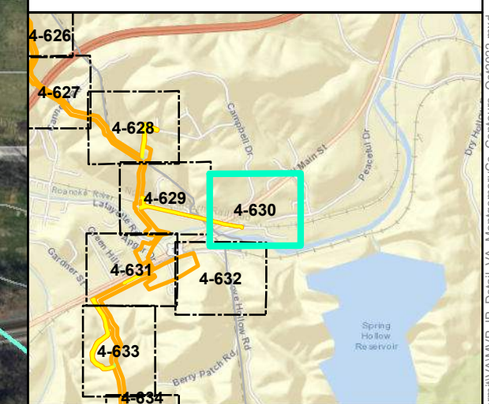
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

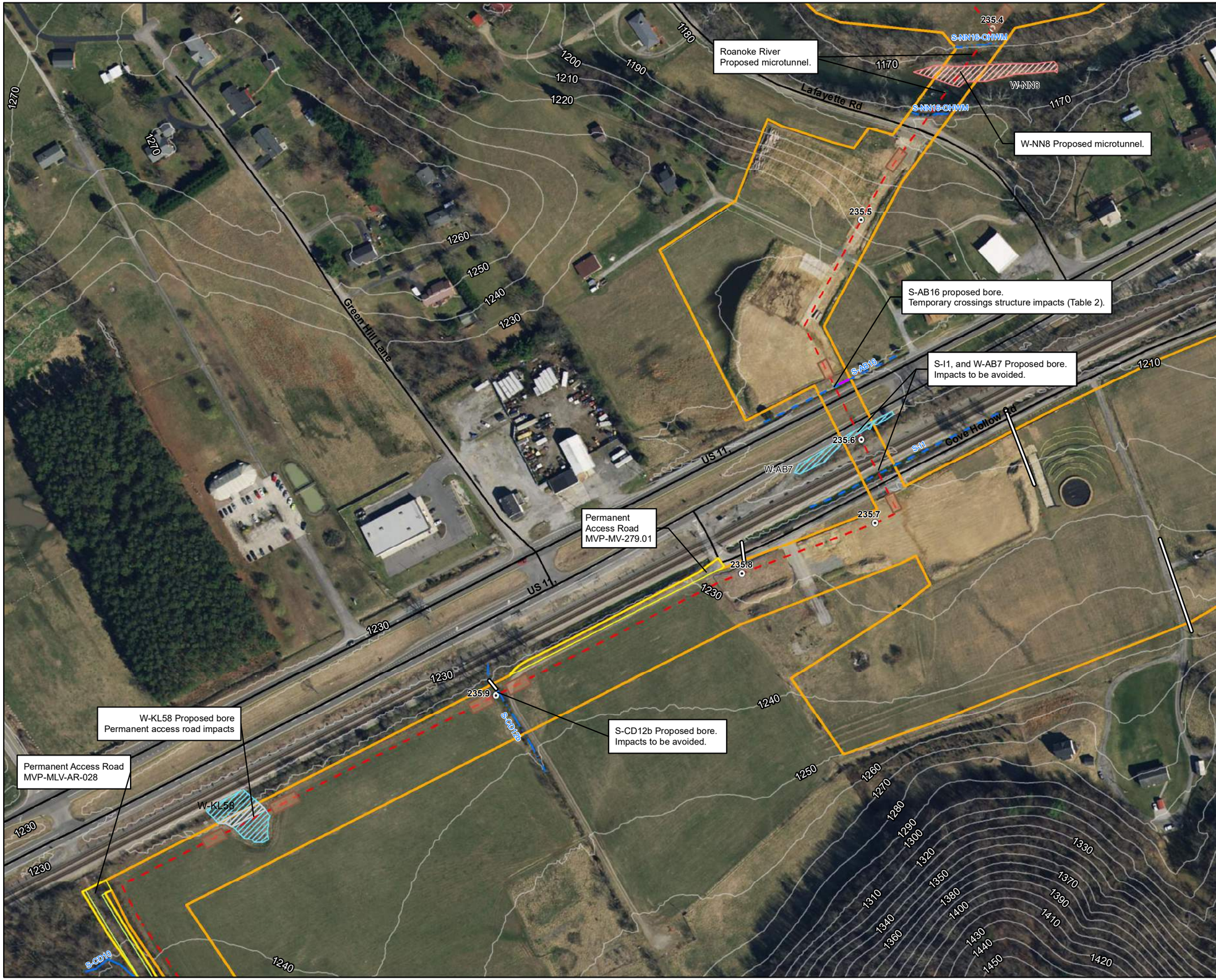
## Detail Map
## Individual Permit Application

Figure 4-630
*Montgomery/Roanoke County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

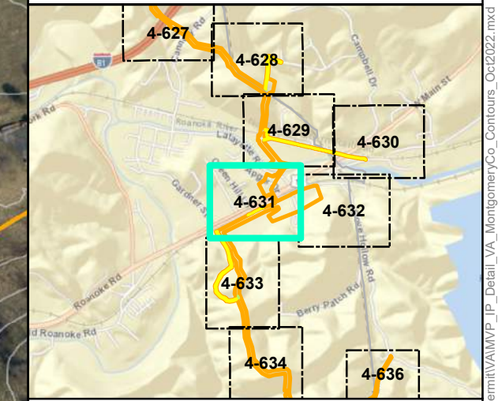
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

## Detail Map
## Individual Permit Application

Figure 4-631
*Montgomery County, Virginia*

November 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: PGH P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

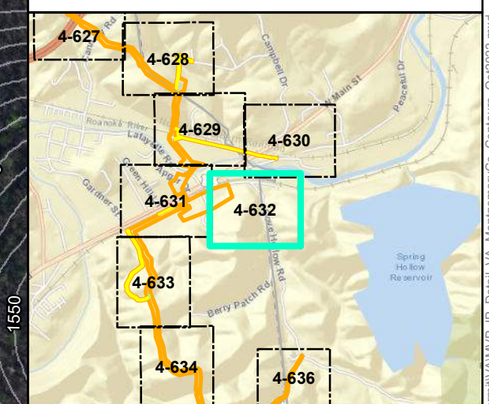
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

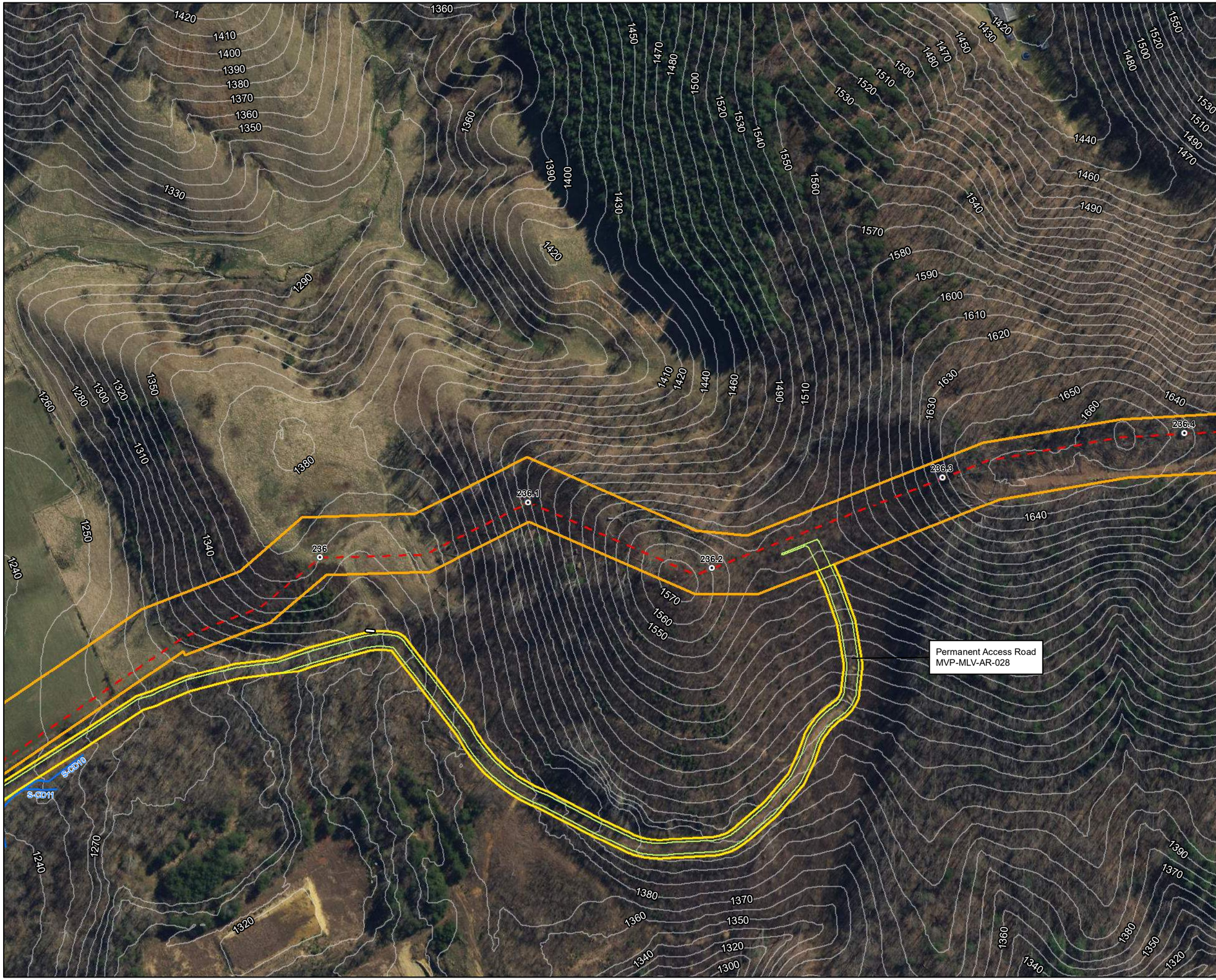
## Detail Map
## Individual Permit Application

Figure 4-632
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
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- Ephemeral

- Pond

Wetland
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- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
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- Conversion
- Permanent Fill

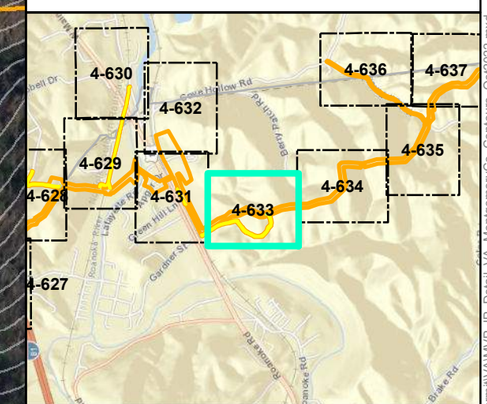
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N E S W




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

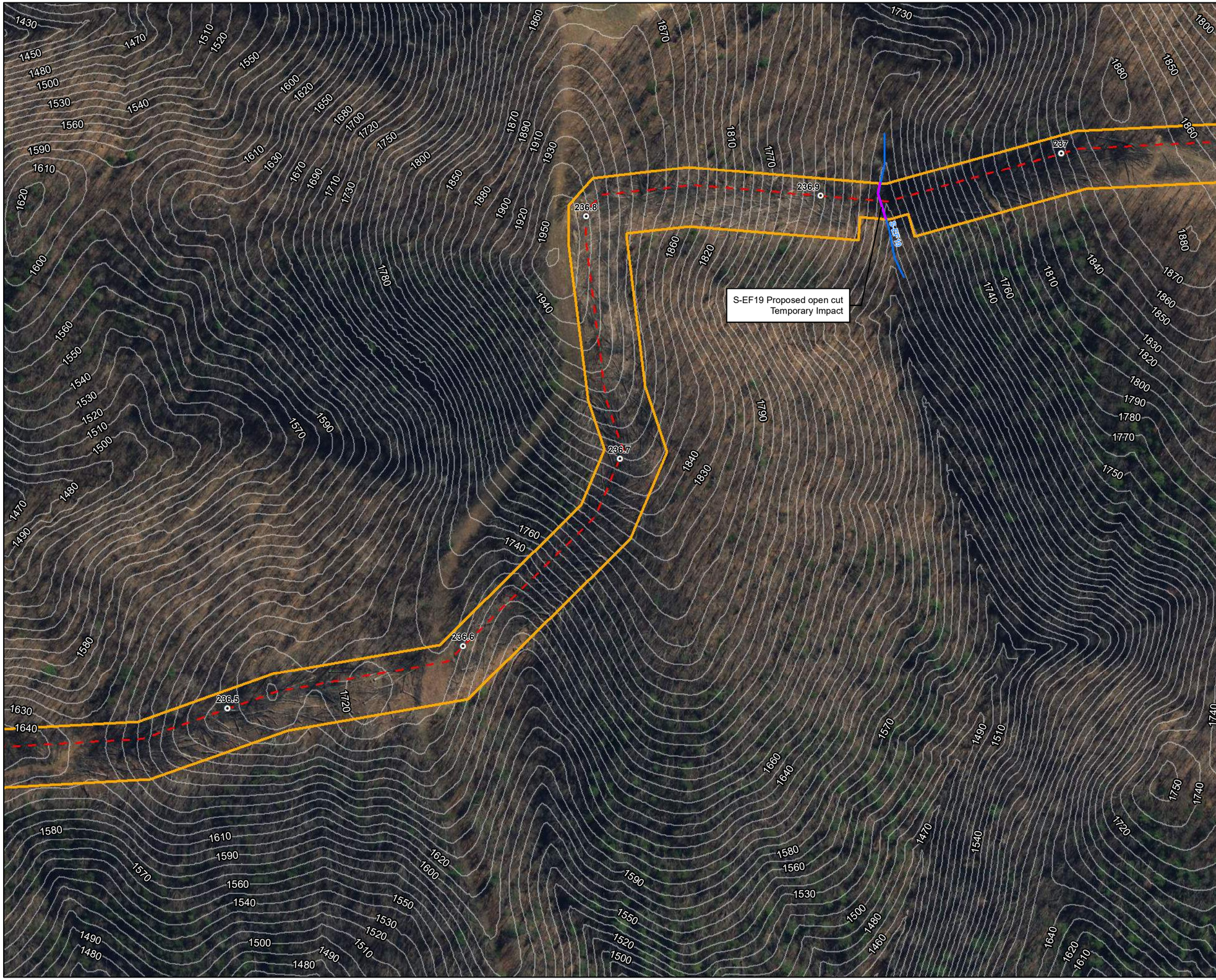
## Detail Map
## Individual Permit Application

Figure 4-633
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
- Palustrine Forested
- Palustrine Emergent
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Stream Impact
- Temporary
- Permanent

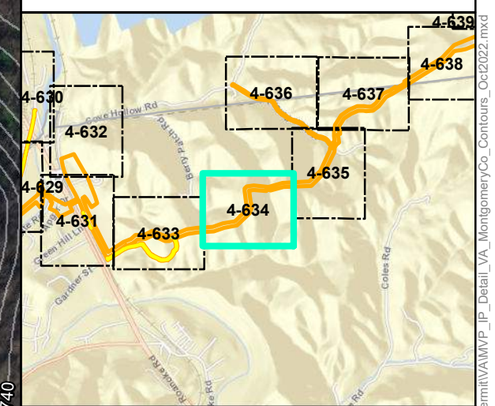
Wetland Impact
- Temporary
- Conversion
- Permanent Fill

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 4-634
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
- Perennial
- Intermittent
- Ephemeral

- Pond

Wetland
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Stream Impact
- Temporary
- Permanent

Wetland Impact
- Temporary
- Conversion
- Permanent Fill

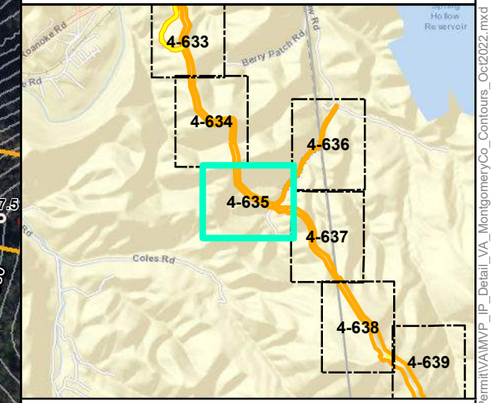
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N W E S




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

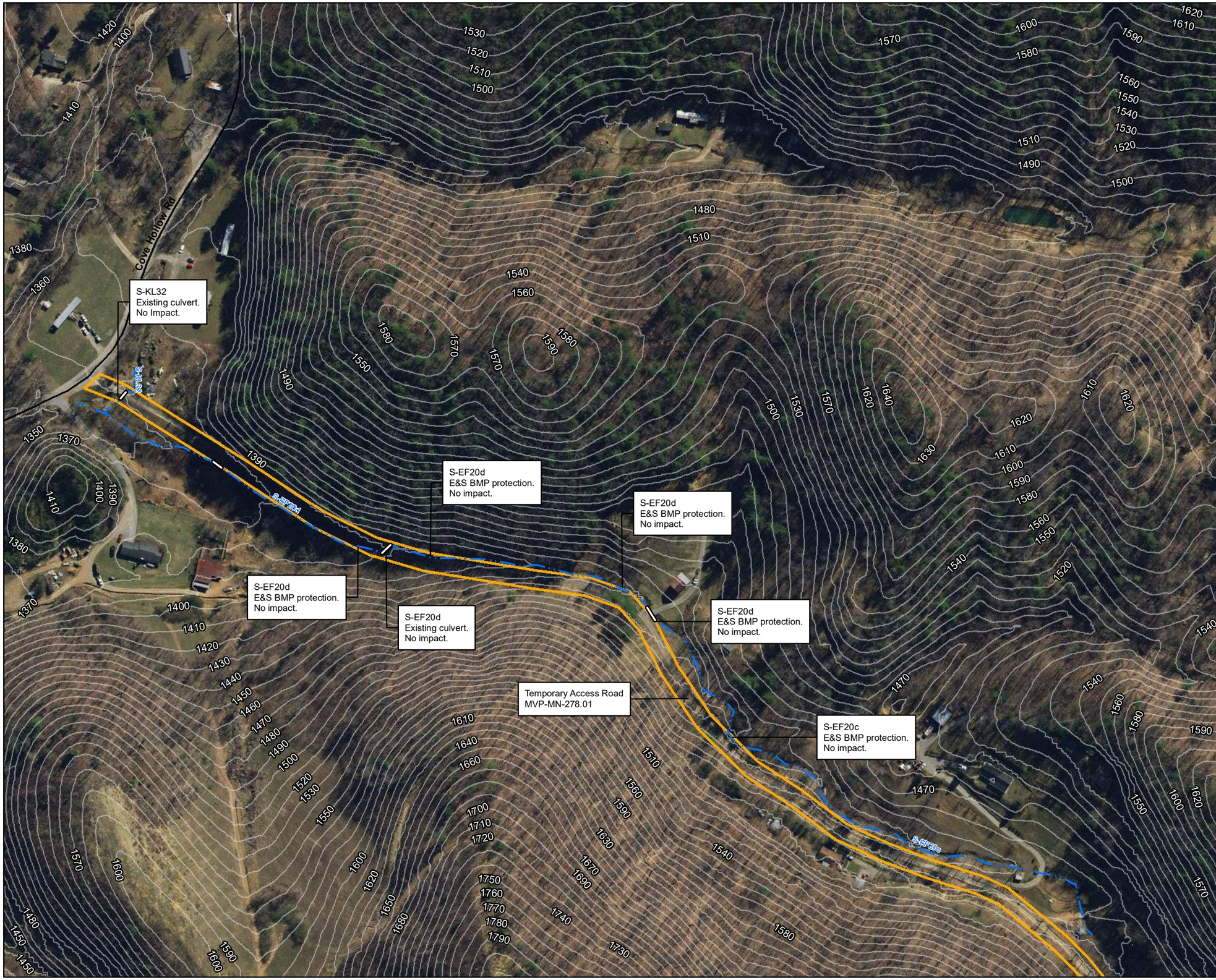
## Detail Map
## Individual Permit Application

Figure 4-635
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: PGH P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd




## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
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- Intermittent
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- Pond

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- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

Wetland Impact
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- Conversion
- Permanent Fill

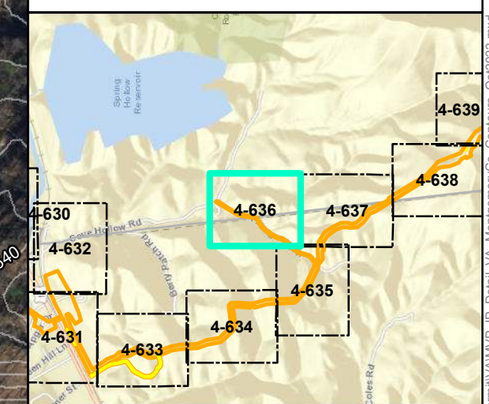
Note:
Refer to Table 2 (Streams) and Table 3 (Wetlands) in the Individual Permit Application for information on resource impacts.

NAD 1983 UTM 17N

1 in = 200 ft

200 160 120 80 40 0 200 Feet

N E S W




# Mountain Valley Pipeline Project

Mountain Valley PIPELINE

## Detail Map
## Individual Permit Application

Figure 4-636
*Montgomery/Roanoke County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd

## Legend

- Milepost
- Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- Culvert

Stream
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- Ephemeral

- Pond

Wetland
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- Palustrine Scrub-Shrub

Stream Impact
- Temporary
- Permanent

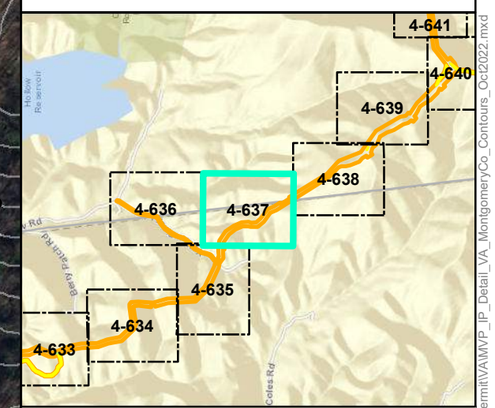
Wetland Impact
- Temporary
- Conversion
- Permanent Fill

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 4-637
*Montgomery County, Virginia*

October 2022

Data Sources: ESRI Streaming Data 2014. Elevation data derived from LiDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Oct2022.mxd