

APPENDIX S

Visual Simulations

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APPENDIX S-1

Visual Simulations

Mountain Valley Project

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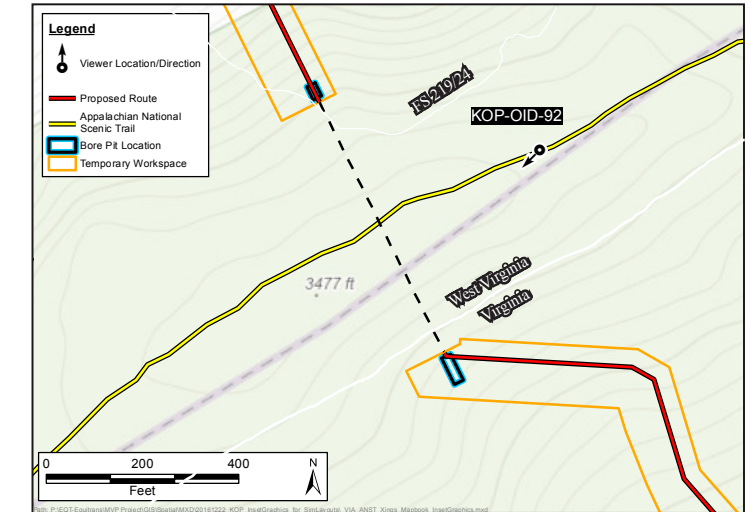
APPENDIX S-1

Visual Simulations

Mountain Valley Project

Jefferson National Forest

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Photograph Information

Time of photograph: 1:42 PM

Date of photograph: 12.2.2016

Weather condition: Partly sunny

Viewing direction: Southwest

Latitude: 37°24'10.95"N

Longitude: 80°41'19.74"W

Photo Location: Appalachian National Scenic Trail on Peters Mountain in West Virginia. Photo taken from a location adjacent to the pipeline crossing the trail approximately 1 mile south of CR 219-24, and approximately 2 miles northwest of the community of Goldbond, Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

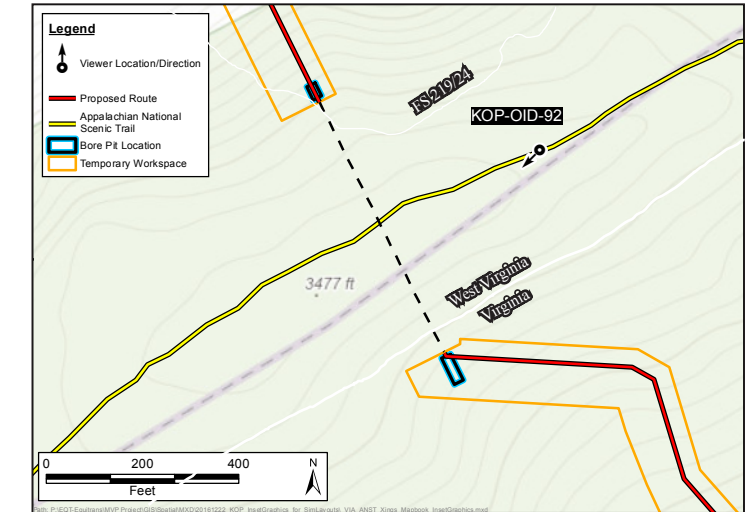


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point OID-92



Post Construction (Leaf-off conditions) - Viewers from KOP OID-92 may see some thinning of trees. The white arrow indicates the direction in which the bore pit would be located, approximately 350 feet from the viewpoint. The bore pit would be located approximately 49 feet in elevation below the visible horizon from this viewpoint.



Photograph Information

Time of photograph: 1:42 PM

Date of photograph: 12.2.2016

Weather condition: Partly sunny

Viewing direction: Southwest

Latitude: 37°24'10.95"N

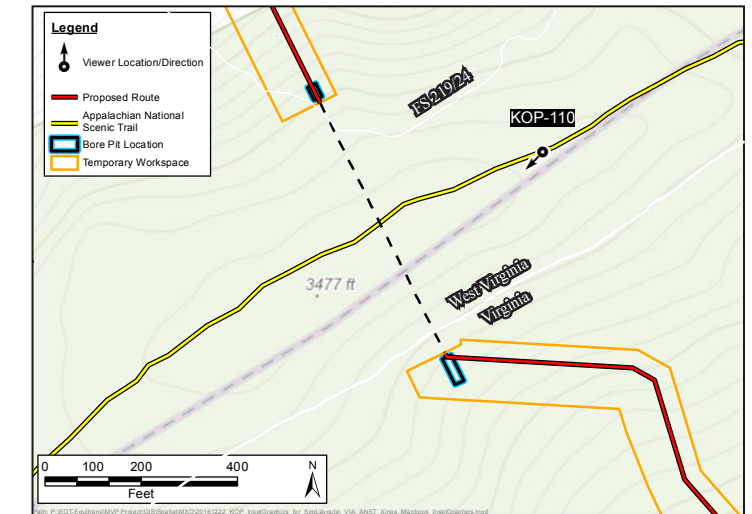
Longitude: 80°41'19.74"W

Photo Location: Appalachian National Scenic Trail on Peters Mountain in West Virginia. Photo taken from a location adjacent to the pipeline crossing the trail approximately 1 mile south of CR 219-24, and approximately 2 miles northwest of the community of Goldbond, Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point OID-92



Photograph Information

Time of photograph: 11:00 AM

Date of photograph: 8.6.2015

Weather condition: Mostly Sunny

Viewing direction: Southwest

Latitude: 37°24'10.89"N

Longitude: 80°41'19.73"W

Photo Location: Appalachian National Scenic Trail on Peters Mountain in West Virginia. Photo taken from approximately 350 feet northeast of the pipeline crossing the trail.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

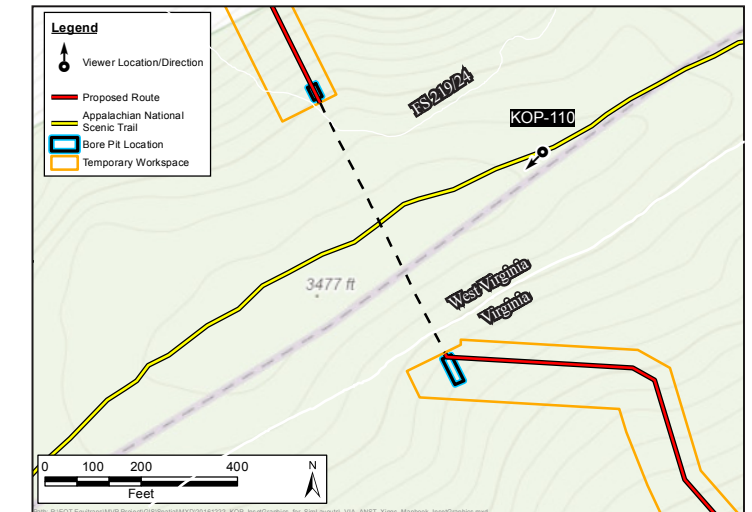


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 110



Post Construction (Leaf-on conditions) - From KOP 110, the Project is not visible as the bore pit and pipeline are located approximately 350 feet from the viewpoint and would be screened by terrain and vegetation.



Photograph Information

Time of photograph: 11:00 AM

Date of photograph: 8.6.2015

Weather condition: Mostly Sunny

Viewing direction: Southwest

Latitude: 37°24'10.89"N

Longitude: 80°41'19.73"W

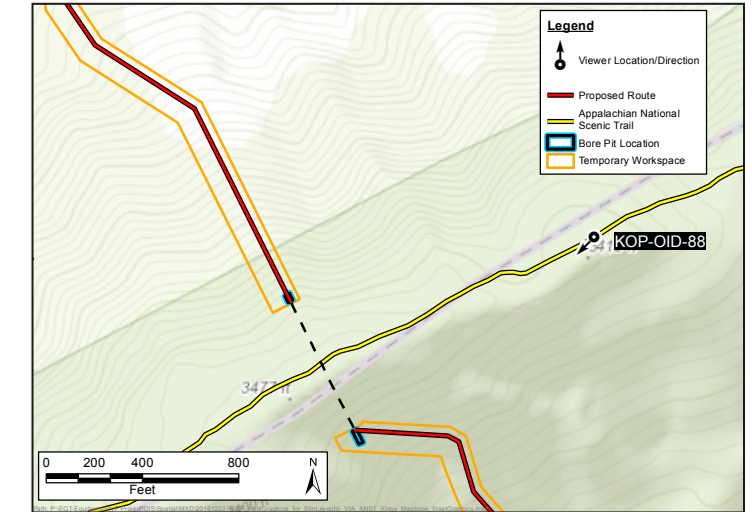
Photo Location: Appalachian National Scenic Trail on Peters Mountain in West Virginia. Photo taken from approximately 350 feet northeast of the pipeline crossing the trail.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.



Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 110



Photograph Information

Time of photograph: 1:29 PM

Date of photograph: 12.2.2016

Weather condition: Overcast

Viewing direction: Southwest

Latitude: 37° 24' 14.72" N

Longitude: 80° 41' 9.82" W

Photo Location: Photo taken from the Appalachian National Scenic Trail on Peters Mountain approximately 0.25 mile northeast the pipeline crossing, and approximately 5.5 miles north of the Town of Pearisburg, Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

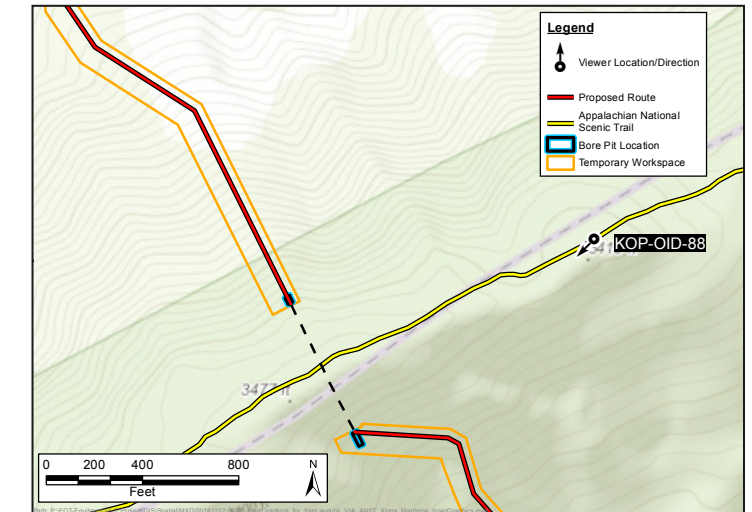


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point OID-88



Post Construction (Leaf-off conditions) - From KOP OID-88 looking southwest down the trail, the Project will not be visible as the pipeline and bore pits would be screened by vegetation and terrain. The red arrows indicate the direction in which the pipeline would be located, approximately 0.25 mile from the viewpoint. The white arrow indicates the direction in which the bore pit would be located, approximately 0.25 mile from the viewpoint.



Photograph Information

Time of photograph: 1:29 PM

Date of photograph: 12.2.2016

Weather condition: Overcast

Viewing direction: Southwest

Latitude: 37° 24' 14.72" N

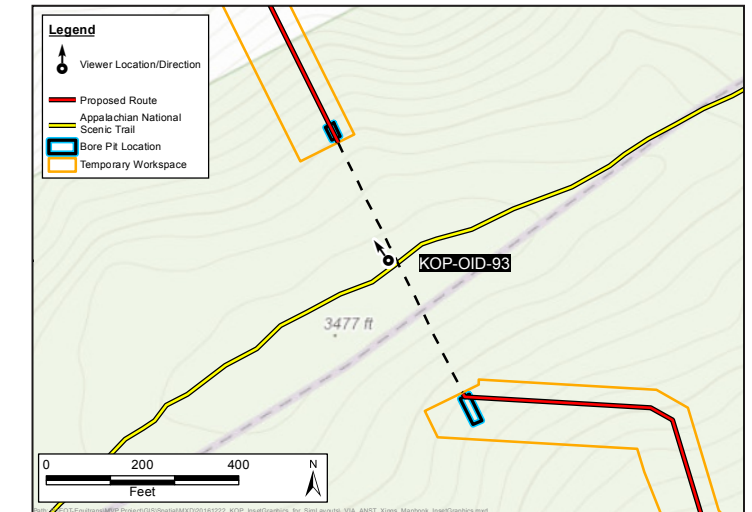
Longitude: 80° 41' 9.82" W

Photo Location: Photo taken from the Appalachian National Scenic Trail on Peters Mountain approximately 0.25 mile northeast the pipeline crossing, and approximately 5.5 miles north of the Town of Pearisburg, Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point OID-88



Photograph Information

Time of photograph: 1:47 PM

Date of photograph: 12.2.2016

Weather condition: Overcast

Viewing direction: Northwest

Latitude: 37° 24' 9.60" N

Longitude: 80° 41' 24.15" W

Photo Location: Photo taken from the Appalachian National Scenic Trail where the proposed pipeline crosses Peters Mountain, approximately 5.5 miles north of the Town of Pearisburg, Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

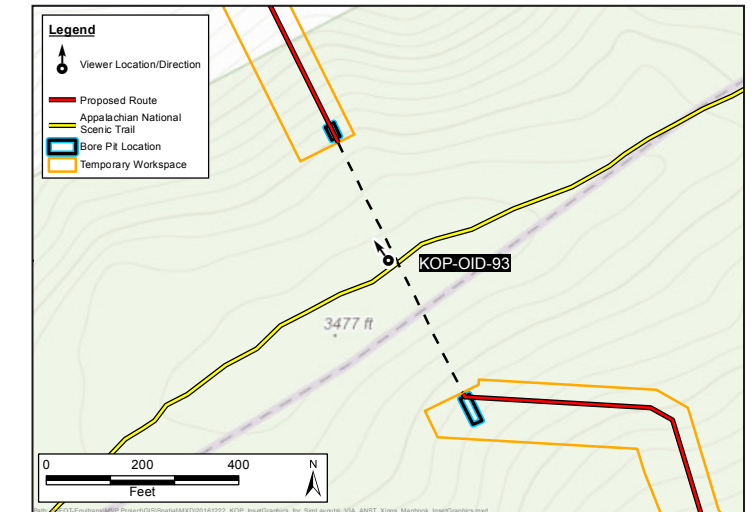


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point OID-93



Post Construction (Leaf-off conditions) - From KOP OID-93 looking northwest down the pipeline right-of-way, the Project will not be visible as the pipeline and bore pits would be screened by vegetation and terrain. The white arrow indicates the direction in which the bore pit would be located, approximately 300 feet from the viewpoint and 76 feet down a ridge.



Photograph Information

Time of photograph: 1:47 PM

Date of photograph: 12.2.2016

Weather condition: Overcast

Viewing direction: Northwest

Latitude: 37° 24' 9.60" N

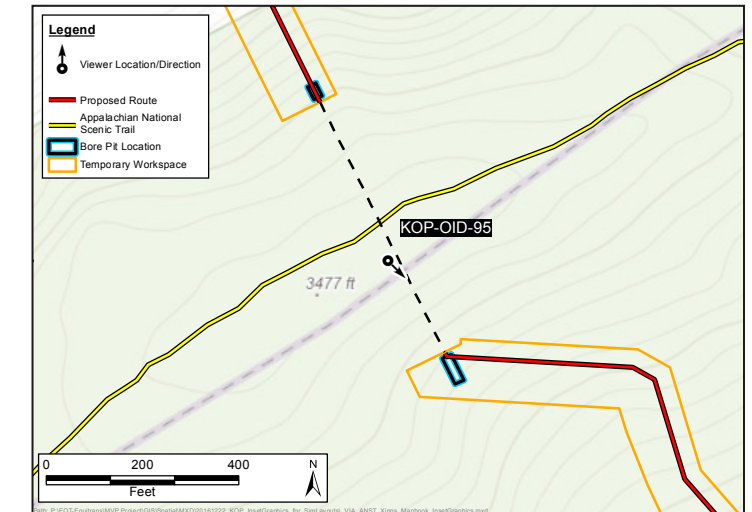
Longitude: 80° 41' 24.15" W

Photo Location: Photo taken from the Appalachian National Scenic Trail where the proposed pipeline crosses Peters Mountain, approximately 5.5 miles north of the Town of Pearisburg, Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point OID-93



Photograph Information

Time of photograph: 1:50 PM

Date of photograph: 12.2.2016

Weather condition: Sunny

Viewing direction: Southeast

Latitude: 37° 24' 8.76" N

Longitude: 80° 41' 23.69" W

Photo Location: Photo taken from the Appalachian National Scenic Trail where the proposed pipeline crosses Peters Mountain, approximately 5.5 miles north of the Town of Pearisburg, Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

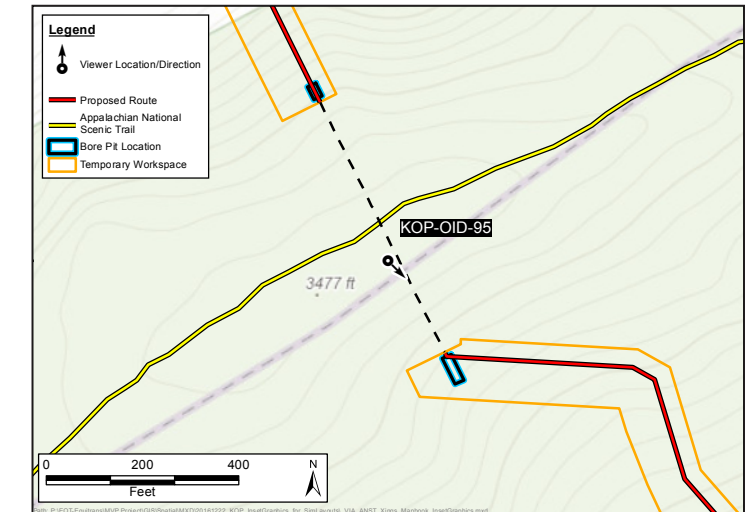


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point OID-95



Post Construction (Leaf-off conditions) - Viewers from KOP OID-95 looking southeast may see some thinning of trees. The white arrow indicates the direction in which the bore pit would be located, approximately 300 feet from the viewpoint and 80 feet below the visible horizon.



Photograph Information

Time of photograph: 1:50 PM

Date of photograph: 12.2.2016

Weather condition: Sunny

Viewing direction: Southeast

Latitude: 37° 24' 8.76" N

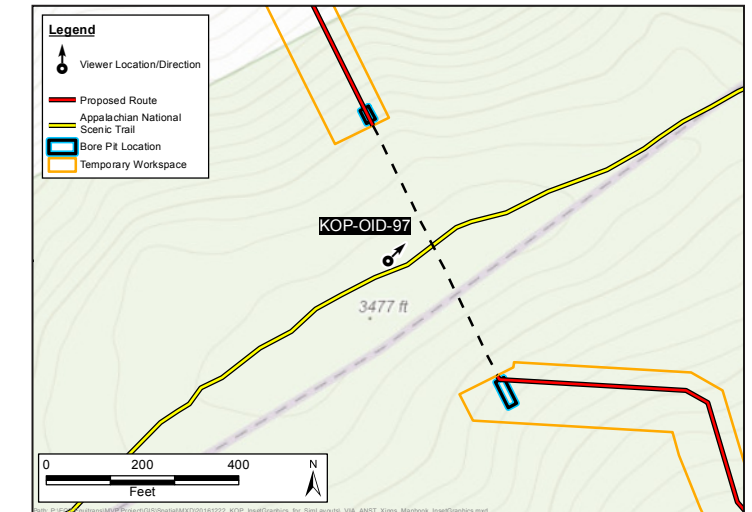
Longitude: 80° 41' 23.69" W

Photo Location: Photo taken from the Appalachian National Scenic Trail where the proposed pipeline crosses Peters Mountain, approximately 5.5 miles north of the Town of Pearisburg, Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point OID-95



Photograph Information

Time of photograph: 2:01 PM

Date of photograph: 12.2.2016

Weather condition: Overcast

Viewing direction: Northeast

Latitude: 37° 24' 9.25" N

Longitude: 80° 41' 25.05" W

Photo Location: Photo taken from the Appalachian National Scenic Trail where the proposed pipeline crosses Peters Mountain, approximately 5.5 miles north of the Town of Pearisburg, Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

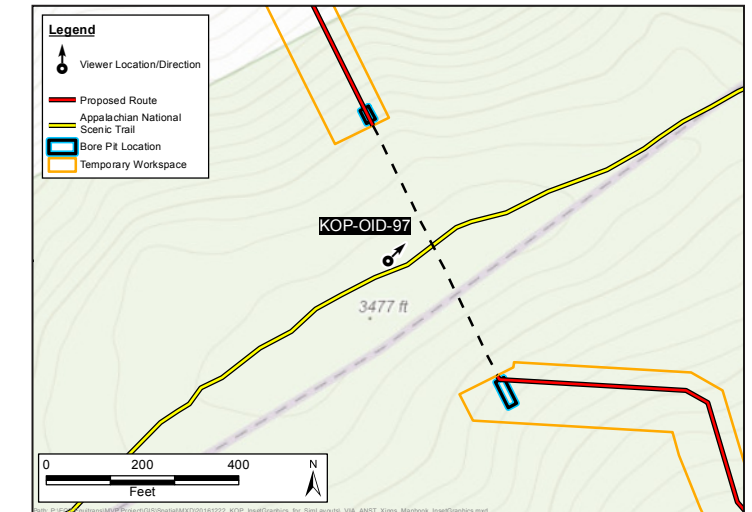


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 01D-97



Post Construction (Leaf-off conditions) - From KOP OID-97 looking northeast down the trail, the Project will not be visible as the pipeline would be bored under the trail and the bore pits would be located approximately 300 feet on either side of the trail and screened by vegetation and terrain.



Photograph Information

Time of photograph: 2:01 PM

Date of photograph: 12.2.2016

Weather condition: Overcast

Viewing direction: Northeast

Latitude: 37° 24' 9.25" N

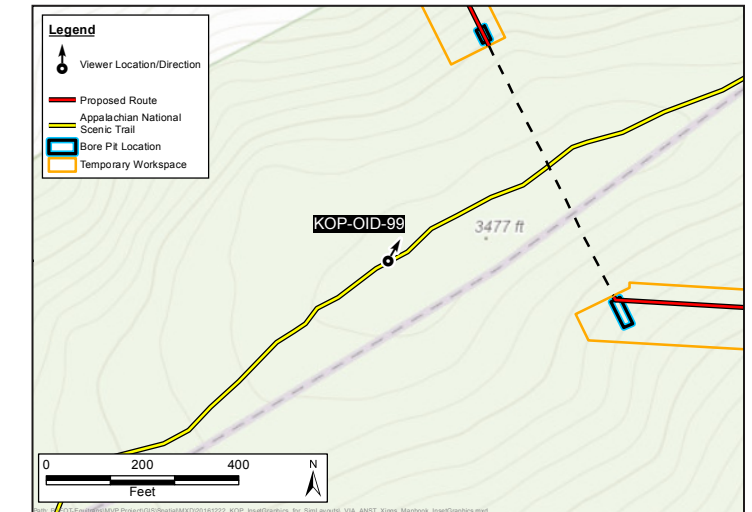
Longitude: 80° 41' 25.05" W

Photo Location: Photo taken from the Appalachian National Scenic Trail where the proposed pipeline crosses Peters Mountain, approximately 5.5 miles north of the Town of Pearisburg, Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point OID-97



Photograph Information

Time of photograph: 2:07 PM

Date of photograph: 12.2.2016

Weather condition: Overcast

Viewing direction: Northeast

Latitude: 37° 24' 7.61" N

Longitude: 80° 41' 28.04" W

Photo Location: Photo taken from the Appalachian National Scenic Trail on Peters Mountain approximately 300 feet southwest of the proposed pipeline crossing, and approximately 5.5 miles north of the Town of Pearisburg, Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

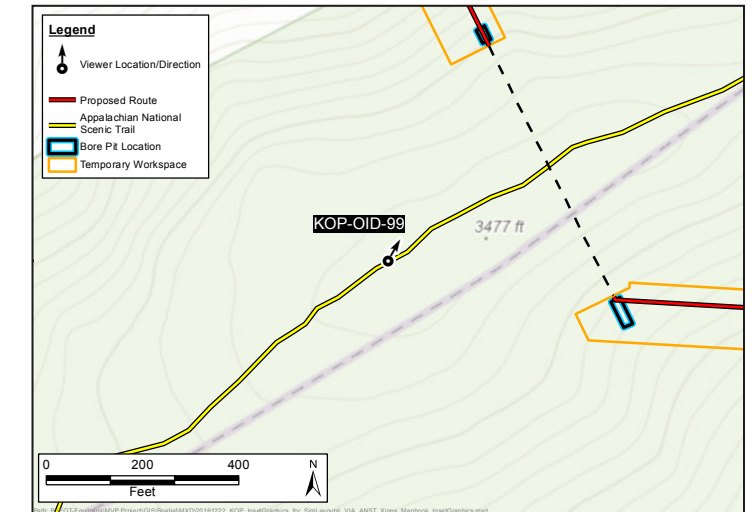


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point OID-99



Post Construction (Leaf-off conditions) - From KOP OID-99 looking northeast down the trail, the Project will not be visible as the pipeline would be bored under the trail and the bore pits would be located approximately 300 feet on either side of the trail. The white arrow indicates the direction in which the bore pit would be located, approximately 380 feet from the viewpoint.



Photograph Information

Time of photograph: 2:07 PM

Date of photograph: 12.2.2016

Weather condition: Overcast

Viewing direction: Northeast

Latitude: 37° 24' 7.61" N

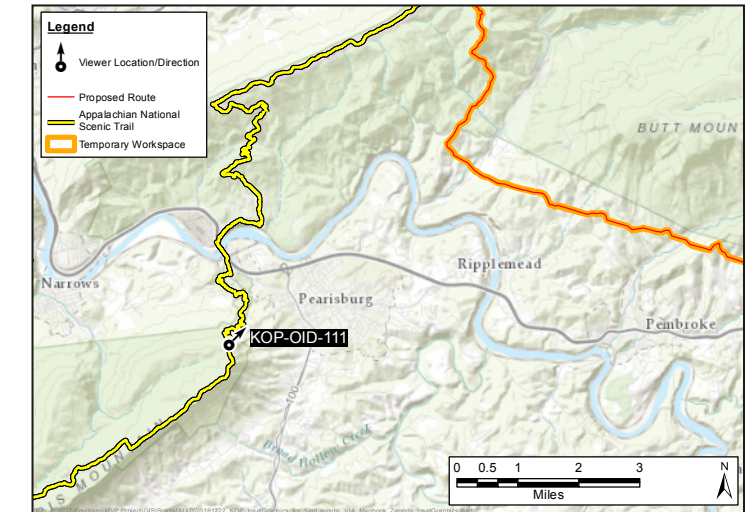
Longitude: 80° 41' 28.04" W

Photo Location: Photo taken from the Appalachian National Scenic Trail on Peters Mountain approximately 300 feet southwest of the proposed pipeline crossing, and approximately 5.5 miles north of the Town of Pearisburg, Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point OID-99



Photograph Information

Time of photograph: 1:57 PM
 Date of photograph: 12.20.2016
 Weather condition: Sunny
 Viewing direction: Northeast
 Latitude: 37°19'3.46"N
 Longitude: 80°45'20.84"W
 Photo Location: Photo taken from Appalachian National Scenic Trail at the Angels Rest overlook on Pearis Mountain in Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

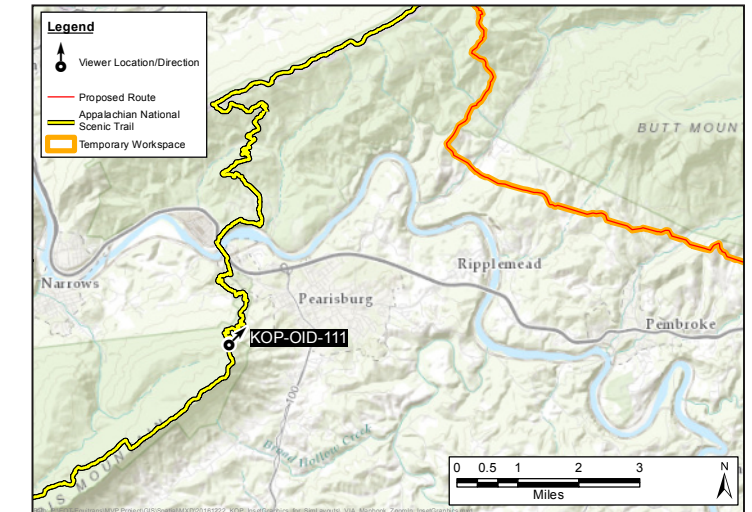


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point OID-111



Post Construction (Leaf-off conditions) - The red arrow indicates the location where the proposed pipeline would cross over Peters Mountain at a point approximately 5 miles northeast of the Angels Rest overlook on the Appalachian National Scenic Trail. The white arrow indicates the approximate location of the bore pit.



Photograph Information

Time of photograph: 1:57 PM
 Date of photograph: 12.20.2016
 Weather condition: Sunny
 Viewing direction: Northeast
 Latitude: 37°19'3.46"N
 Longitude: 80°45'20.84"W
 Photo Location: Photo taken from Appalachian National Scenic Trail at the Angels Rest overlook on Pearis Mountain in Virginia.

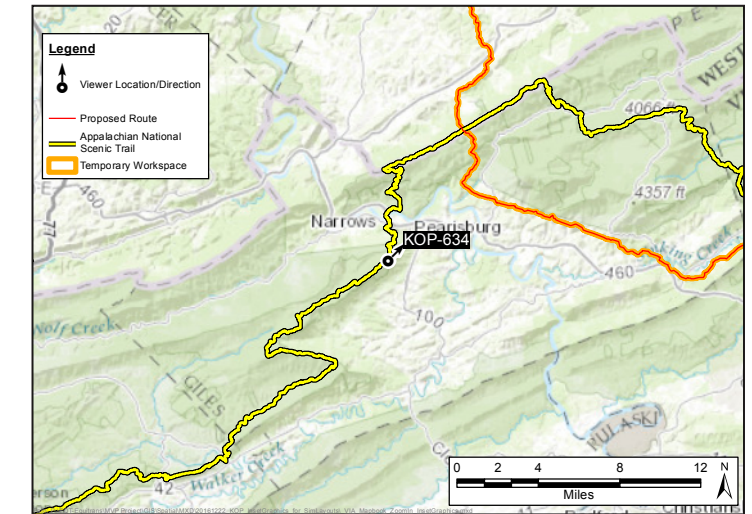
The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.



Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point OID-111

Figure 8b



Photograph Information

Time of photograph: 11:01 AM

Date of photograph: 4.2.2017

Weather condition: Mostly sunny

Viewing direction: Northeast

Latitude: 37° 18' 34.74" N

Longitude: 80° 45' 25.44" W

Photo Location: Photo taken from along the Appalachian National Scenic Trail on Pearis Mountain approximately 2 miles southwest of the Town of Pearisburg, Virginia, and approximately 5 miles southwest of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

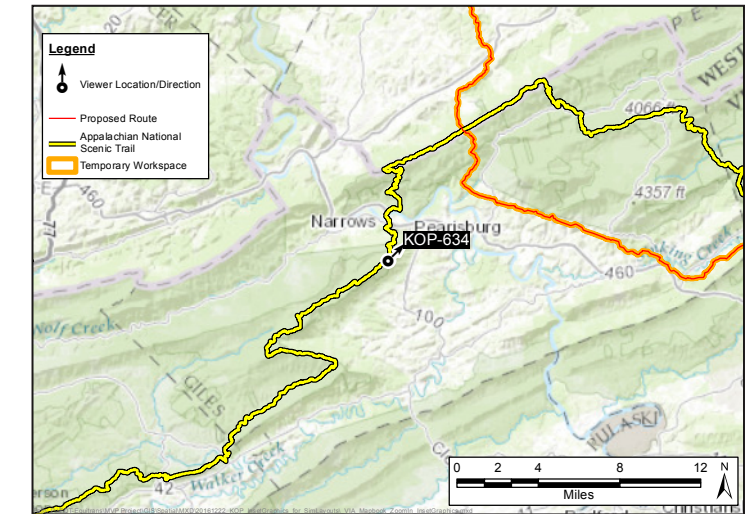


Mountain Valley Pipeline Project

Existing Conditions from
Key Observation Point 634



Post Construction (Leaf-off conditions) - The proposed pipeline would be located approximately 5 miles northeast of KOP 634 at its closest point. The white arrow indicates the location of the proposed pipeline which would be screened by terrain.



Photograph Information

Time of photograph: 11:01 AM

Date of photograph: 4.2.2017

Weather condition: Mostly sunny

Viewing direction: Northeast

Latitude: 37° 18' 34.74" N

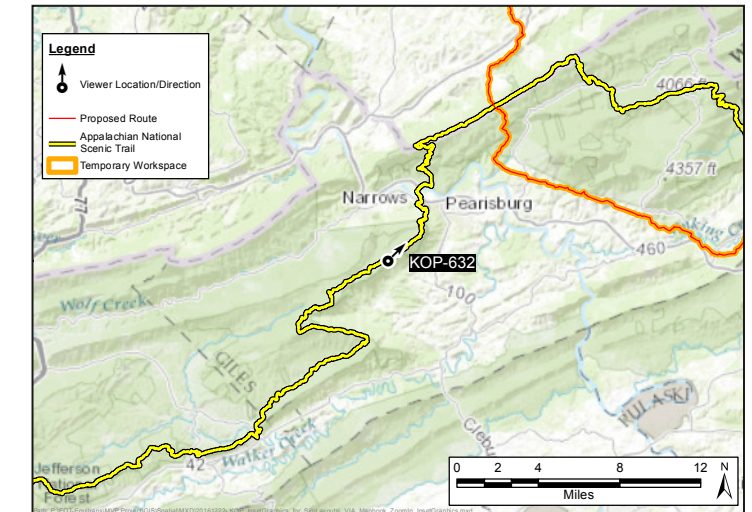
Longitude: 80° 45' 25.44" W

Photo Location: Photo taken from along the Appalachian National Scenic Trail on Pearis Mountain approximately 2 miles southwest of the Town of Pearisburg, Virginia, and approximately 5 miles southwest of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 634



Photograph Information

Time of photograph: 12:26 PM

Date of photograph: 4.2.2017

Weather condition: Mostly sunny

Viewing direction: Northeast

Latitude: 37° 17' 33.92" N

Longitude: 80° 47' 6.701" W

Photo Location: Photo taken from along the Appalachian National Scenic Trail on Pearis Mountain, approximately 4 miles southwest of the Town of Pearisburg, Virginia, and approximately 7.2 miles southwest of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

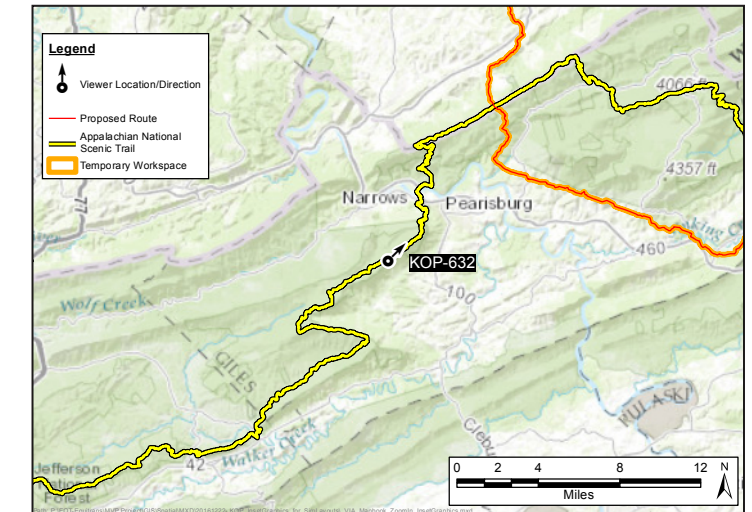


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 632



Post Construction (Leaf-off conditions) - The proposed pipeline would be located approximately 7.2 miles northeast of KOP 632 and would be screened by vegetation and terrain.



Photograph Information

Time of photograph: 12:26 PM

Date of photograph: 4.2.2017

Weather condition: Mostly sunny

Viewing direction: Northeast

Latitude: 37° 17' 33.92" N

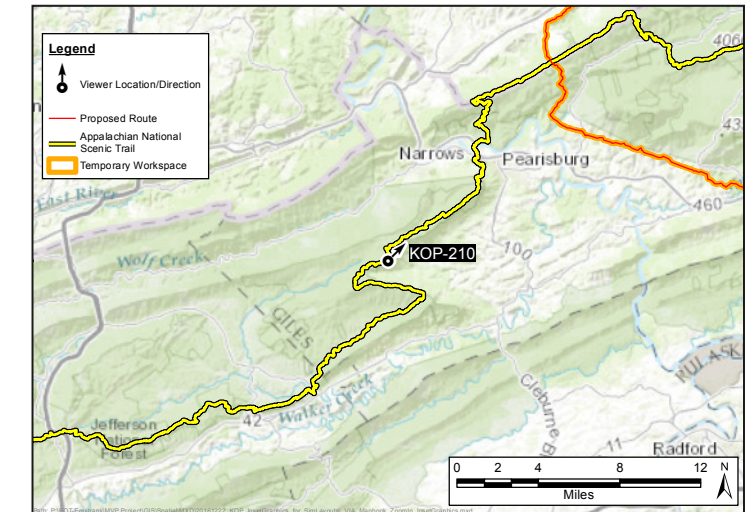
Longitude: 80° 47' 6.701" W

Photo Location: Photo taken from along the Appalachian National Scenic Trail on Pearis Mountain, approximately 4 miles southwest of the Town of Pearisburg, Virginia, and approximately 7.2 miles southwest of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 632



Photograph Information

Time of photograph: 10:05 AM

Date of photograph: 3.24.2017

Weather condition: Overcast

Viewing direction: Northeast

Latitude: 37° 15' 41.06" N

Longitude: 80° 50' 9.40" W

Photo Location: Photo taken from the Appalachian National Scenic Trail on Sugar Run Mountain approximately 7 miles southwest of the Town of Pearisburg, Virginia. The photo was taken from a vista looking northeast towards the Project.



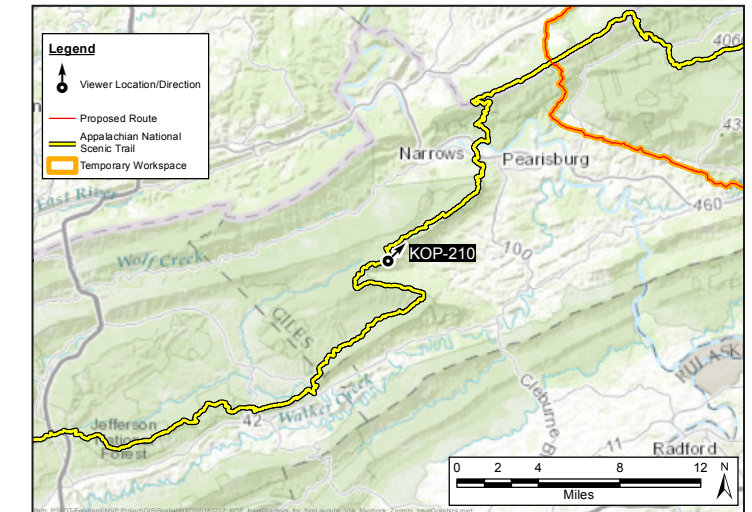
The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 210



Post Construction (Leaf-off conditions) - The proposed pipeline would be located approximately 10.5 miles from the Sugar Run Mountain Vista #1 on the Appalachian National Scenic Trail. From KOP 210, views toward the Project would be screened by terrain and vegetation. The white arrow indicates the direction in which the proposed pipeline would be located, approximately 10.5 miles from the viewpoint.



Photograph Information

Time of photograph: 10:05 AM

Date of photograph: 3.24.2017

Weather condition: Overcast

Viewing direction: Northeast

Latitude: 37° 15' 41.06" N

Longitude: 80° 50' 9.40" W

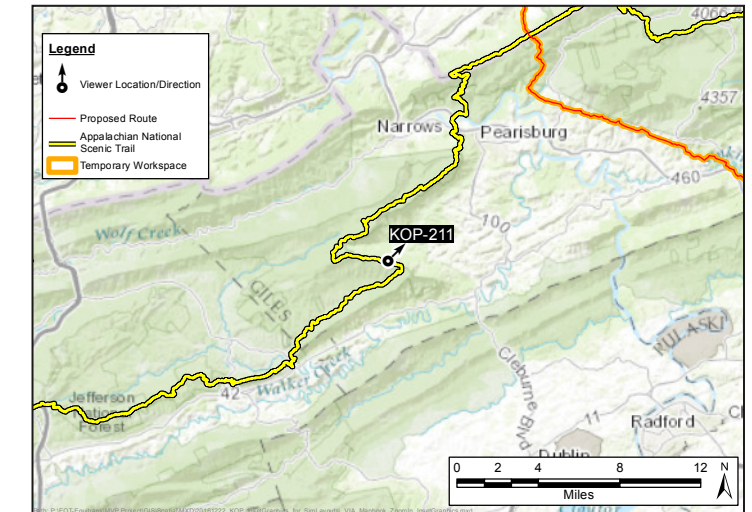
Photo Location: Photo taken from the Appalachian National Scenic Trail on Sugar Run Mountain approximately 7 miles southwest of the Town of Pearisburg, Virginia. The photo was taken from a vista looking northeast towards the Project.



The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 210



Photograph Information

Time of photograph: 12:39 PM

Date of photograph: 3.24.2017

Weather condition: Overcast

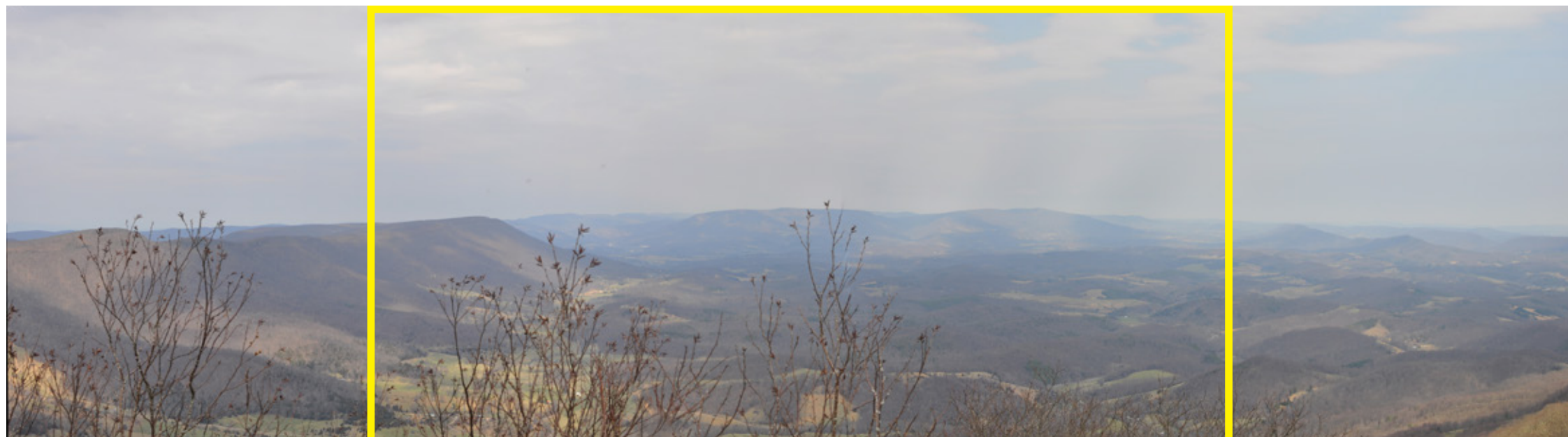
Viewing direction: Northeast

Latitude: 37° 14' 31.40" N

Longitude: 80° 48' 58.96" W

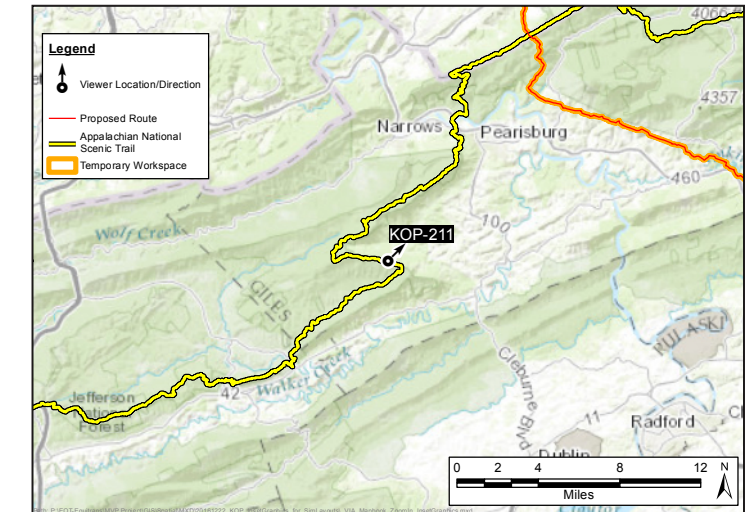
Photo Location: Photo taken from the Appalachian National Scenic Trail on on Sugar Run Mountain approximately 7.5 miles southwest of the Town of Pearisburg, Virginia, and approximately 7 miles southwest from the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.



Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 211



Photograph Information

Time of photograph: 12:39 PM
 Date of photograph: 3.24.2017
 Weather condition: Overcast
 Viewing direction: Northeast
 Latitude: 37° 14' 31.40" N
 Longitude: 80° 48' 58.96" W
 Photo Location: Photo taken from the Appalachian National Scenic Trail on Sugar Run Mountain approximately 7.5 miles southwest of the Town of Pearisburg, Virginia, and approximately 7 miles southwest from the proposed pipeline.

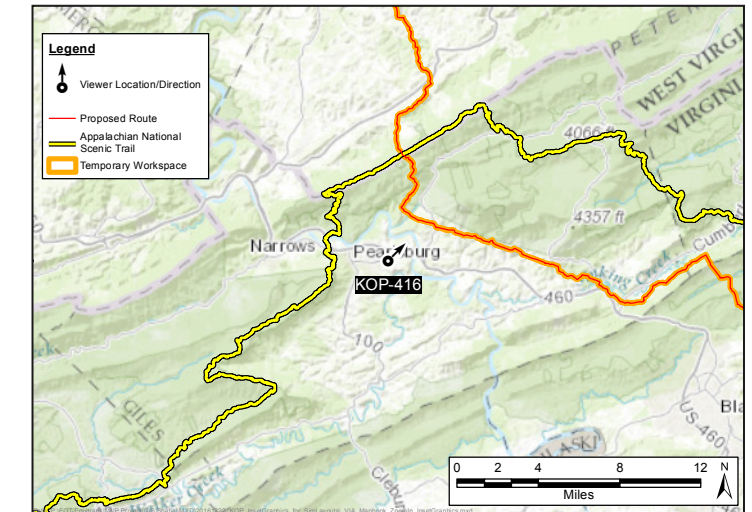
Post Construction (Leaf-off conditions) - The proposed pipeline would be located approximately 11 miles from Sugar Run Mountain Vista #2 on the Appalachian National Scenic Trail. The red arrows indicate the location of the proposed pipeline located approximately 11 miles from KOP 211.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.



Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 211



Photograph Information

Time of photograph: 3:55 PM
 Date of photograph: 4.2.2017
 Weather condition: Mostly sunny
 Viewing direction: Northeast
 Latitude: 37° 19' 37.21" N
 Longitude: 80° 42' 10.10" W
 Photo Location: Photo taken from Giles County High School adjacent to US Business Route 460, in the Town of Pearisburg, Virginia, and approximately 2.5 miles southwest of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

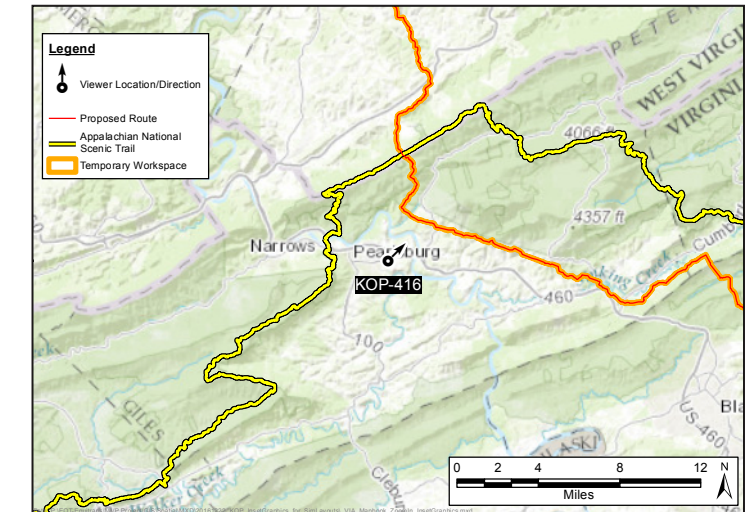


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 416



Post Construction (Leaf-off conditions) - The proposed pipeline would be visible crossing and descending Peters Mountain (red arrow). The closest location of the proposed pipeline is approximately 2.5 miles from this viewpoint; the crest of Peters Mountain (not visible in this image) is approximately 5 miles distant.



Photograph Information

Time of photograph: 3:55 PM

Date of photograph: 4.2.2017

Weather condition: Mostly sunny

Viewing direction: Northeast

Latitude: 37° 19' 37.21" N

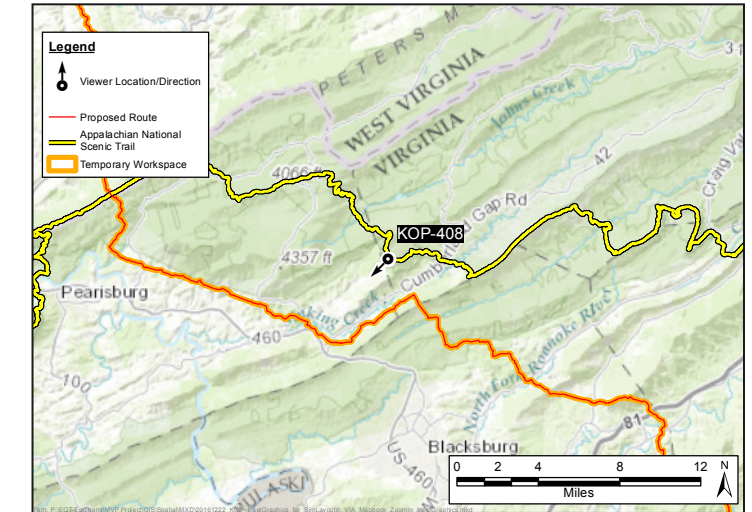
Longitude: 80° 42' 10.10" W

Photo Location: Photo taken from Giles County High School adjacent to US Business Route 460, in the Town of Pearisburg, Virginia, and approximately 2.5 miles southwest of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 416



Photograph Information

Time of photograph: 10:30 AM

Date of photograph: 4.2.2017

Weather condition: Sunny

Viewing direction: Southwest

Latitude: 37°21'20.06"N

Longitude: 80°26'30.15"W

Photo Location: Photo taken from near the Appalachian National Scenic Trail at the Kelly Knob overlook in Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

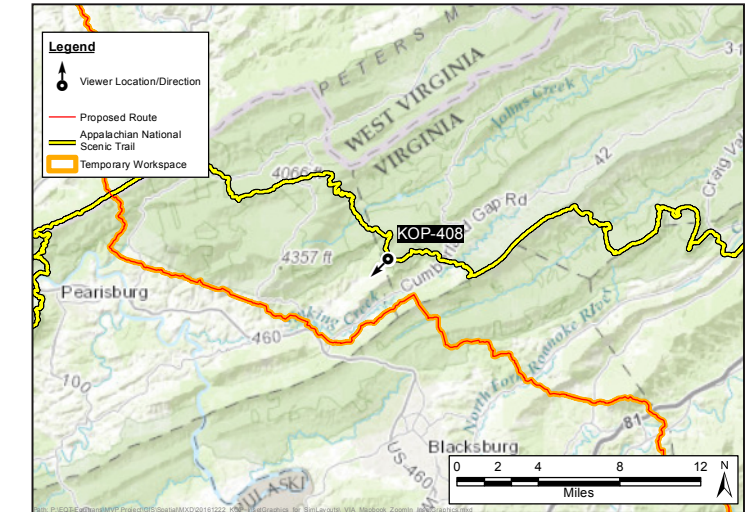
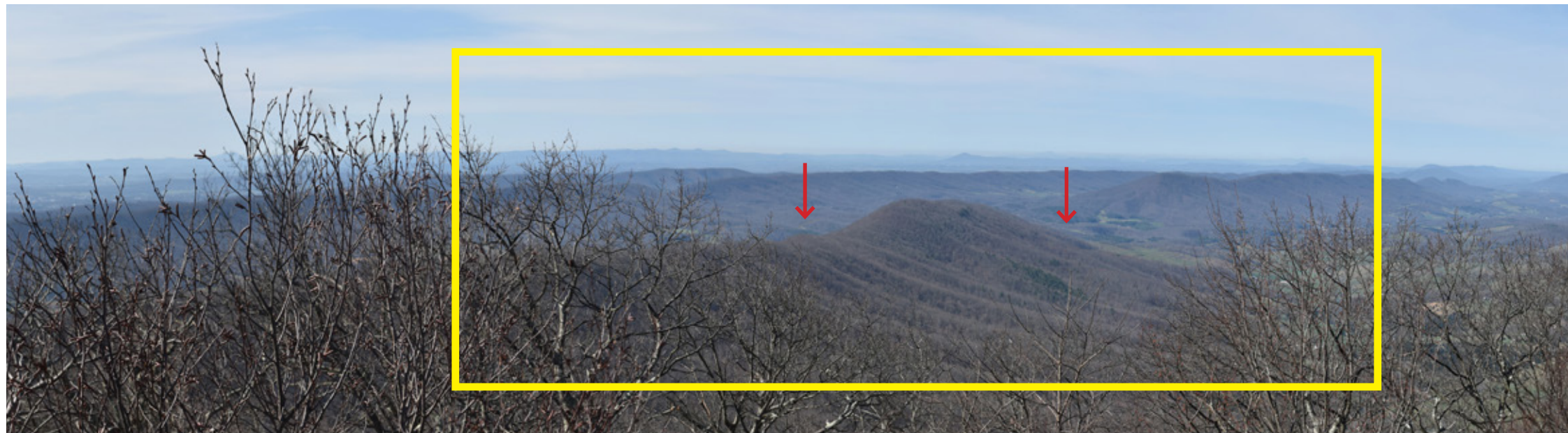


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 408



Post Construction (Leaf-off conditions) - The proposed pipeline would cross the Plow Screw Valley south of Johns Creek Mountain east of Peters Mountain at a point approximately 2 miles southwest of the Kelly Knob overlook on the Appalachian National Scenic Trail. The red arrows indicate the location of the proposed pipeline located approximately 2 miles from this viewpoint.



Photograph Information

Time of photograph: 10:30 AM

Date of photograph: 4.2.2017

Weather condition: Sunny

Viewing direction: Southwest

Latitude: 37°21'20.06"N

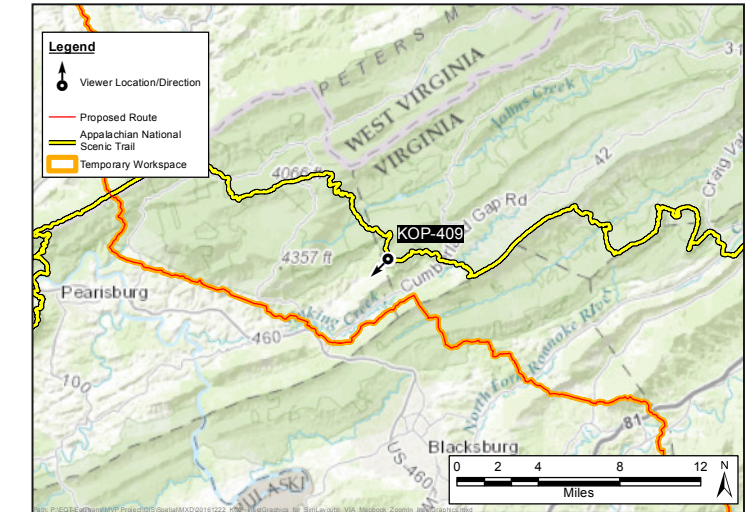
Longitude: 80°26'30.15"W

Photo Location: Photo taken from near the Appalachian National Scenic Trail at the Kelly Knob overlook in Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 408



Photograph Information

Time of photograph: 10:49 AM

Date of photograph: 4.2.2017

Weather condition: Sunny

Viewing direction: Southwest

Latitude: 37°21'20.52"N

Longitude: 80°26'30.15"W

Photo Location: Photo taken from near the Appalachian National Scenic Trail near the campsite approximately 100 feet east of the Kelly Knob overlook in Virginia.



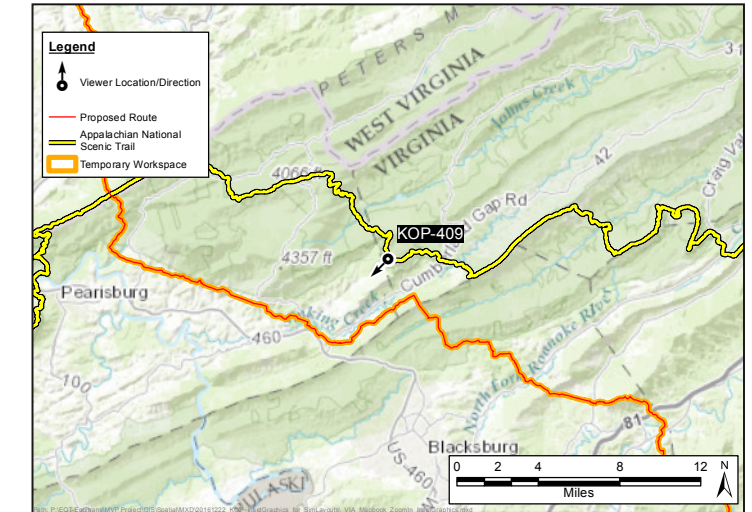
The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 409



Post Construction (Leaf-off conditions) - The proposed pipeline would cross the Sinking Creek Valley approximately 2 miles southwest of the overlook near the campsite just east of the main Kelly Knob overlook on the Appalachian National Scenic Trail. The red arrows indicate the location of the proposed pipeline located approximately 2 miles from this viewpoint.



Photograph Information

Time of photograph: 10:49 AM

Date of photograph: 4.2.2017

Weather condition: Sunny

Viewing direction: Southwest

Latitude: 37°21'20.52"N

Longitude: 80°26'30.15"W

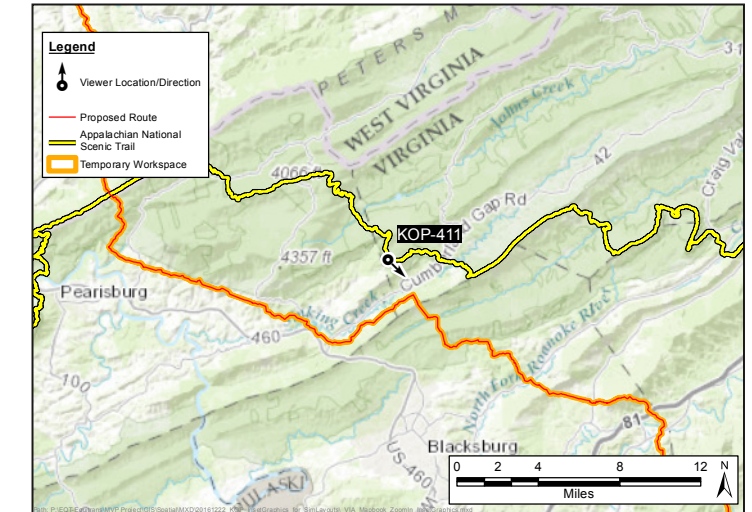
Photo Location: Photo taken from near the Appalachian National Scenic Trail near the campsite approximately 100 feet east of the Kelly Knob overlook in Virginia.



The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 409



Photograph Information

Time of photograph: 9:05 AM
 Date of photograph: 4.2.2017
 Weather condition: Sunny
 Viewing direction: Southeast
 Latitude: 37°21'19.36"N
 Longitude: 80°26'28.13"W
 Photo Location: Photo taken near the Appalachian National Scenic Trail approximately 180 feet east of the Kelly Knob overlook in Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.



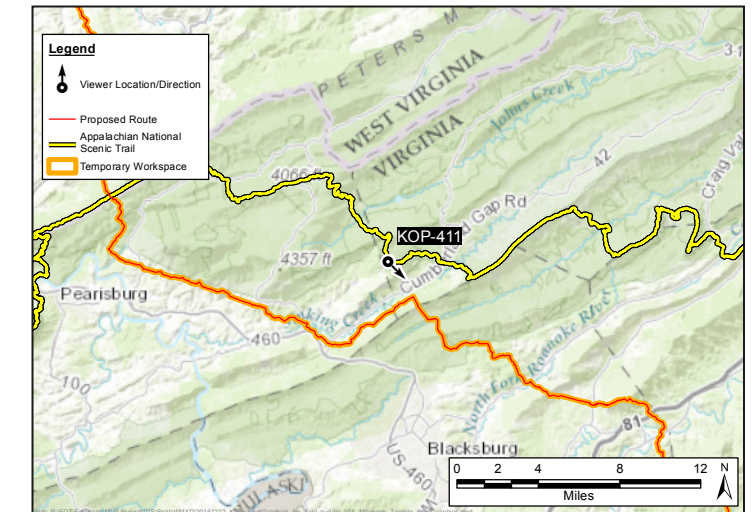
Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 411

Figure 16a



Post Construction (Leaf-off conditions) - The proposed pipeline would cross along the base of Sinking Creek Mountain approximately 2.1 miles from the Kelly Knob overlook near the Appalachian National Scenic Trail. The red arrows indicate the location of the proposed pipeline located approximately 2.1 miles from this viewpoint.



Photograph Information

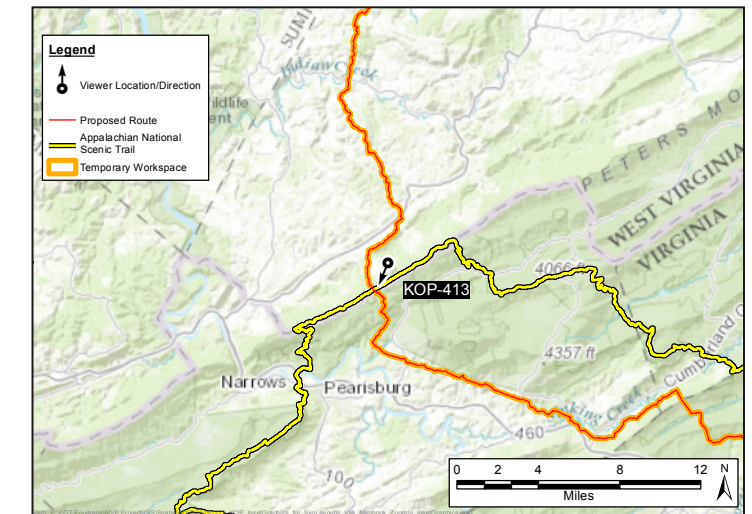
Time of photograph: 9:05 AM
 Date of photograph: 4.2.2017
 Weather condition: Sunny
 Viewing direction: Southeast
 Latitude: 37°21'19.36"N
 Longitude: 80°26'28.13"W
 Photo Location: Photo taken near the Appalachian National Scenic Trail approximately 180 feet east of the Kelly Knob overlook in Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.



Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 411



Photograph Information

Time of photograph: 1:77 PM
 Date of photograph: 4.2.2017
 Weather condition: Overcast
 Viewing direction: Southwest
 Latitude: 37°25'20.53"N
 Longitude: 80°40'35.03"W
 Photo Location: Sugar Camp Farm Trailhead, Monroe County, West Virginia. Photo taken from the trailhead located approximately 2 miles south of Lindside, West Virginia off County Road 219/24.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.



Mountain Valley Pipeline Project

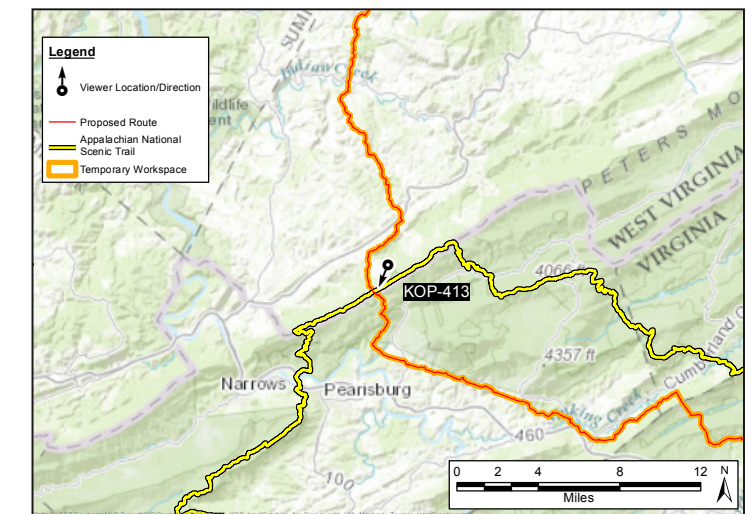
Existing Conditions from Key Observation Point 413



Figure 17a



Post Construction (Leaf-off conditions) - View looking towards the proposed pipeline crossing Peters Mountain from the Sugar Camp Farm Trailhead. The red arrow indicates the location of the proposed pipeline located approximately 1.4 miles from this viewpoint. The white arrow indicates the approximate location of the bore pit.



Photograph Information

Time of photograph: 1:77 PM

Date of photograph: 4.2.2017

Weather condition: Overcast

Viewing direction: Southwest

Latitude: 37°25'20.53"N

Longitude: 80°40'35.03"W

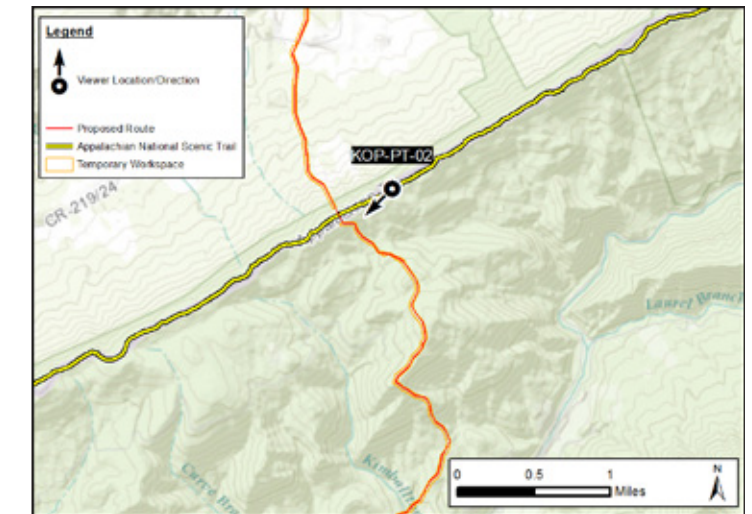
Photo Location: Sugar Camp Farm Trailhead, Monroe County, West Virginia. Photo taken from the trailhead located approximately 2 miles south of Lindside, West Virginia off County Road 219/24.



The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 413



Photograph Information

Time of photograph: 1:04 PM

Date of photograph: 12.19.2016

Weather condition: Overcast

Viewing direction: Southwest

Latitude: 37° 24' 18.40" N

Longitude: 80° 41' 0.77" W

Photo Location: Photo taken from the Appalachian National Scenic Trail at the edge of the Peters Mountain Wilderness boundary, approximately 1 mile southwest of the Sugar Camp Farm Trailhead in West Virginia, and approximately 0.4 mile northeast of the proposed pipeline crossing of the Appalachian National Scenic Trail.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

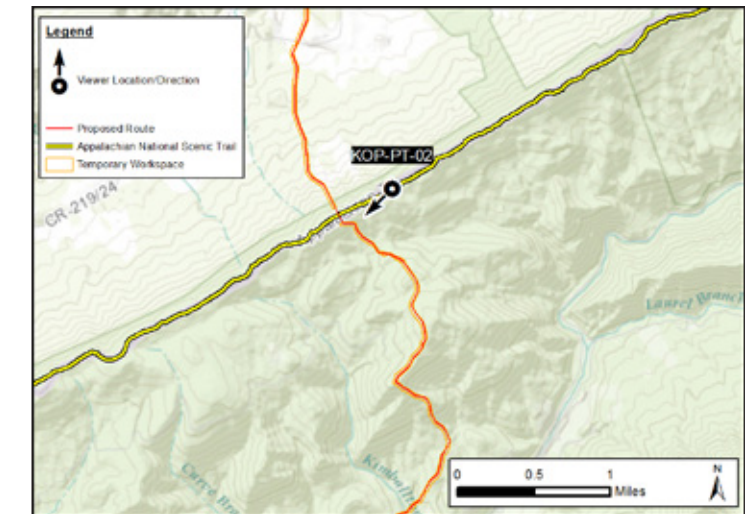


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point PT-02



Post Construction (Leaf-off conditions) - The proposed pipeline would cross the Appalachian National Scenic Trail approximately 0.4 mile southwest of this viewpoint from the Peters Mountain Wilderness boundary. From KOP PT-02, the Project would not be visible.



Photograph Information

Time of photograph: 1:04 PM

Date of photograph: 12.19.2016

Weather condition: Overcast

Viewing direction: Southwest

Latitude: 37° 24' 18.40" N

Longitude: 80° 41' 0.77" W

Photo Location: Photo taken from the Appalachian National Scenic Trail at the edge of the Peters Mountain Wilderness boundary, approximately 1 mile southwest of the Sugar Camp Farm Trailhead in West Virginia, and approximately 0.4 mile northeast of the proposed pipeline crossing of the Appalachian National Scenic Trail.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.



Mountain Valley Pipeline Project

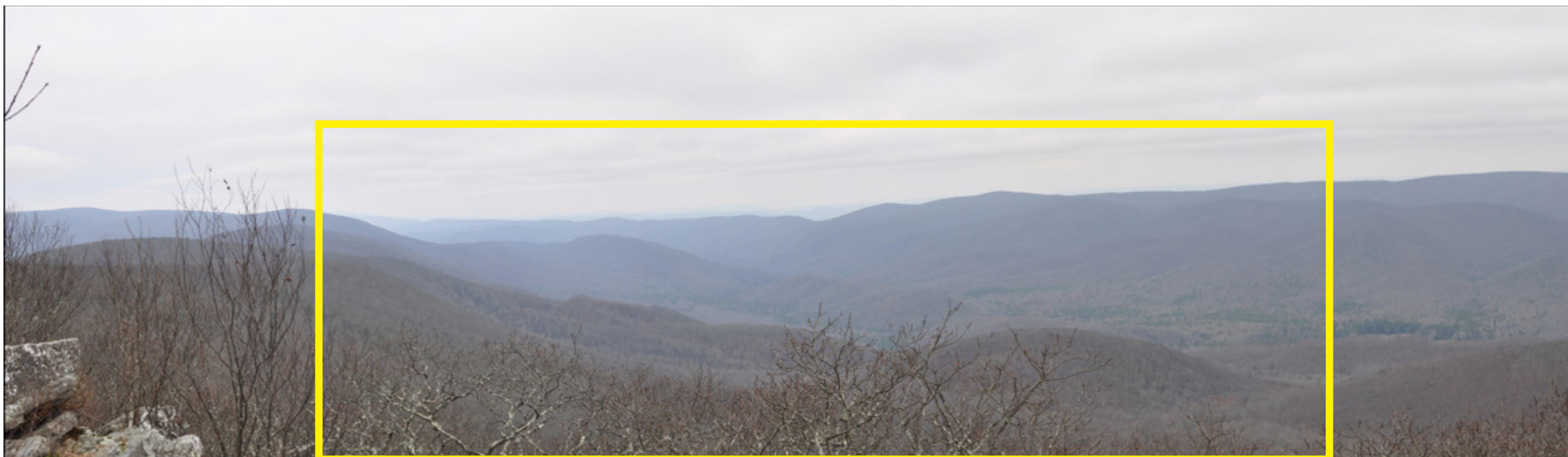
Photographic Simulation from Key Observation Point PT-02



Photograph Information

Time of photograph: 2:44 PM
 Date of photograph: 12.3.2016
 Weather condition: Overcast, hazy
 Viewing direction: Southwest
 Latitude: 37° 24' 51.08" N
 Longitude: 80° 31' 9.58" W
 Photo Location: Photo taken from the Appalachian National Scenic Trail from the Wind Rock overlook on Salt Pond Mountain in Virginia. The proposed pipeline is located approximately 6.5 miles from the viewpoint.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.



Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point OID-103



Figure 19a



Post Construction (Leaf-off conditions) - The proposed pipeline would cross over Peters Mountain approximately 6.5 miles from the Wind Rock overlook on the Appalachian National Scenic Trail. The white arrow indicates the direction in which the pipeline would be located, approximately 6.5 miles from the viewpoint.



Photograph Information

Time of photograph: 2:44 PM
 Date of photograph: 12.3.2016
 Weather condition: Overcast, hazy
 Viewing direction: Southwest
 Latitude: 37° 24' 51.08" N
 Longitude: 80° 31' 9.58" W
 Photo Location: Photo taken from the Appalachian National Scenic Trail from the Wind Rock overlook on Salt Pond Mountain in Virginia. The proposed pipeline is located approximately 6.5 miles from the viewpoint.

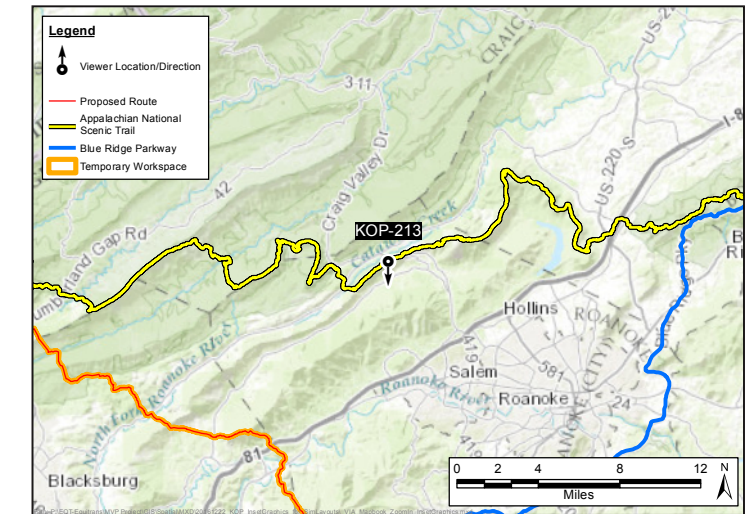
The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.



Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point OID-103





Photograph Information

Time of photograph: 4:00 PM

Date of photograph: 3.24.2017

Weather condition: Hazy

Viewing direction: South

Latitude: 37°22'34.85"N

Longitude: 80°6'7.01"W

Photo Location: Photo taken from along the Appalachian National Scenic Trail from Sawtooth Ridge, approximately 0.6 mile southeast of the community of Catawba, Virginia, and approximately 10.5 miles northeast of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

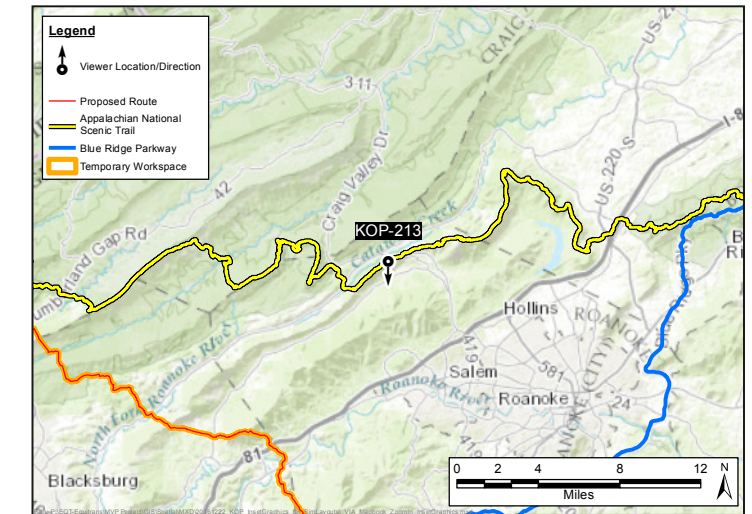


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 213



Post Construction (Leaf-off conditions) - The proposed pipeline is located approximately 10.5 miles south-southwest of KOP 213. The white arrow indicates the direction in which the proposed pipeline would cross Paris Mountain approximately 10.5 miles in the distance. However, views of the proposed pipeline from Sawtooth Ridge would be completely screened by vegetation and terrain.



Photograph Information

Time of photograph: 4:00 PM

Date of photograph: 3.24.2017

Weather condition: Hazy

Viewing direction: South

Latitude: 37°22'34.85"N

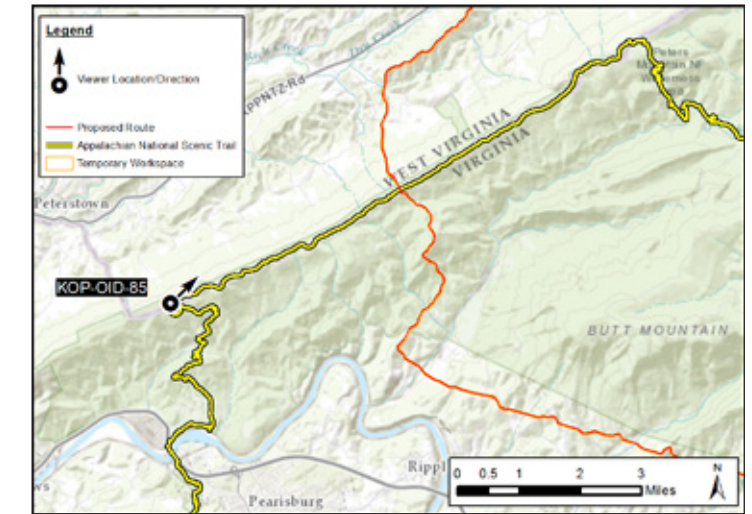
Longitude: 80°6'7.01"W

Photo Location: Photo taken from along the Appalachian National Scenic Trail from Sawtooth Ridge, approximately 0.6 mile southeast of the community of Catawba, Virginia, and approximately 10.5 miles northeast of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 213



Photograph Information

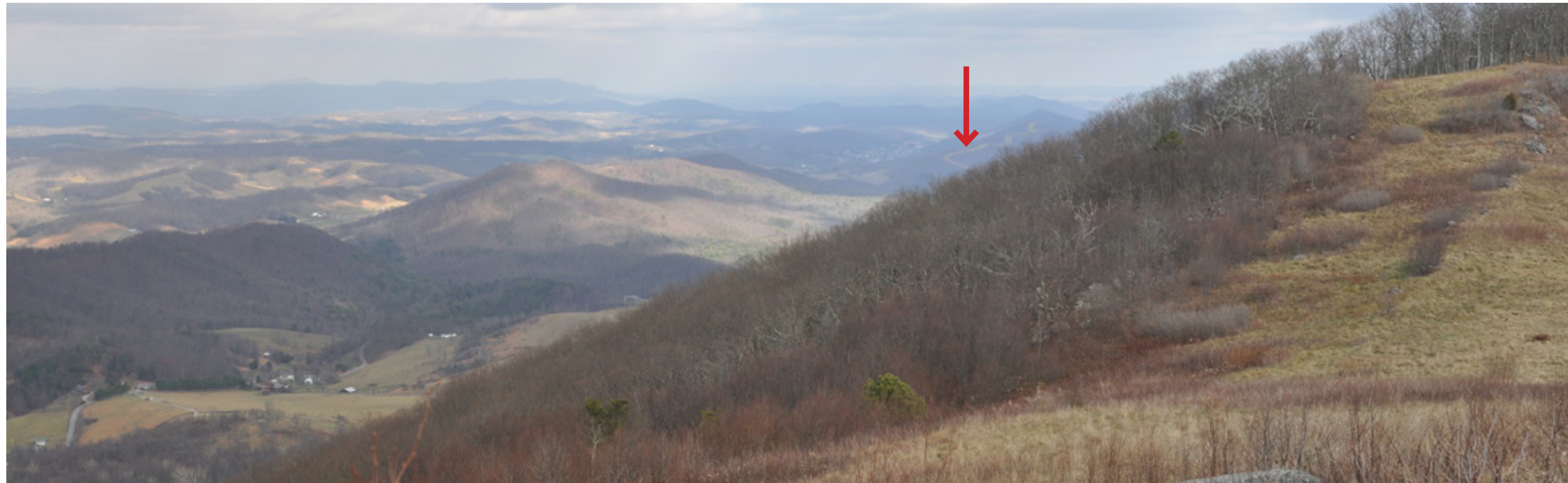
Time of photograph: 2:48 PM
 Date of photograph: 12.5.2016
 Weather condition: Overcast, slightly hazy
 Viewing direction: Northeast
 Latitude: 37°22'32.34"N
 Longitude: 80°45'30.29"W
 Photo Location: Photo taken from the Appalachian National Scenic Trail from the Rice Field Vista on Peters Mountain on the border of Virginia and West Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

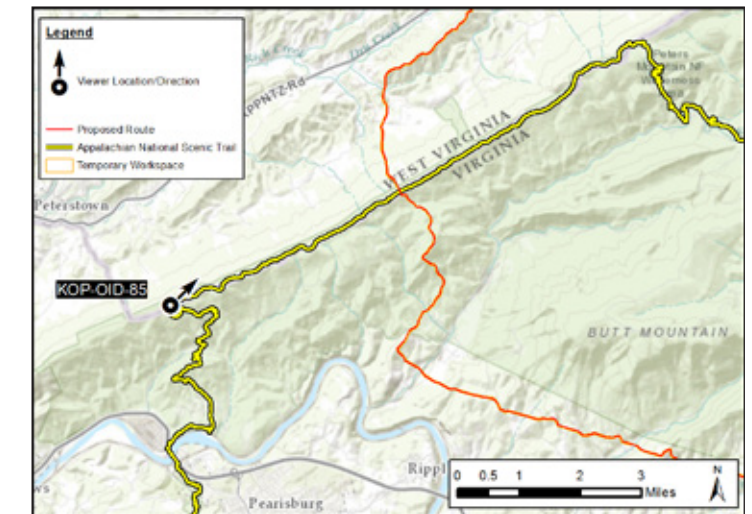


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point OID-85



Post Construction (Leaf-off conditions) - The proposed pipeline would cross over Peters Mountain approximately 4 miles from Rice Field Vista, but would be screened by topography. The red arrow indicates the location of the proposed pipeline crossing over Little Mountain approximately 4 miles from this viewpoint.



Photograph Information

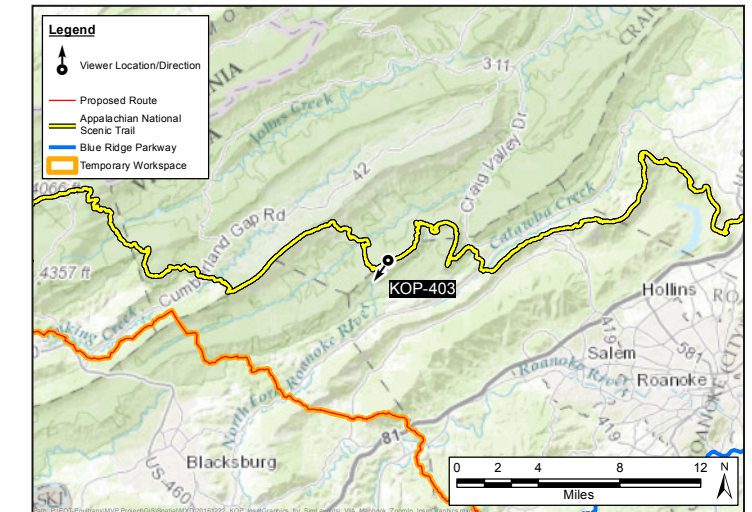
Time of photograph: 2:48 PM
 Date of photograph: 12.5.2016
 Weather condition: Overcast, slightly hazy
 Viewing direction: Northeast
 Latitude: 37°22'32.34"N
 Longitude: 80°45'30.29"W
 Photo Location: Photo taken from the Appalachian National Scenic Trail from the Rice Field Vista on Peters Mountain on the border of Virginia and West Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.



Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point OID-85



Photograph Information

Time of photograph: 11:43 AM

Date of photograph: 4.1.2017

Weather condition: Overcast

Viewing direction: Southwest

Latitude: 37° 21' 52.61" N

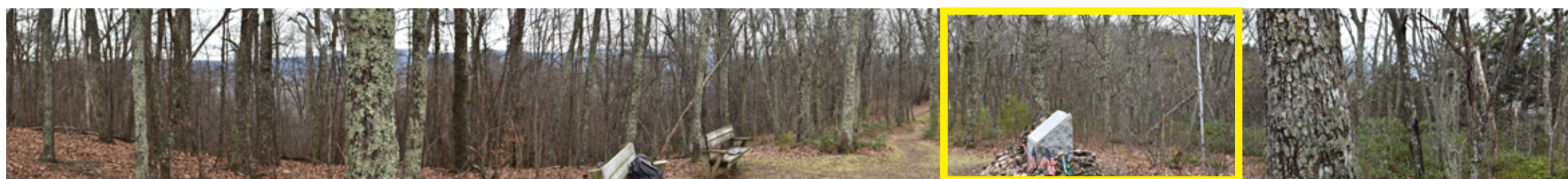
Longitude: 80° 13' 32.481" W

Photo Location: Photo taken from along the Appalachian National Scenic Trail from the Audie Murphy Memorial on Brush Mountain, approximately 10 miles northwest of the City of Salem Virginia, and approximately 8 miles northeast of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

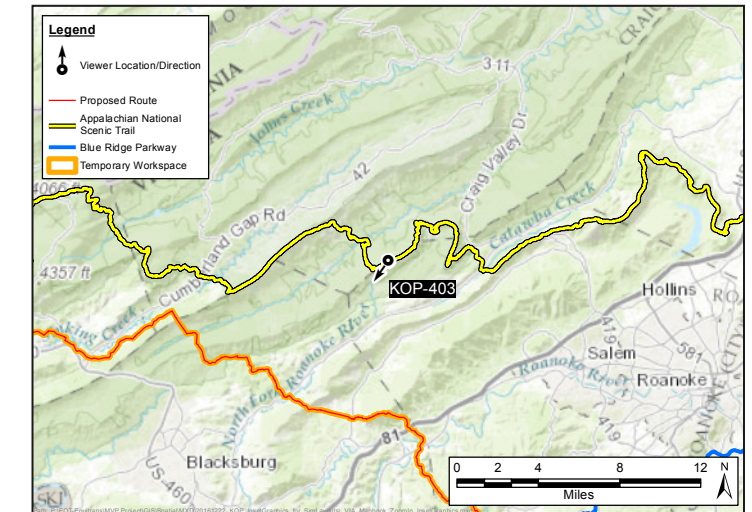
Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 403





Post Construction (Leaf-off conditions) - The proposed pipeline is located approximately 8 miles southwest of KOP 403. The white arrow indicates the direction in which the proposed pipeline would cross the valley west of Paris Mountain approximately 8 miles from this viewpoint. However, views of the proposed pipeline from KOP 403 would be screened by vegetation and terrain.



Photograph Information

Time of photograph: 11:43 AM

Date of photograph: 4.1.2017

Weather condition: Overcast

Viewing direction: Southwest

Latitude: 37° 21' 52.61" N

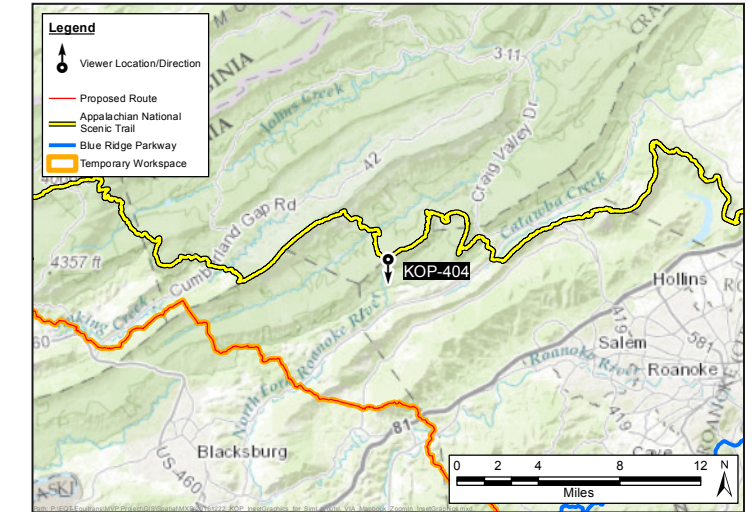
Longitude: 80° 13' 32.481" W

Photo Location: Photo taken from along the Appalachian National Scenic Trail from the Audie Murphy Memorial on Brush Mountain, approximately 10 miles northwest of the City of Salem Virginia, and approximately 8 miles northeast of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 403



Photograph Information

Time of photograph: 12:04 PM

Date of photograph: 4.1.2017

Weather condition: Overcast

Viewing direction: South

Latitude: 37° 21' 31.20" N

Longitude: 80° 14' 7.61" W

Photo Location: Photo taken from along the Appalachian National Scenic Trail approximately 0.7 mile southwest from KOP 403, 10 miles northwest of the City of Salem Virginia, and approximately 7 miles north of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

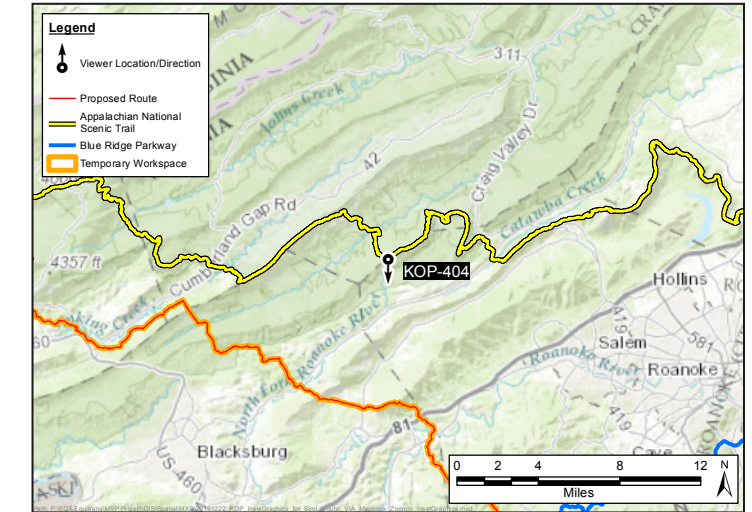


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 404



Post Construction (Leaf-off conditions) - The proposed pipeline is located approximately 7 miles from KOP 404. The white arrows indicate the direction in which the proposed pipeline would cross Paris Mountain approximately 7 miles from this viewpoint.



Photograph Information

Time of photograph: 12:04 PM

Date of photograph: 4.1.2017

Weather condition: Overcast

Viewing direction: South

Latitude: 37° 21' 31.20" N

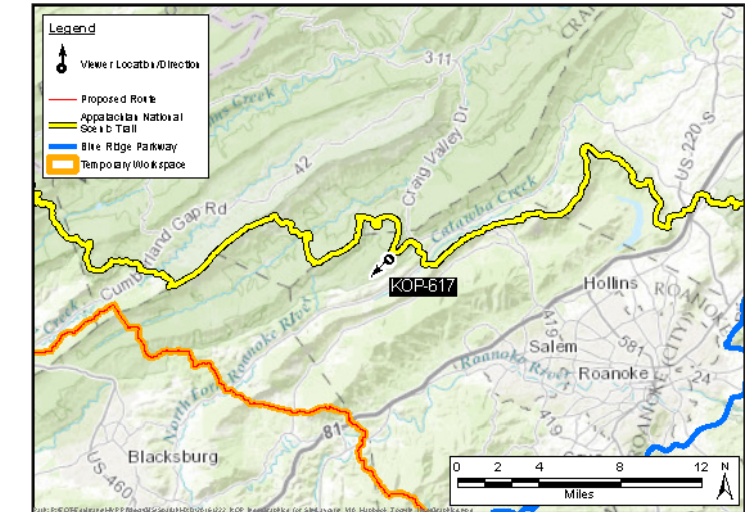
Longitude: 80° 14' 7.61" W

Photo Location: Photo taken from along the Appalachian National Scenic Trail approximately 0.7 mile southwest from KOP 403, 10 miles northwest of the City of Salem Virginia, and approximately 7 miles north of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 404



Photograph Information

Time of photograph: 9.18 AM

Date of photograph: 3.31.2017

Weather condition: Sunny, Clear

Viewing direction: Southwest

Latitude: 37°21'38.34"N

Longitude: 80°10'24.81"W

Photo Location: Photo taken from the Appalachian National Scenic Trail from an overlook at Dragon's Tooth on Cove Mountain in Virginia. The proposed pipeline is approximately 10 miles from KOP 617.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

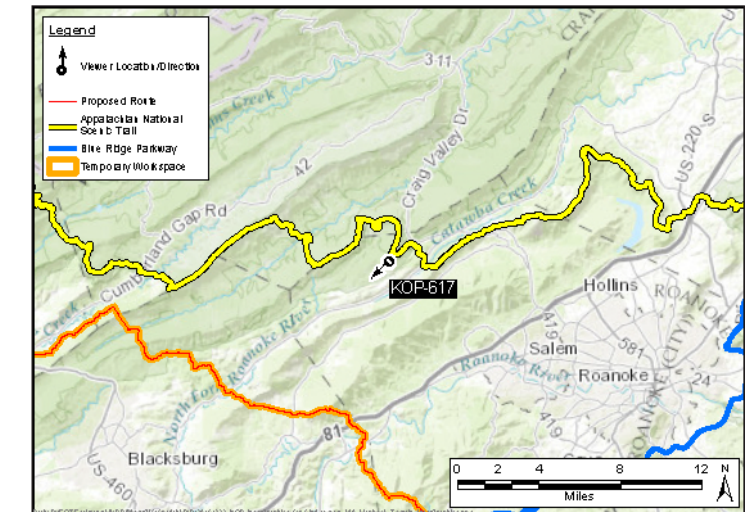


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 617



Post Construction (Leaf-off conditions) - The proposed pipeline would cross over Fort Lewis Mountain approximately 8 miles from an overlook from along the Appalachian National Scenic Trail at Dragons Tooth. The white arrow indicates the direction in which the proposed pipeline would cross Fort Lewis Mountain approximately 8 miles from this viewpoint.



Photograph Information

Time of photograph: 9.18 AM
 Date of photograph: 3.31.2017
 Weather condition: Sunny, Clear
 Viewing direction: Southwest
 Latitude: 37°21'38.34"N
 Longitude: 80°10'24.81"W
 Photo Location: Photo taken from the Appalachian National Scenic Trail from an overlook at Dragon's Tooth on Cove Mountain in Virginia. The proposed pipeline is approximately 10 miles from KOP 617.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

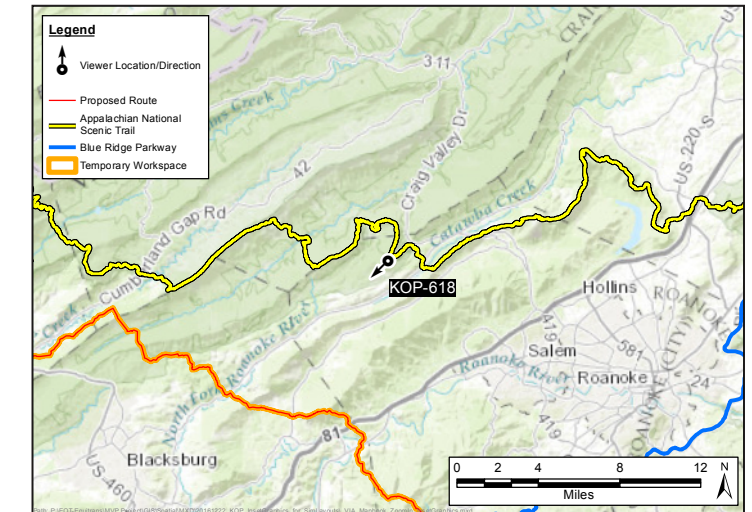


Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 617



Figure 24b



Photograph Information

Time of photograph: 10:41 AM

Date of photograph: 3.21.2017

Weather condition: Mostly sunny

Viewing direction: Southwest

Latitude: 37° 21' 45.29" N

Longitude: 80° 10' 21.51" W

Photo Location: Photo taken from along the Appalachian National Scenic Trail from an overlook at Dragon's Tooth on Cove Mountain, approximately 4 miles northwest of the community of Catawba, Virginia, and approximately 8 miles northeast of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

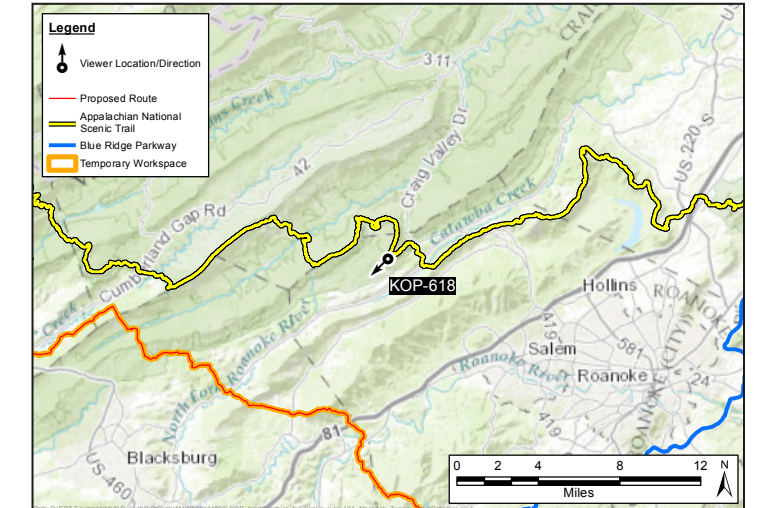


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 618



Post Construction (Leaf-off conditions) - The proposed pipeline would be located approximately 8 miles southwest of KOP 618 and would be screened by vegetation and terrain. The white arrow indicates the direction in which the proposed pipeline would cross Pearis Mountain approximately 8 miles from this viewpoint.



Photograph Information

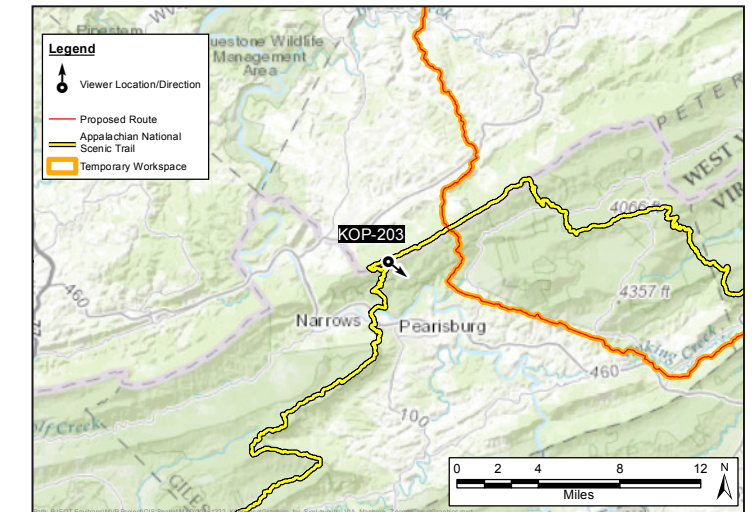
Time of photograph: 10:41 AM
 Date of photograph: 3.21.2017
 Weather condition: Mostly sunny
 Viewing direction: Southwest
 Latitude: 37° 21' 45.29" N
 Longitude: 80° 10' 21.51" W
 Photo Location: Photo taken from along the Appalachian National Scenic Trail from an overlook at Dragon's Tooth on Cove Mountain, approximately 4 miles northwest of the community of Catawba, Virginia, and approximately 8 miles northeast of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 618

Figure 25b



Photograph Information

Time of photograph: 10:49 AM

Date of photograph: 3.23.2017

Weather condition: Slightly hazy

Viewing direction: Southeast

Latitude: 37°22'46.41"N

Longitude: 80°44'36.52"W

Photo Location: Photo taken from the Appalachian National Scenic Trail on Peters Mountain in West Virginia. The photo was taken from the existing AEP transmission line right-of-way looking southeast down the existing corridor. The proposed pipeline is approximately 3.5 miles from KOP 203.



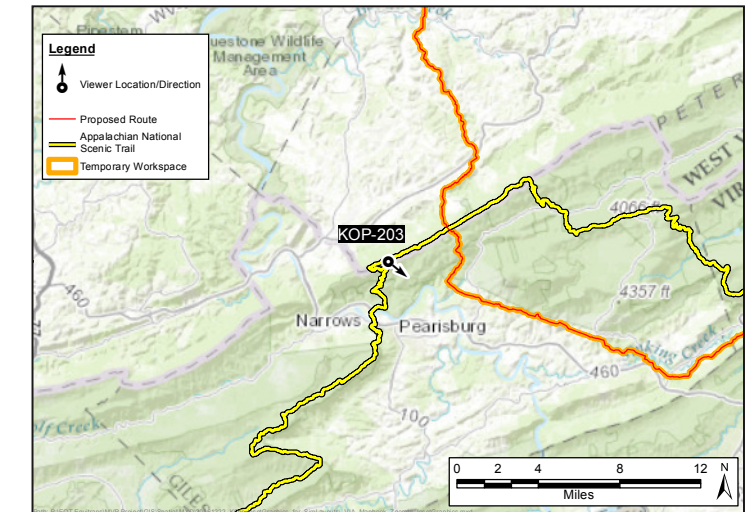
The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 203



Post Construction (Leaf-off conditions) - The proposed pipeline would cross the valley and hilly terrain east of Peters Mountain approximately 3.5 miles from KOP 203. From this location, the portion of the proposed pipeline that is visible would be seen paralleling two existing utility corridors. The red arrow indicates the location of the proposed pipeline approximately 3.5 miles from this viewpoint.



Photograph Information

Time of photograph: 10:49 AM

Date of photograph: 3.23.2017

Weather condition: Slightly hazy

Viewing direction: Southeast

Latitude: 37°22'46.41"N

Longitude: 80°44'36.52"W

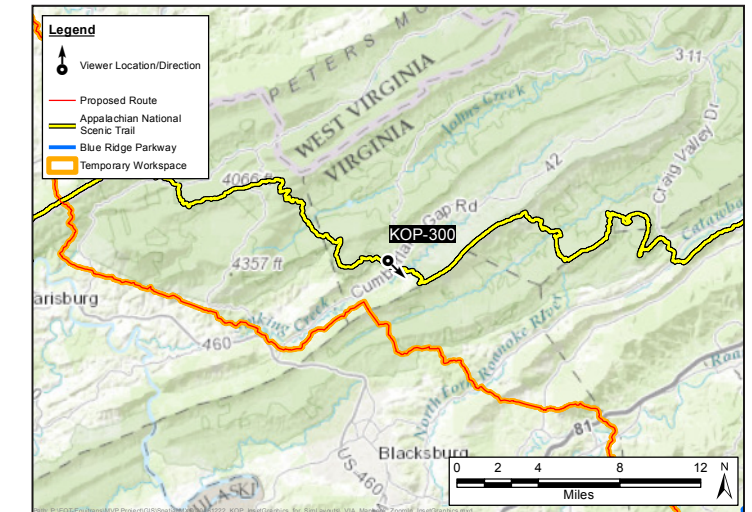
Photo Location: Photo taken from the Appalachian National Scenic Trail on Peters Mountain in West Virginia. The photo was taken from the existing AEP transmission line right-of-way looking southeast down the existing corridor. The proposed pipeline is approximately 3.5 miles from KOP 203.



The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 203



Photograph Information

Time of photograph: 11:38 AM

Date of photograph: 3.23.2017

Weather condition: Mostly sunny

Viewing direction: Southeast

Latitude: 37°22'52.11"N

Longitude: 80°11'59.24"W

Photo Location: Photo taken from along the Appalachian National Scenic Trail in the valley between Kelly Knob and Sinking Creek Mountain, approximately 5 miles northwest of the community of Catawba, Virginia, and approximately 3 miles north of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

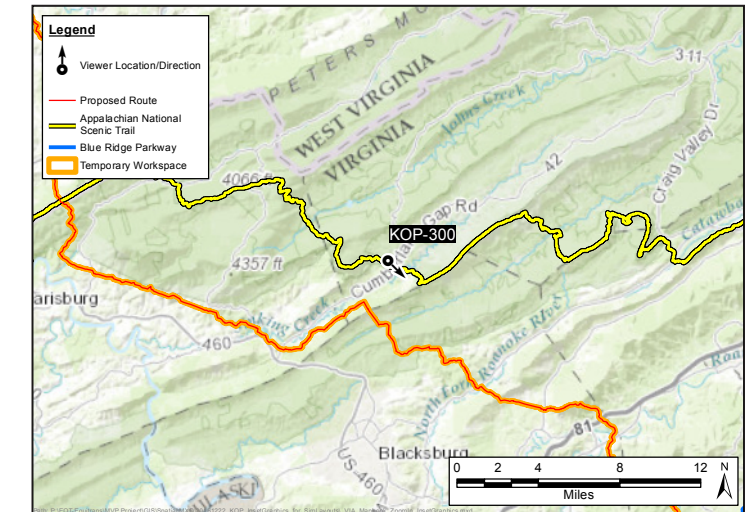


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 300



Post Construction (Leaf-off conditions) - The proposed pipeline would not be visible from KOP 300. The white arrow indicates the direction in which the proposed pipeline would cross Brush Mountain approximately 3 miles from this viewpoint, and would be screened by terrain and vegetation.



Photograph Information

Time of photograph: 11:38 AM

Date of photograph: 3.23.2017

Weather condition: Mostly sunny

Viewing direction: Southeast

Latitude: 37°22'52.11"N

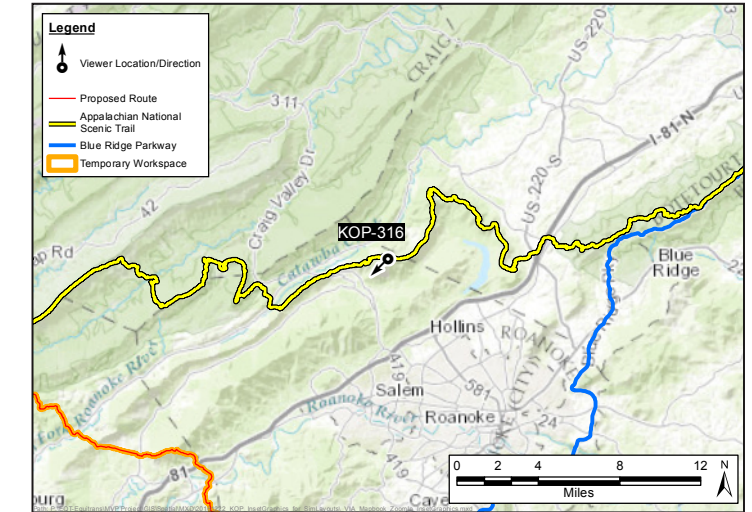
Longitude: 80°11'59.24"W

Photo Location: Photo taken from along the Appalachian National Scenic Trail in the valley between Kelly Knob and Sinking Creek Mountain, approximately 5 miles northwest of the community of Catawba, Virginia, and approximately 3 miles north of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 300



Photograph Information

Time of photograph: 11:50 AM

Date of photograph: 3.29.2017

Weather condition: Mostly sunny

Viewing direction: Southwest

Latitude: 37° 21' 33.03" N

Longitude: 80° 23' 50.33" W

Photo Location: Photo taken from along the Appalachian National Scenic Trail on McAfee Knob, approximately 5 miles northwest of the City of Roanoke, Virginia, and approximately 14 miles northeast of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

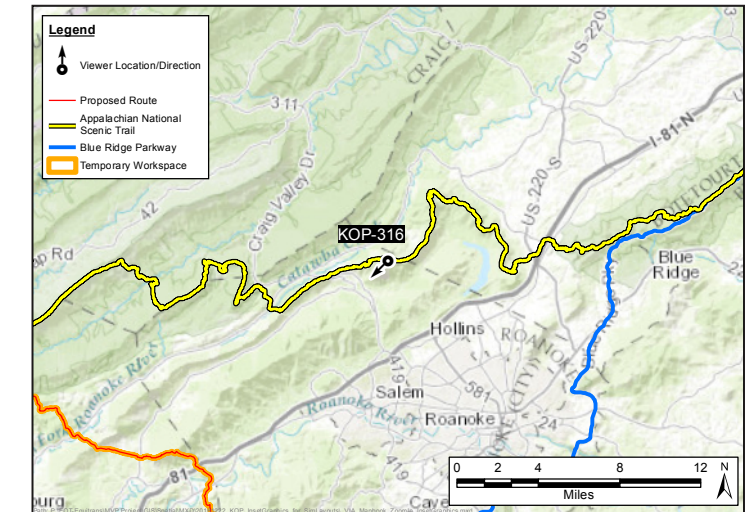


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 316



Post Construction (Leaf-off conditions) - The proposed pipeline is located approximately 14 miles southwest of KOP 316. The white arrow indicates the direction in which the proposed pipeline would cross Poor Mountain approximately 14 miles from this viewpoint. However, views of the proposed pipeline from the trail would be screened by vegetation and terrain.



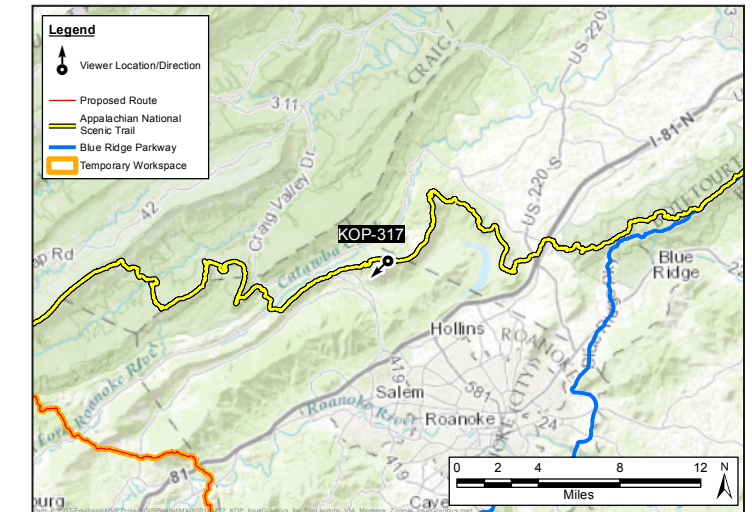
Photograph Information

Time of photograph: 11:50 AM
 Date of photograph: 3.29.2017
 Weather condition: Mostly sunny
 Viewing direction: Southwest
 Latitude: 37° 21' 33.03" N
 Longitude: 80° 23' 50.33" W
 Photo Location: Photo taken from along the Appalachian National Scenic Trail on McAfee Knob, approximately 5 miles northwest of the City of Roanoke, Virginia, and approximately 14 miles northeast of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 316



Photograph Information

Time of photograph: 11:45 AM

Date of photograph: 3.29.2017

Weather condition: Mostly sunny

Viewing direction: Southwest

Latitude: 37° 23' 27.87"N

Longitude: 80° 2' 10.44" W

Photo Location: Photo taken from along the Appalachian National Scenic Trail on McAfee Knob, approximately 50 feet northwest of KOP 316, approximately 5 miles northwest of the City of Roanoke, Virginia, and approximately 14 miles northeast of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

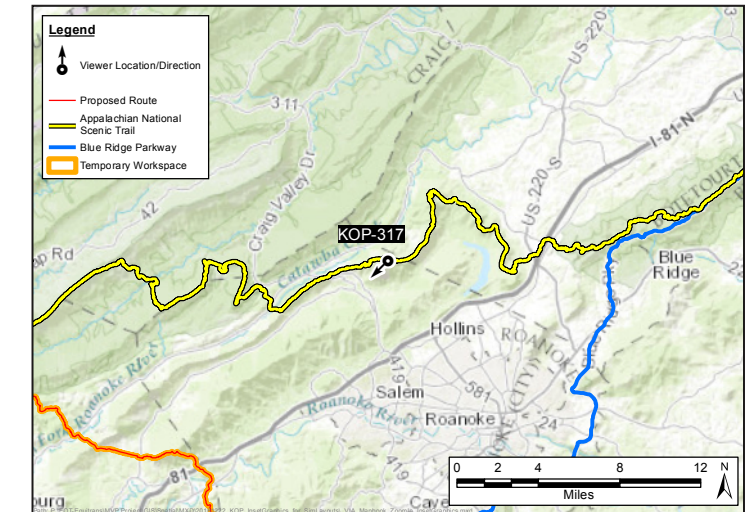


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 317



Post Construction (Leaf-off conditions) - The proposed pipeline is located approximately 14 miles southwest of KOP 317. The white arrow indicates the direction in which the proposed pipeline would cross Poor Mountain approximately 14 miles from this viewpoint. However, views of the proposed pipeline from the trail would be screened by vegetation and terrain.



Photograph Information

Time of photograph: 11:45 AM

Date of photograph: 3.29.2017

Weather condition: Mostly sunny

Viewing direction: Southwest

Latitude: 37° 23' 27.87"N

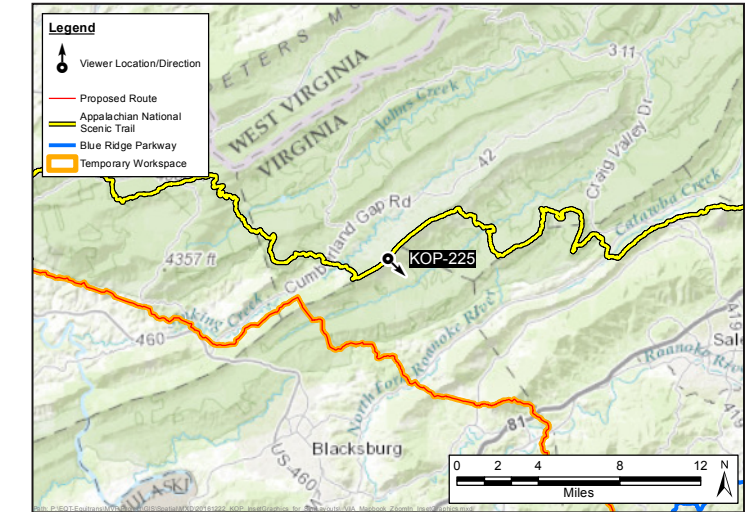
Longitude: 80° 2' 10.44" W

Photo Location: Photo taken from along the Appalachian National Scenic Trail on McAfee Knob, approximately 50 feet northwest of KOP 316, approximately 5 miles northwest of the City of Roanoke, Virginia, and approximately 14 miles northeast of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 317



Photograph Information

Time of photograph: 11:57 AM
 Date of photograph: 3.25.2017
 Weather condition: Overcast, hazy
 Viewing direction: Southeast
 Latitude: 37° 21' 25.69" N
 Longitude: 80° 20' 16.69" W
 Photo Location: Photo taken from along the Appalachian National Scenic Trail on Sinking Creek Mountain, approximately 200 feet southwest of KOP 224 and 10 miles northwest of the Town of Blacksburg, Virginia, and approximately 4.5 mile north of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

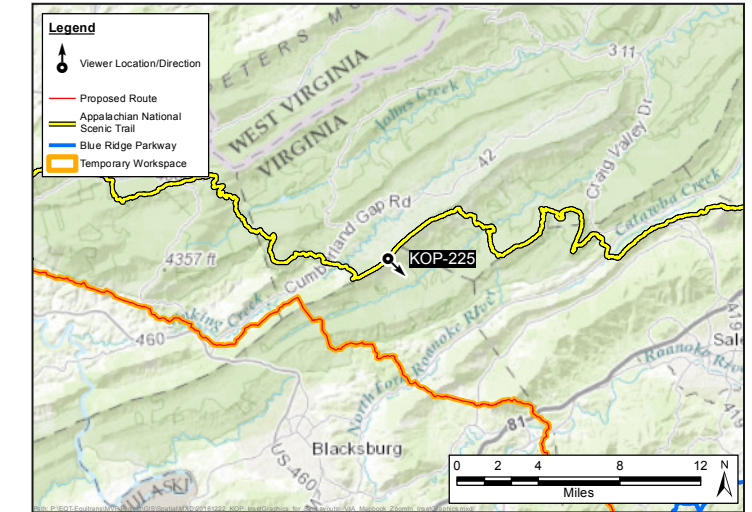


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 225



Post Construction (Leaf-off conditions) - The proposed pipeline would cross Poor Mountain at a point approximately 15 miles southeast of KOP 225. The white arrow indicates the direction in which the proposed pipeline would cross Poor Mountain 15 miles away.



Photograph Information

Time of photograph: 11:57 AM

Date of photograph: 3.25.2017

Weather condition: Overcast, hazy

Viewing direction: Southeast

Latitude: 37° 21' 25.69" N

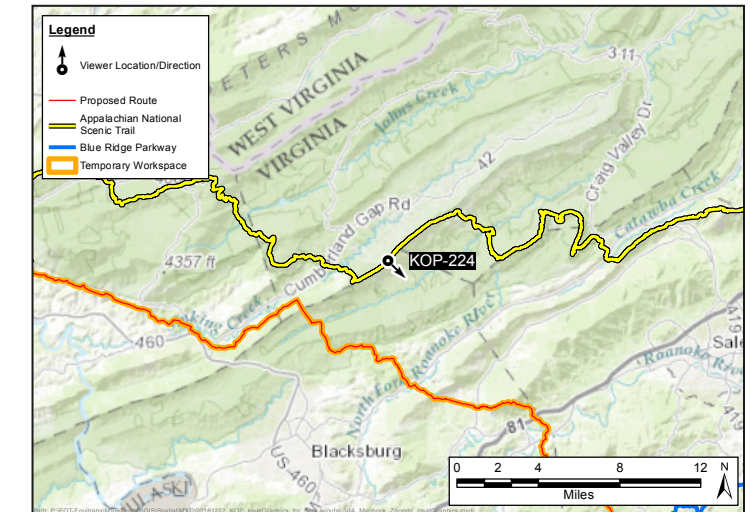
Longitude: 80° 20' 16.69" W

Photo Location: Photo taken from along the Appalachian National Scenic Trail on Sinking Creek Mountain, approximately 200 feet southwest of KOP 224 and 10 miles northwest of the Town of Blacksburg, Virginia, and approximately 4.5 mile north of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 225



Photograph Information

Time of photograph: 11:53 AM

Date of photograph: 3.25.2017

Weather condition: Overcast, hazy

Viewing direction: Southeast

Latitude: 37° 21' 27.21" N

Longitude: 80° 20' 14.96" W

Photo Location: Photo taken from along the Appalachian National Scenic Trail on Sinking Creek Mountain, approximately 10 miles northwest of the Town of Blacksburg, Virginia, and approximately 4.5 mile north of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

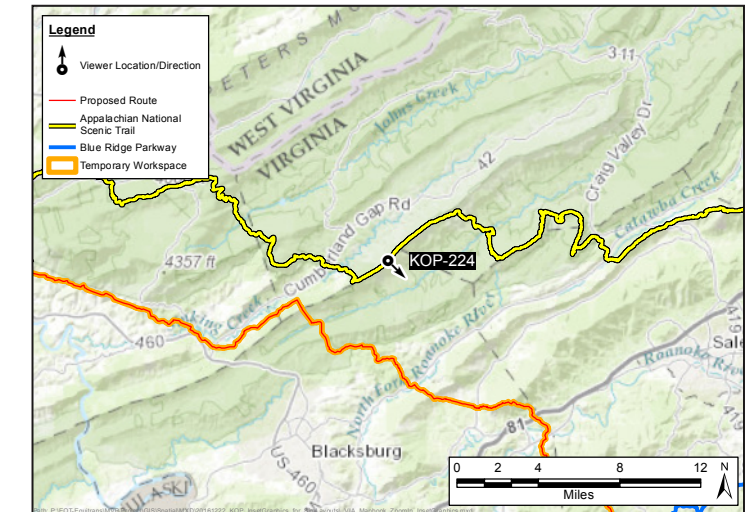


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 224



Post Construction (Leaf-off conditions) - The proposed pipeline would cross Ft. Lewis Mountain and Poor Mountain at a point approximately 9.5 and 15 miles southeast of Sinking Creek Mountain, respectively. The white arrows indicate the direction in which the proposed pipeline would cross Ft. Lewis Mountain (right arrow) and Poor Mountain (left arrow) approximately 9.5 and 15 miles from this viewpoint, respectively.



Photograph Information

Time of photograph: 11:53 AM

Date of photograph: 3.25.2017

Weather condition: Overcast, hazy

Viewing direction: Southeast

Latitude: 37° 21' 27.21" N

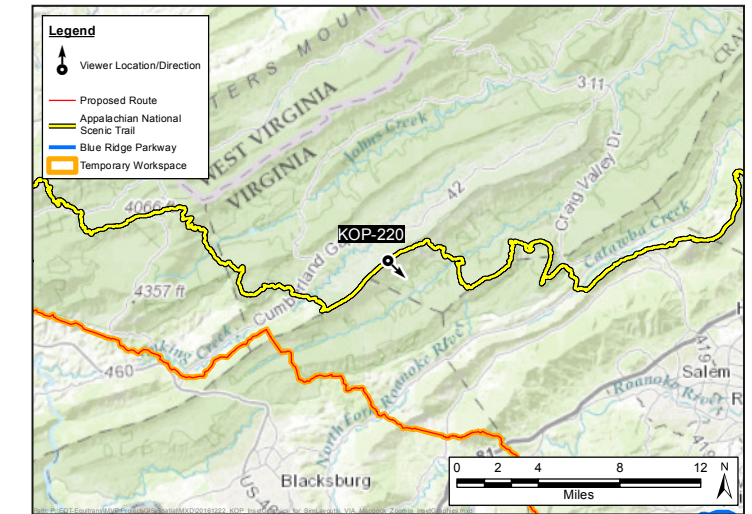
Longitude: 80° 20' 14.96" W

Photo Location: Photo taken from along the Appalachian National Scenic Trail on Sinking Creek Mountain, approximately 10 miles northwest of the Town of Blacksburg, Virginia, and approximately 4.5 mile north of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 224



Photograph Information

Time of photograph: 10:26 AM

Date of photograph: 3.25.2017

Weather condition: Overcast, hazy

Viewing direction: Southeast

Latitude: 37°22'42.31"N

Longitude: 80°18'35.95"W

Photo Location: Photo taken from along the Appalachian National Scenic Trail on Sinking Creek Mountain, approximately 12 miles northwest of the Town of Blacksburg, Virginia, and approximately 7 miles north of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

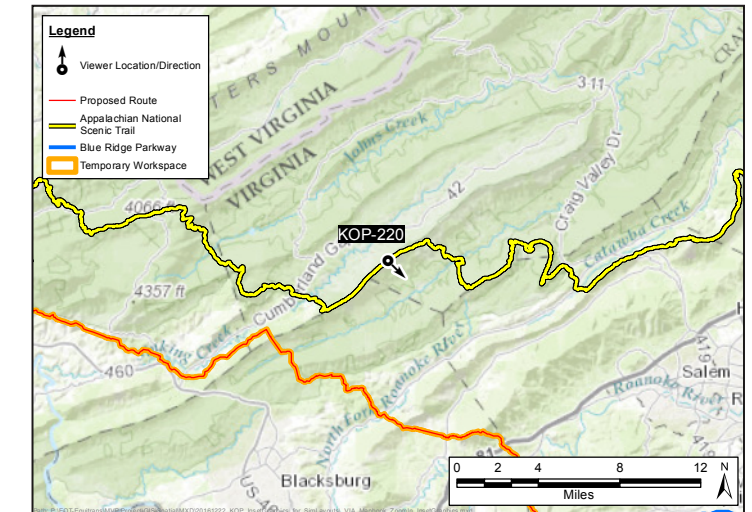


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 220



Post Construction (Leaf-off conditions) - The proposed pipeline would cross Ft. Lewis Mountain and Poor Mountain at a point approximately 9.5 and 15 miles southeast of Sinking Creek Mountain, respectively. The white arrow indicates the direction in which the proposed pipeline would be located crossing Ft. Lewis Mountain approximately 9.5 miles from this viewpoint.



Photograph Information

Time of photograph: 10:26 AM

Date of photograph: 3.25.2017

Weather condition: Overcast, hazy

Viewing direction: Southeast

Latitude: 37°22'42.31"N

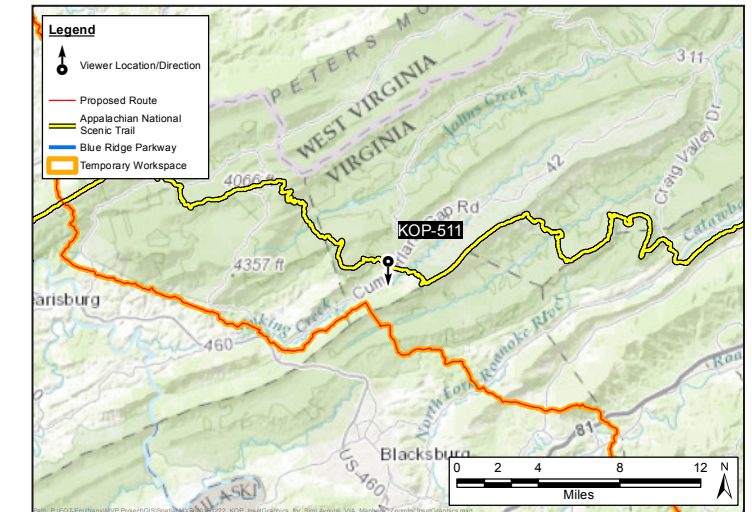
Longitude: 80°18'35.95"W

Photo Location: Photo taken from along the Appalachian National Scenic Trail on Sinking Creek Mountain, approximately 12 miles northwest of the Town of Blacksburg, Virginia, and approximately 7 miles north of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 220



Photograph Information

Time of photograph: 10:49 AM

Date of photograph: 3.23.2017

Weather condition: Mostly sunny

Viewing direction: South

Latitude: 37° 21' 35.80" N

Longitude: 80° 23' 55.88" W

Photo Location: Photo taken from along the Appalachian National Scenic Trail approximately 0.6 mile northwest of Cumberland Gap Road, approximately 2.7 miles southwest of the community of Simonsville, Virginia, and approximately 2.5 miles northeast of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

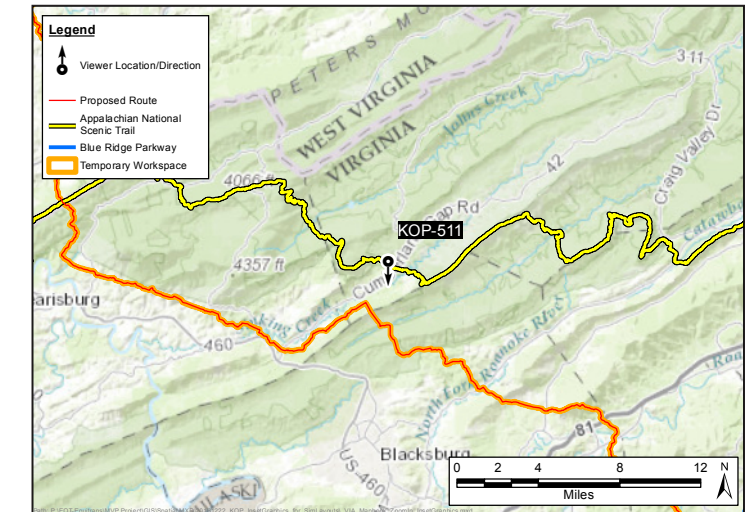


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 511



Post Construction (Leaf-off conditionS) - The proposed pipeline would be located behind the hill to the right and would not be visible from KOP 511.



Photograph Information

Time of photograph: 10:49 AM

Date of photograph: 3.23.2017

Weather condition: Mostly sunny

Viewing direction: South

Latitude: 37° 21' 35.80" N

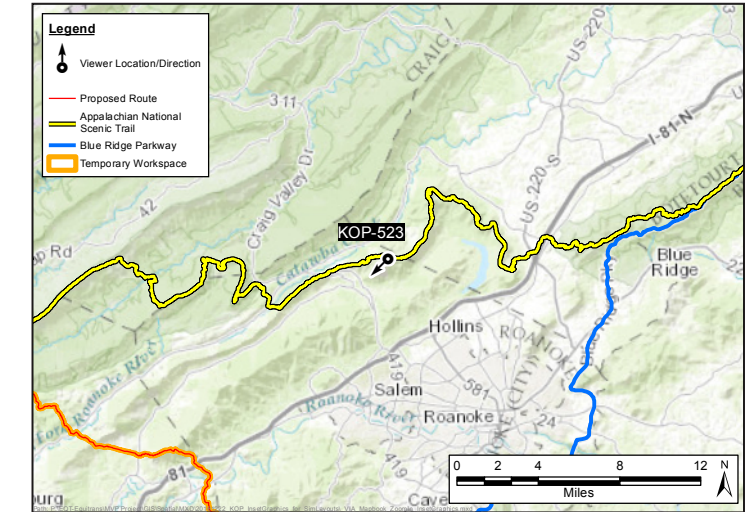
Longitude: 80° 23' 55.88" W

Photo Location: Photo taken from along the Appalachian National Scenic Trail approximately 0.6 mile northwest of Cumberland Gap Road, approximately 2.7 miles southwest of the community of Simonsville, Virginia, and approximately 2.5 miles northeast of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 511



Photograph Information

Time of photograph: 1:03 PM

Date of photograph: 3.29.2017

Weather condition: Mostly sunny

Viewing direction: Southwest

Latitude: 37° 23' 26.69" N

Longitude: 80° 2' 5.57" W

Photo Location: Photo taken from along the Appalachian National Scenic Trail on McAfee Knob, approximately 350 feet southeast of KOP 316, and approximately 5 miles northwest of the City of Roanoke, Virginia, and approximately 14 miles northeast of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

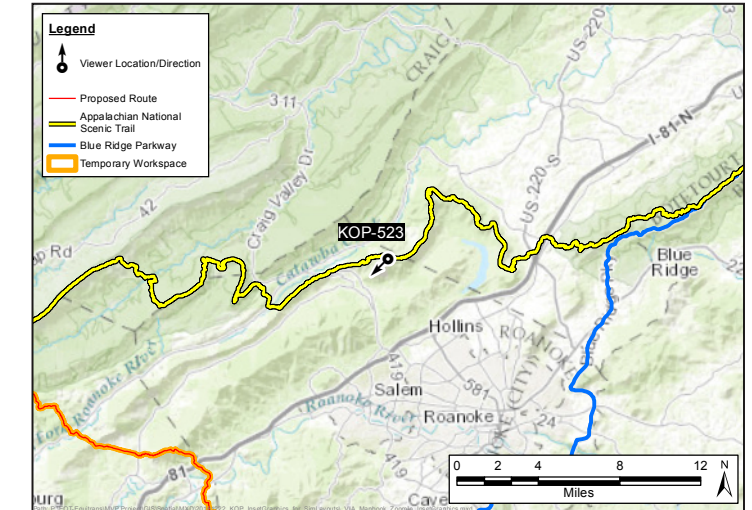


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 523



Post Construction (Leaf-off conditionS) - The proposed pipeline is located approximately 14 miles southwest of KOP 523. The white arrow indicates the direction in which the proposed pipeline would cross Poor Mountain approximately 14 miles from this viewpoint. However, views of the proposed pipeline from the trail would be screened by vegetation and terrain.



Photograph Information

Time of photograph: 1:03 PM

Date of photograph: 3.29.2017

Weather condition: Mostly sunny

Viewing direction: Southwest

Latitude: 37° 23' 26.69" N

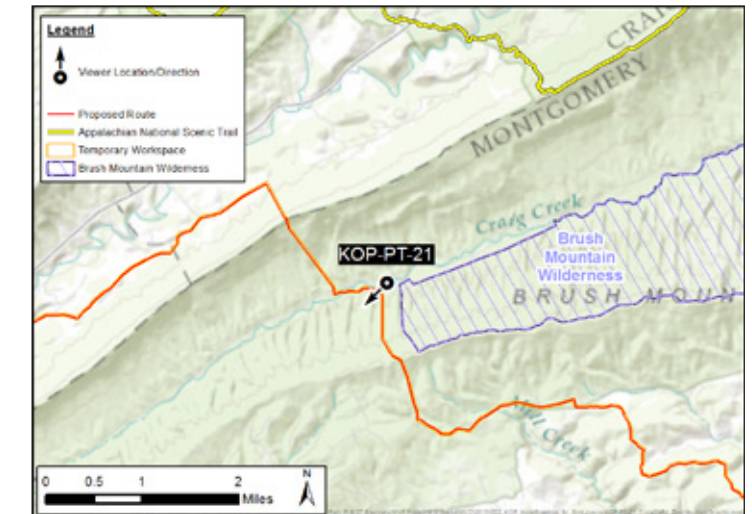
Longitude: 80° 2' 5.57" W

Photo Location: Photo taken from along the Appalachian National Scenic Trail on McAfee Knob, approximately 350 feet southeast of KOP 316, and approximately 5 miles northwest of the City of Roanoke, Virginia, and approximately 14 miles northeast of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 523



Photograph Information

Time of photograph: 9:14 AM

Date of photograph: 12.21.2016

Weather condition: Mostly Sunny

Viewing direction: Southwest

Latitude: 37°18'53.51"N

Longitude: 80°23'47.44"W

Photo Location: Photo taken from Craig Creek Road approximately 4.1 miles northeast of Highway 460 in Virginia, and approximately 0.10 mile from the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

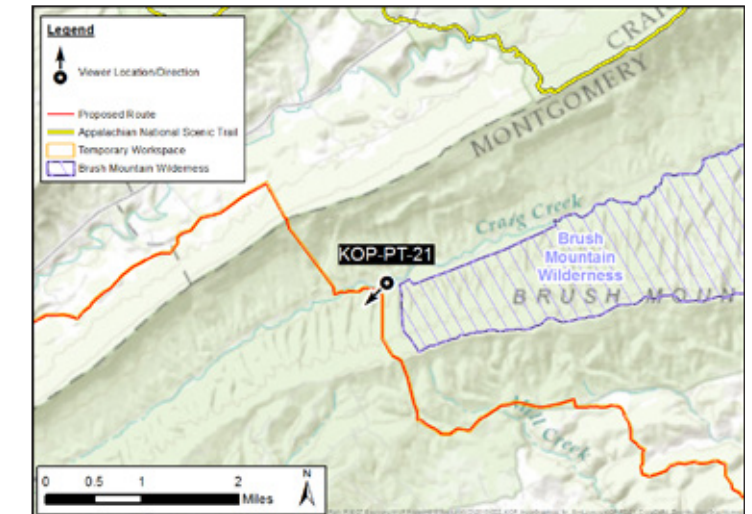


Mountain Valley Pipeline Project

Existing Conditions from
Craig Creek Road KOP PT-21



Post Construction (Leaf-off conditions) - The proposed pipeline crossing Brush Mountain and the adjacent valley would be screened by vegetation. The white arrow indicates the direction in which the proposed pipeline would cross over Sinking Creek Mountain approximately 0.8 mile from this viewpoint. Views would be screened by terrain and vegetation.



Photograph Information

Time of photograph: 9:14 AM

Date of photograph: 12.21.2016

Weather condition: Mostly Sunny

Viewing direction: Southwest

Latitude: 37°18'53.51"N

Longitude: 80°23'47.44"W

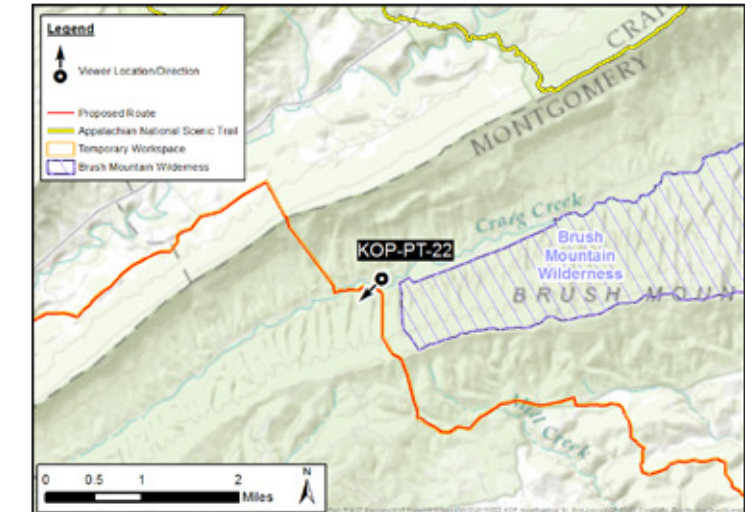
Photo Location: Photo taken from Craig Creek Road approximately 4.1 miles northeast of Highway 460 in Virginia, and approximately 0.10 mile from the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.



Mountain Valley Pipeline Project

Photographic Simulation from Craig Creek Road KOP PT-21



Photograph Information

Time of photograph: 9:21 AM

Date of photograph: 12.21.2016

Weather condition: Mostly Sunny

Viewing direction: Southwest

Latitude: 37°18'54.90"N

Longitude: 80°23'51.25"W

Photo Location: Photo taken from Craig Creek Road approximately 4 miles northeast of Highway 460 in Virginia, and approximately 0.10 mile from the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

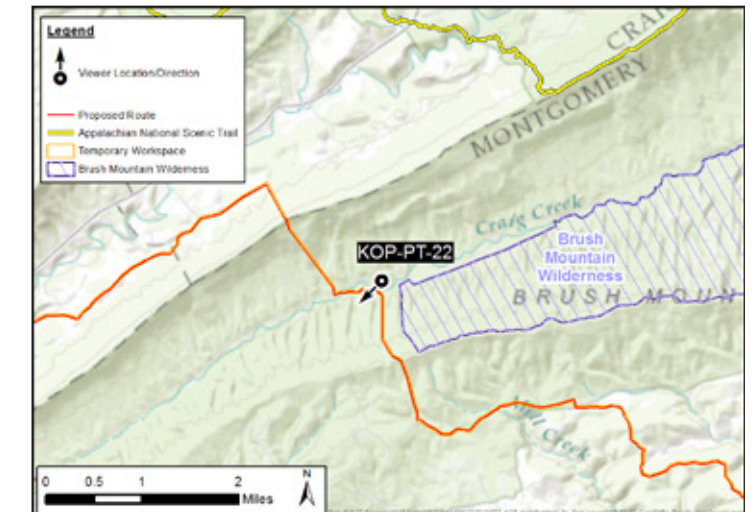


Mountain Valley Pipeline Project

Existing Conditions from
Craig Creek Road KOP PT-22



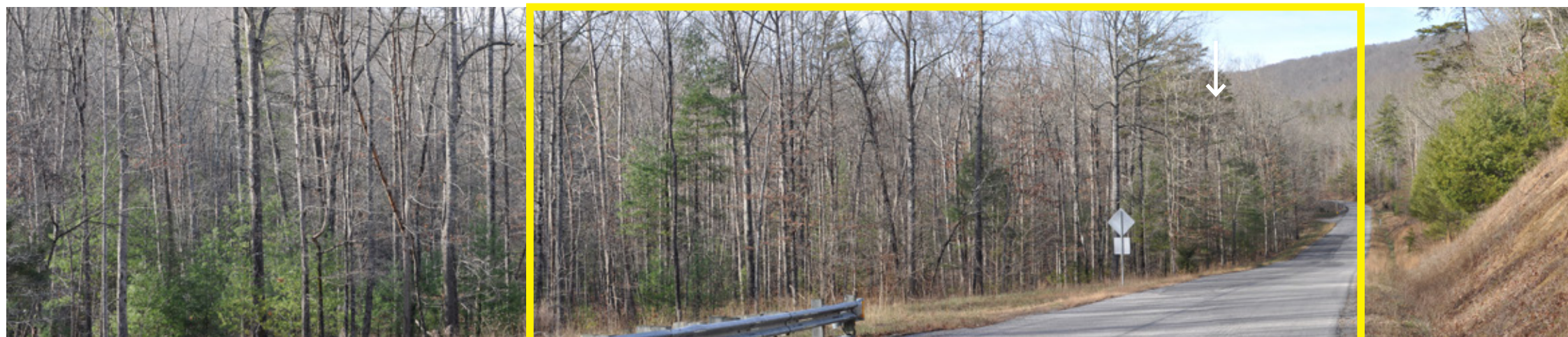
Post Construction (Leaf-off conditions) - The proposed pipeline crossing Brush Mountain and the adjacent valley (left side of the photo below) would be screened by vegetation. The white arrow indicates the direction in which the proposed pipeline would cross Sinking Creek Mountain (right side of the photo below) approximately 0.8 mile from this viewpoint. Views would be screened by terrain and vegetation.



Photograph Information

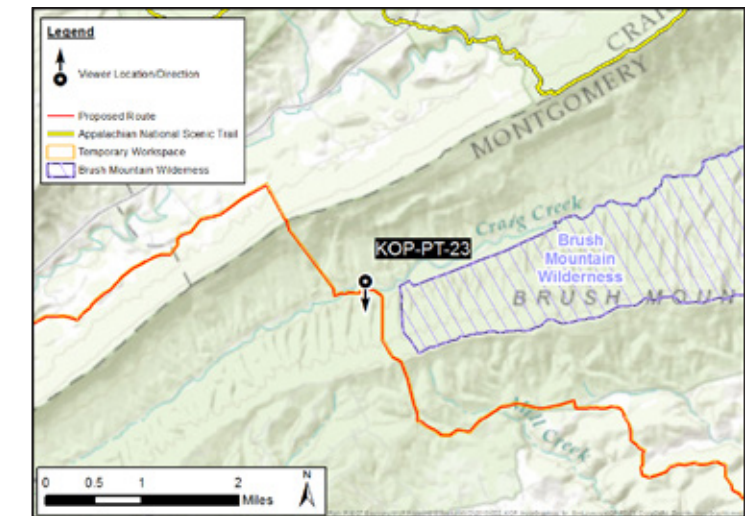
Time of photograph: 9:21 AM
 Date of photograph: 12.21.2016
 Weather condition: Mostly Sunny
 Viewing direction: Southwest
 Latitude: 37°18'54.90"N
 Longitude: 80°23'51.25"W
 Photo Location: Photo taken from Craig Creek Road approximately 4 miles northeast of Highway 460 in Virginia, and approximately 0.10 mile from the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.



Mountain Valley Pipeline Project

Photographic Simulation from Craig Creek Road KOP PT-22



Photograph Information

Time of photograph: 9:27 AM

Date of photograph: 12.21.2016

Weather condition: Mostly Sunny

Viewing direction: South

Latitude: 37°18'55.33"N

Longitude: 80°24'2.22"W

Photo Location: Photo taken from Craig Creek Road approximately 4 miles northeast of Highway 460 in Virginia, and approximately 400 feet from the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

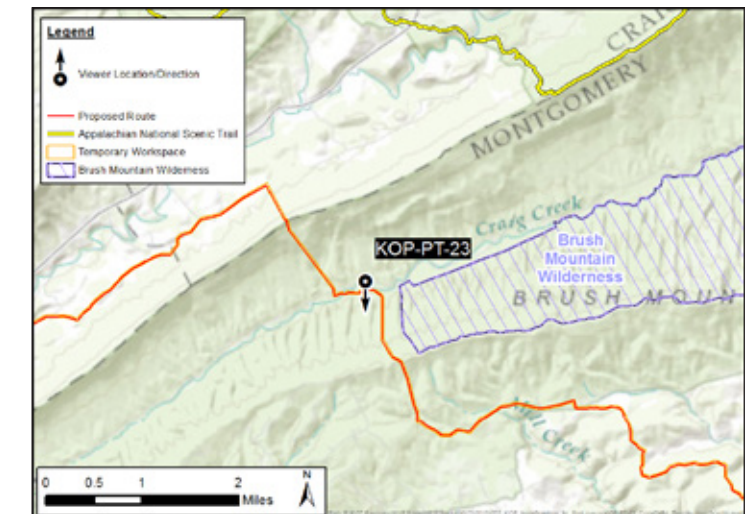


Mountain Valley Pipeline Project

Existing Conditions from
Craig Creek Road KOP PT-23



Post Construction (Leaf-off conditions) - The proposed pipeline crossing Brush Mountain and the adjacent valley (left side of the photo below) would be screened by vegetation. The white arrow indicates the direction in which the proposed pipeline would cross Sinking Creek Mountain (right side of the photo below) approximately 0.5 mile from this viewpoint. Views would be screened by terrain and vegetation.



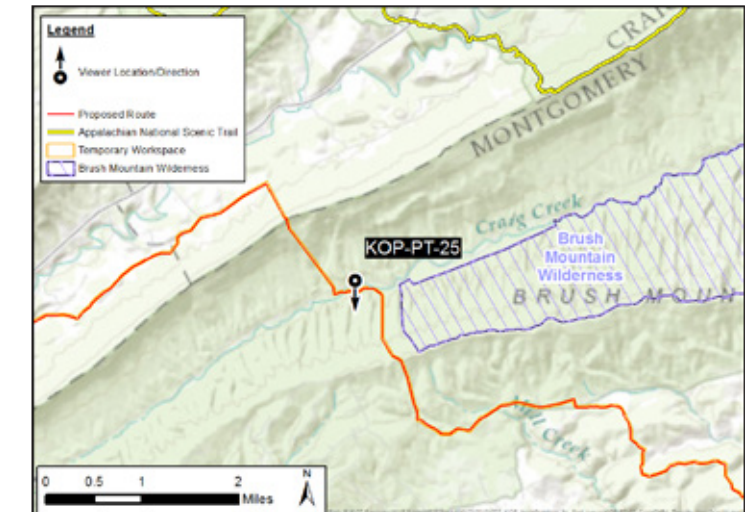
Photograph Information

Time of photograph: 9:27 AM
 Date of photograph: 12.21.2016
 Weather condition: Mostly Sunny
 Viewing direction: South
 Latitude: 37°18'55.33"N
 Longitude: 80°24'2.22"W
 Photo Location: Photo taken from Craig Creek Road approximately 4 miles northeast of Highway 460 in Virginia, and approximately 400 feet from the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Craig Creek Road KOP PT-23



Photograph Information

Time of photograph: 9:32 AM

Date of photograph: 12.21.2016

Weather condition: Mostly Sunny

Viewing direction: South

Latitude: 37°18'55.33"N

Longitude: 80°24'2.22"W

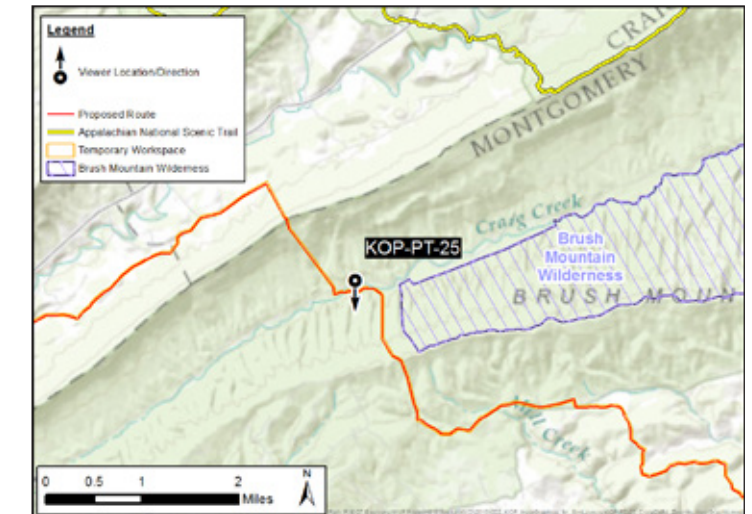
Photo Location: Photo taken from Craig Creek Road approximately 3.9 miles northeast of Highway 460 in Virginia, and approximately 0.1 mile from the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.



Mountain Valley Pipeline Project

Existing Conditions from
Craig Creek Road KOP PT-25



Photograph Information

Time of photograph: 9:32 AM

Date of photograph: 12.21.2016

Weather condition: Mostly Sunny

Viewing direction: South

Latitude: 37°18'55.33"N

Longitude: 80°24'2.22"W

Photo Location: Photo taken from Craig Creek Road approximately 3.9 miles northeast of Highway 460 in Virginia, and approximately 0.1 mile from the proposed pipeline.

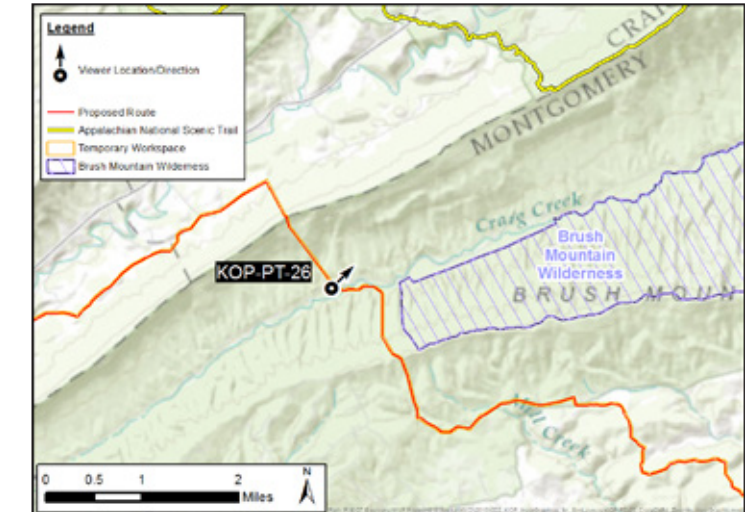
Post Construction (Leaf-off conditions) - The simulation prepared for this KOP does not show visible evidence of the ROW on Brush Mountain or the Sinking Creek Valley. The proposed access road and upgrades to the road (addition of gravel to the surface) would be visible from Craig Creek Road. However, the proposed pipeline where it crosses the valley adjacent to Craig Creek Road would be screened by vegetation and terrain. The yellow arrows indicate the road upgrades that would be visible from KOP PT-25. The white arrow indicates approximately where the pipeline would cross the valley adjacent to the road approximately 0.10 mile from this viewpoint. Views of the proposed pipeline would be screened by vegetation from this location.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.



Mountain Valley Pipeline Project

Photographic Simulation from Craig Creek Road KOP PT-25



Photograph Information

Time of photograph: 9:37 AM

Date of photograph: 12.21.2016

Weather condition: Mostly Sunny

Viewing direction: Northeast

Latitude: 37°18'49.88"N

Longitude: 80°24'24.54"W

Photo Location: Photo taken from Craig Creek Road approximately 3.6 miles northeast of Highway 460 in Virginia, and approximately 100 feet west of the proposed pipeline.



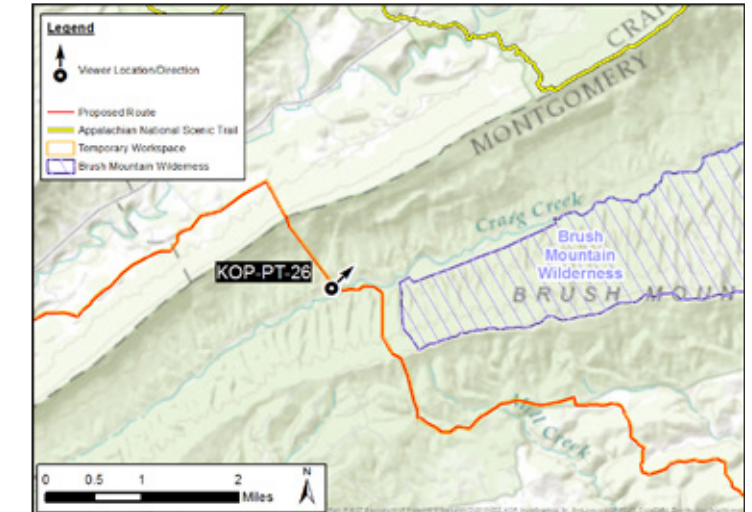
The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Existing Conditions from
Craig Creek Road KOP PT-26



Post Construction (Leaf-off conditions) - The proposed pipeline would cross Craig Creek Road approximately 75 feet east of KOP PT-26. However, the pipeline would be bored under the road and the bore pits would be located approximately 60-100 feet from the road and would be screened by vegetation and terrain.



Photograph Information

Time of photograph: 9:37 AM

Date of photograph: 12.21.2016

Weather condition: Mostly Sunny

Viewing direction: Northeast

Latitude: 37°18'49.88"N

Longitude: 80°24'24.54"W

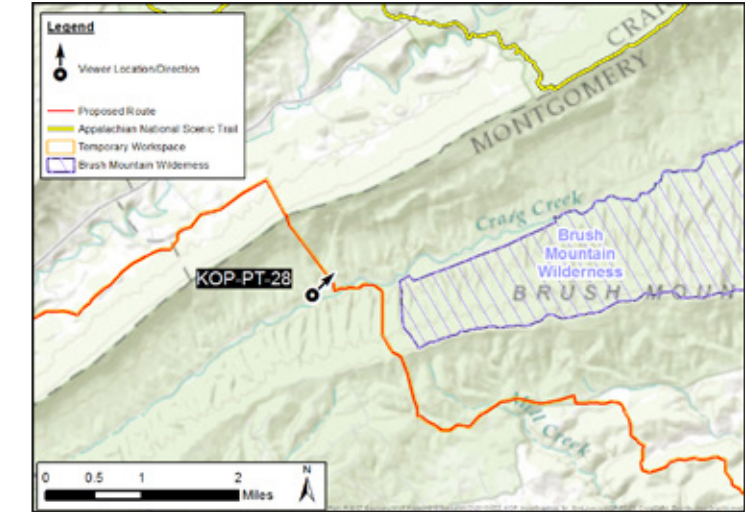
Photo Location: Photo taken from Craig Creek Road approximately 3.6 miles northeast of Highway 460 in Virginia, and approximately 100 feet west of the proposed pipeline.



The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Craig Creek Road KOP PT-26



Photograph Information

Time of photograph: 9:44 AM

Date of photograph: 12.21.2016

Weather condition: Mostly Sunny

Viewing direction: Northeast

Latitude: 37°18'45.53"N

Longitude: 80°24'37.87"W

Photo Location: Photo taken from Craig Creek Road approximately 3.4 miles northeast of Highway 460 in Virginia, and approximately 0.25 mile west of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

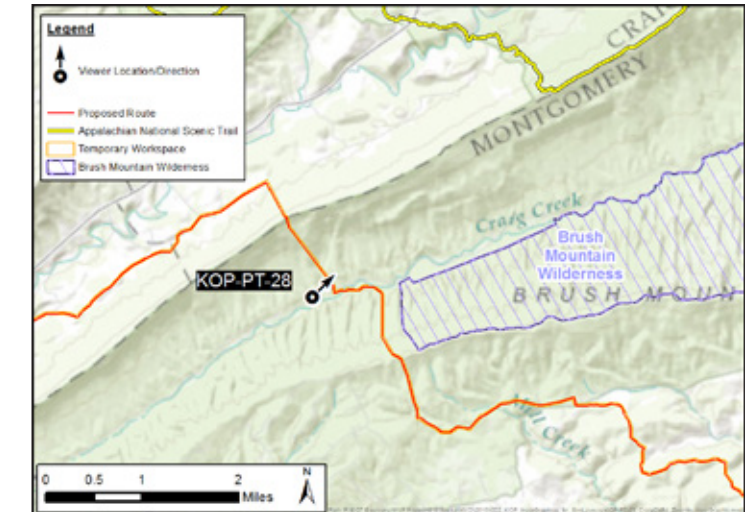


Mountain Valley Pipeline Project

Existing Conditions from
Craig Creek Road KOP PT-28



Post Construction (Leaf-off conditions) - The proposed pipeline would cross Craig Creek Road approximately 0.25 mile east of KOP PT-28. The pipeline would be screened by vegetation and terrain. The white arrow indicates the direction in which the proposed pipeline would cross Brush Mountain approximately 0.7 mile from this viewpoint. Views of the pipeline crossing Brush Mountain from this location would be screened by vegetation.



Photograph Information

Time of photograph: 9:44 AM

Date of photograph: 12.21.2016

Weather condition: Mostly Sunny

Viewing direction: Northeast

Latitude: 37°18'45.53"N

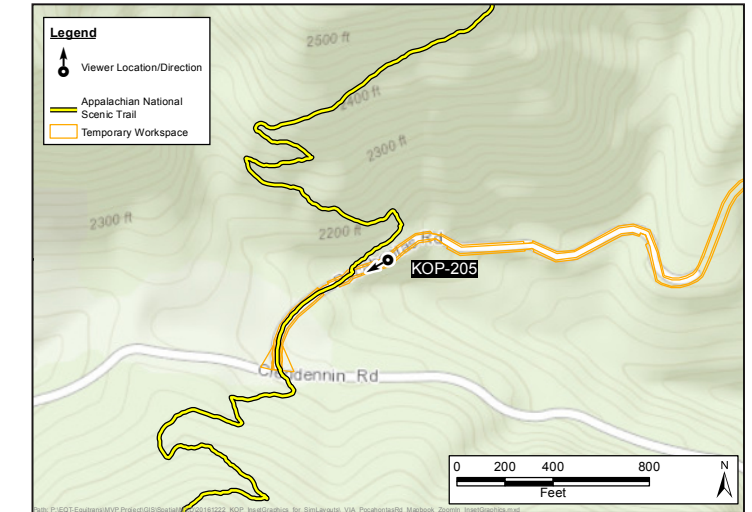
Longitude: 80°24'37.87"W

Photo Location: Photo taken from Craig Creek Road approximately 3.4 miles northeast of Highway 460 in Virginia, and approximately 0.25 mile west of the proposed pipeline.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Craig Creek Road KOP PT-28



Photograph Information

Time of photograph: 1:13 PM

Date of photograph: 3.23.2017

Weather condition: Sunny

Viewing direction: Southwest

Latitude: 37°21'57.56"N

Longitude: 80°44'53.91"W

Photo Location: Photo taken from Pocahontas Road approximately 175 feet northeast of where the Appalachian National Scenic Trail leaves the road and turns north onto USFS property, and approximately 750 feet north of Route 641 and 2.8 miles northwest of the Town of Pearisburg, Virginia.



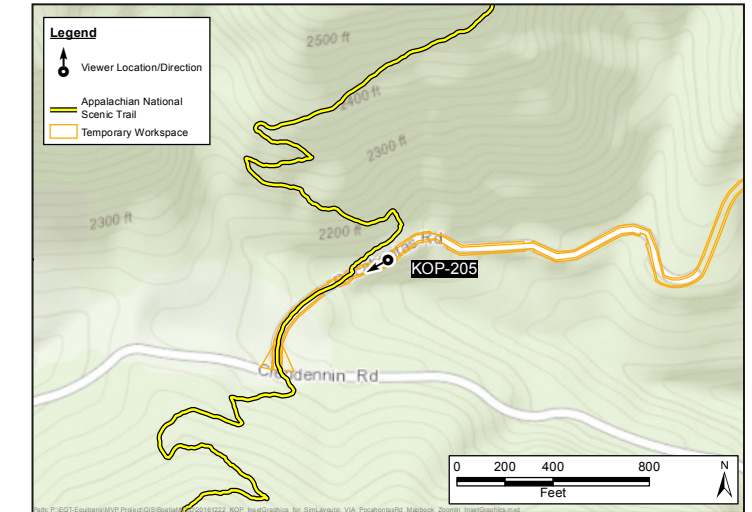
The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Existing Conditions from
Pocahontas Road KOP 205



Post Construction (Leaf-off conditions) - From this location modifications to the roadway would be apparent where culvert upgrades would occur. The yellow arrow indicates the modifications to the roadway.



Photograph Information

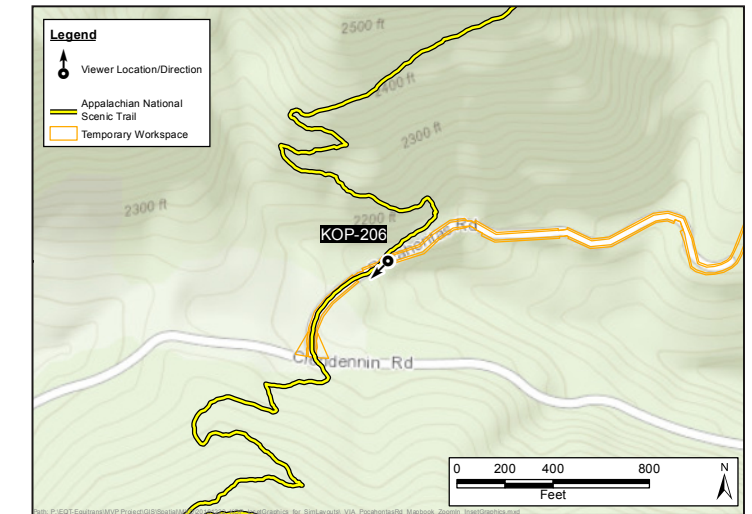
Time of photograph: 1:13 PM
 Date of photograph: 3.23.2017
 Weather condition: Sunny
 Viewing direction: Southwest
 Latitude: 37°21'57.56"N
 Longitude: 80°44'53.91"W
 Photo Location: Photo taken from Pocahontas Road approximately 175 feet northeast of where the Appalachian National Scenic Trail leaves the road and turns north onto USFS property, and approximately 750 feet north of Route 641 and 2.8 miles northwest of the Town of Pearisburg, Virginia.



The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Pocahontas Road KOP 205



Photograph Information

Time of photograph: 3:23 PM

Date of photograph: 3.23.2017

Weather condition: Sunny

Viewing direction: Southwest

Latitude: 37°21'56.95"N

Longitude: 80°44'55.70"W

Photo Location: Photo taken from Pocahontas Road approximately 20 feet northeast of where the Appalachian National Scenic Trail leaves the road and turns north onto USFS property, and approximately 550 feet north of Route 641 and 2.8 miles northwest of the Town of Pearisburg, Virginia.



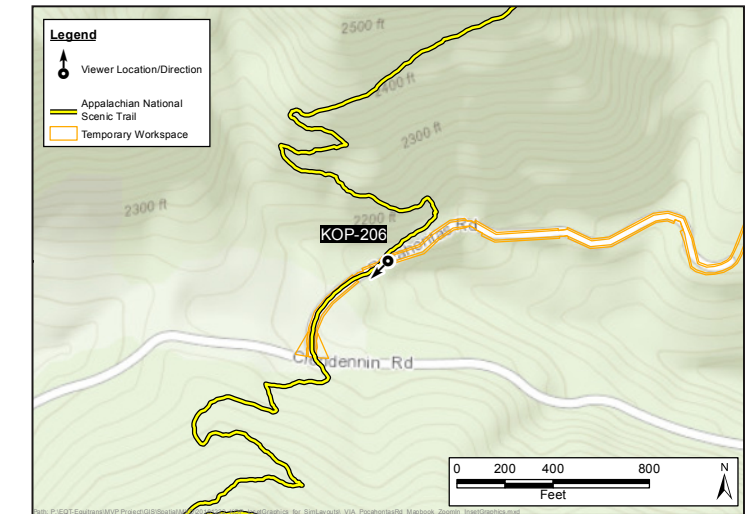
The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 206



Post Construction (Leaf-off conditions) - From this location modifications to the roadway would be apparent where culvert upgrades would occur. The yellow arrow indicates the modifications to the roadway.



Photograph Information

Time of photograph: 3:23 PM

Date of photograph: 3.23.2017

Weather condition: Sunny

Viewing direction: Southwest

Latitude: 37°21'56.95"N

Longitude: 80°44'55.70"W

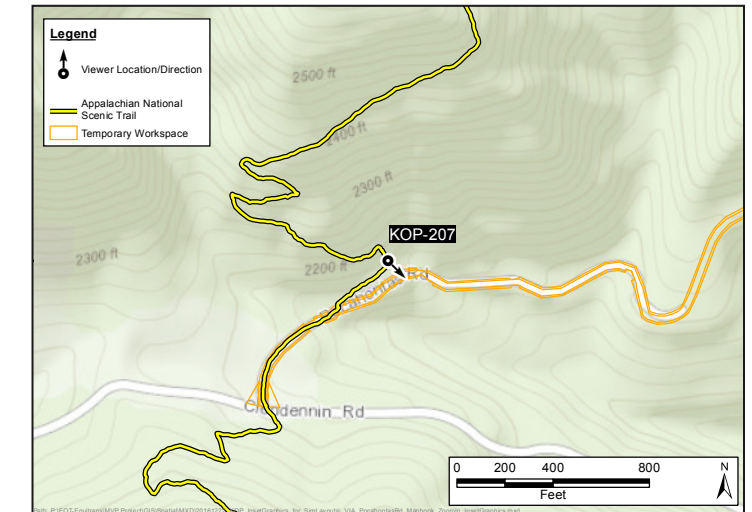
Photo Location: Photo taken from Pocahontas Road approximately 20 feet northeast of where the Appalachian National Scenic Trail leaves the road and turns north onto USFS property, and approximately 550 feet north of Route 641 and 2.8 miles northwest of the Town of Pearisburg, Virginia.



The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 206



Photograph Information

Time of photograph: 1:21 PM

Date of photograph: 3.23.2017

Weather condition: Sunny

Viewing direction: Southeast

Latitude: 37° 21' 58.99" N

Longitude: 80° 44' 53.18" W

Photo Location: Photo taken from Pocahontas Road approximately 300 feet northeast of where the Appalachian National Scenic Trail leaves the road and turns north onto USFS property, and approximately 550 feet north of Route 641 and 2.8 miles northwest of the Town of Pearisburg, Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

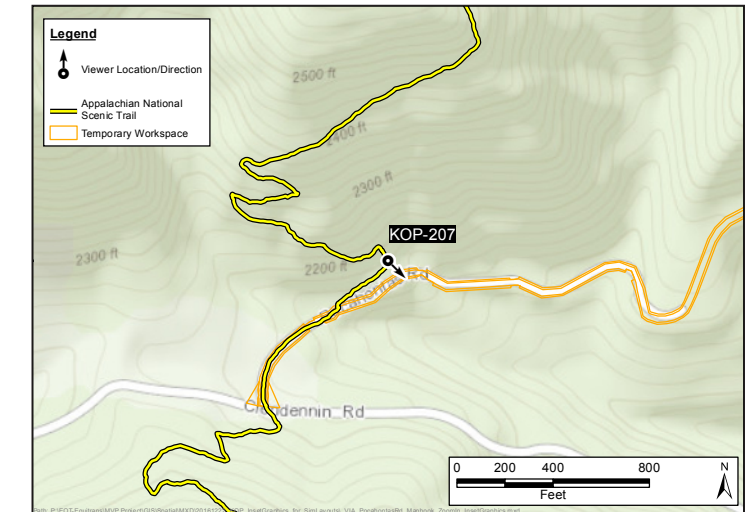


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 207



Post Construction (Leaf-off conditions) - From KOP 207 modifications to the roadway would be screened by vegetation.



Photograph Information

Time of photograph: 1:21 PM

Date of photograph: 3.23.2017

Weather condition: Sunny

Viewing direction: Southeast

Latitude: 37° 21' 58.99" N

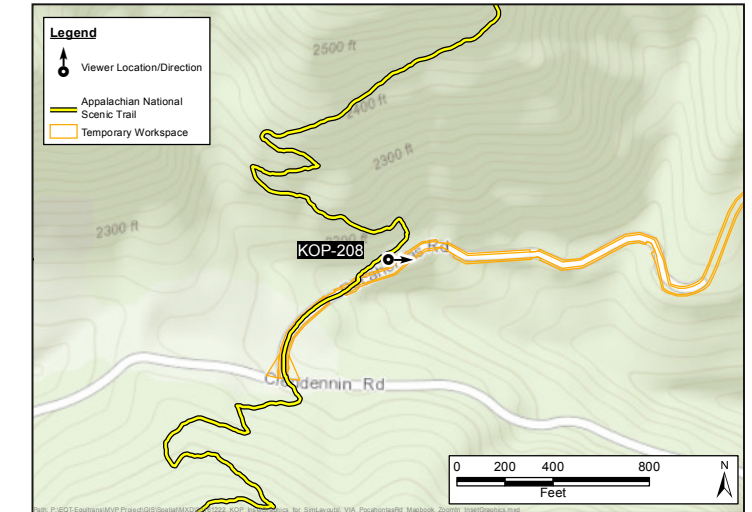
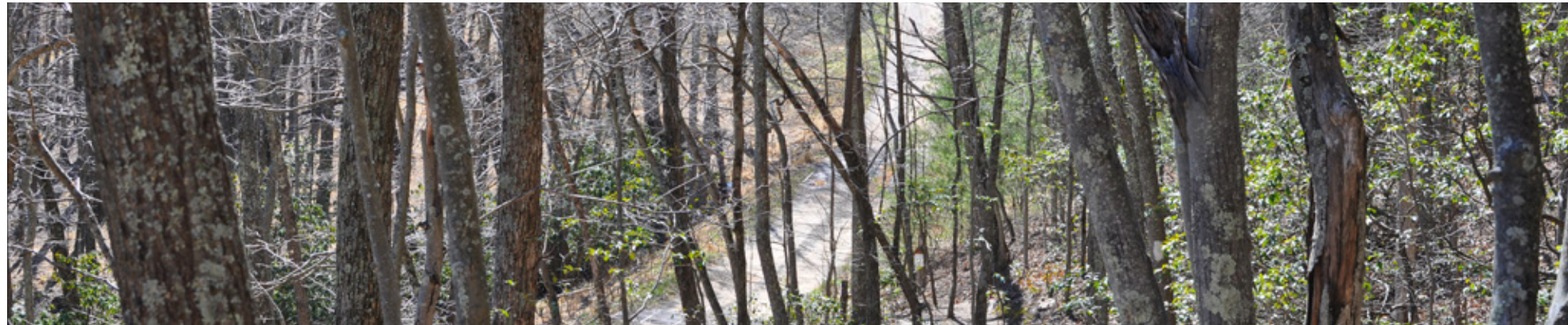
Longitude: 80° 44' 53.18" W

Photo Location: Photo taken from Pocahontas Road approximately 300 feet northeast of where the Appalachian National Scenic Trail leaves the road and turns north onto USFS property, and approximately 550 feet north of Route 641 and 2.8 miles northwest of the Town of Pearisburg, Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 207



Photograph Information

Time of photograph: 9:07 AM

Date of photograph: 2.21.2017

Weather condition: Sunny

Viewing direction: East - Southeast

Latitude: 37°21'54.35"N

Longitude: 80°44'45.13"W

Photo Location: Photo taken from along the Appalachian National Scenic Trail approximately 85 feet north of Pocahontas Road and 2.8 miles northwest of the Town of Pearisburg, Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

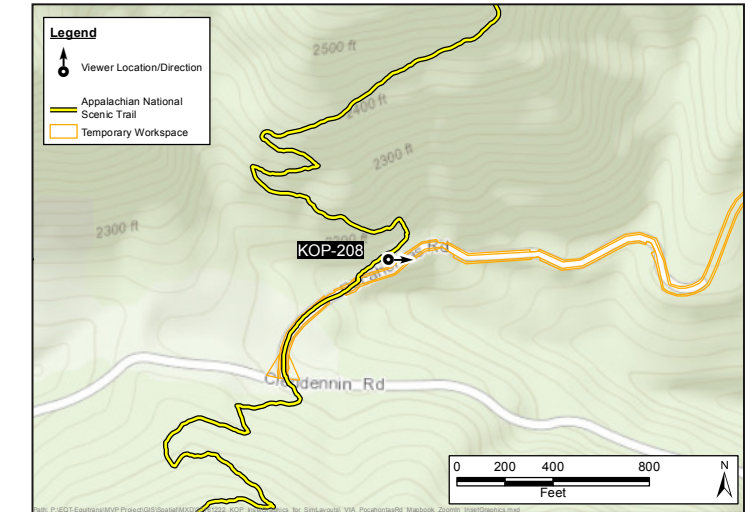


Mountain Valley Pipeline Project

Existing Conditions from
Pocahontas Road KOP 208



Post Construction (Leaf-off conditions) - From this location modifications to the roadway, including filling pot holes with gravel, would be apparent. The yellow arrow indicates the approximate location of modifications to the roadway.



Photograph Information

Time of photograph: 9:07 AM

Date of photograph: 2.21.2017

Weather condition: Sunny

Viewing direction: East - Southeast

Latitude: 37°21'54.35"N

Longitude: 80°44'45.13"W

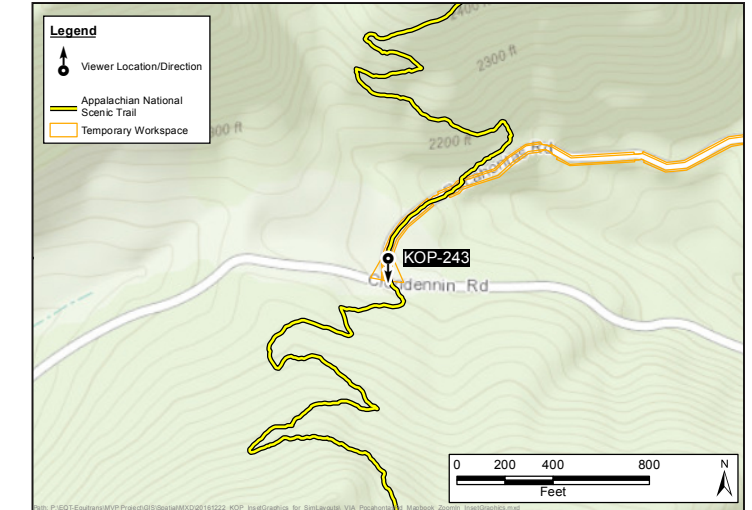
Photo Location: Photo taken from along the Appalachian National Scenic Trail approximately 85 feet north of Pocahontas Road and 2.8 miles northwest of the Town of Pearisburg, Virginia.



The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Pocahontas Road KOP 208



Photograph Information

Time of photograph: 9:39 AM

Date of photograph: 1.21.2017

Weather condition: Sunny

Viewing direction: South-Southwest

Latitude: 37°21'53.80"N

Longitude: 80°44'59.63"W

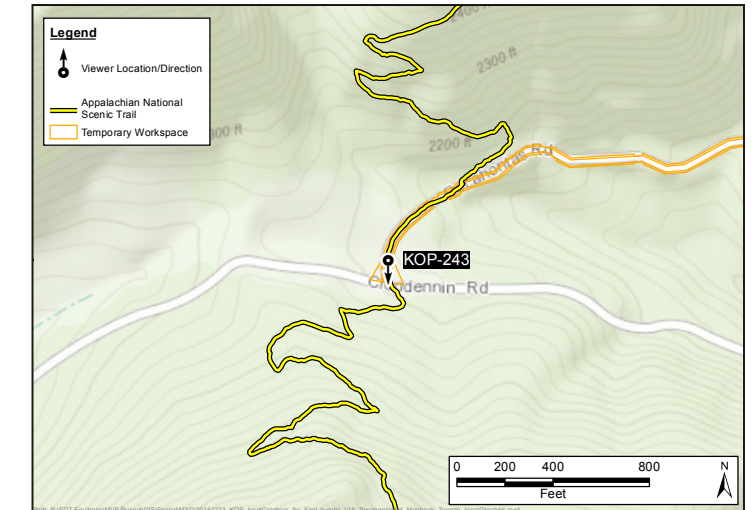
Photo Location: Photo taken from Pocahontas Road approximately 85 feet north of Route 641 and 2.8 miles northwest of the Town of Pearisburg, Virginia, where the Appalachian National Scenic Trail shares the same location as Pocahontas Road.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.



Mountain Valley Pipeline Project

Existing Conditions from
Pocahontas Road KOP 243



Photograph Information

Time of photograph: 9:39 AM

Date of photograph: 1.21.2017

Weather condition: Sunny

Viewing direction: South-Southwest

Latitude: 37°21'53.80"N

Longitude: 80°44'59.63"W

Photo Location: Photo taken from Pocahontas Road approximately 85 feet north of Route 641 and 2.8 miles northwest of the Town of Pearisburg, Virginia, where the Appalachian National Scenic Trail shares the same location as Pocahontas Road.

Post Construction (Leaf-off conditions) - From this location modifications to the roadway, including filling pot holes with gravel, would be apparent. The yellow arrow indicates the modifications to the roadway. Two Additional Temporary Work Spaces (ATWS's), approximately 2,370 square feet (left side) and 2,630 square feet (right side), are proposed along Clendennin Road at the intersection with Pocahontas Road. These areas will be used for equipment offloading, parking, and possibly for temporary storage of material (e.g., rock, soil) prior to it being hauled off site. It is anticipated that these areas will be available for approximately 8 months. The areas will be graveled during construction use; the gravel will be removed following usage and the areas will be reseeded.

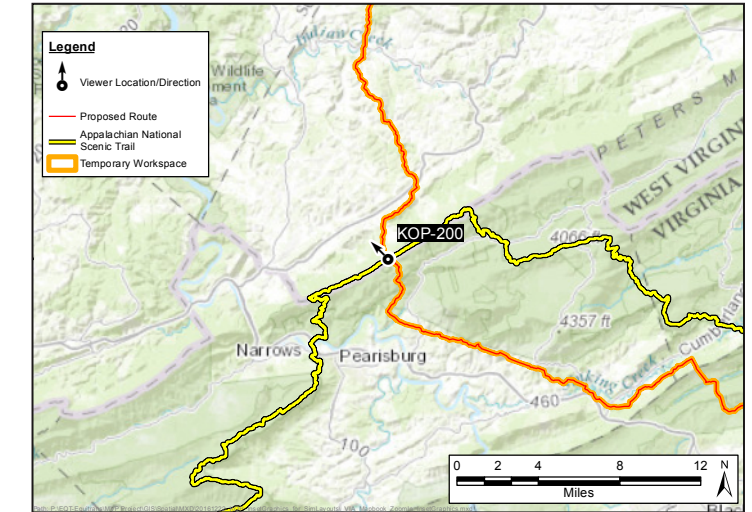
The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.



Mountain Valley Pipeline Project

Photographic Simulation from Pocahontas Road KOP 243





Photograph Information

Time of photograph: 8:51 AM
 Date of photograph: 3.23.2017
 Weather condition: Sunny
 Viewing direction: Northwest
 Latitude: 37° 24' 9.69" N
 Longitude: 80° 41' 24.19" W
 Photo Location: Photo taken from the Appalachian National Scenic Trail where the proposed pipeline crosses Peters Mountain, approximately 5.5 miles north of the Town of Pearisburg, Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

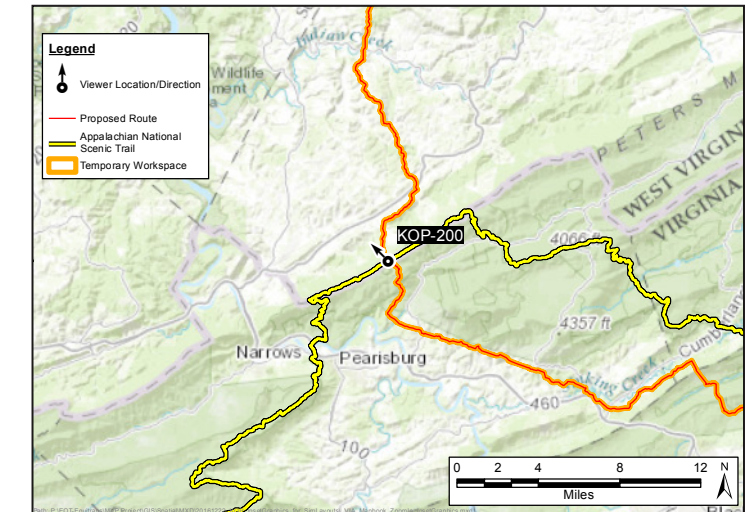


Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 200



Post Construction (Leaf-off conditions) - From KOP 200 looking northwest, the bore pit and pipeline would be located to the northwest of the trail below the visible horizon from this viewpoint. The white arrow indicates the direction in which the bore pit would be located, approximately 300 feet from this viewpoint and approximately 106 feet below the visible horizon.



Photograph Information

Time of photograph: 8:51 AM

Date of photograph: 3.23.2017

Weather condition: Sunny

Viewing direction: Northwest

Latitude: 37° 24' 9.69" N

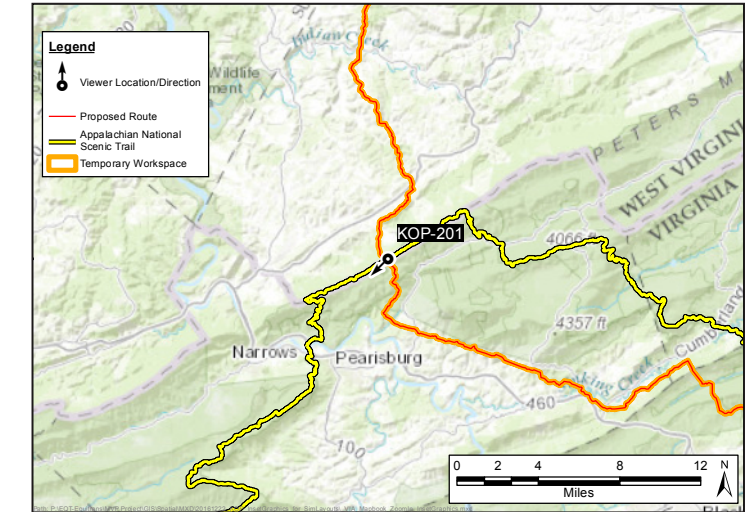
Longitude: 80° 41' 24.19" W

Photo Location: Photo taken from the Appalachian National Scenic Trail where the proposed pipeline crosses Peters Mountain, approximately 5.5 miles north of the Town of Pearisburg, Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 200



Photograph Information

Time of photograph: 9:03 AM

Date of photograph: 3.23.2017

Weather condition: Sunny

Viewing direction: Southwest

Latitude: 37° 24' 14.39" N

Longitude: 80° 41' 11.193" W

Photo Location: Photo taken from the Appalachian National Scenic Trail approximately 0.25 mile northeast of where the proposed pipeline crosses Peters Mountain, and approximately 5.5 miles north of the Town of Pearisburg, Virginia.



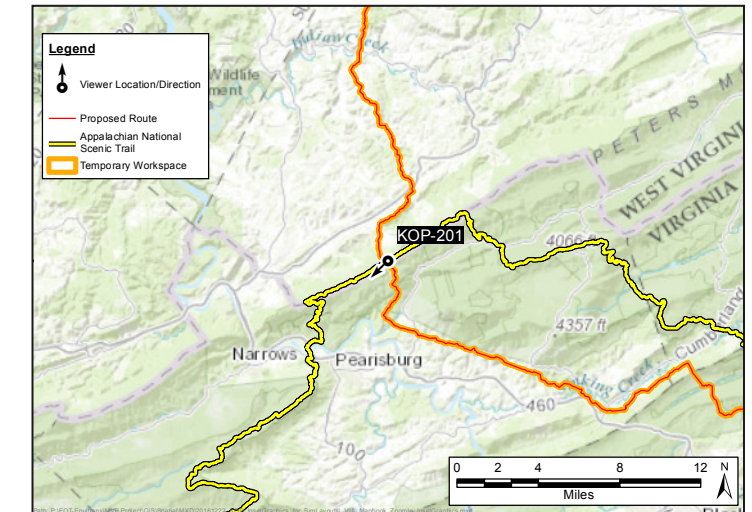
The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Existing Conditions from Key Observation Point 201



Post Construction (Leaf-off conditions) - From KOP 201 looking southwest the Project is not visible as the bore pit and pipeline would be screened by terrain and vegetation. The white arrow indicates the direction in which the bore pit and pipeline would be located, approximately 0.25 mile from this viewpoint.



Photograph Information

Time of photograph: 9:03 AM

Date of photograph: 3.23.2017

Weather condition: Sunny

Viewing direction: Southwest

Latitude: 37° 24' 14.39" N

Longitude: 80° 41' 11.193" W

Photo Location: Photo taken from the Appalachian National Scenic Trail approximately 0.25 mile northeast of where the proposed pipeline crosses Peters Mountain, and approximately 5.5 miles north of the Town of Pearisburg, Virginia.

The top photo is intended to simulate what a person with normal vision (no binoculars or camera zoom) would see in that location. The photograph is intended to be viewed at 10 inches from the viewer's eyes when printed on 11x17-inch paper. In the bottom image, the area in yellow depicts the location of the top photo. The bottom image was created by stitching together multiple photos to make a panoramic image.

Mountain Valley Pipeline Project

Photographic Simulation from Key Observation Point 201



Photo Point 701

Photo taken from Craig Creek Road approximately 4.8 miles northeast of Highway 460, looking southwest towards the pipeline ROW. The photo illustrates the approximate location of the 125-foot temporary construction ROW (shown in green). The red arrow indicates where the pipeline ROW would cross a ridge.



Photo Point 714

Photo taken from Craig Creek Road approximately 2.4 miles northeast of Highway 460, looking northeast towards the pipeline ROW. The photo illustrates the approximate location of the 125-foot temporary construction ROW (shown in blue). The red arrow indicates where the pipeline ROW would cross a ridge.



Photo Point 720

Photo taken from the intersection of Rich Creek Valley Road and Route 219/Koontz Road, looking southeast towards the pipeline ROW. The photo illustrates the approximate location of the 125-foot temporary construction ROW (shown in blue). The pipeline ROW crosses Peters Mountain approximately 2.2 miles from this viewpoint.

APPENDIX S-1

Visual Simulations

Mountain Valley Project

Blue Ridge Parkway

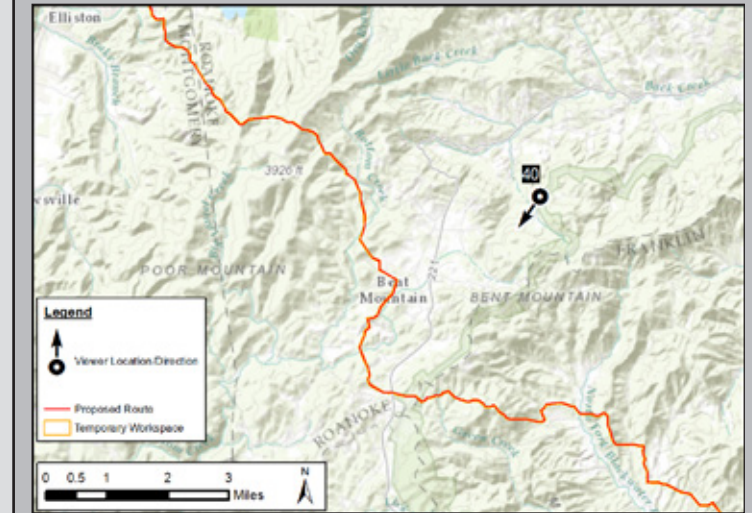
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Existing Condition



Post Construction - From Vista 260 (KOP 40), the project would be visible crossing over a distant hill and would not be readily apparent to the casual observer.



Photograph Information

Time of photograph: 9:27 AM

Date of photograph: 12.1.2016

Weather condition: Mostly Sunny

Viewing direction: Southwest

Latitude: 37°10'28.41"N

Longitude: 80°5'10.12"W

Photo Location: Blue Ridge Parkway in Virginia. Photo taken from Vista 260.

Mountain Valley Pipeline Project

Vista 260 (KOP 40)

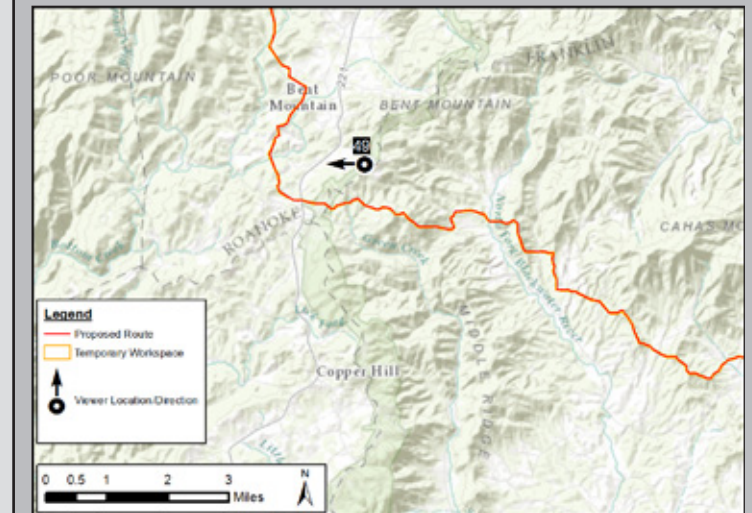




Existing Condition



Post Construction - From Vista 269/Poor Mountain Overlook (KOP 49), the project would be visible crossing over distant hills and would be seen in the context of other linear utility corridors.



Photograph Information

Time of photograph: 11:00 AM

Date of photograph: 8.9.2015

Weather condition: Mostly Sunny

Viewing direction: West

Latitude: 37°8'12.37"N

Longitude: 80°6'42.54"W

Photo Location: Blue Ridge Parkway in Virginia. Photo taken from the Poor Mountain overlook.

Mountain Valley Pipeline Project

Vista 269 (KOP 49)

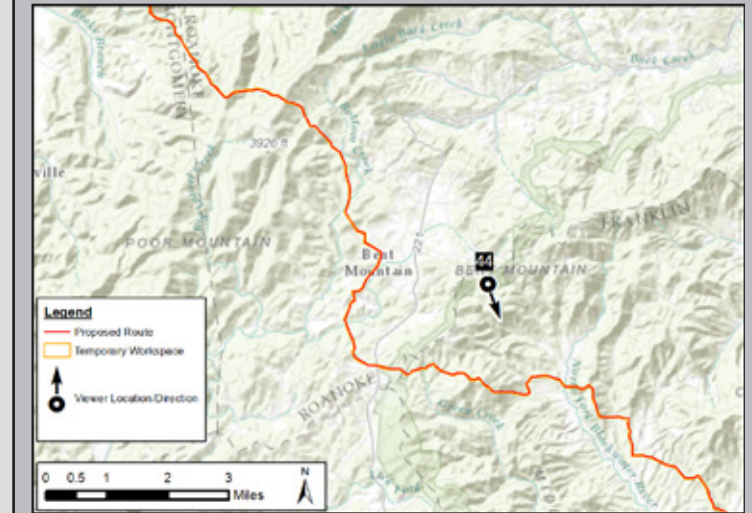




Existing Condition



Post Construction - From Vista 264/Bull Run Knob Overlook (KOP 44), the project would be visible crossing over hills in the middleground and background.



Photograph Information

Time of photograph: 9:41 AM
 Date of photograph: 12.1.2016
 Weather condition: Mostly Sunny/Hazy
 Viewing direction: Southeast
 Latitude: 37°8'51.28"N
 Longitude: 80°5'51.69"W
 Photo Location: Blue Ridge Parkway in Virginia. Photo taken from the Bull Run Knob overlook.

Mountain Valley Pipeline Project

Vista 264 (KOP 44)

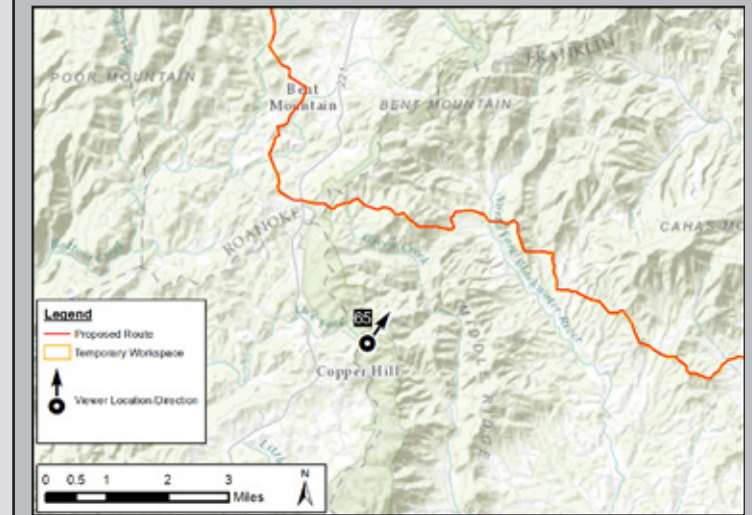




Existing Condition



Post Construction - From Vista 276/Cahas Mountain Overlook (KOP 65), the project would be visible crossing over hills and would be seen in the context of other linear utility corridors.



Photograph Information

Time of photograph: 11:24 AM
 Date of photograph: 12.1.2016
 Weather condition: Mostly Sunny
 Viewing direction: Northeast
 Latitude: 37°5'51.28"N
 Longitude: 80°5'51.69"W
 Photo Location: Blue Ridge Parkway in Virginia. Photo taken from the Cahas Mountain overlook.

Mountain Valley Pipeline Project

Vista 276 (KOP 65)

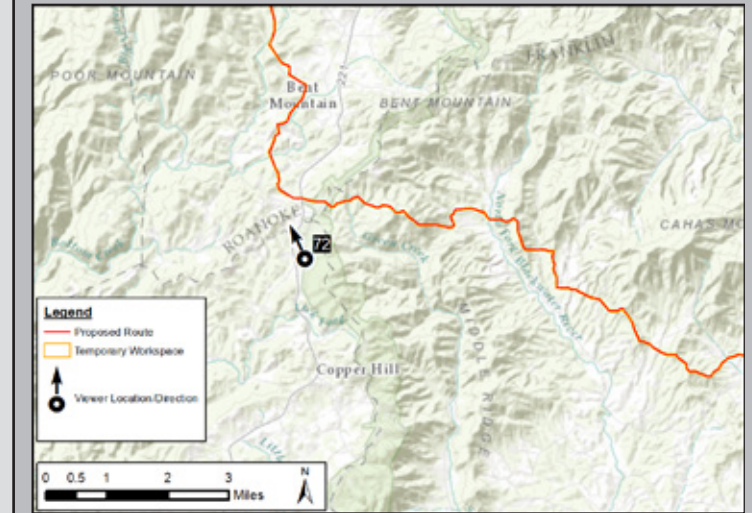




Existing Condition



Post Construction - From Vista 272 (KOP 65), the project would not be visible from this location.



Photograph Information

Time of photograph: 1:30 PM

Date of photograph: 12.1.2016

Weather condition: Sunny

Viewing direction: Northeast

Latitude: 37°6'50.16"N

Longitude: 80°7'46.65"W

Photo Location: Blue Ridge Parkway in Virginia. Photo taken from Vista 272.

Mountain Valley Pipeline Project

Vista 272 (KOP 72)

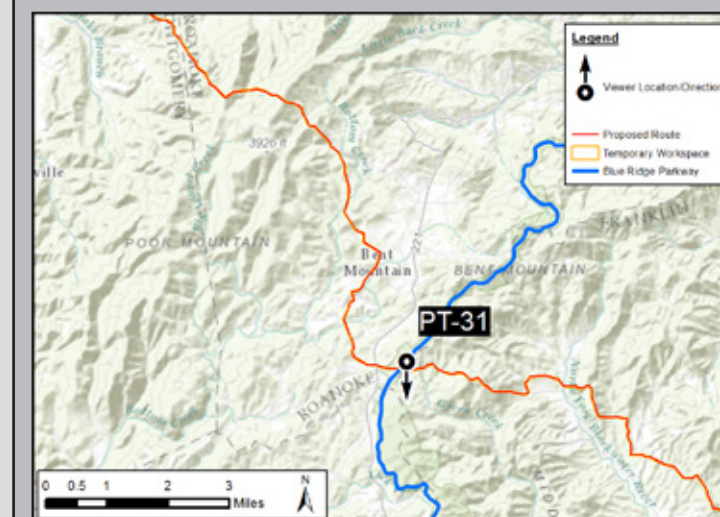




Existing Condition



Post Construction - For southbound travelers (PT-31), the project would be visible in the distance crossing the open field as well as some tree thinning along the southern side of the parkway. The red arrows indicate where the proposed pipeline would be visible adjacent to the parkway.



Photograph Information

Time of photograph: 1:44 PM
 Date of photograph: 12.21.2016
 Weather condition: Mostly Sunny
 Viewing direction: Southwest
 Latitude: 37°7'45.47"N
 Longitude: 80°7'17.60"W
 Photo Location: Blue Ridge Parkway in Virginia.
 Photo taken from, approximately 0.4 mile northeast of Callaway Road.

Mountain Valley Pipeline Project

KOP PT-31

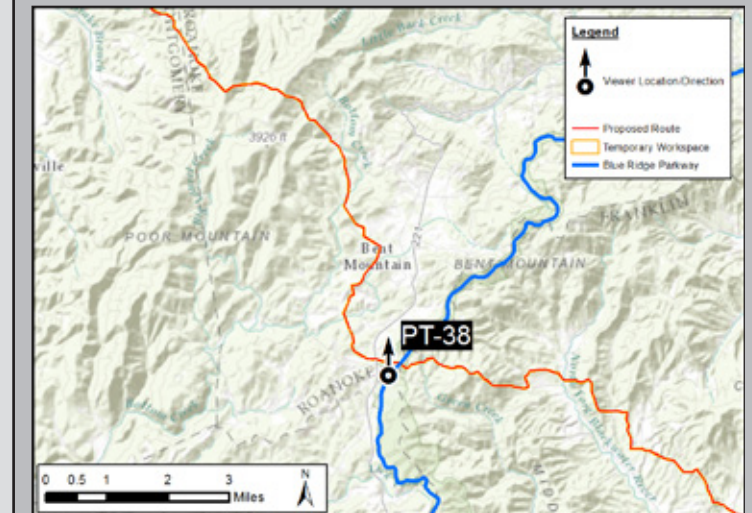




Existing Condition



Post Construction - From PT-38, a short segment of the project would be visible crossing the open field. The red arrow indicates where the proposed pipeline would be visible adjacent to the parkway on the west. The proposed pipeline ROW east of the parkway would be screened from this location.



Photograph Information

Time of photograph: 2:18 PM
 Date of photograph: 12.21.2016
 Weather condition: Mostly Sunny
 Viewing direction: North-Northeast
 Latitude: 37°7'28.09"N
 Longitude: 80°7'36.60"W
 Photo Location: Blue Ridge Parkway in Virginia. Photo taken from Adney Gap, located approximately 200 feet south of Callaway Road.

Mountain Valley Pipeline Project

KOP PT-38



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