

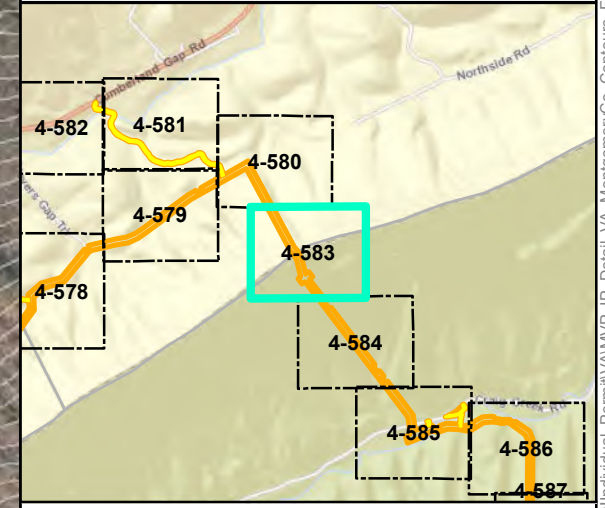


Legend

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



Mountain Valley Pipeline Project

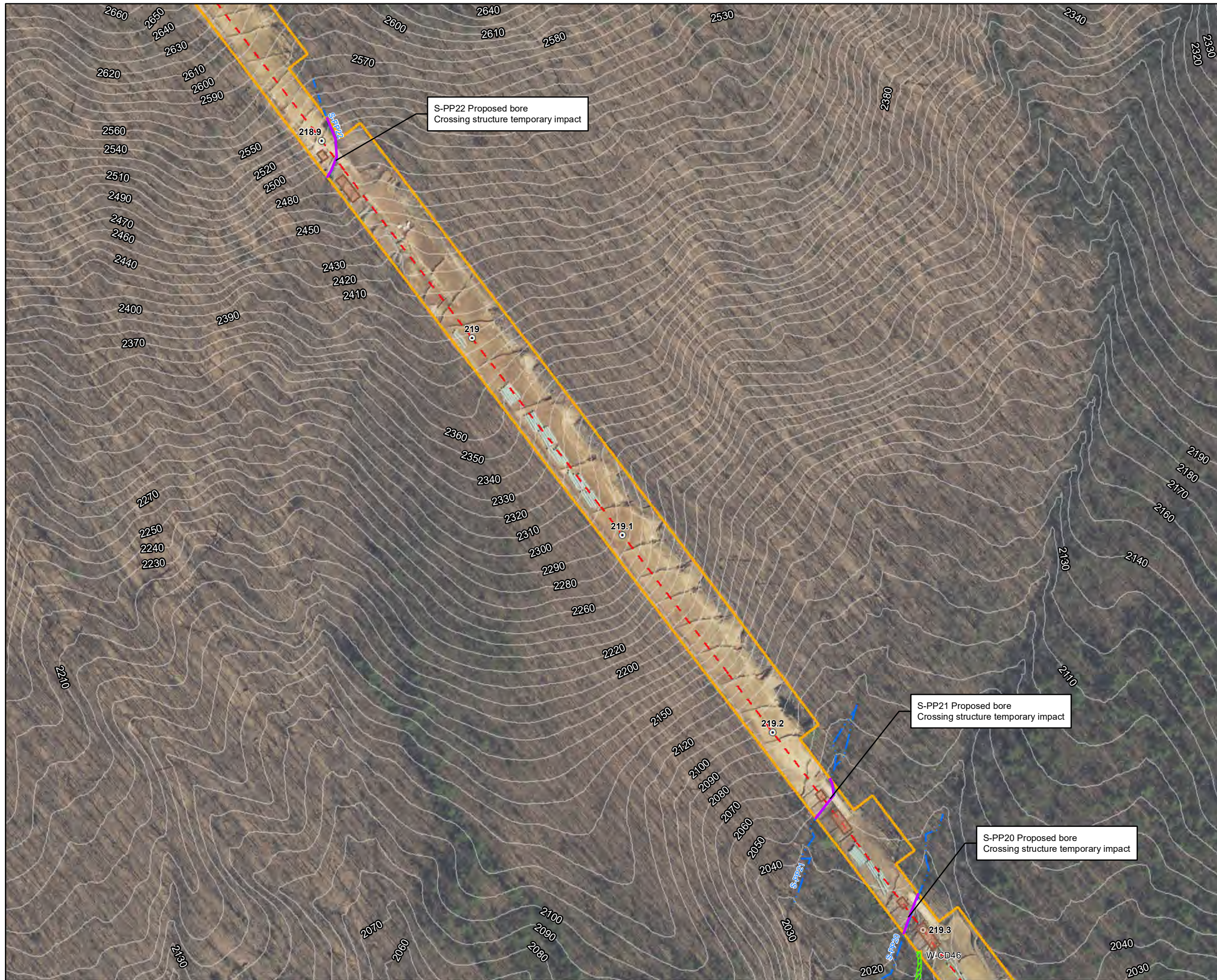
Detail Map
Individual Permit Application

Figure 4-583
Craig/Montgomery County, Virginia

February 2021

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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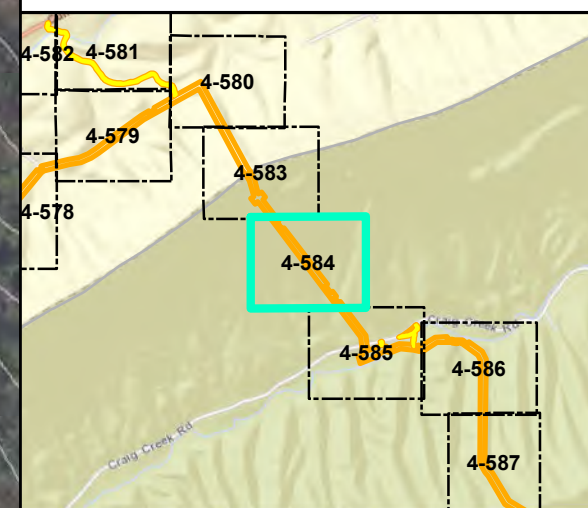


Legend

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



Mountain Valley Pipeline Project

**Detail Map
Individual Permit Application**

Figure 4-584
Montgomery County, Virginia
February 2021

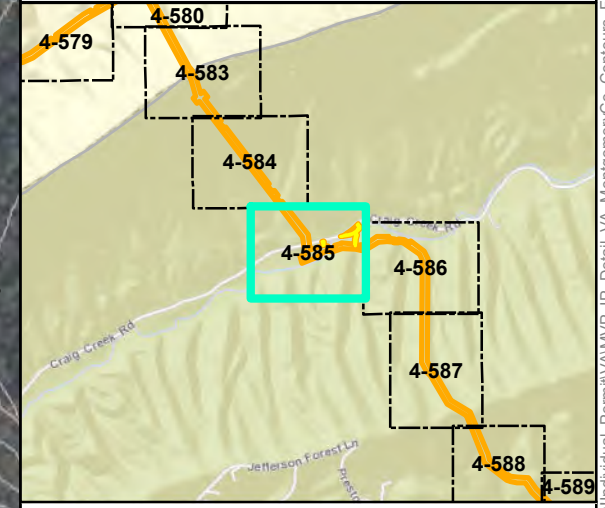
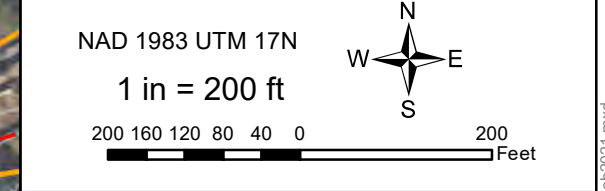
Data Sources: ESRI Streaming Data 2014. Elevation data derived from LIDAR provided by EQT 2016 and from Radford University DEM files. Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\2016\GIS\EQT\17N\MapDocs\Wetlands\Individual_Permit\17N\IP_Detail_VA_MontgomeryCo_Contours_Feb2021.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.



Mountain Valley Pipeline Project



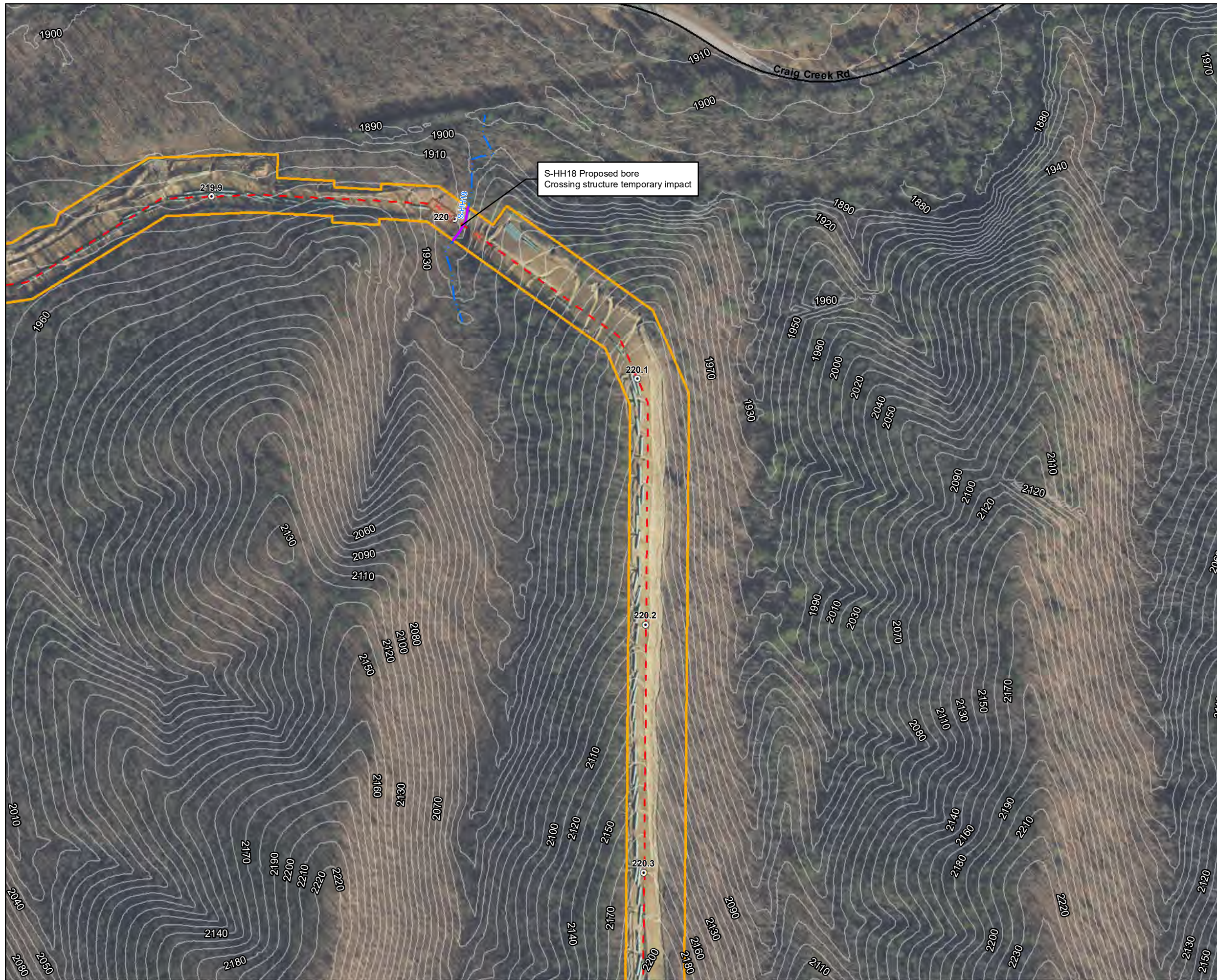
**Detail Map
Individual Permit Application**

Figure 4-585
Montgomery County, Virginia

February 2021

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

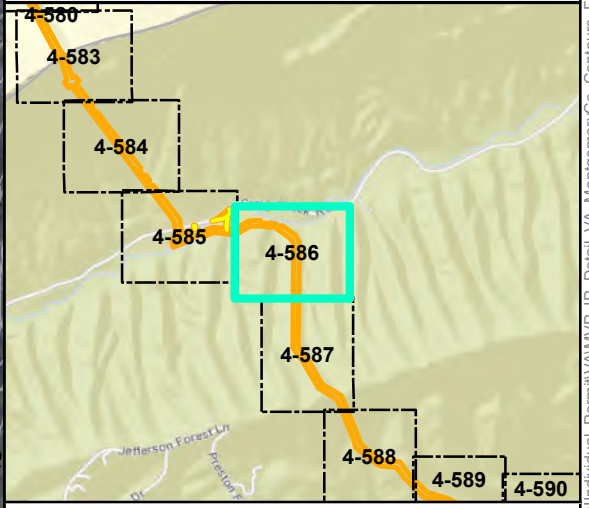
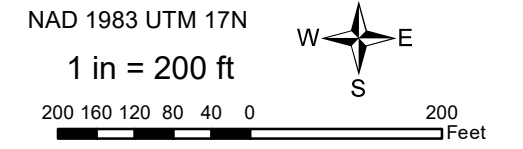
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Legend

- 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.



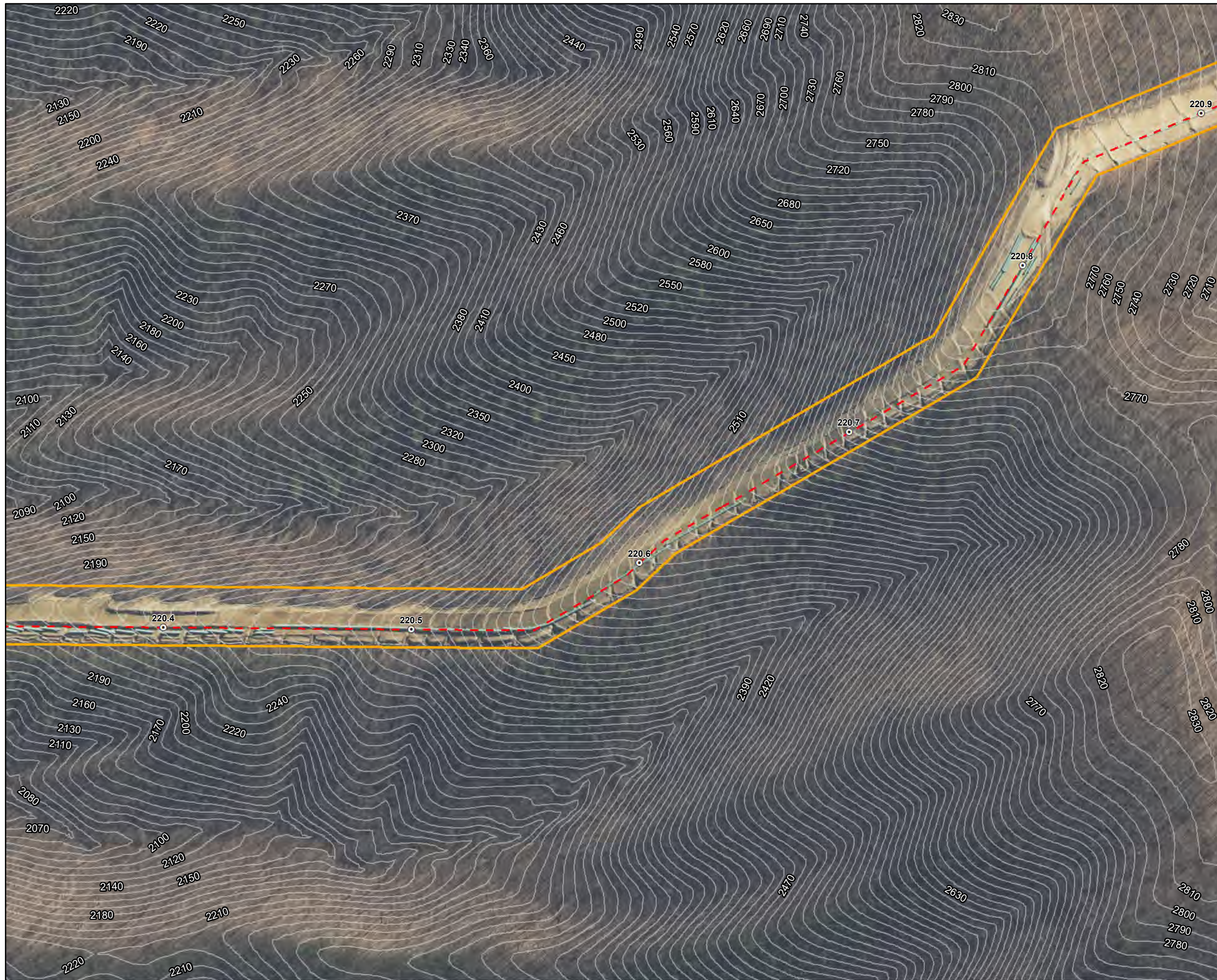
Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-586
Montgomery County, Virginia
February 2021

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

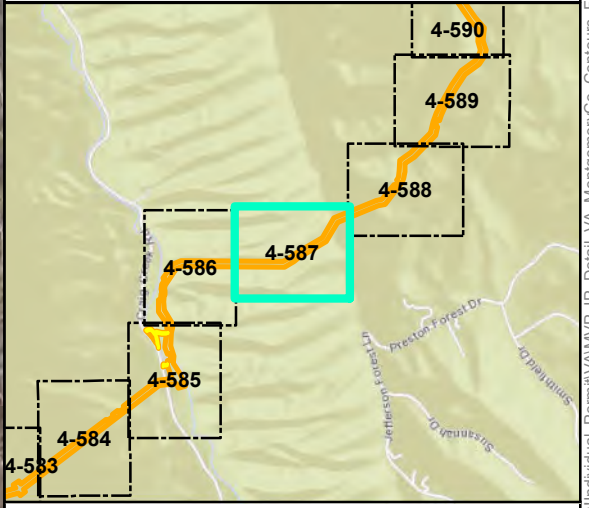


- ### Legend
- Milepost
 - Alignment Centerline
 - Access Road Temporary LOD
 - Access Road Permanent LOD
 - Permanent Facility
 - Limit of Disturbance
 - Bore Pit
 - Culvert
 - Stream
 - Perennial
 - Intermittent
 - Ephemeral
 - Pond
 - Wetland
 - Palustrine Forested
 - Palustrine Emergent
 - Palustrine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

Detail Map
Individual Permit Application

Figure 4-587
Montgomery County, Virginia

February 2021

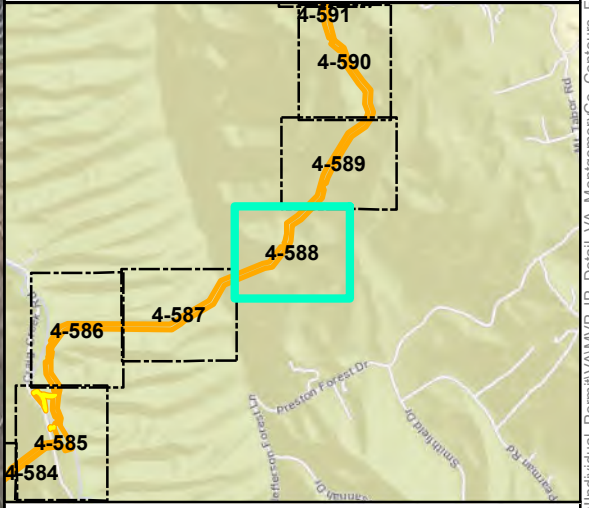
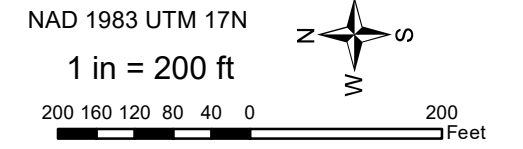
Data Sources: ESRI Streaming Data 2014. Elevation data derived from LIDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

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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.



Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-588
Montgomery County, Virginia

February 2021

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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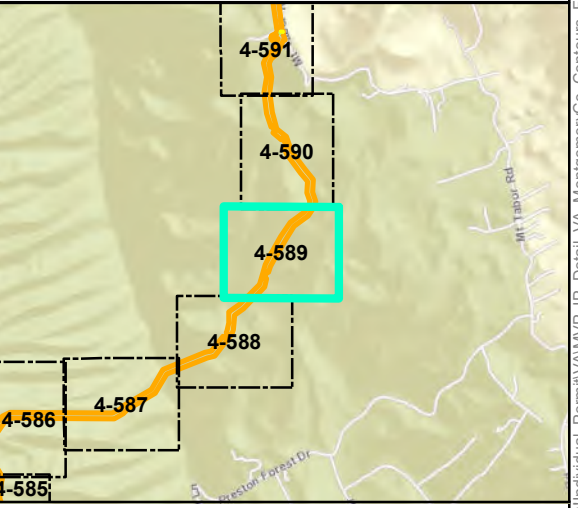
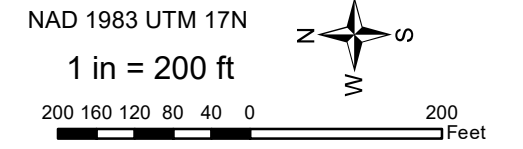


S-MN22 Proposed open cut
Temporary Impact

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
- ▨ 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.



Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-589
Montgomery County, Virginia
February 2021

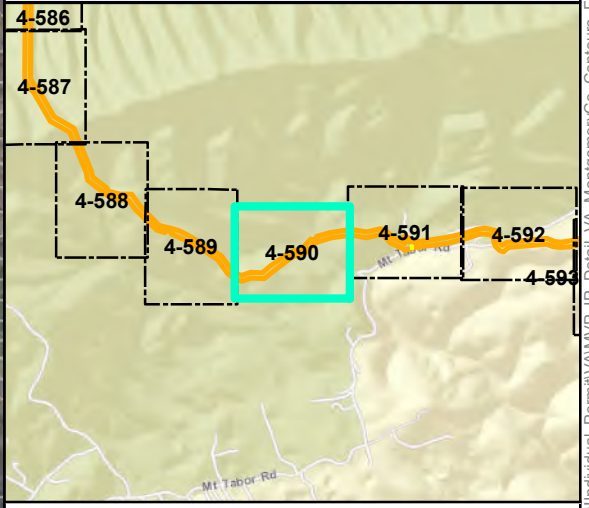
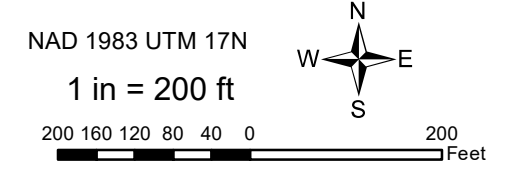
Data Sources: ESRI Streaming Data 2014. Elevation data derived from LIDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

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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.



Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-590
Montgomery County, Virginia

February 2021

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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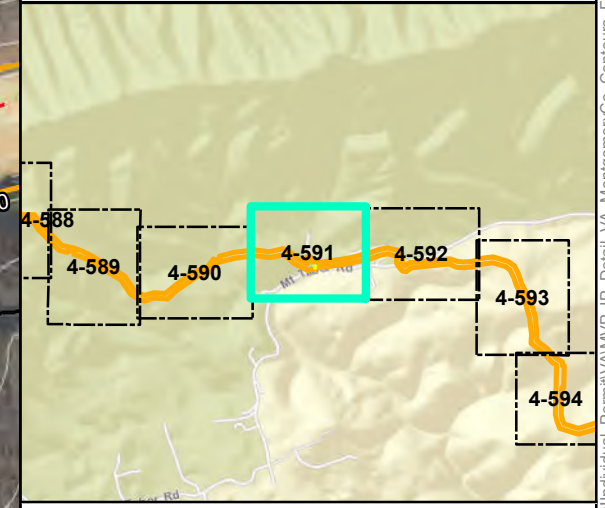


Legend

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



Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-591
Montgomery County, Virginia
February 2021

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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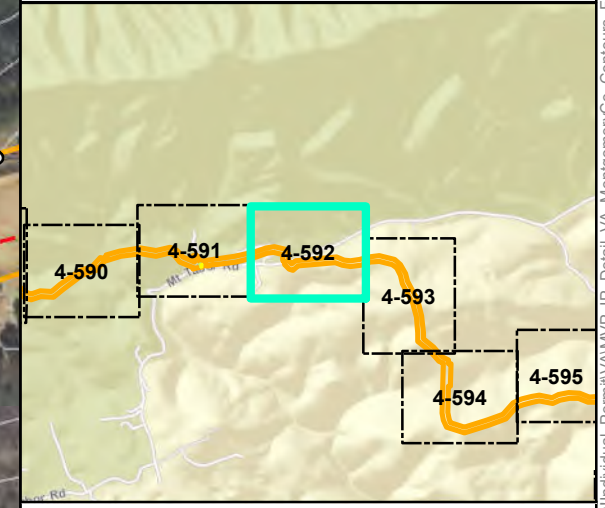
Legend

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

**Detail Map
Individual Permit Application**

Figure 4-592
Montgomery County, Virginia

February 2021

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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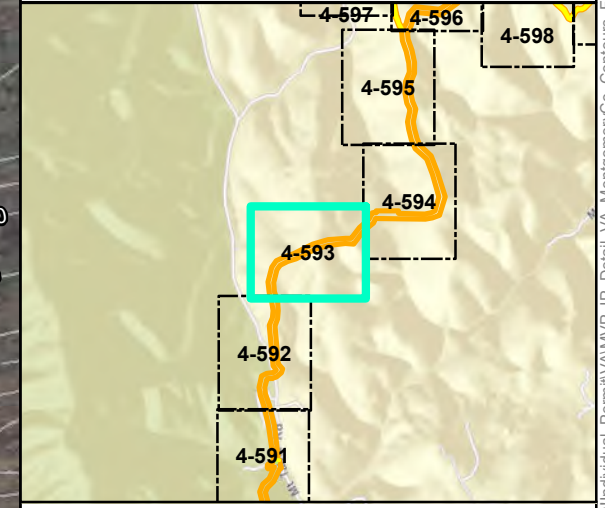
Legend

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

**Detail Map
Individual Permit Application**

Figure 4-593
Montgomery County, Virginia

February 2021

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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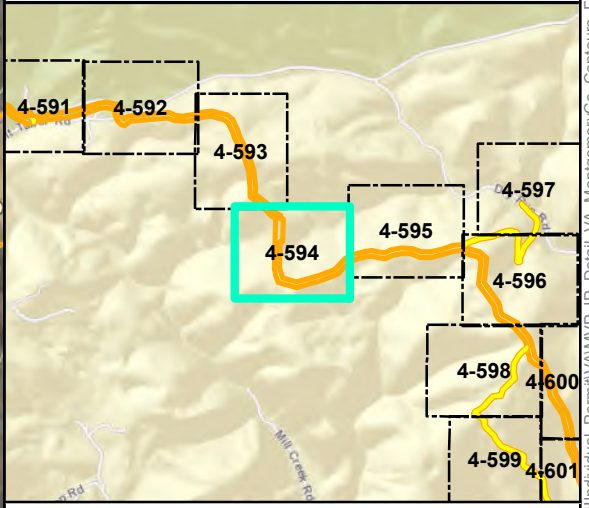


Legend

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



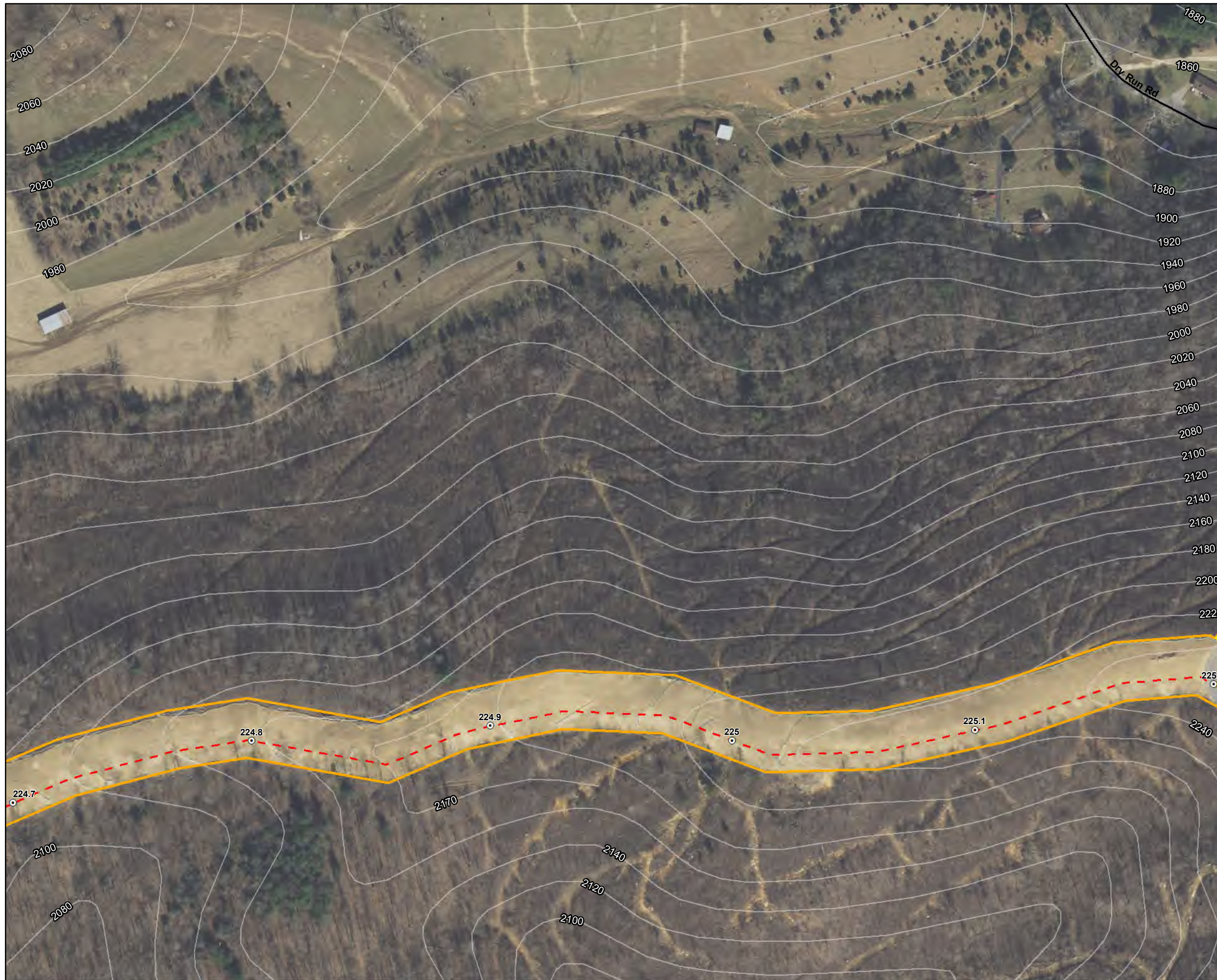
Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-594
Montgomery County, Virginia

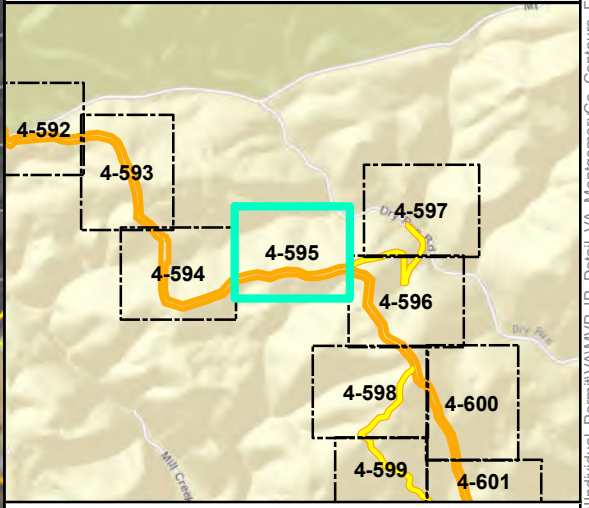
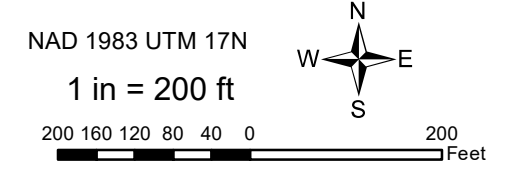
February 2021

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



- 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.



Mountain Valley Pipeline Project

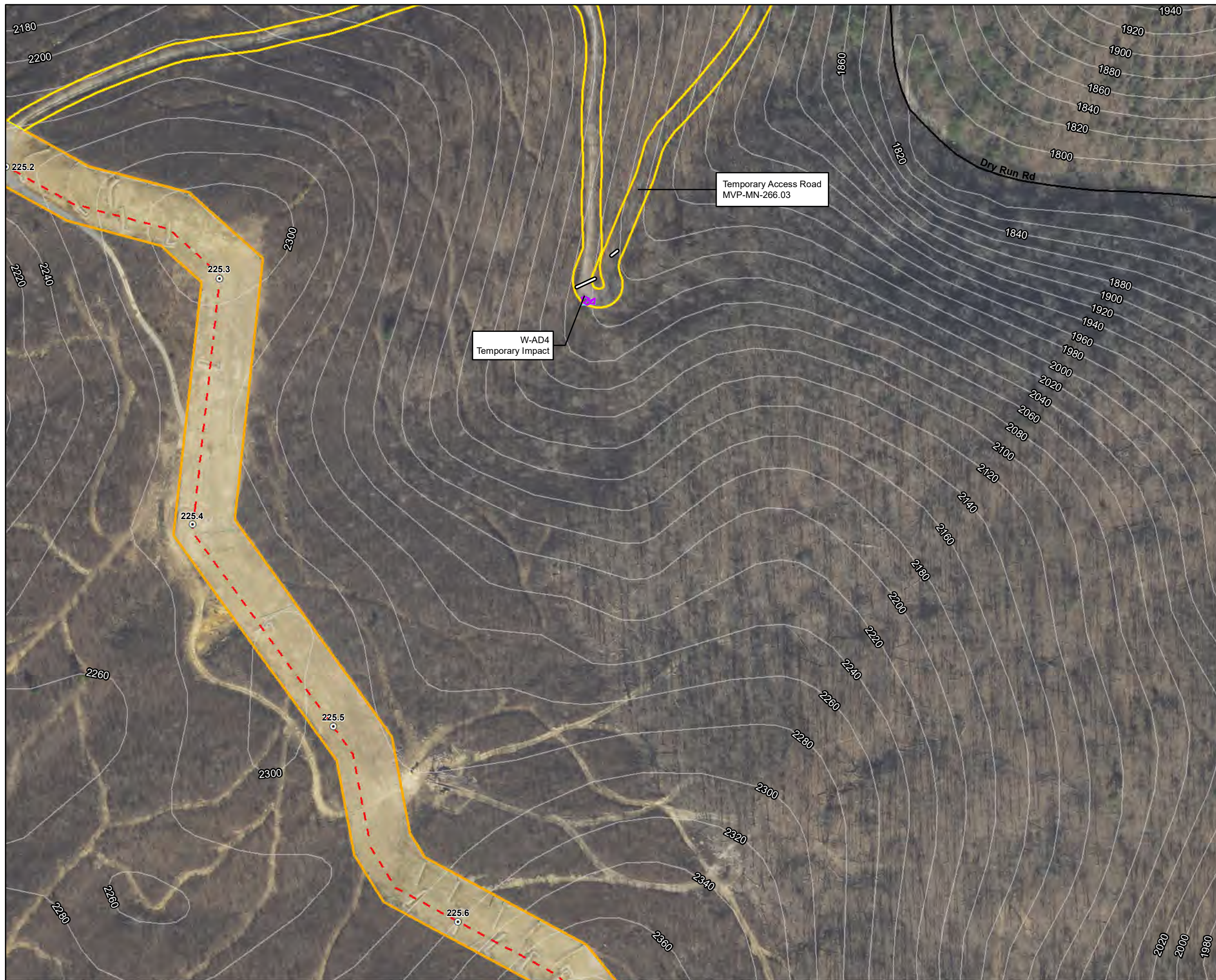


**Detail Map
Individual Permit Application**

Figure 4-595
Montgomery County, Virginia
February 2021

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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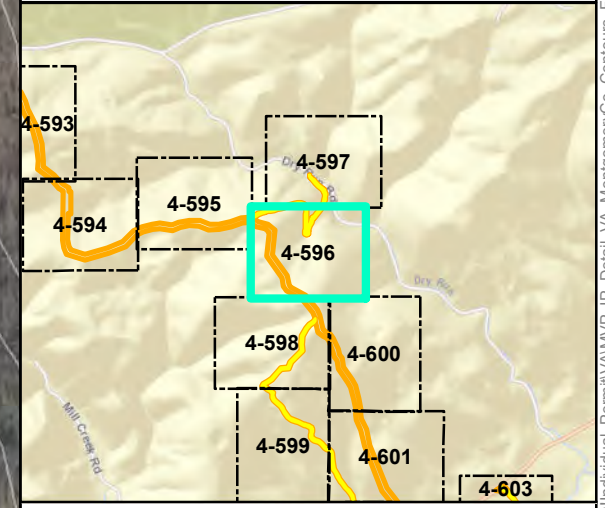


Legend

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



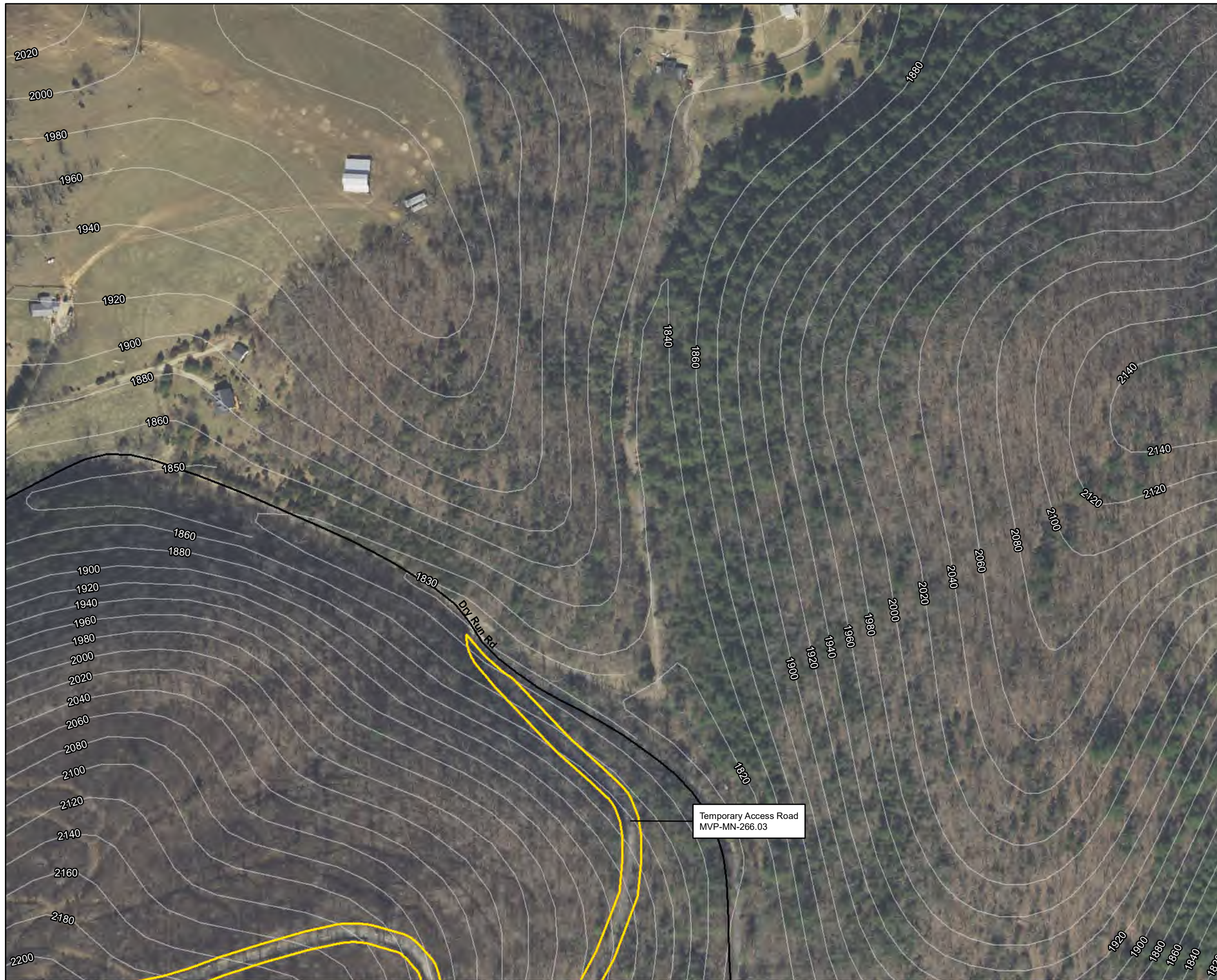
Mountain Valley Pipeline Project

**Detail Map
Individual Permit Application**

Figure 4-596
Montgomery County, Virginia
February 2021

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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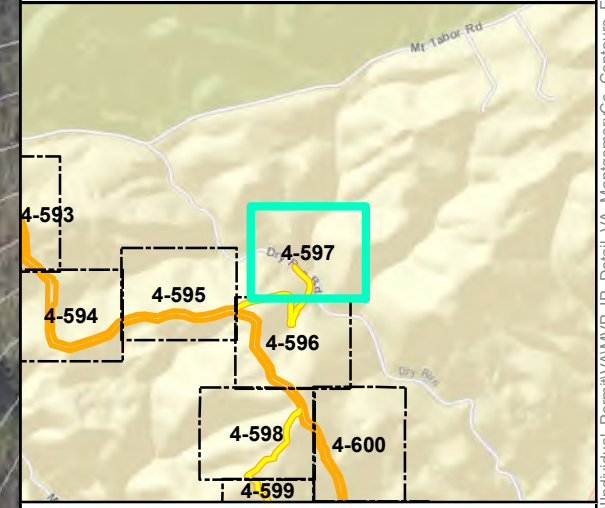
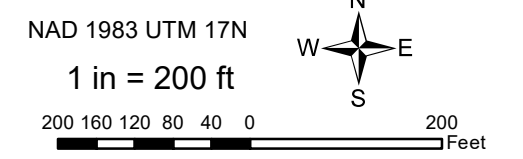


Temporary Access Road
MVP-MN-266.03

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.



Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

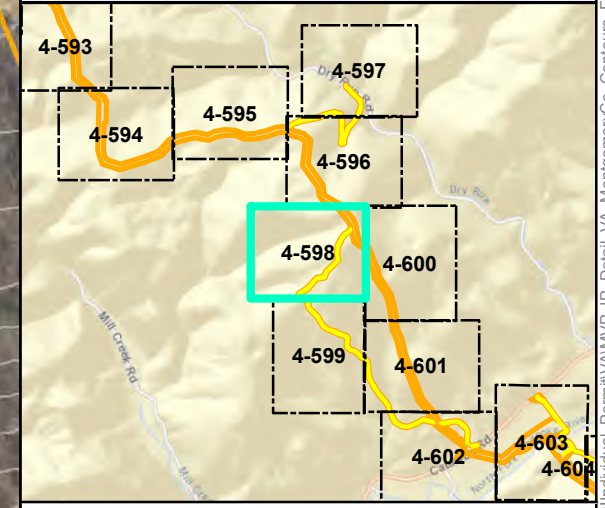
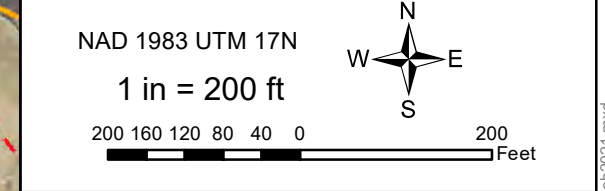
Figure 4-597
Montgomery County, Virginia
February 2021

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



- 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.



Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-598
Montgomery County, Virginia
February 2021

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

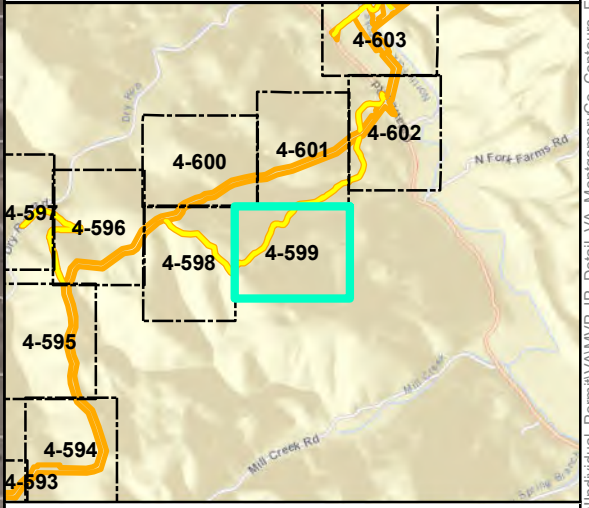
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- Legend**
- Milepost
 - - - Alignment Centerline
 - Access Road Temporary LOD
 - Access Road Permanent LOD
 - Permanent Facility
 - Limit of Disturbance
 - Bore Pit
 - ▬ Culvert
 - Stream
 - Perennial
 - - - Intermittent
 - Ephemeral
 - ▨ Pond
 - 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



Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-599
Montgomery County, Virginia

February 2021

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\2016\GIS\EQT\MVP\Mapdocs\Wetlands\Individual_Permit\AMVP_IP_Detail_VA_MontgomeryCo_Contours_Feb2021.mxd

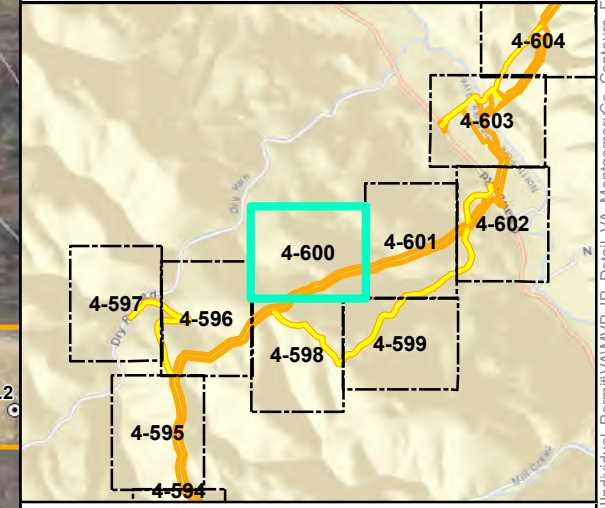


Legend

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



Mountain Valley Pipeline Project

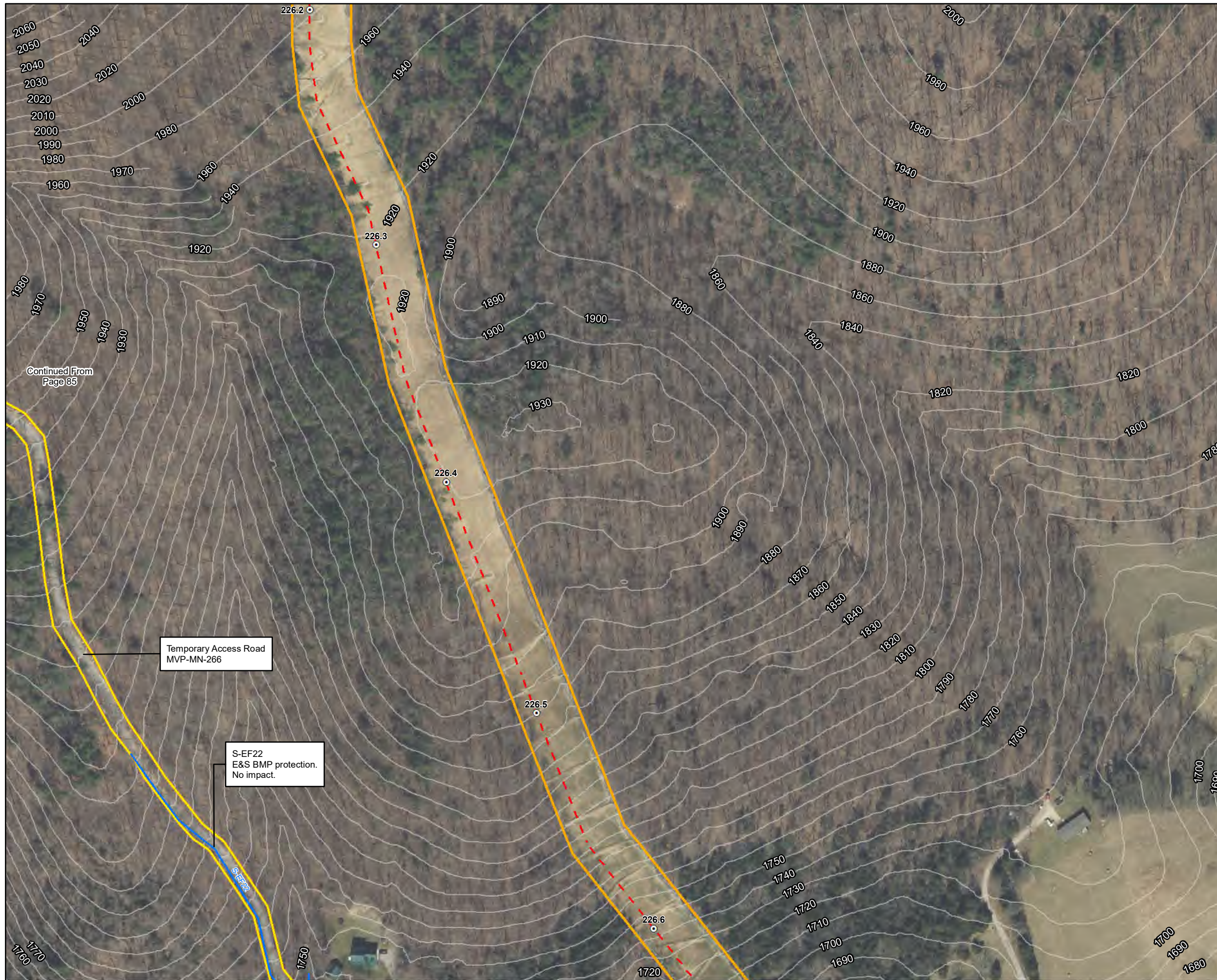
**Detail Map
Individual Permit Application**

Figure 4-600
Montgomery County, Virginia

February 2021

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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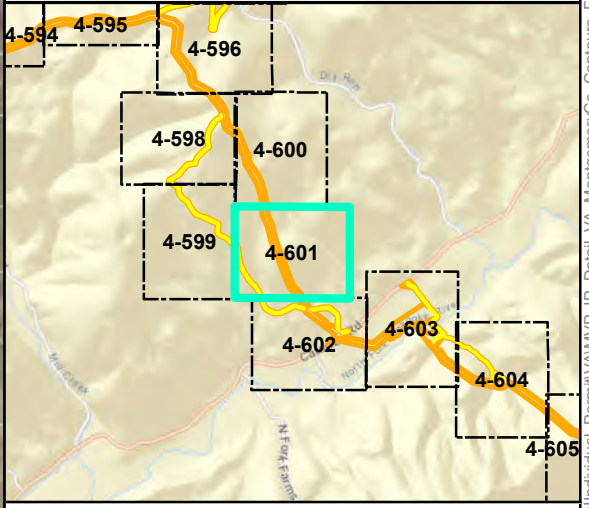
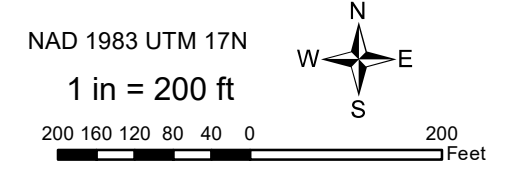
Continued From Page 85

Temporary Access Road MVP-MN-266

S-EF22
E&S BMP protection.
No 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
 - ▨ 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.



Mountain Valley Pipeline Project

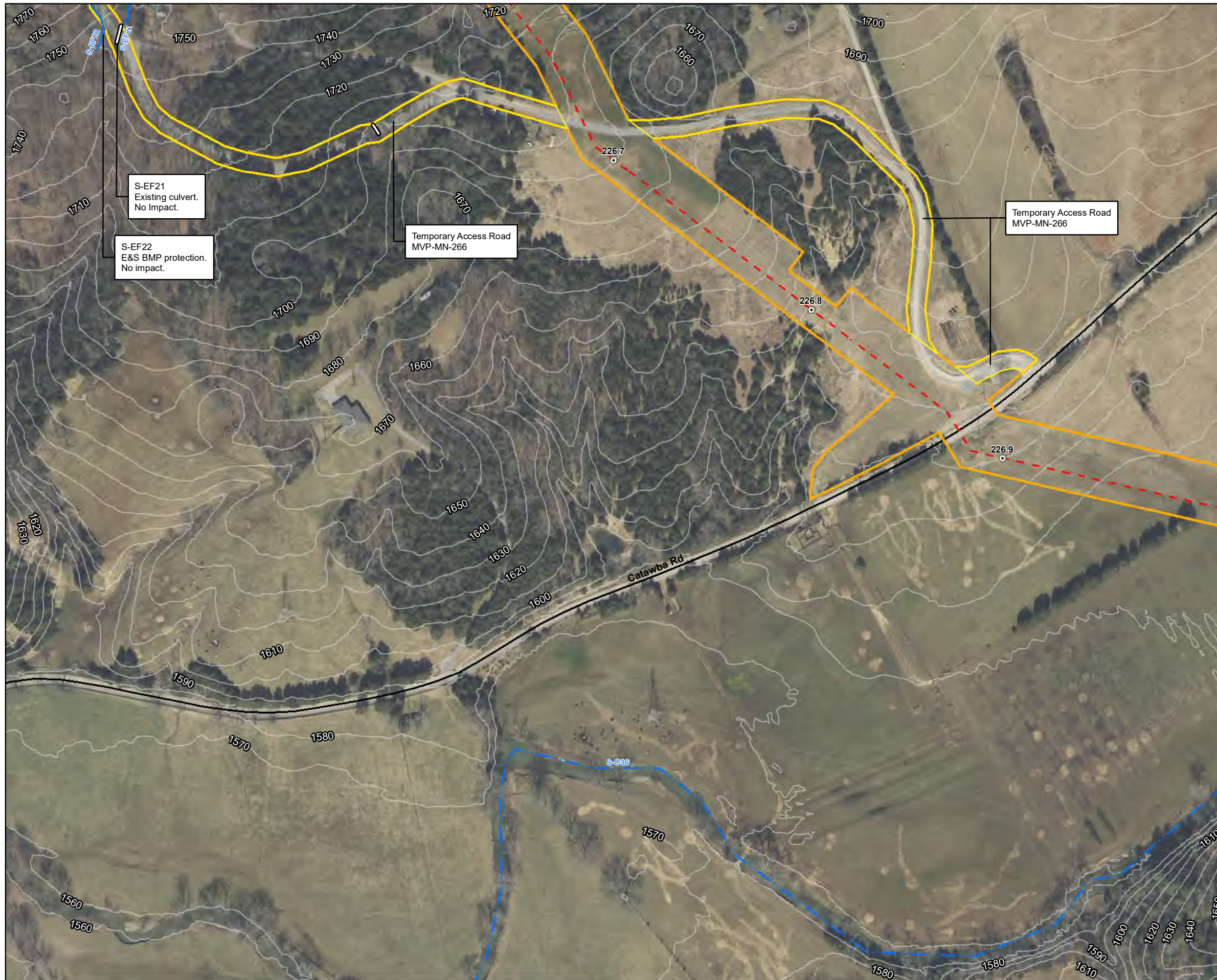


**Detail Map
Individual Permit Application**

Figure 4-601
Montgomery County, Virginia
February 2021

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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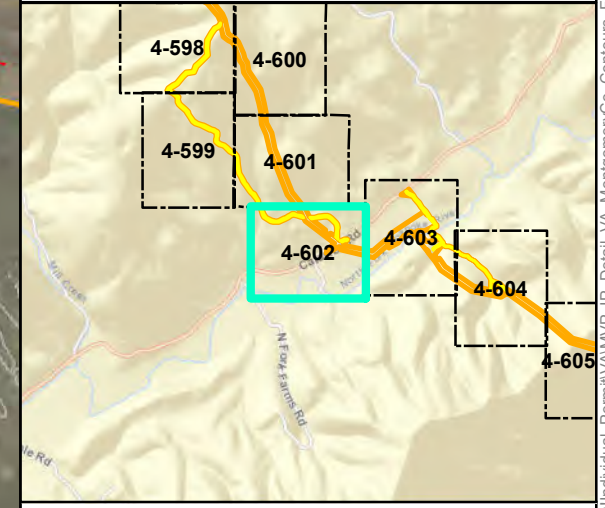
Legend

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



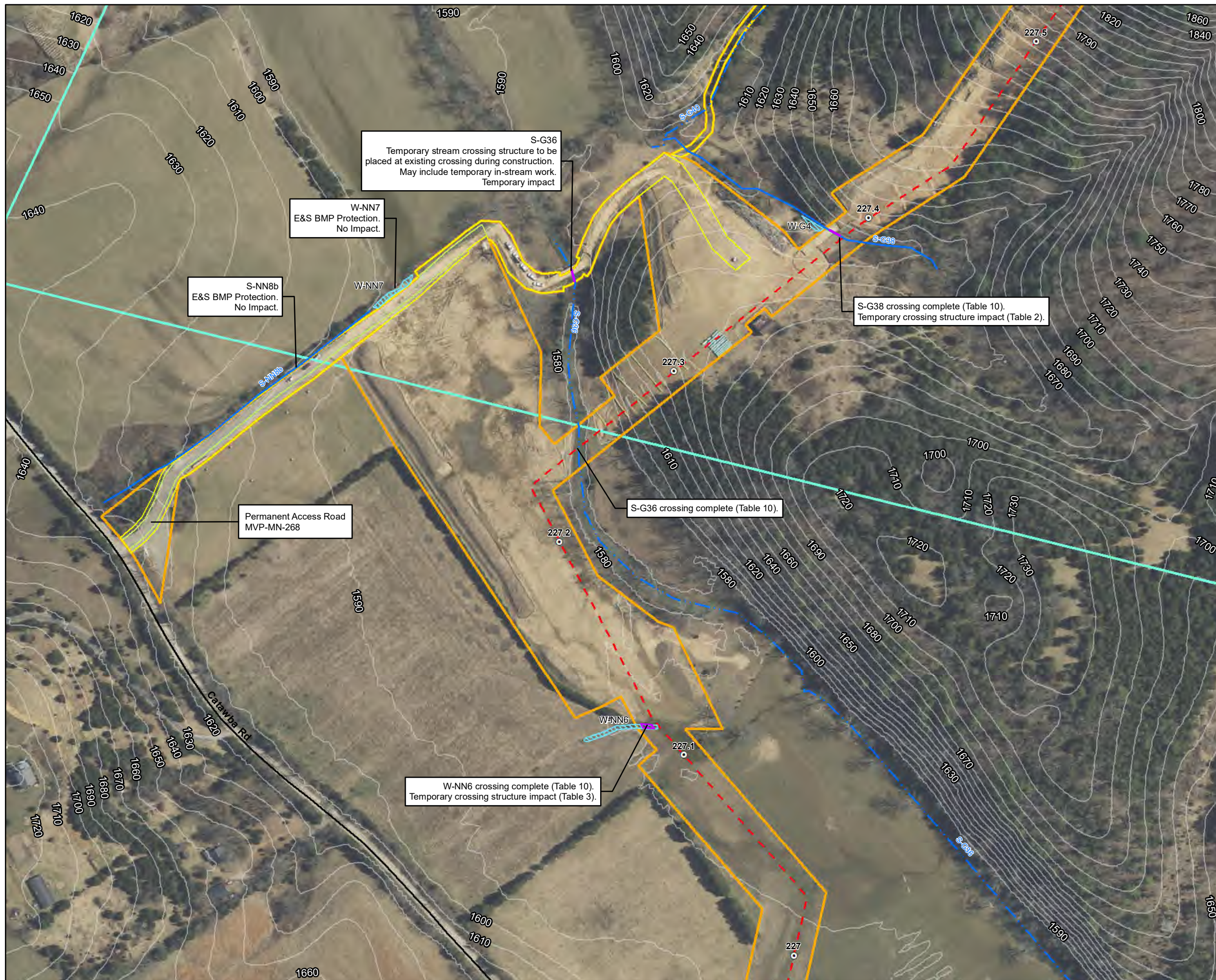
Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-602
Montgomery County, Virginia
February 2021

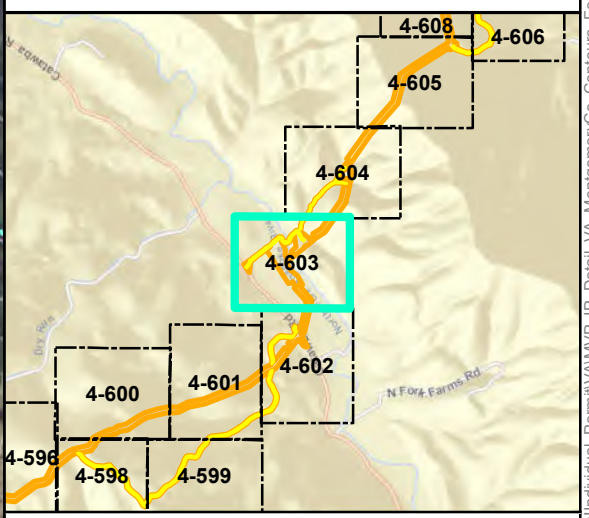
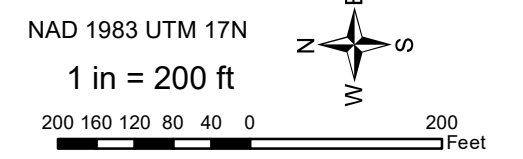
Data Sources: ESRI Streaming Data 2014. Elevation data derived from LIDAR provided by EQT 2016 and from Radford University DEM files. Map Projection: NAD 1983 UTM 17N

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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.



Mountain Valley Pipeline Project



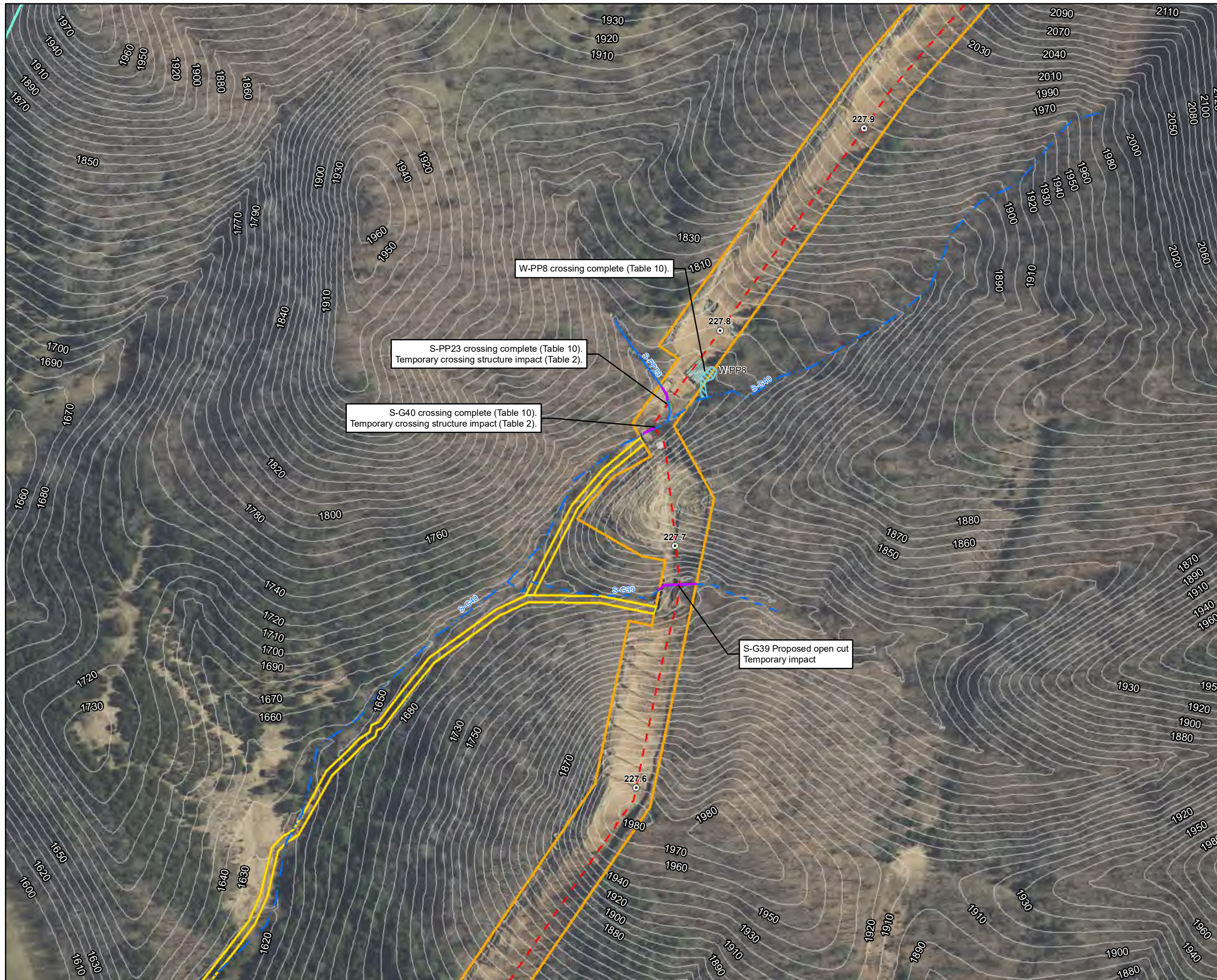
Detail Map
Individual Permit Application

Figure 4-603
Montgomery County, Virginia

February 2021

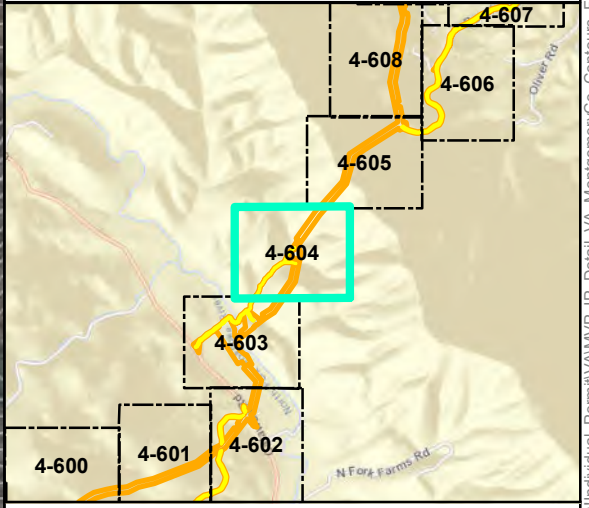
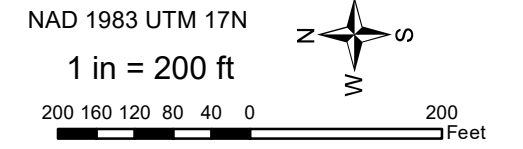
Data Sources: ESRI Streaming Data 2014. Elevation data derived from LIDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

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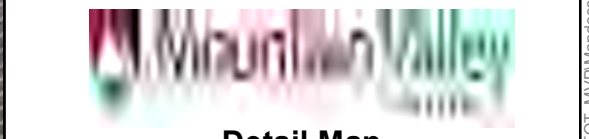


- Legend**
- Milepost
 - - - Alignment Centerline
 - Access Road Temporary LOD
 - Access Road Permanent LOD
 - Permanent Facility
 - Limit of Disturbance
 - Bore Pit
 - ▬ Culvert
 - Stream
 - ⋯ Perennial
 - - - Intermittent
 - Ephemeral
 - ▨ Pond
 - Wetland
 - ▨ Palustrine Forested
 - ▨ Palustrine Emergent
 - ▨ 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.



Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-604
Montgomery County, Virginia

February 2021

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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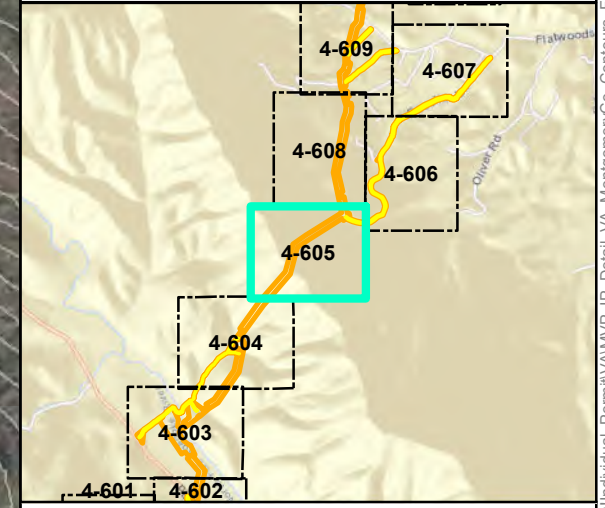
Legend

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

Detail Map
Individual Permit Application

Figure 4-605
Montgomery County, Virginia

February 2021

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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Radford University DEM Contours

MVP LIDAR Contours



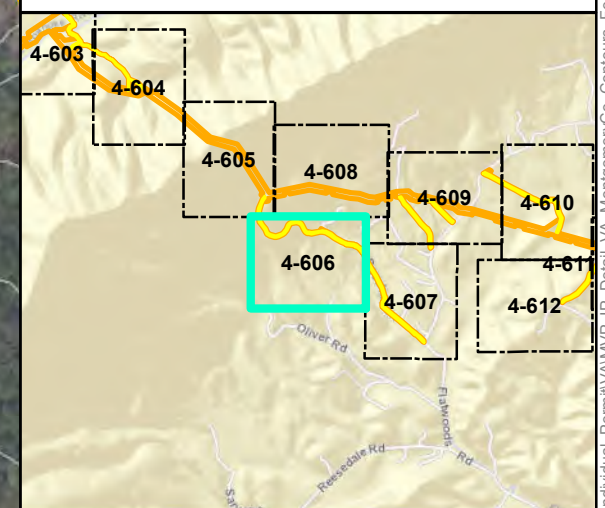
Legend

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

**Detail Map
Individual Permit Application**

Figure 4-606
Montgomery County, Virginia

February 2021

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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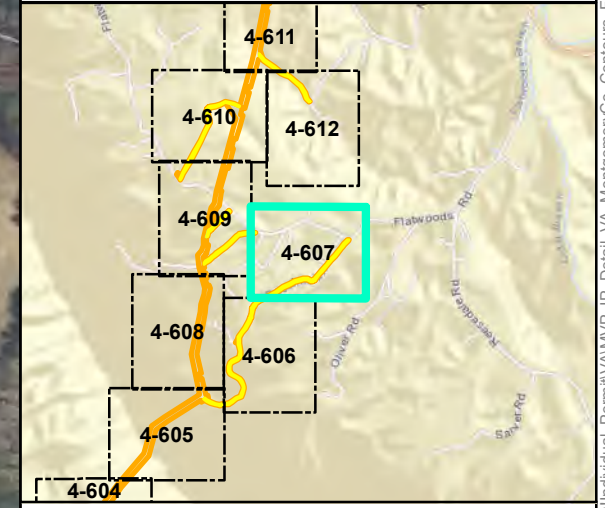
Legend

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

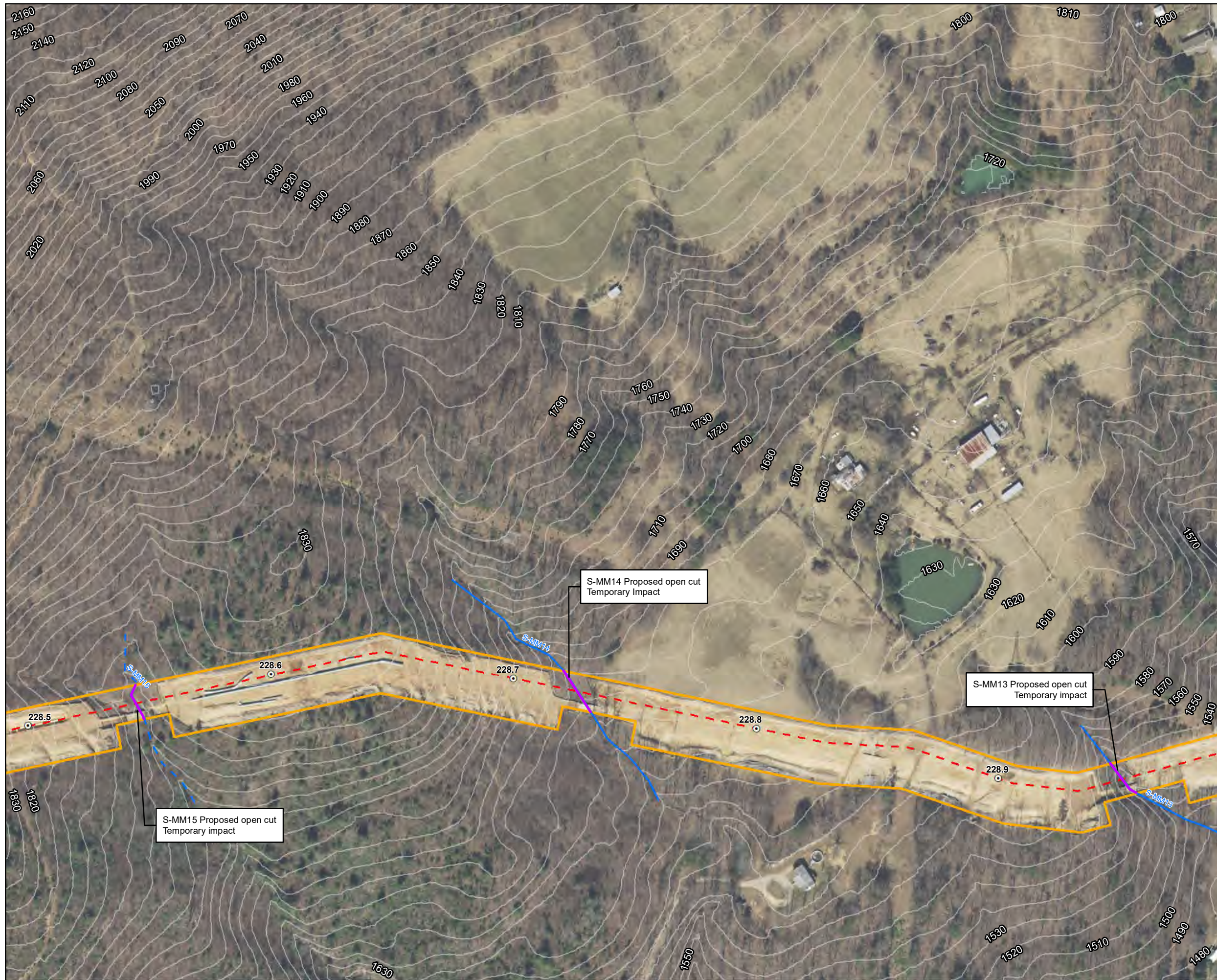
Detail Map
Individual Permit Application

Figure 4-607
Montgomery County, Virginia

February 2021

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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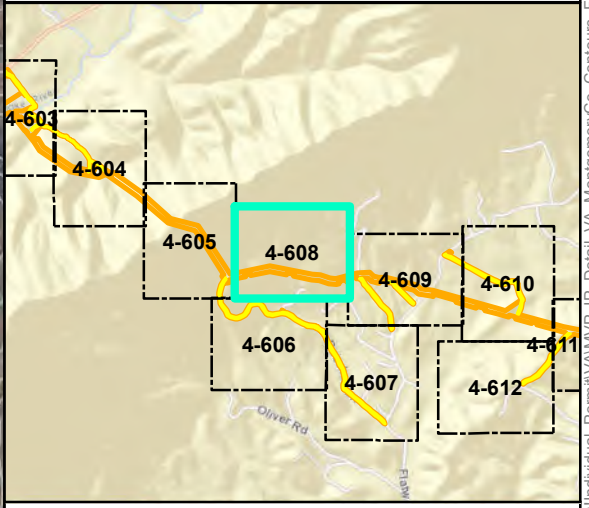


Legend

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



Mountain Valley Pipeline Project

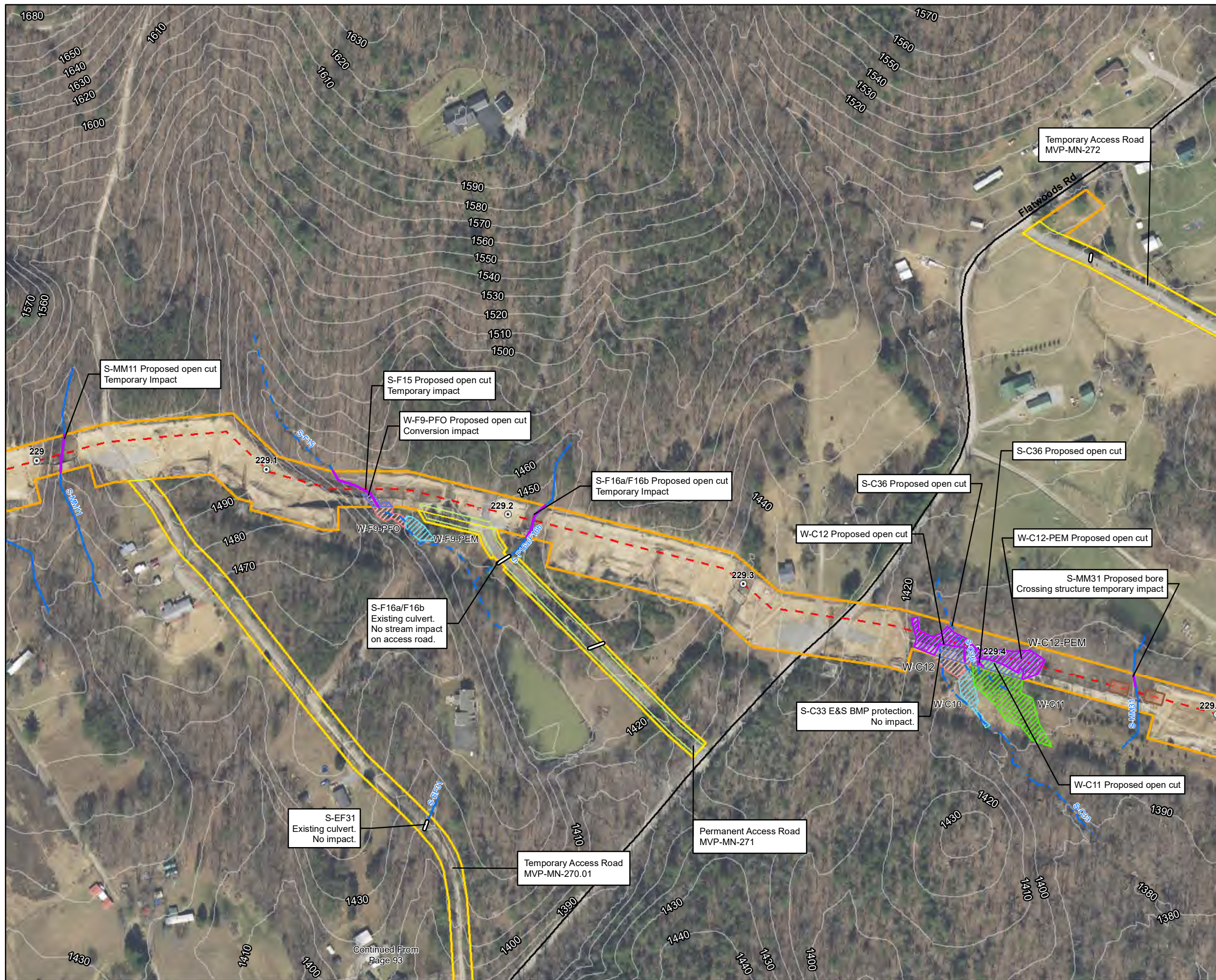
Detail Map
Individual Permit Application

Figure 4-608
Montgomery County, Virginia

February 2021

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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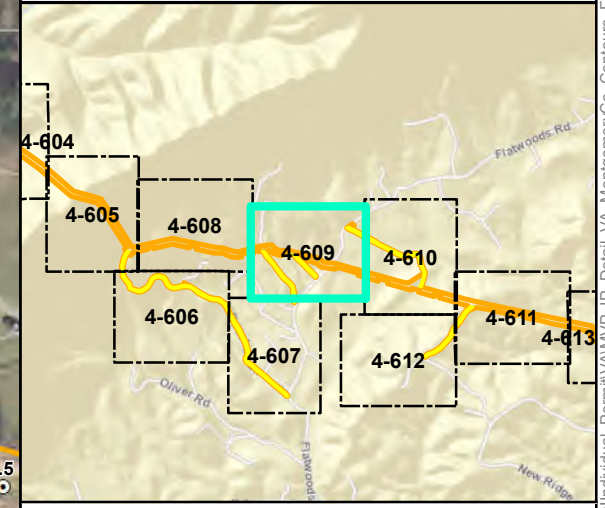
Legend

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

Detail Map
Individual Permit Application

Figure 4-609
Montgomery County, Virginia
February 2021

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



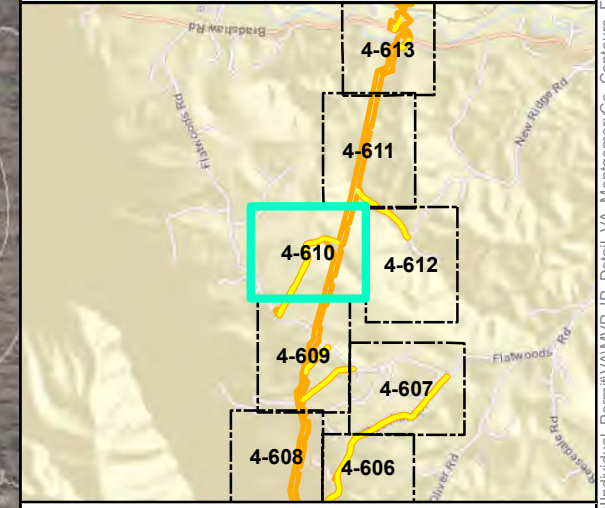
Legend

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

Detail Map
Individual Permit Application

Figure 4-610
Montgomery County, Virginia

February 2021

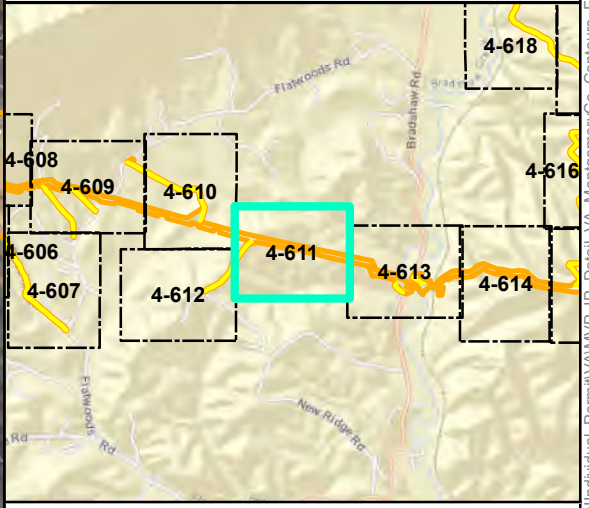
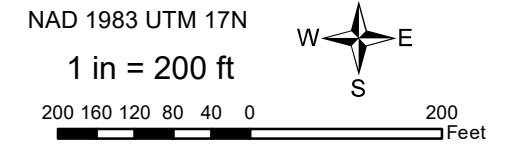
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Map Projection: NAD 1983 UTM 17N

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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.



Mountain Valley Pipeline Project

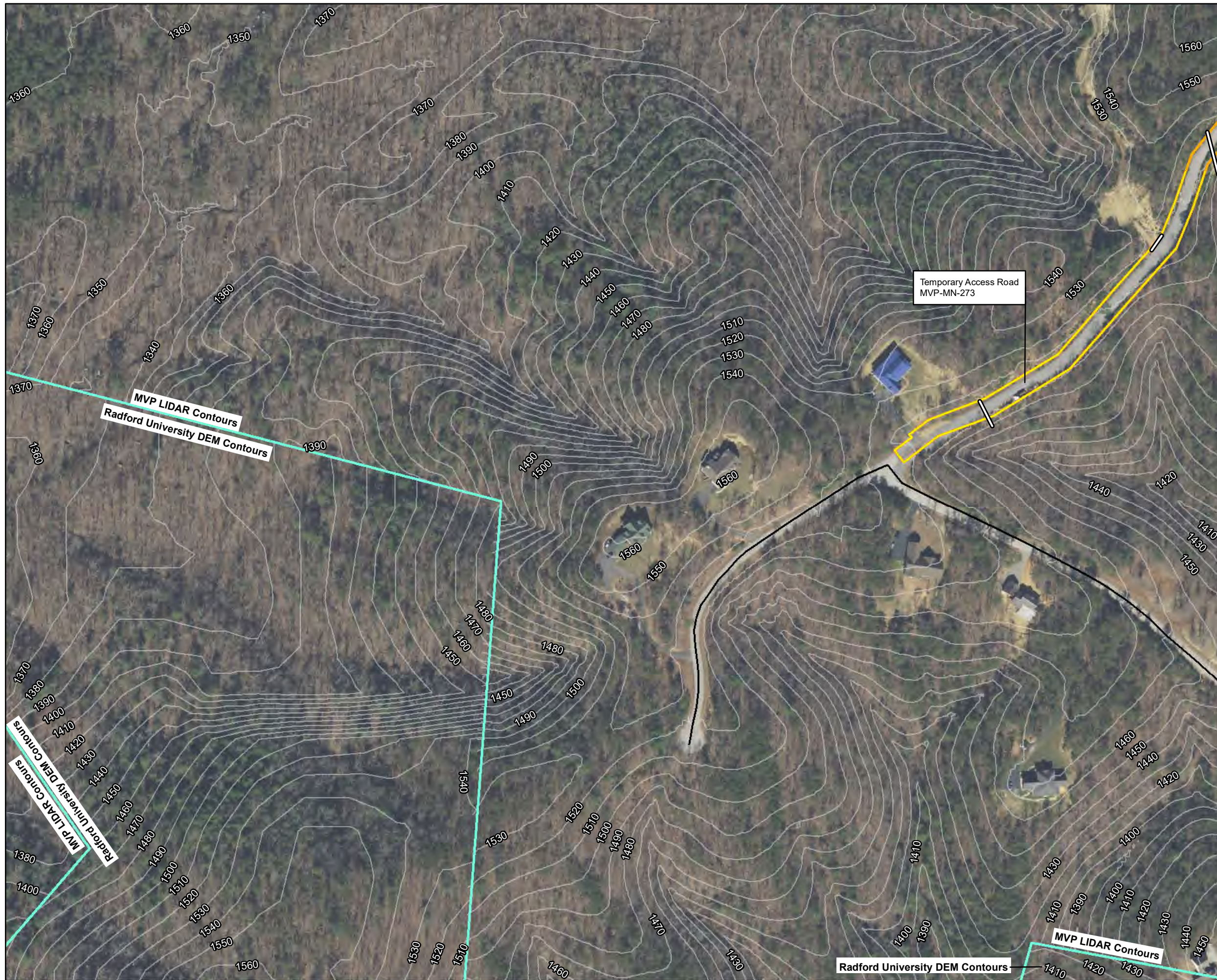


**Detail Map
Individual Permit Application**

Figure 4-611
Montgomery County, Virginia
February 2021

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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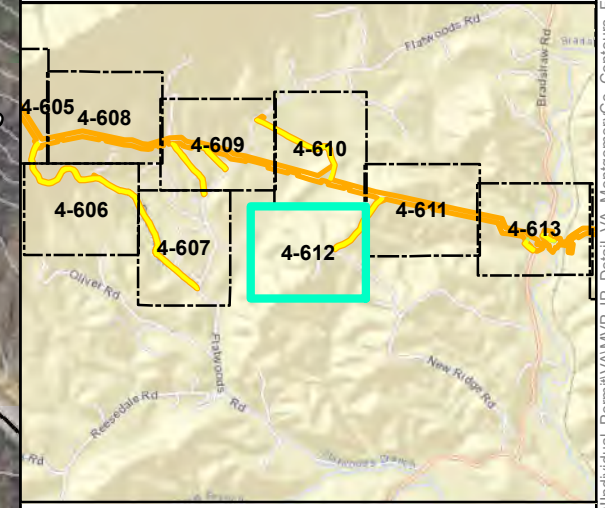


Legend

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



Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-612
Montgomery County, Virginia

February 2021

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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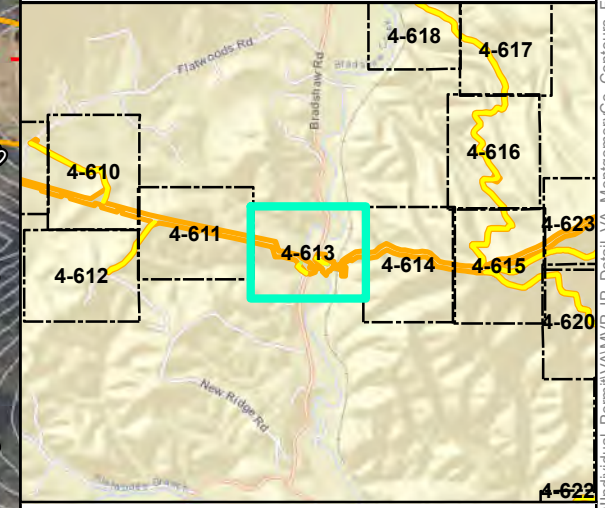


Legend

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



Permanent Access Road MVP-MN-274

Permanent Access Road MVP-MN-275

S-C21 Proposed bore Crossing structure temporary impact

S-0011 E&S BMP protection. No impact.

Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-613
Montgomery County, Virginia

February 2021

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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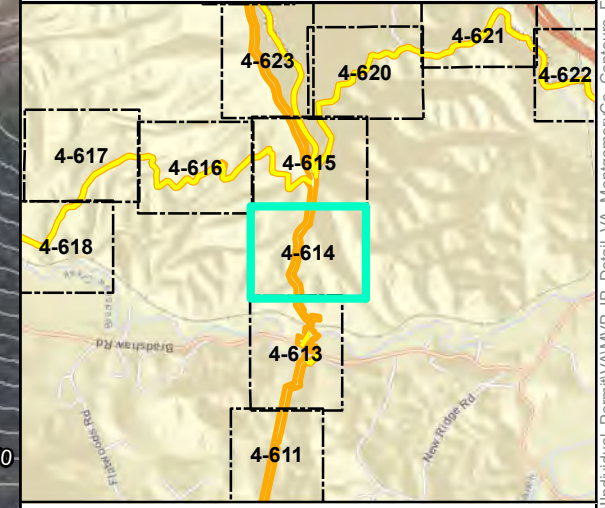


Legend

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



Mountain Valley Pipeline Project

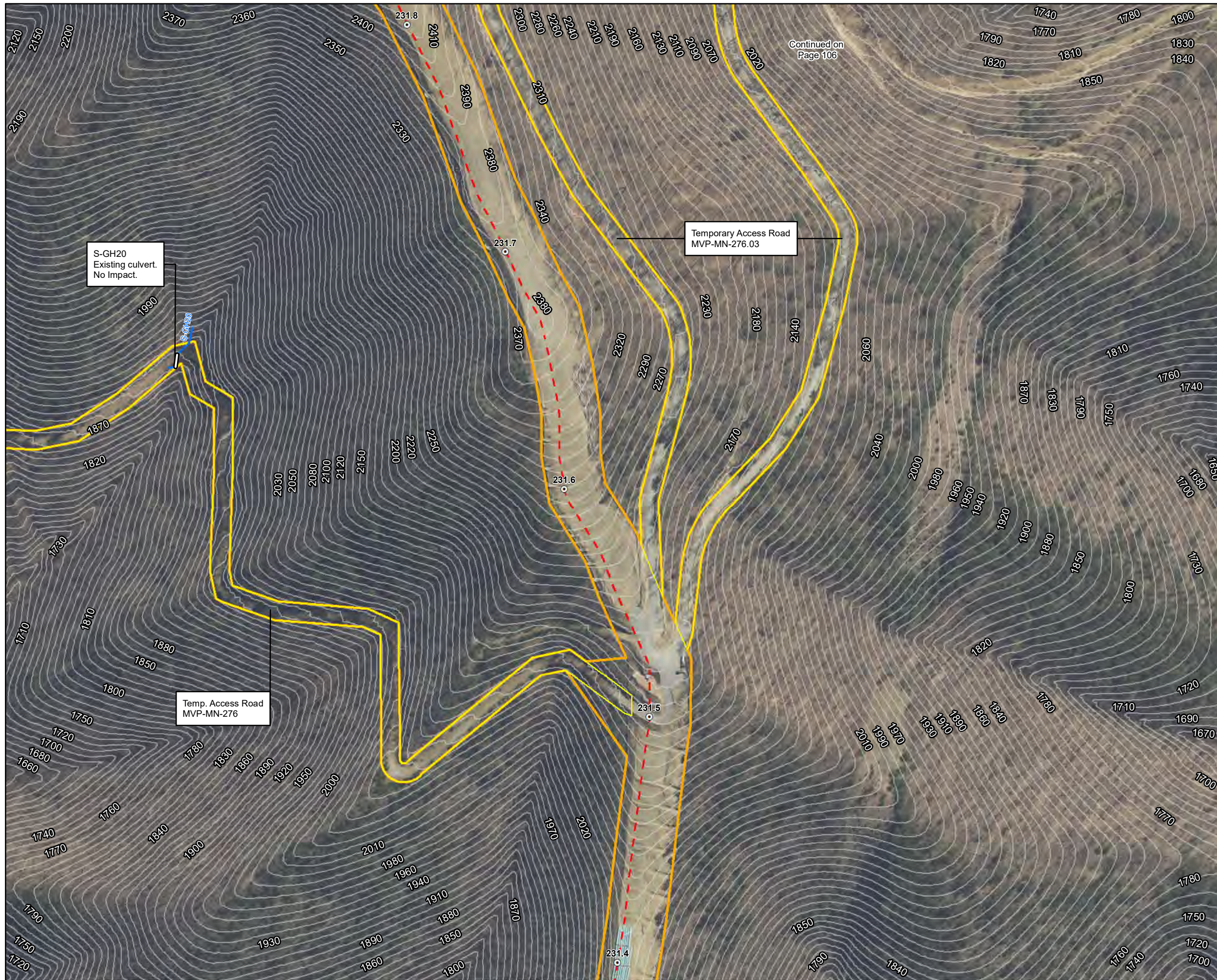
**Detail Map
Individual Permit Application**

Figure 4-614
Montgomery County, Virginia

February 2021

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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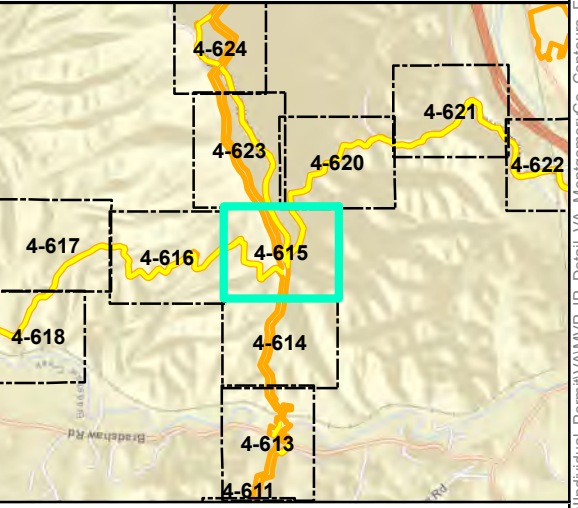
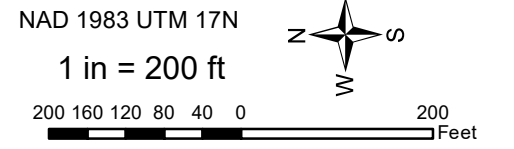


Continued on Page 106

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.



Mountain Valley Pipeline Project

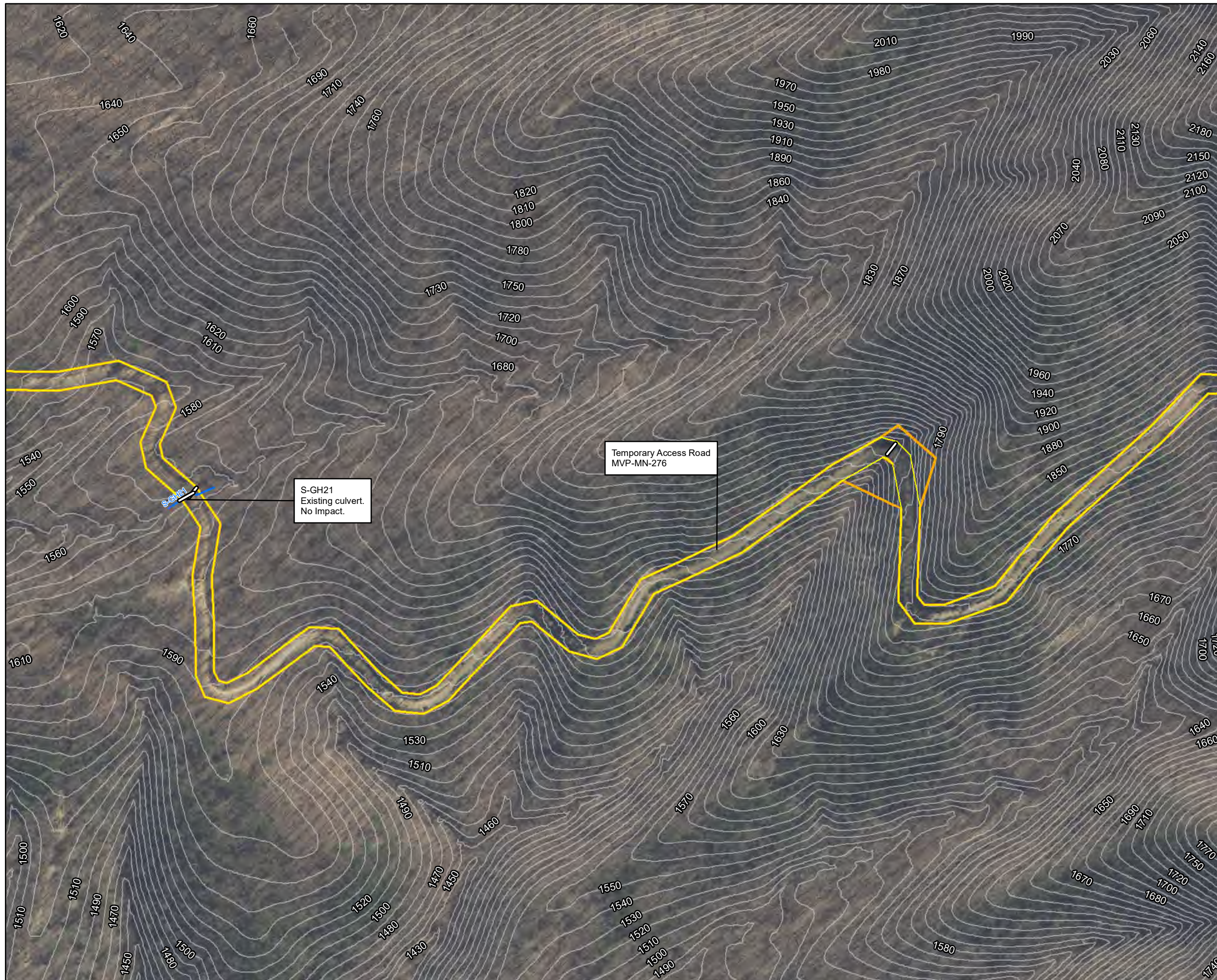


**Detail Map
Individual Permit Application**

Figure 4-615
Montgomery County, Virginia
February 2021

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\2016\GIS\EQT\MVP\Mapdocs\Wetlands\Individual_Permit\MVP_IP_Detail_VA_MontgomeryCo_Contours_Feb2021.mxd

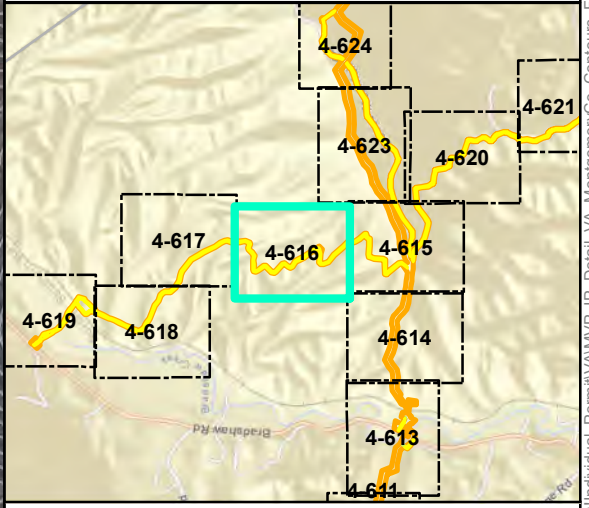
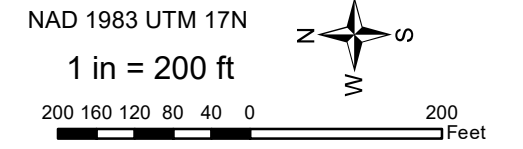


S-GH21
Existing culvert.
No Impact.

Temporary Access Road
MVP-MN-276

- 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.



Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-616
Montgomery County, Virginia
February 2021

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\01\012\GIS\EQT\MVP\Mapdocs\Wetlands\Individual_Permit\MN276_IP_Detail_VA_MontgomeryCo_Contours_Feb2021.mxd

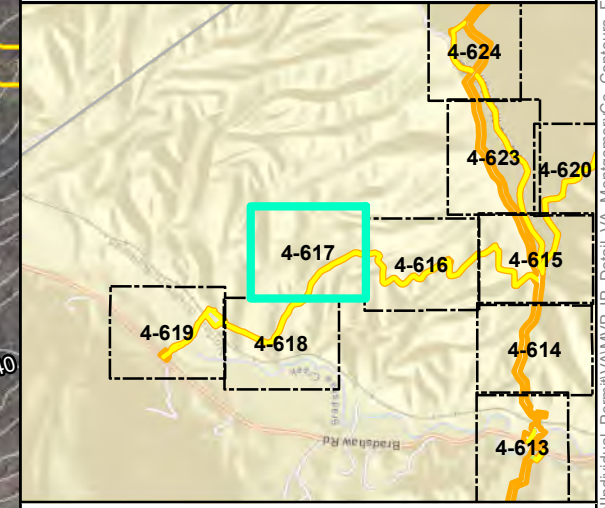


Legend

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



Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-617
Montgomery County, Virginia

February 2021

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



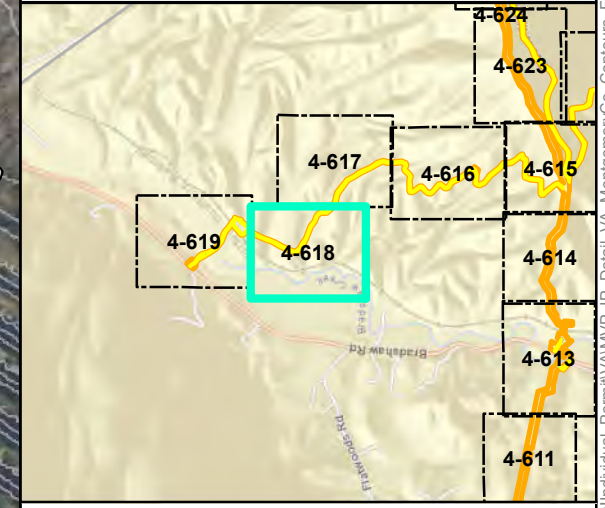
Legend

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

Detail Map
Individual Permit Application

Figure 4-618
Montgomery County, Virginia

February 2021

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\2016\GIS\EQT\MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Feb2021.mxd

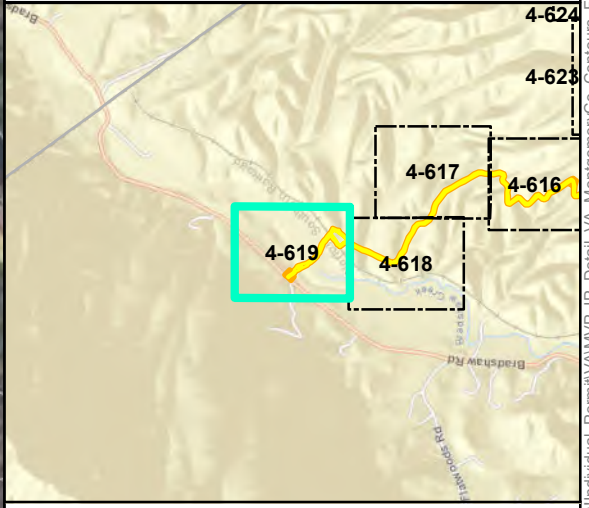


- Legend**
- Milepost
 - Alignment Centerline
 - Access Road Temporary LOD
 - Access Road Permanent LOD
 - Permanent Facility
 - Limit of Disturbance
 - Bore Pit
 - Culvert
 - Stream
 - Perennial
 - Intermittent
 - Ephemeral
 - ▨ Pond
 - ▨ Wetland
 - ▨ Palustrine Forested
 - ▨ Palustrine Emergent
 -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



S-0010
Existing bridge.
No impact.

Mountain Valley does not plan to use access road MVP-MN-276.01. No impact is anticipated to S-0010 at this crossing.

S-009
Existing culvert.
No impact.

S-009 Stream entirely spanned by temporary stream crossing structure. No impact.

Mountain Valley Pipeline Project

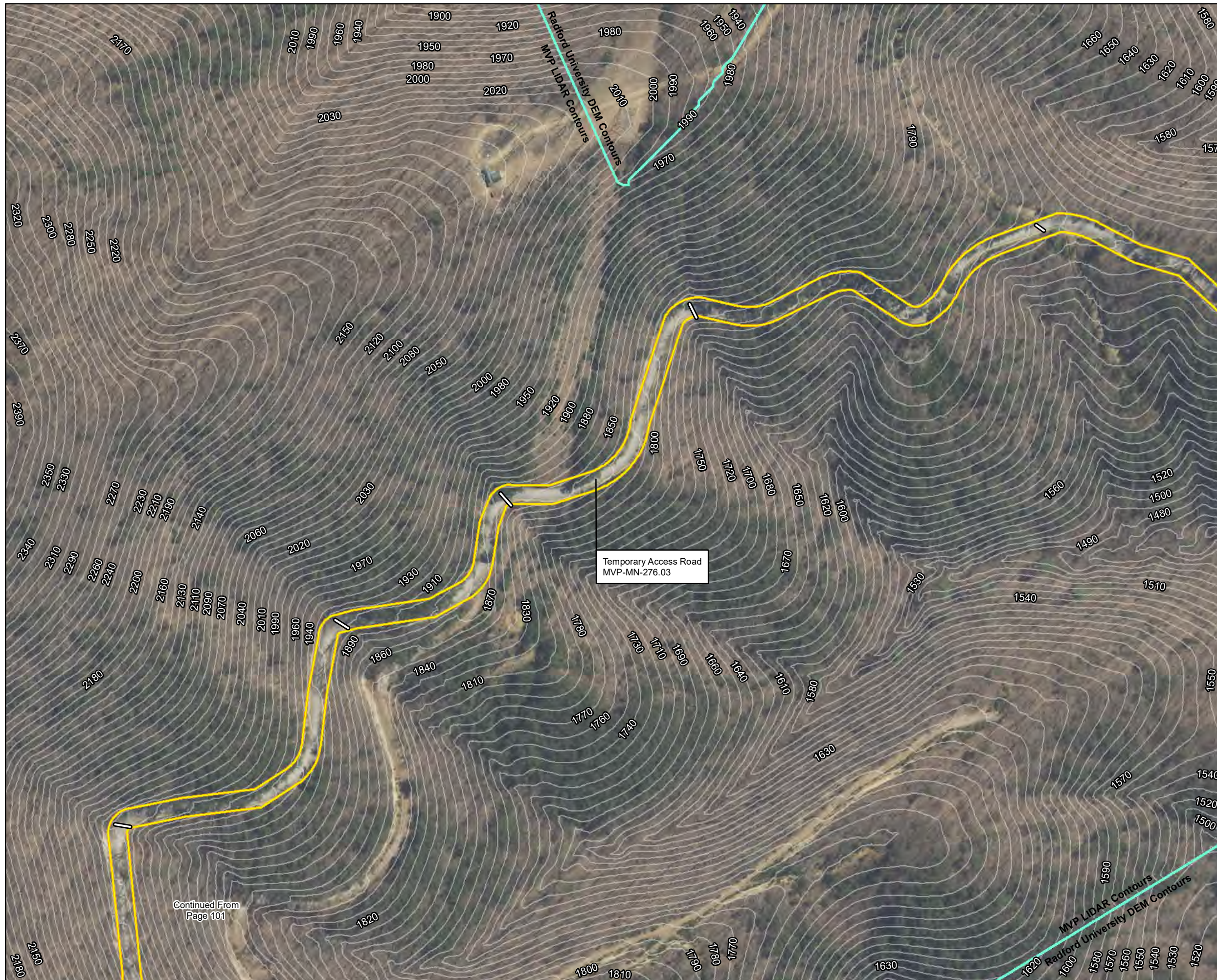


**Detail Map
Individual Permit Application**

Figure 4-619
Montgomery County, Virginia
February 2021

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\2016\GIS\EQT\MVP\MapDocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Feb2021.mxd

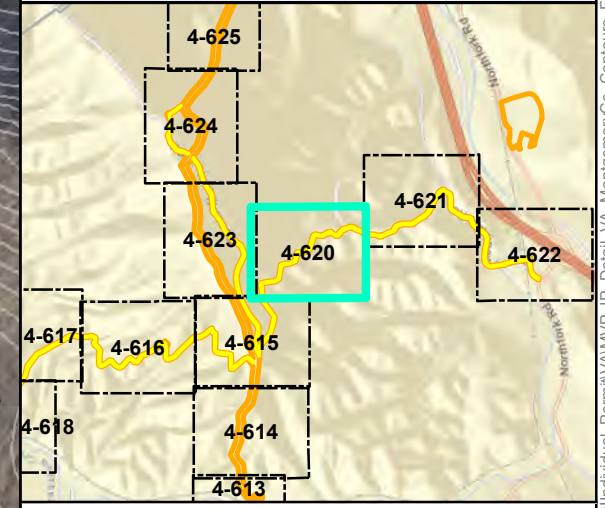


Legend

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



Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-620
Montgomery County, Virginia

February 2021

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\0162\GIS\EQT\MVP\Mapdocs\Wetlands\Individual_Permit\AMVP_IP_Detail_VA_MontgomeryCo_Contours_Feb2021.mxd

Continued From
Page 101

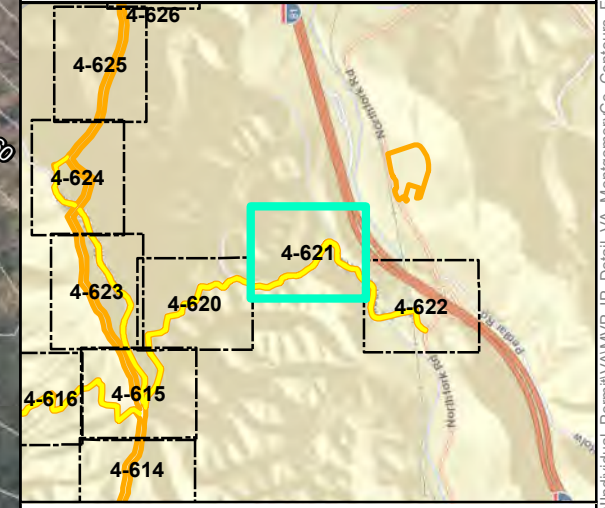


Legend

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



Mountain Valley Pipeline Project

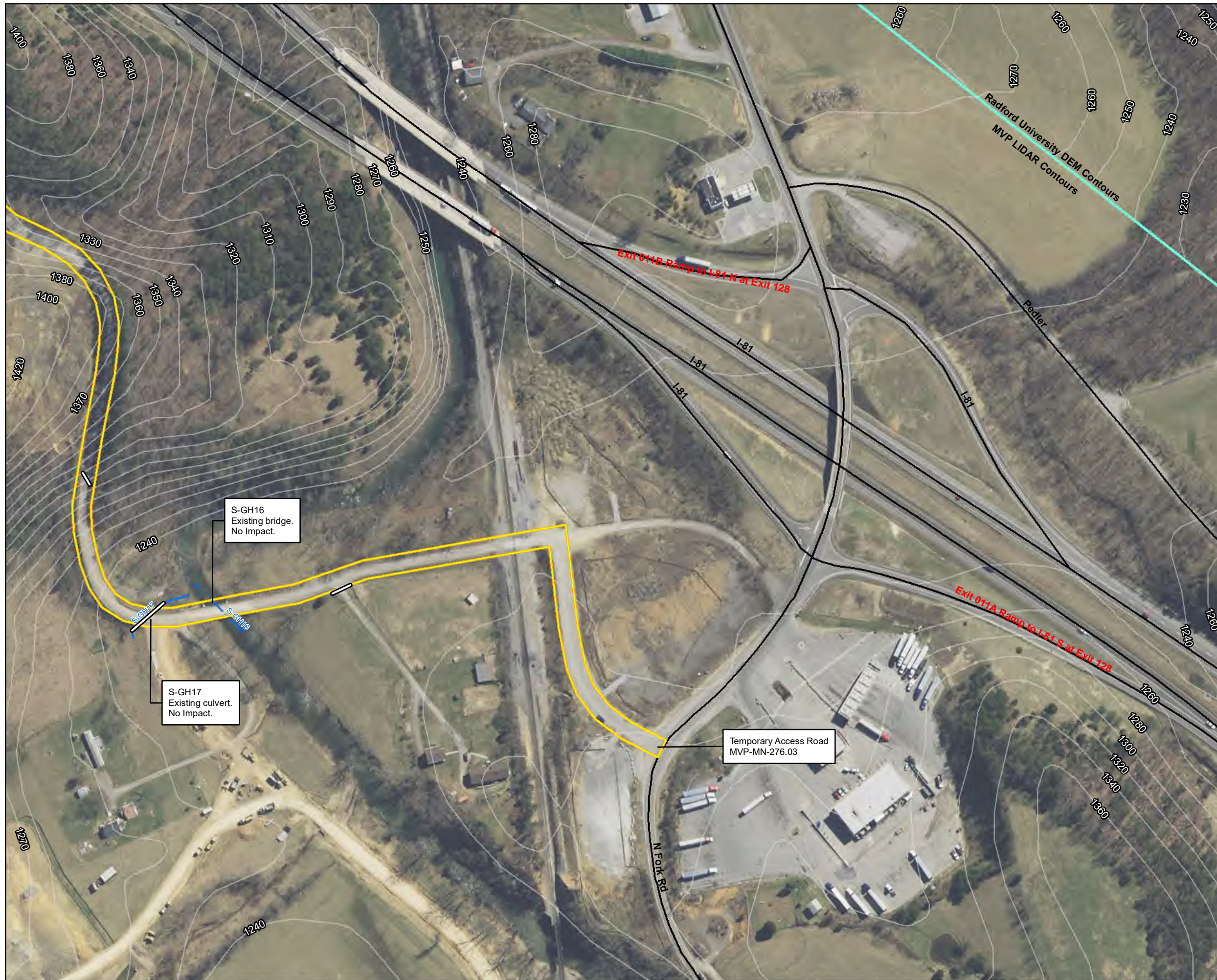
Detail Map
Individual Permit Application

Figure 4-621
Montgomery County, Virginia

February 2021

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 \tts01\062\GIS\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\AMVP_IP_Detail_VA_MontgomeryCo_Contours_Feb2021.mxd



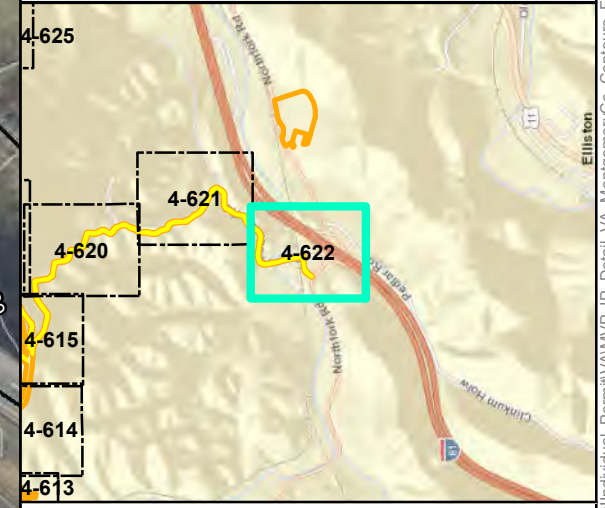
Legend

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

**Detail Map
Individual Permit Application**

Figure 4-622
Montgomery County, Virginia

February 2021

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

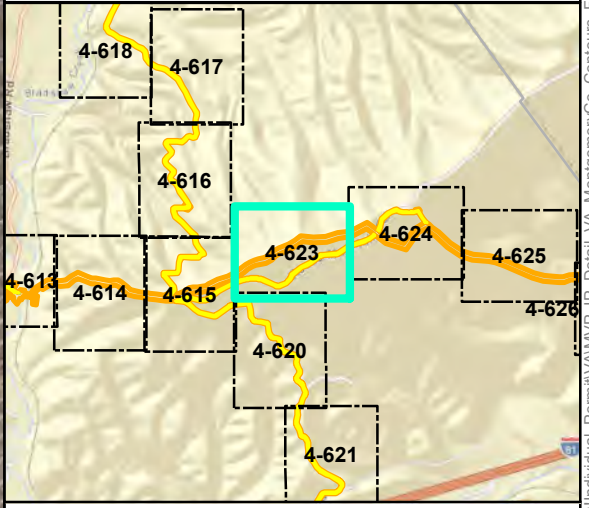
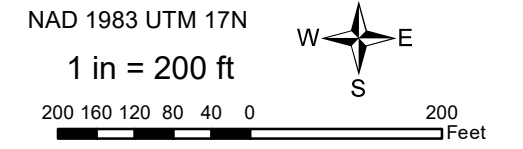
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Legend

- Milepost
- - - Alignment Centerline
- Access Road Temporary LOD
- Access Road Permanent LOD
- Permanent Facility
- Limit of Disturbance
- Bore Pit
- ▬ Culvert
- ⋯ Perennial Stream
- - - Intermittent Stream
- Ephemeral Stream
- ▨ 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.



Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-623
Montgomery County, Virginia
February 2021

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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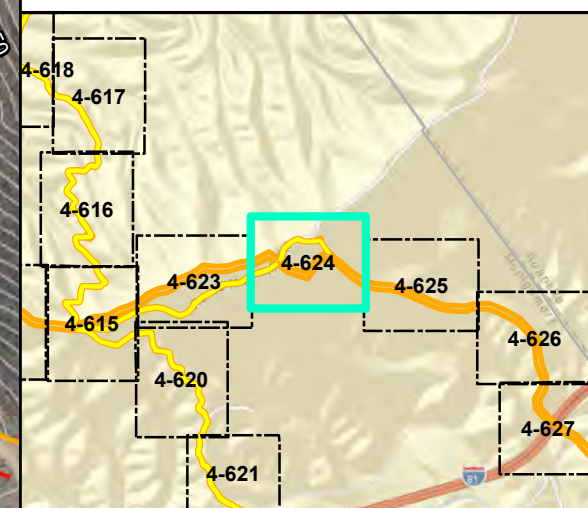


Legend

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



Mountain Valley Pipeline Project

**Detail Map
Individual Permit Application**

Figure 4-624
Montgomery County, Virginia
February 2021

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

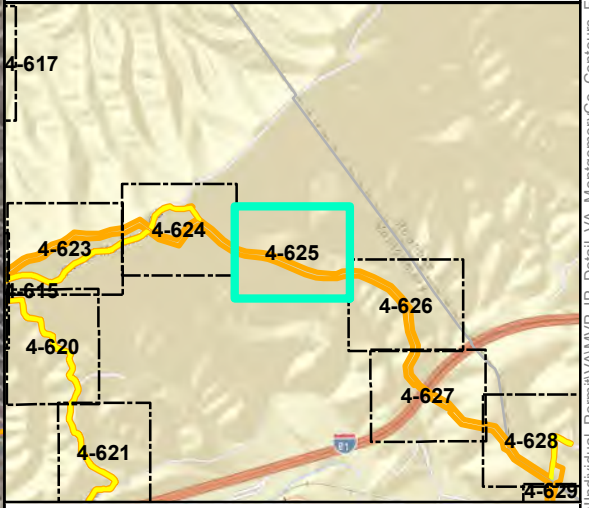
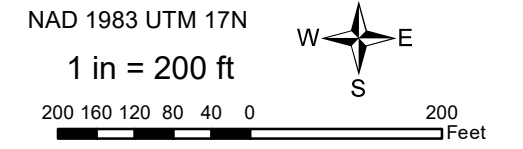
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Legend

- 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.



Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-625
Montgomery County, Virginia
February 2021

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

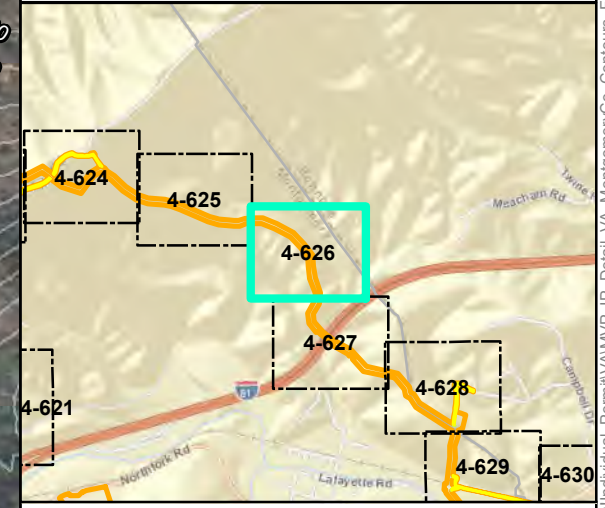


Legend

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



Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-626
Montgomery County, Virginia
February 2021

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\0162\GIS\EQT\MVP\Mapdocs\Wetlands\Individual_Permits\AMVP_IP_Detail_VA_MontgomeryCo_Contours_Feb2021.mxd

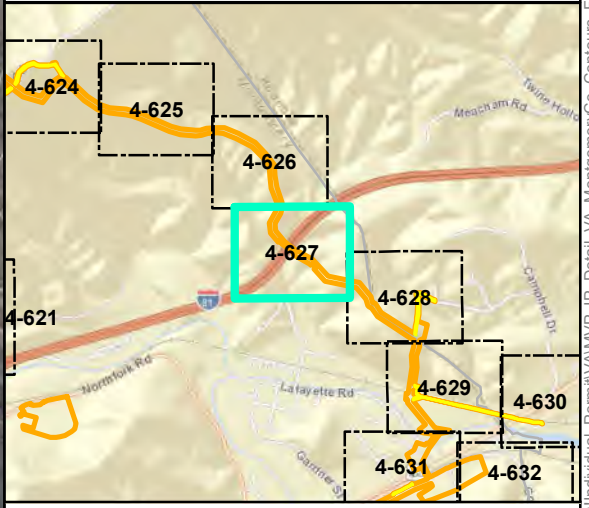


- Legend**
- Milepost
 - - - Alignment Centerline
 - Access Road Temporary LOD
 - Access Road Permanent LOD
 - Permanent Facility
 - Limit of Disturbance
 - Bore Pit
 - ▬ Culvert
 - Stream
 - ⋯ Perennial
 - - - Intermittent
 - Ephemeral
 - ▨ Pond
 - Wetland
 - ▨ Palustrine Forested
 - ▨ Palustrine Emergent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

Detail Map
Individual Permit Application

Figure 4-627
Montgomery County, Virginia

February 2021

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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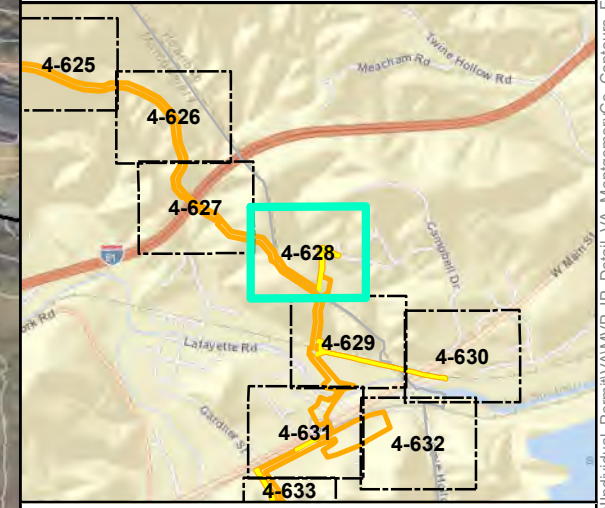


Legend

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



Mountain Valley Pipeline Project

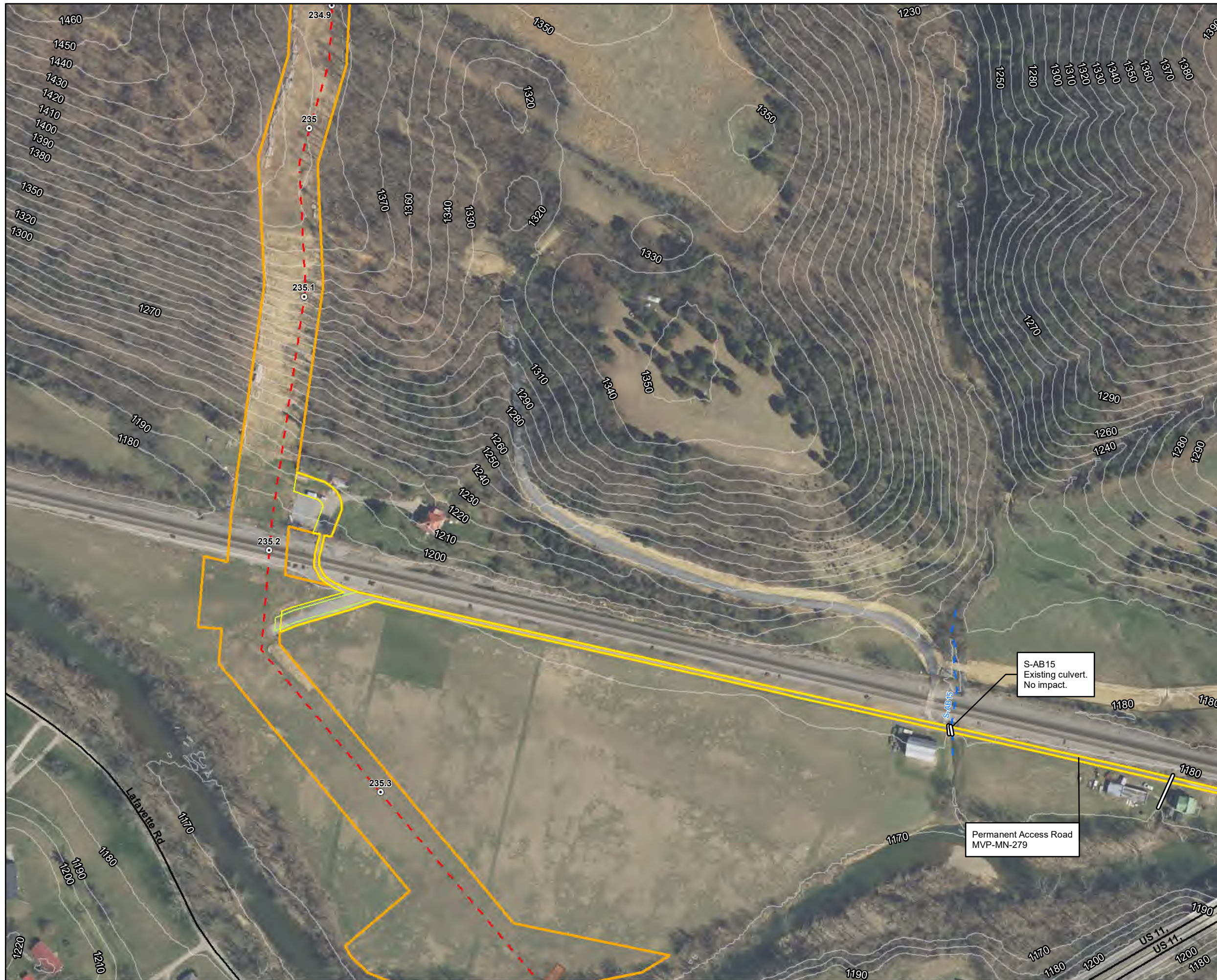
Detail Map
Individual Permit Application

Figure 4-628
Montgomery/Roanoke County, Virginia

February 2021

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

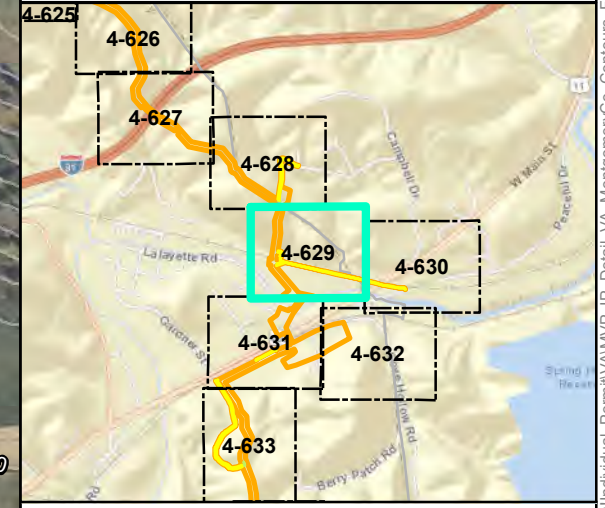
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- ### Legend
- Milepost
 - - - Alignment Centerline
 - Access Road Temporary LOD
 - Access Road Permanent LOD
 - Permanent Facility
 - Limit of Disturbance
 - Bore Pit
 - ▬ Culvert
 - Stream
 - · · Perennial
 - - - Intermittent
 - Ephemeral
 - ▨ Pond
 - 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



Mountain Valley Pipeline Project



Detail Map Individual Permit Application

Figure 4-629
Montgomery/Roanoke County, Virginia
February 2021

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\2016\GIS\EQT\MVP\MapDocs\Wetlands\Individual_Permit\4-629_VA_MontgomeryCo_Contours_Feb2021.mxd



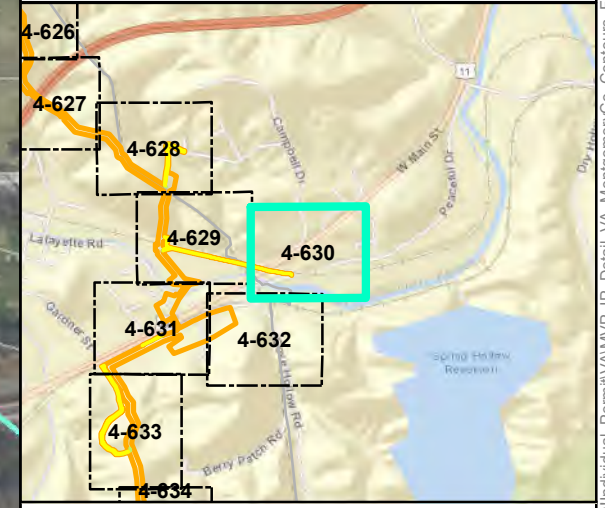
Legend

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

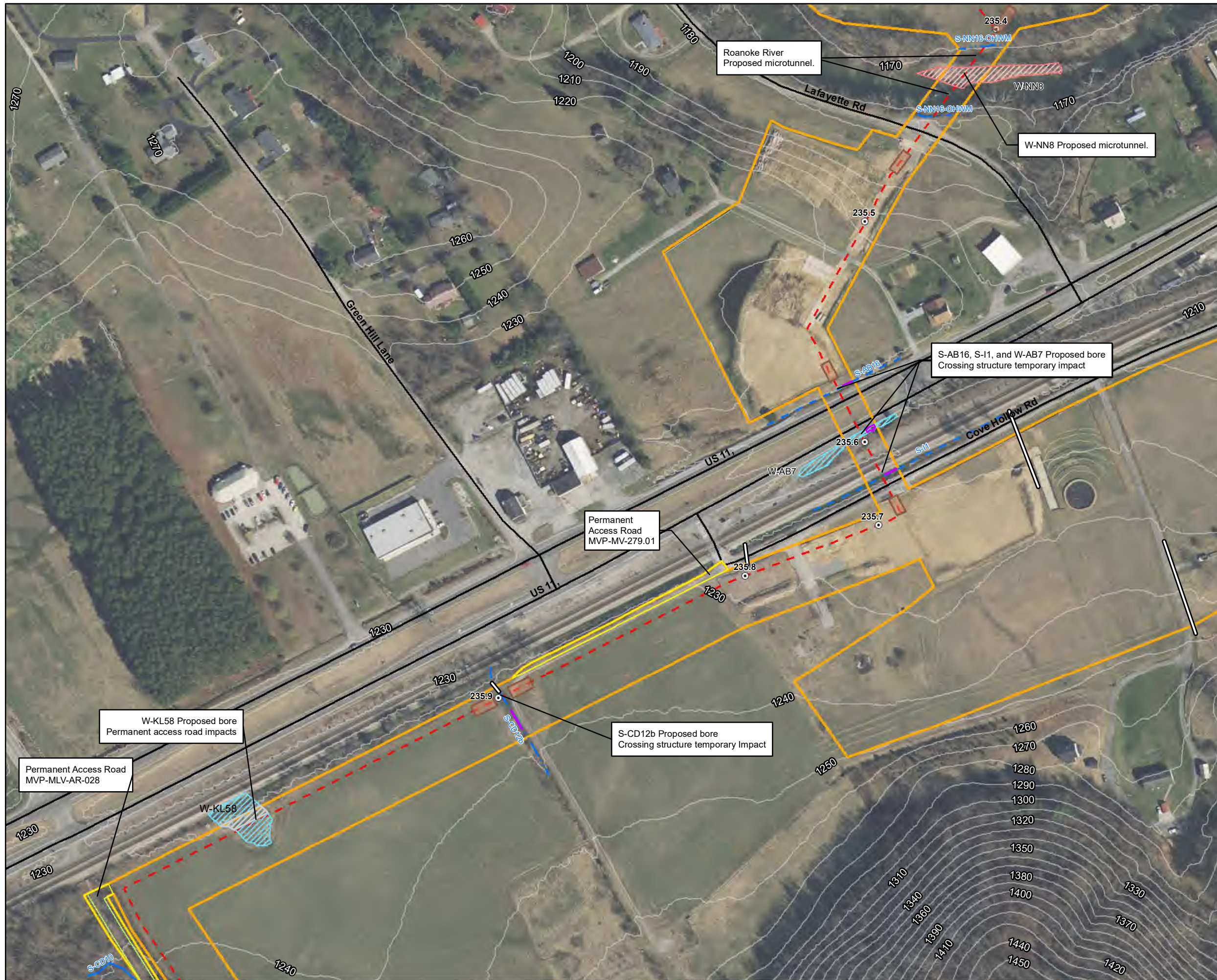
Detail Map
Individual Permit Application

Figure 4-630
Montgomery/Roanoke County, Virginia

February 2021

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 \tts01\062\GIS\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\AMVP_IP_Detail_VA_MontgomeryCo_Contours_Feb2021.mxd



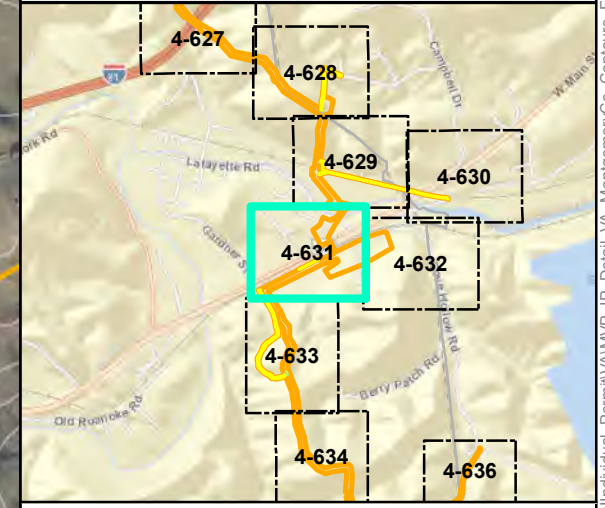
Legend

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

Detail Map
Individual Permit Application

Figure 4-631
Montgomery County, Virginia
February 2021

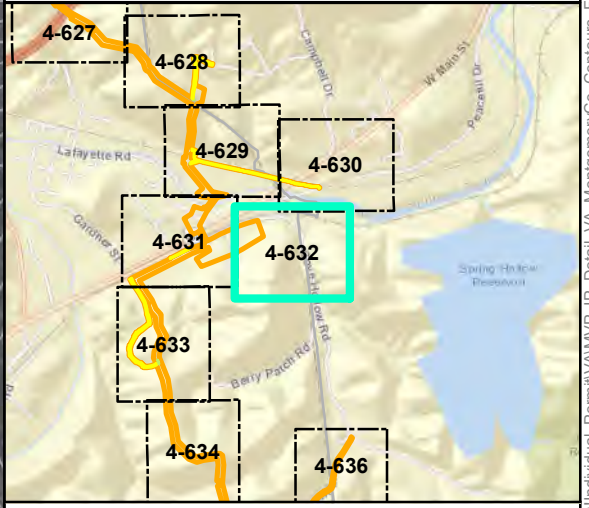
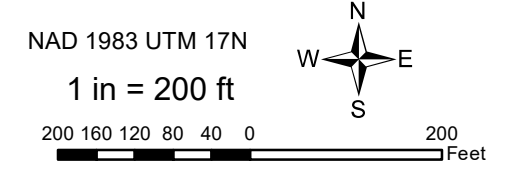
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Document Path: P:\GIS\010152\GIS\GIS\EQT_MVP\Mapdocs\Wetlands\Individual_Permit\VA\MVP_IP_Detail_VA_MontgomeryCo_Contours_Feb2021.mxd



- ### 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.



Mountain Valley Pipeline Project



Detail Map Individual Permit Application

Figure 4-632
Montgomery County, Virginia
February 2021

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\2016\GIS\EQT\MVP\MapDocs\Wetlands\Individual_Permit\AMVP_IP_Detail_VA_MontgomeryCo_Contours_Feb2021.mxd



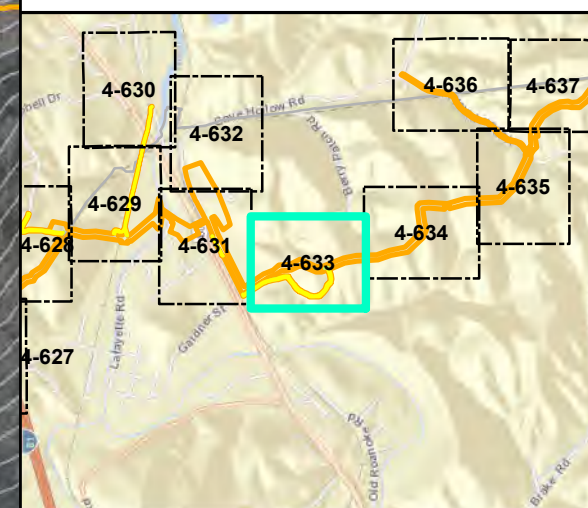
Legend

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

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



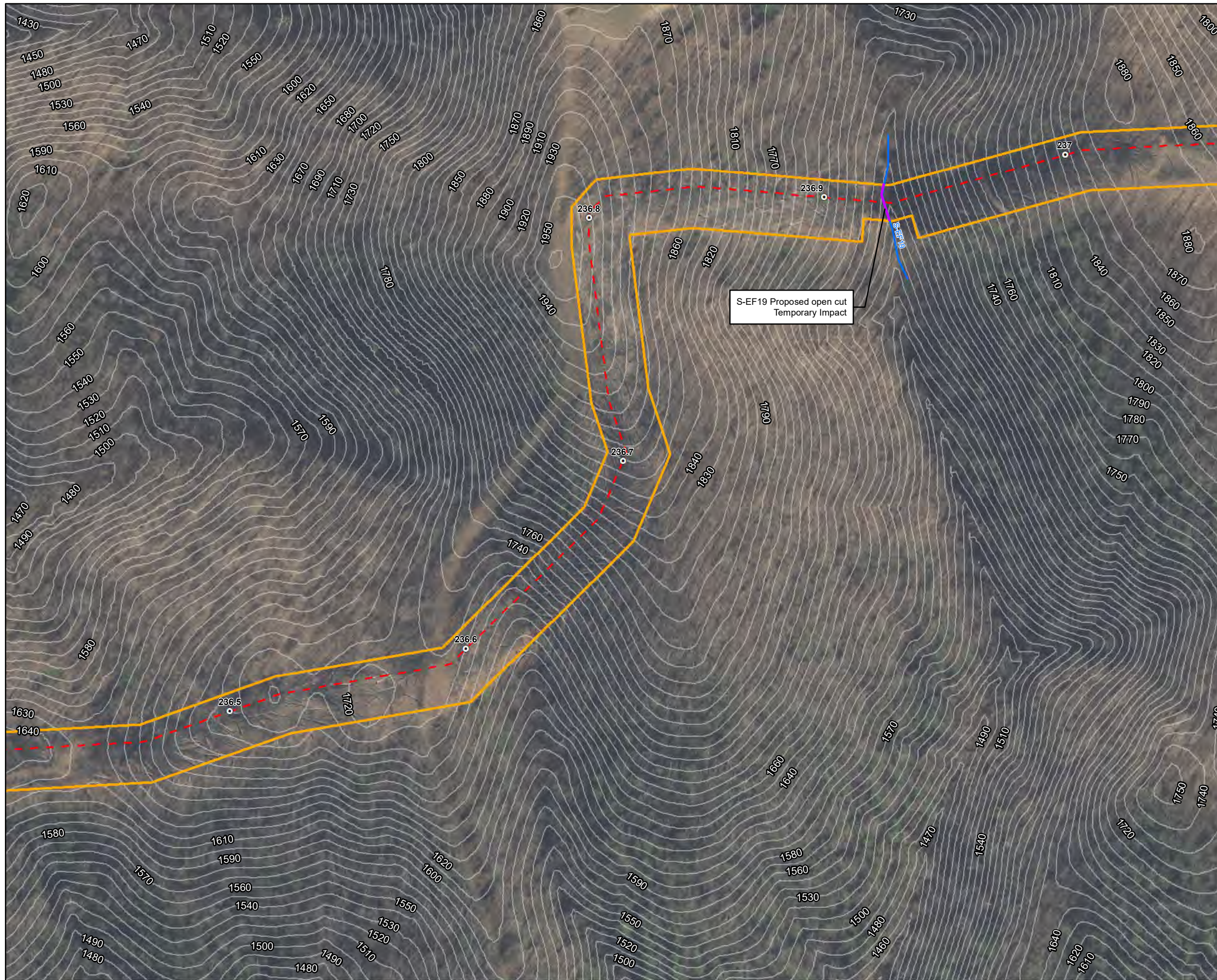
Mountain Valley Pipeline Project

Detail Map
Individual Permit Application

Figure 4-633
Montgomery County, Virginia

February 2021

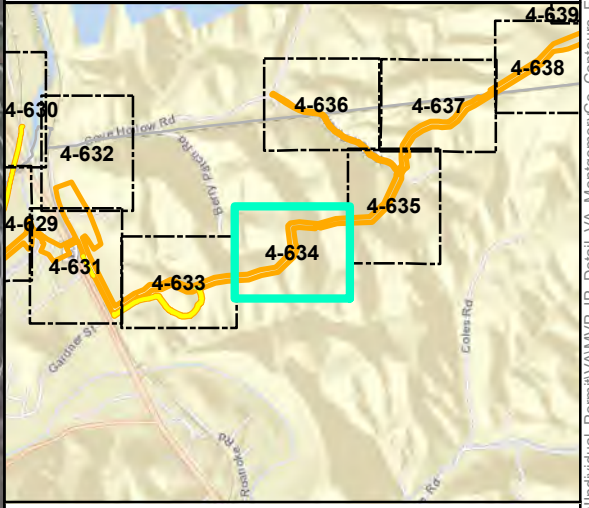
Data Sources: ESRI Streaming Data 2014. Elevation data derived from LIDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N



- 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



Mountain Valley Pipeline Project



Detail Map
Individual Permit Application

Figure 4-634
Montgomery County, Virginia

February 2021

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

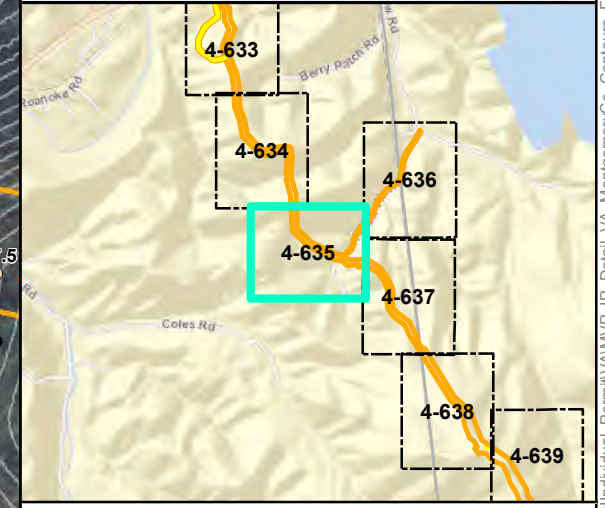
Document Path: PGH \tts01\01s2\GIS\GIS\EQT\MVP\Mapdocs\Wetlands\Individual_Permit\AMVP_IP_Detail_VA_MontgomeryCo_Contours_Feb2021.mxd



- ### 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



Mountain Valley Pipeline Project



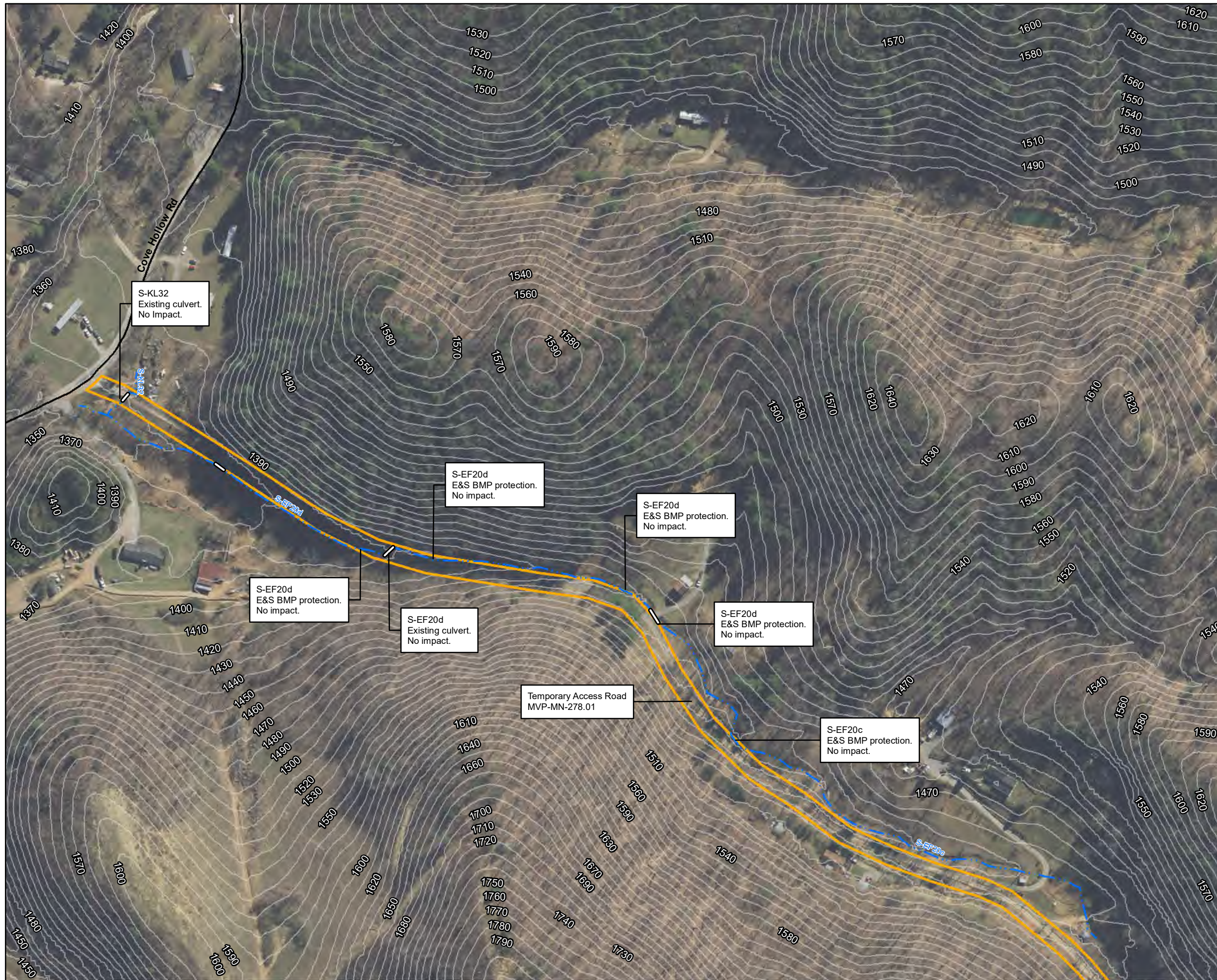
Detail Map
Individual Permit Application

Figure 4-635
Montgomery County, Virginia

February 2021

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\01\012\GIS\EQT\MVP\Mapdocs\Wetlands\Individual_Permit\AMVP_IP_Detail_VA_MontgomeryCo_Contours_Feb2021.mxd

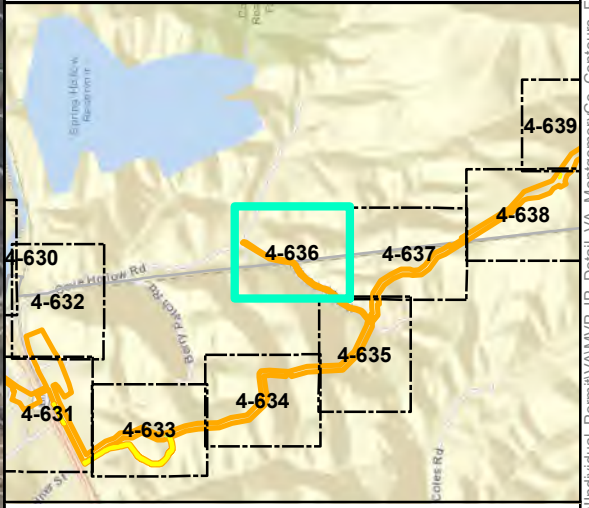


Legend

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



Mountain Valley Pipeline Project



Detail Map
Individual Permit Application

Figure 4-636
Montgomery/Roanoke County, Virginia

February 2021

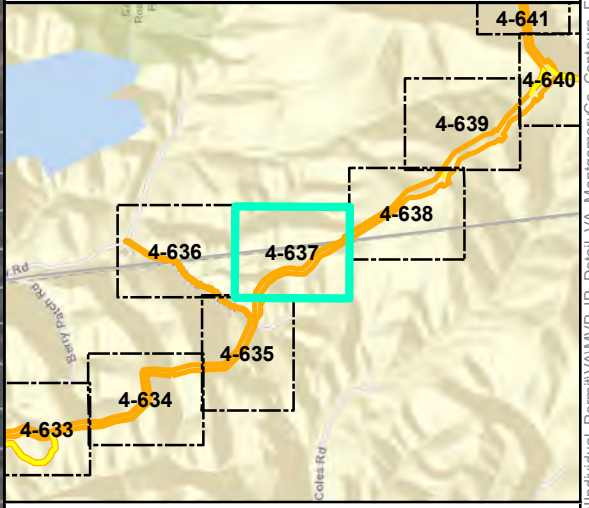
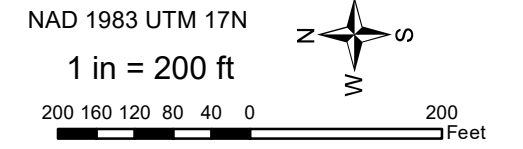
Data Sources: ESRI Streaming Data 2014. Elevation data derived from LIDAR provided by EQT 2016 and from Radford University DEM files.
Map Projection: NAD 1983 UTM 17N

Document Path: P:\GIS\0162\GIS\EQT\MVP\Mapdocs\Wetlands\Individual_Permit\AMVP_IP_Detail_VA_MontgomeryCo_Contours_Feb2021.mxd

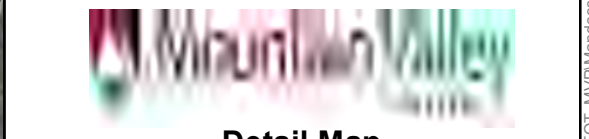


- Legend**
- Milepost
 - - - Alignment Centerline
 - Access Road Temporary LOD
 - Access Road Permanent LOD
 - Permanent Facility
 - Limit of Disturbance
 - Bore Pit
 - ▬ Culvert
 - Stream
 - ⋯ Perennial
 - - - Intermittent
 - Ephemeral
 - ▨ Pond
 - Wetland
 - ▨ Palustrine Forested
 - ▨ Palustrine Emergent
 - ▨ 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.



Mountain Valley Pipeline Project



**Detail Map
Individual Permit Application**

Figure 4-637
Montgomery County, Virginia

February 2021

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