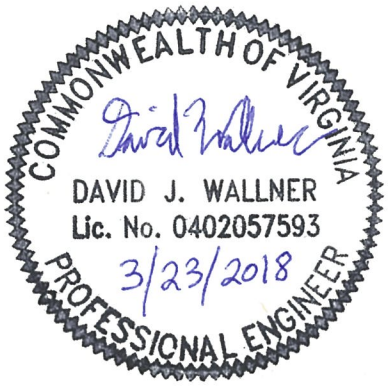
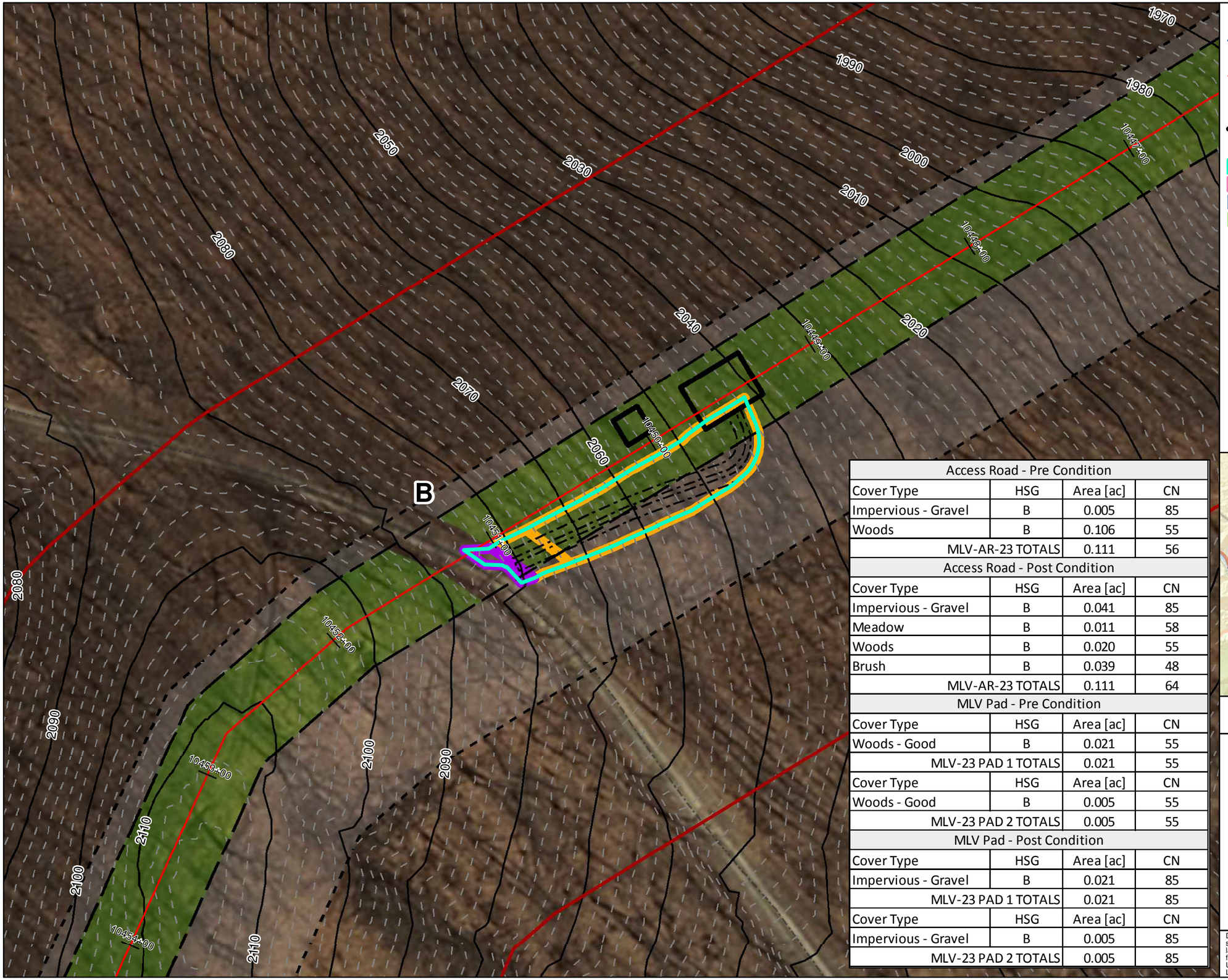
By virtue of this seal and signature, all supporting documents included in this package are accurate and support the design presented herein.





Legend

- Streams
- Stationing
- Alignment Centerline
- Permanent Easement
- Limit of Disturbance
- MLV Pad
- New Access Road
- Access Road Drainage Area
- 100-year Floodplain
- Pond
- Wetland
- Hydrologic Soil Groups
- 100 ft Buffer off of Limits of Disturbance
- Agricultural
- Barren
- Brush
- Meadow
- Agricultural
- Forest
- Existing Impervious
- Meadow
- State Road Centerline
- 10-foot Contour
- 2-foot Contour

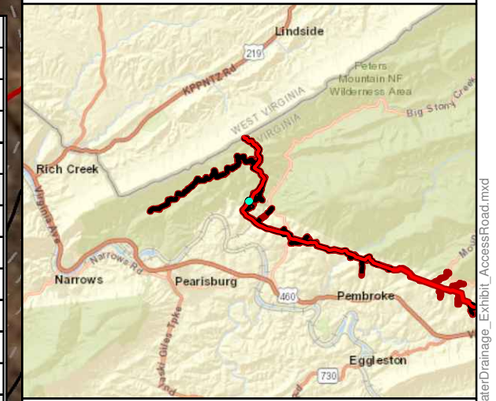
NAD 1983 UTM 17N (feet)

1 in = 50 feet

N W E S

50 25 0 50 Feet

Access Road - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.005	85
Woods	B	0.106	55
MLV-AR-23 TOTALS		0.111	56
Access Road - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.041	85
Meadow	B	0.011	58
Woods	B	0.020	55
Brush	B	0.039	48
MLV-AR-23 TOTALS		0.111	64
MLV Pad - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Woods - Good	B	0.021	55
MLV-23 PAD 1 TOTALS		0.021	55
Cover Type	HSG	Area [ac]	CN
Woods - Good	B	0.005	55
MLV-23 PAD 2 TOTALS		0.005	55
MLV Pad - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.021	85
MLV-23 PAD 1 TOTALS		0.021	85
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.005	85
MLV-23 PAD 2 TOTALS		0.005	85



Mountain Valley Pipeline Project

Mountain Valley PIPELINE

New Impervious Cover Stormwater Drainage Exhibits MLV-23 Spread 8

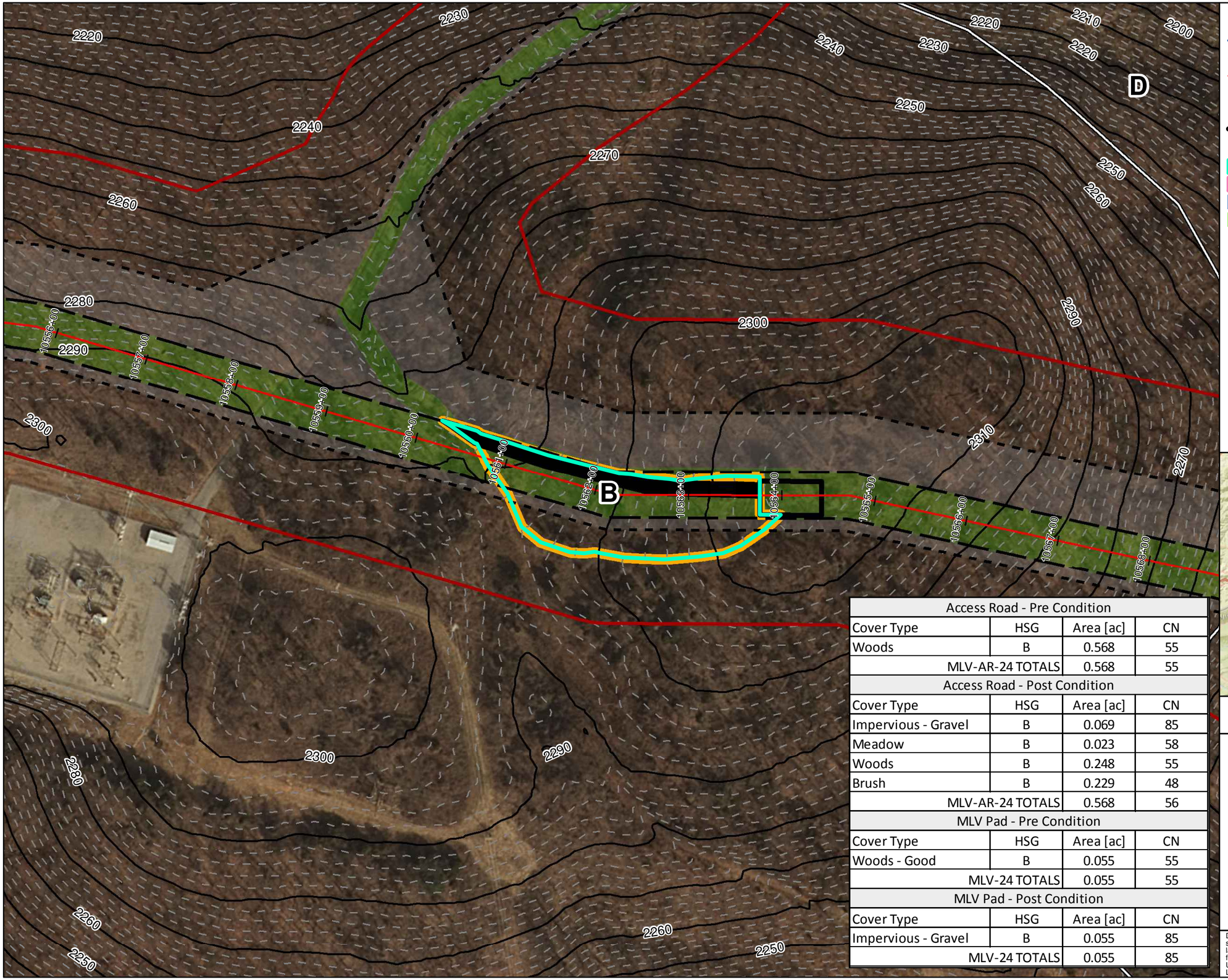
Figure 001

Giles County, Virginia

March, 2018

Data Sources: Imagery from ESRI Streaming Data 2014, Delineated streams surveyed by Tetra Tech Inc. 2014 to 2017, Transportation data from VITA map layer 2016, Elevation data derived from LiDAR provided by EQT 2016, Soils from NRCS Gridded Soil Survey Geographic (SSURGO) database 2014, Land Use digitized from ESRI World Imagery 2015, Agricultural Area from National Land Cover Dataset 2011.

Document Path: P:\GIS\EQT_MVP\Mapdocs\Drainage\MXD\MVP_StormwaterDrainage_Exhibit_AccessRoad.mxd



Legend

- Streams
- Stationing
- Alignment Centerline
- Permanent Easement
- Limit of Disturbance
- MLV Pad
- New Access Road
- Access Road Drainage Area
- 100-year Floodplain
- Pond
- Wetland
- Hydrologic Soil Groups
- 100 ft Buffer off of Limits of Disturbance
- Agricultural
- Barren
- Brush
- Meadow
- Agricultural
- Forest
- Existing Impervious
- Meadow
- State Road Centerline
- 10-foot Contour
- 2-foot Contour

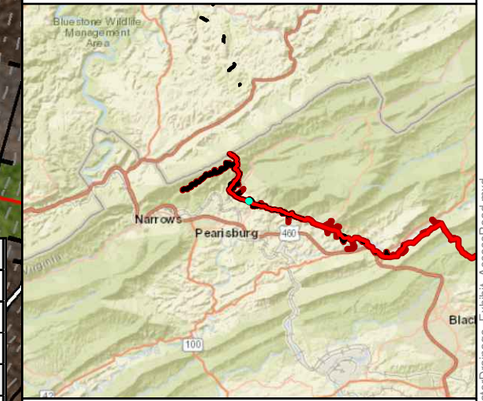
NAD 1983 UTM 17N (feet)

N W E S

1 in = 100 feet

50 25 0 50 Feet

Access Road - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Woods	B	0.568	55
MLV-AR-24 TOTALS		0.568	55
Access Road - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.069	85
Meadow	B	0.023	58
Woods	B	0.248	55
Brush	B	0.229	48
MLV-AR-24 TOTALS		0.568	56
MLV Pad - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Woods - Good	B	0.055	55
MLV-24 TOTALS		0.055	55
MLV Pad - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.055	85
MLV-24 TOTALS		0.055	85



Mountain Valley Pipeline Project

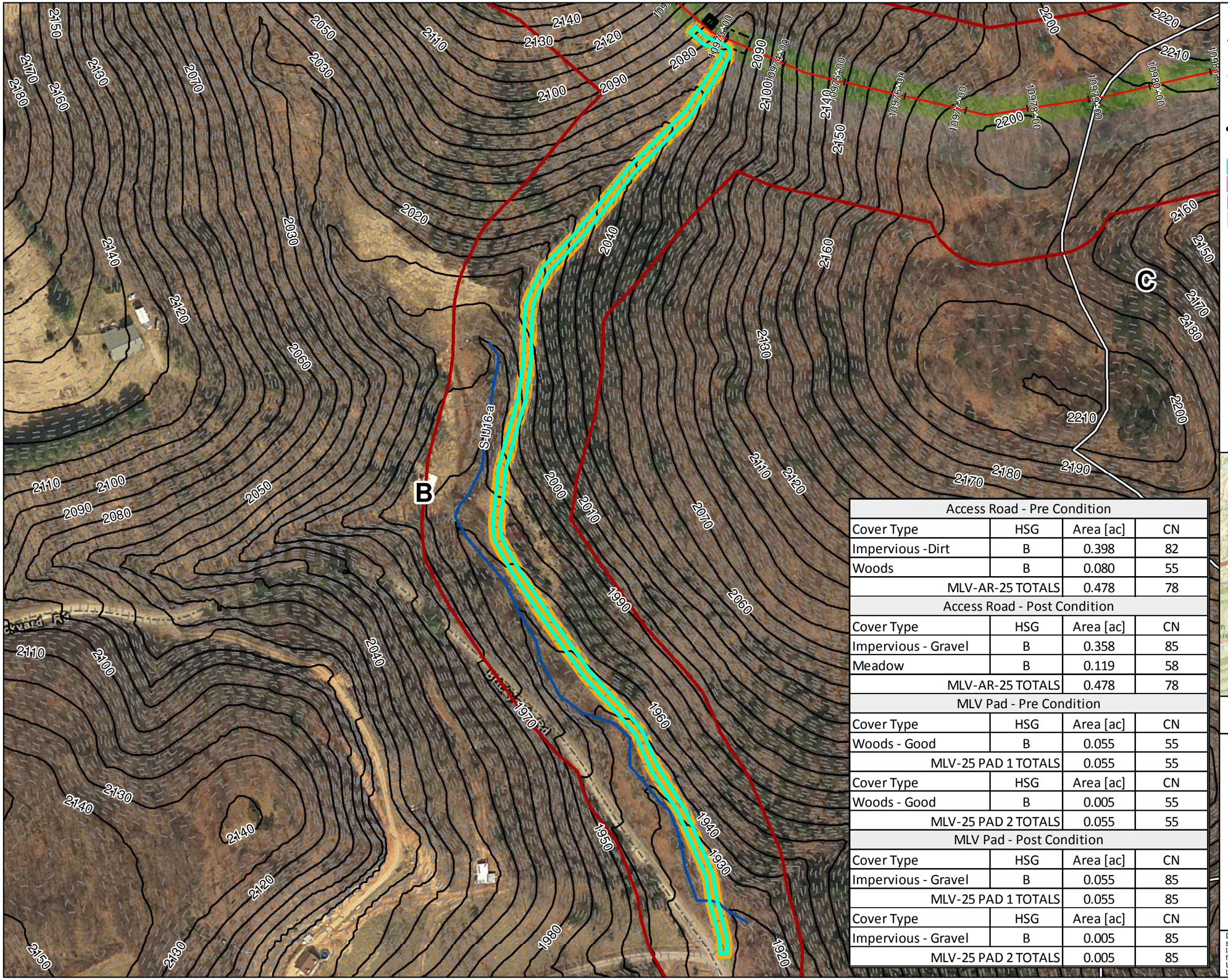
Mountain Valley PIPELINE

New Impervious Cover Stormwater Drainage Exhibits
MLV-24
Spread 8

Figure 002
Giles County, Virginia
March, 2018

Data Sources: Imagery from ESRI Streaming Data 2014, Delineated streams surveyed by Tetra Tech Inc. 2014 to 2017, Transportation data from VITA map layer 2016, Elevation data derived from LiDAR provided by EQT 2016, Soils from NRCS Gridded Soil Survey Geographic (SSURGO) database 2014, Land Use digitized from ESRI World Imagery 2015, Agricultural Area from National Land Cover Dataset 2011.

Document Path: P:\GIS\EQT_MVP\Mapdocs\Drainage\MXD\MVP_StormwaterDrainage_Exhibit_AccessRoad.mxd



Legend

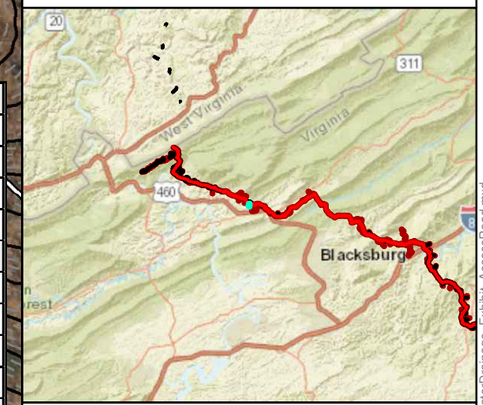
- Streams
- Stationing
- Alignment Centerline
- Permanent Easement
- Limit of Disturbance
- MLV Pad
- New Access Road
- Access Road Drainage Area
- 100-year Floodplain
- Pond
- Wetland
- Hydrologic Soil Groups
- 100 ft Buffer off of Limits of Disturbance
- Agricultural
- Barren
- Brush
- Meadow
- Agricultural
- Forest
- Existing Impervious
- Meadow
- State Road Centerline
- 10-foot Contour
- 2-foot Contour

NAD 1983 UTM 17N (feet)

1 in = 150 feet

50 25 0 50 Feet

Access Road - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Impervious -Dirt	B	0.398	82
Woods	B	0.080	55
MLV-AR-25 TOTALS		0.478	78
Access Road - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.358	85
Meadow	B	0.119	58
MLV-AR-25 TOTALS		0.478	78
MLV Pad - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Woods - Good	B	0.055	55
MLV-25 PAD 1 TOTALS		0.055	55
Cover Type	HSG	Area [ac]	CN
Woods - Good	B	0.005	55
MLV-25 PAD 2 TOTALS		0.055	55
MLV Pad - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.055	85
MLV-25 PAD 1 TOTALS		0.055	85
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.005	85
MLV-25 PAD 2 TOTALS		0.005	85



Mountain Valley Pipeline Project

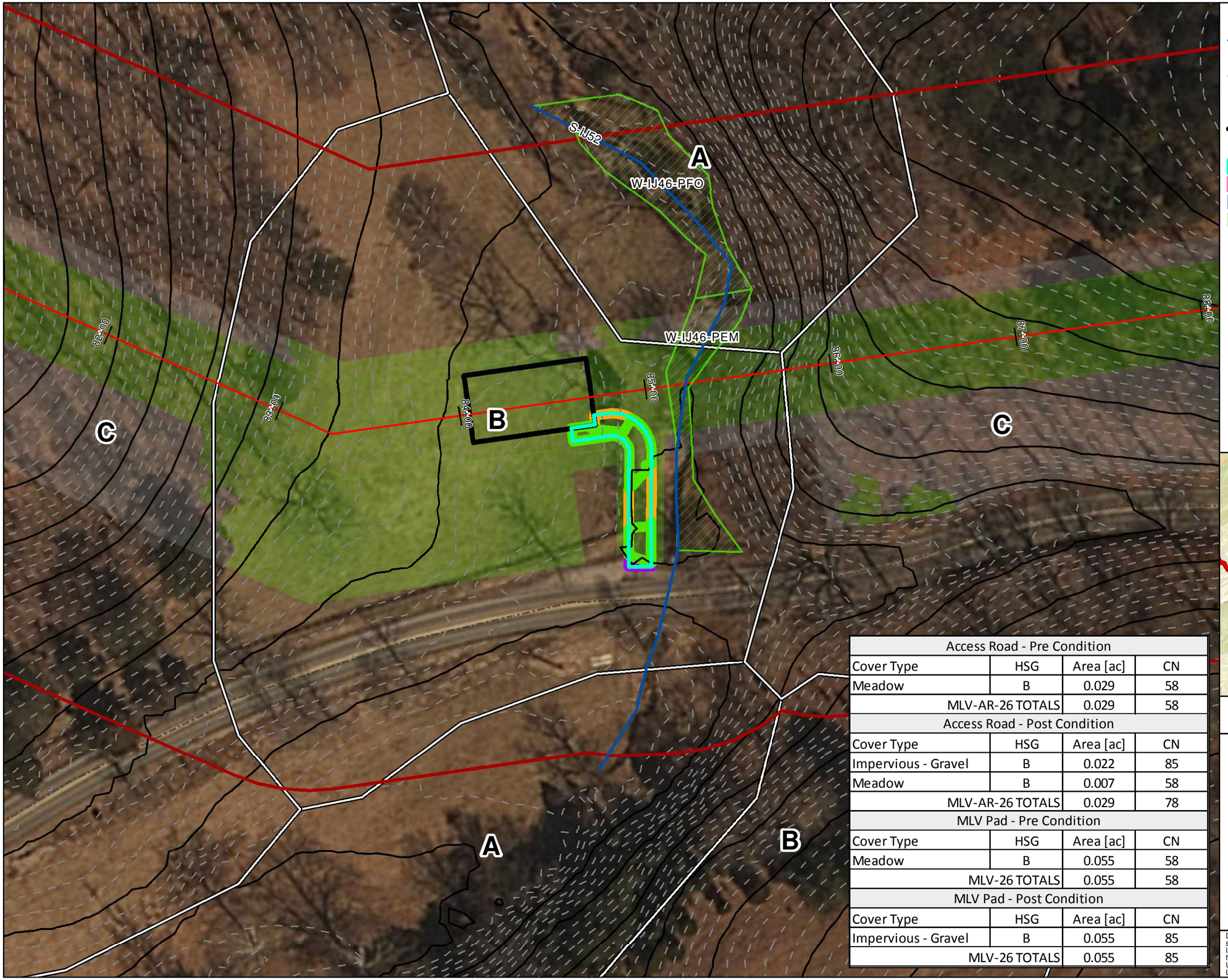
Mountain Valley PIPELINE

New Impervious Cover Stormwater Drainage Exhibits
MLV-25
Spread 9

Figure 003
Giles County, Virginia
March, 2018

Data Sources: Imagery from ESRI Streaming Data 2014, Delineated streams surveyed by Tetra Tech Inc. 2014 to 2017, Transportation data from VITA map layer 2016, Elevation data derived from LiDAR provided by EQT 2016, Soils from NRCS Gridded Soil Survey Geographic (SSURGO) database 2014, Land Use digitized from ESRI World Imagery 2015, Agricultural Area from National Land Cover Dataset 2011.

Document Path: P:\GIS\EQT_MVP\Mapdocs\Drainage\MXD\MVP_StormwaterDrainage_Exhibit_AccessRoad.mxd



Legend

- Streams
- Stationing
- Alignment Centerline
- Permanent Easement
- Limit of Disturbance
- MLV Pad
- New Access Road
- Access Road Drainage Area
- 100-year Floodplain
- Pond
- Wetland
- Hydrologic Soil Groups
- 100 ft Buffer off of Limits of Disturbance
- Agricultural
- Barren
- Brush
- Meadow
- Agricultural
- Forest
- Existing Impervious
- Meadow
- State Road Centerline
- 10-foot Contour
- 2-foot Contour

NAD 1983 UTM 17N (feet)

1 in = 50 feet

50 25 0 50 Feet

N W E S

Access Road - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Meadow	B	0.029	58
MLV-AR-26 TOTALS		0.029	58
Access Road - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.022	85
Meadow	B	0.007	58
MLV-AR-26 TOTALS		0.029	78
MLV Pad - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Meadow	B	0.055	58
MLV-26 TOTALS		0.055	58
MLV Pad - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.055	85
MLV-26 TOTALS		0.055	85

Mountain Valley Pipeline Project

Mountain Valley PIPELINE

New Impervious Cover Stormwater Drainage Exhibits MLV-26 Spread 9

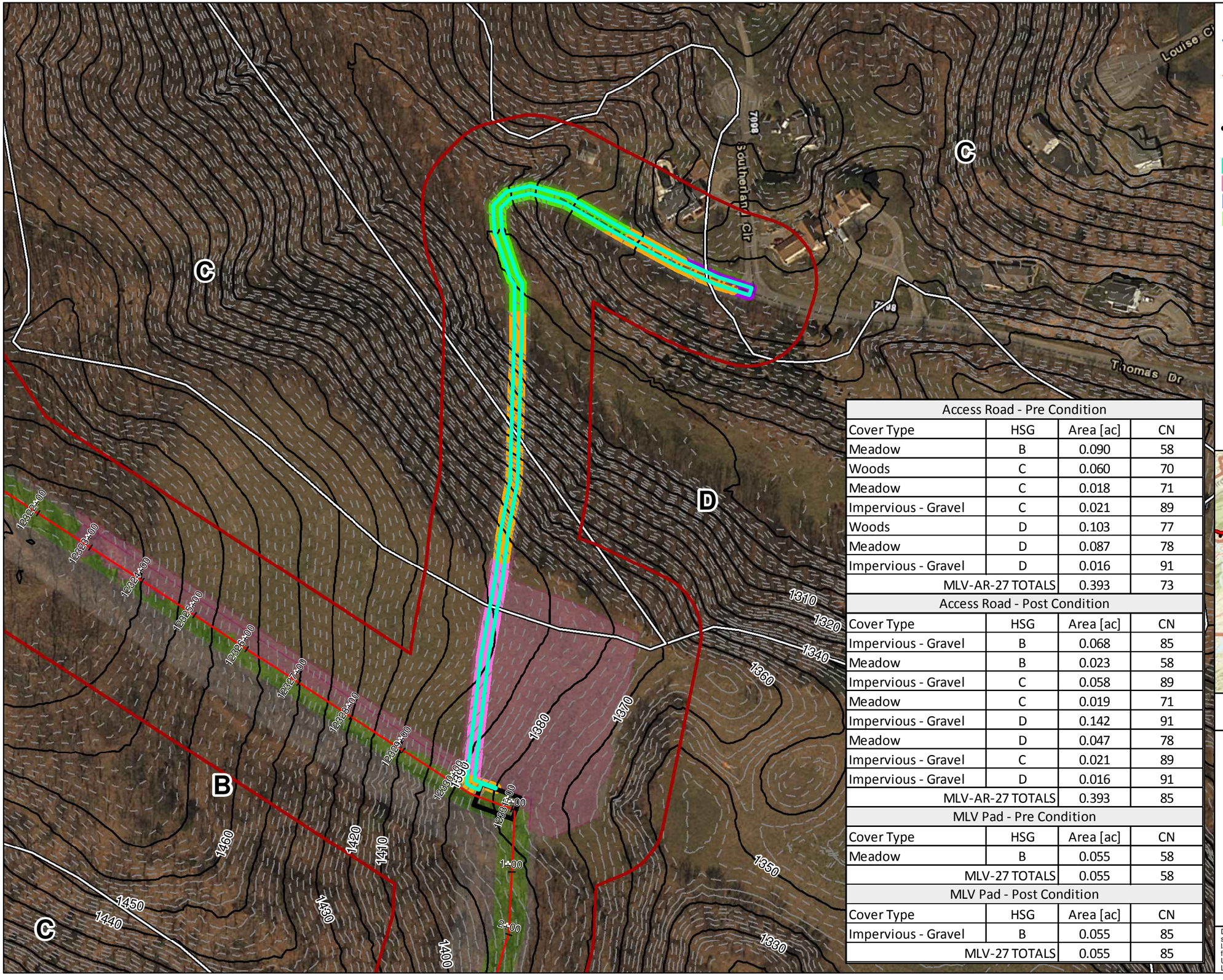
Figure 004

Montgomery County, Virginia

March, 2018

Data Sources: Imagery from ESRI Streaming Data 2014, Delineated streams surveyed by Tetra Tech Inc. 2014 to 2017, Transportation data from VITA map layer 2016, Elevation data derived from LiDAR provided by EQT 2016, Soils from NRCS Gridded Soil Survey Geographic (SSURGO) database 2014, Land Use digitized from ESRI World Imagery 2015, Agricultural Area from National Land Cover Dataset 2011.

Document Path: P:\GIS\EQT_MVP\Mapdocs\Drainage\MXD\MVP_StormwaterDrainage_Exhibit_AccessRoad.mxd



Legend

- Streams
- Stationing
- Alignment Centerline
- Permanent Easement
- Limit of Disturbance
- MLV Pad
- New Access Road
- Access Road Drainage Area
- 100-year Floodplain
- Pond
- Wetland
- Hydrologic Soil Groups
- 100 ft Buffer off of Limits of Disturbance
- Agricultural
- Barren
- Brush
- Meadow
- Agricultural
- Forest
- Existing Impervious
- Meadow
- State Road Centerline
- 10-foot Contour
- 2-foot Contour
- 10-foot Contour
- 2-foot Contour

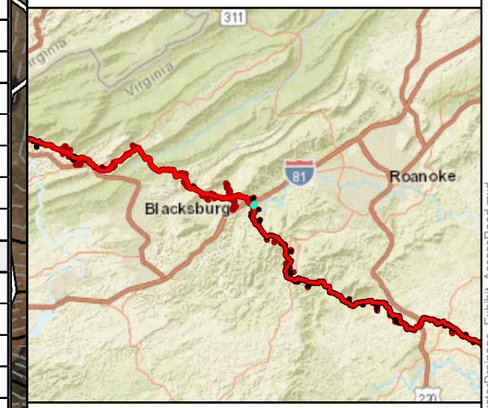
NAD 1983 UTM 17N (feet)

N
W E
S

1 in = 150 feet

50 25 0 50
Feet

Access Road - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Meadow	B	0.090	58
Woods	C	0.060	70
Meadow	C	0.018	71
Impervious - Gravel	C	0.021	89
Woods	D	0.103	77
Meadow	D	0.087	78
Impervious - Gravel	D	0.016	91
MLV-AR-27 TOTALS		0.393	73
Access Road - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.068	85
Meadow	B	0.023	58
Impervious - Gravel	C	0.058	89
Meadow	C	0.019	71
Impervious - Gravel	D	0.142	91
Meadow	D	0.047	78
Impervious - Gravel	C	0.021	89
Impervious - Gravel	D	0.016	91
MLV-AR-27 TOTALS		0.393	85
MLV Pad - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Meadow	B	0.055	58
MLV-27 TOTALS		0.055	58
MLV Pad - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.055	85
MLV-27 TOTALS		0.055	85



Mountain Valley Pipeline Project

Mountain Valley PIPELINE

New Impervious Cover Stormwater Drainage Exhibits MLV-27 Spread 9

Figure 005

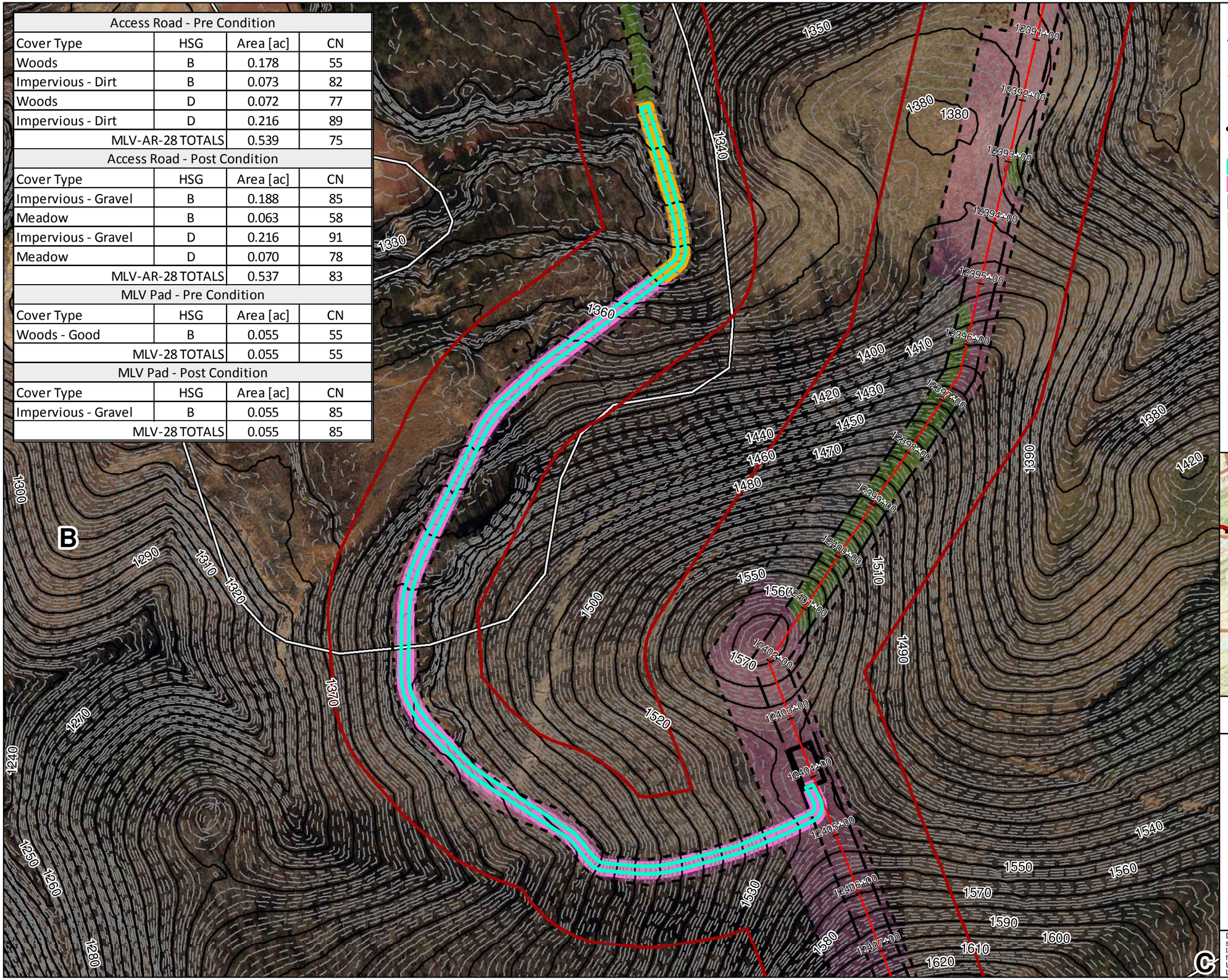
Roanoke County, Virginia

March, 2018

Data Sources: Imagery from ESRI Streaming Data 2014, Delineated streams surveyed by Tetra Tech Inc. 2014 to 2017, Transportation data from VITA map layer 2016, Elevation data derived from LiDAR provided by EQT 2016, Soils from NRCS Gridded Soil Survey Geographic (SSURGO) database 2014, Land Use digitized from ESRI World Imagery 2015, Agricultural Area from National Land Cover Dataset 2011.

Document Path: PGH P:\GIS\EQT_MVP\Mapdocs\Drainage\MXD\MVP_StormwaterDrainage_Exhibit_AccessRoad.mxd

Access Road - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Woods	B	0.178	55
Impervious - Dirt	B	0.073	82
Woods	D	0.072	77
Impervious - Dirt	D	0.216	89
MLV-AR-28 TOTALS		0.539	75
Access Road - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.188	85
Meadow	B	0.063	58
Impervious - Gravel	D	0.216	91
Meadow	D	0.070	78
MLV-AR-28 TOTALS		0.537	83
MLV Pad - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Woods - Good	B	0.055	55
MLV-28 TOTALS		0.055	55
MLV Pad - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.055	85
MLV-28 TOTALS		0.055	85



Legend

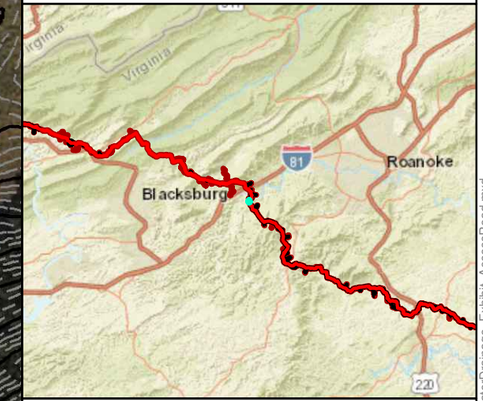
- Streams
- Stationing
- Alignment Centerline
- Permanent Easement
- Limit of Disturbance
- MLV Pad
- New Access Road
- Access Road Drainage Area
- 100-year Floodplain
- Pond
- Wetland
- Hydrologic Soil Groups
- 100 ft Buffer off of Limits of Disturbance
- Agricultural
- Barren
- Brush
- Meadow
- Agricultural
- Forest
- Existing Impervious
- Meadow
- State Road Centerline
- 10-foot Contour
- 2-foot Contour
- 10-foot Contour
- 2-foot Contour

NAD 1983 UTM 17N (feet)

N W E S

1 in = 150 feet

50 25 0 50 Feet



Mountain Valley Pipeline Project

Mountain Valley PIPELINE

New Impervious Cover Stormwater Drainage Exhibits MLV-28 Spread 10

Figure 006

Montgomery County, Virginia

March, 2018

Data Sources: Imagery from ESRI Streaming Data 2014, Delineated streams surveyed by Tetra Tech Inc. 2014 to 2017, Transportation data from VITA map layer 2016, Elevation data derived from LiDAR provided by EQT 2016, Soils from NRCS Gridded Soil Survey Geographic (SSURGO) database 2014, Land Use digitized from ESRI World Imagery 2015, Agricultural Area from National Land Cover Dataset 2011.

Document Path: P:\GIS\EQT_MVP\Mapdocs\Drainage\MXD\MVP_StormwaterDrainage_Exhibit_AccessRoad.mxd

Access Road - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Woods	B	0.007	55
MLV-AR-29 TOTALS		0.007	55
Access Road - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.005	85
Meadow	B	0.002	58
MLV-AR-29 TOTALS		0.007	78
MLV Pad - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Woods - Good	B	0.055	55
MLV-29 TOTALS		0.055	55
MLV Pad - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.055	85
MLV-29 TOTALS		0.055	85

Legend

- Streams
- Stationing
- Alignment Centerline
- Permanent Easement
- Limit of Disturbance
- MLV Pad
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- 100-year Floodplain
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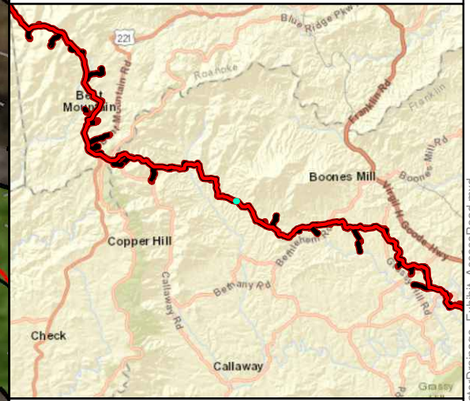
- Agricultural
- Barren
- Brush
- Meadow
- Agricultural
- Forest
- Existing Impervious
- Meadow
- State Road Centerline
- 10-foot Contour
- 2-foot Contour

NAD 1983 UTM 17N (feet)

1 in = 50 feet

50 25 0 50 Feet



Mountain Valley Pipeline Project

Mountain Valley PIPELINE

New Impervious Cover Stormwater Drainage Exhibits MLV-29 Spread 10

Figure 007

Franklin County, Virginia

March, 2018

Data Sources: Imagery from ESRI Streaming Data 2014, Delineated streams surveyed by Tetra Tech Inc. 2014 to 2017, Transportation data from VITA map layer 2016, Elevation data derived from LiDAR provided by EQT 2016, Soils from NRCS Gridded Soil Survey Geographic (SSURGO) database 2014, Land Use digitized from ESRI World Imagery 2015, Agricultural Area from National Land Cover Dataset 2011.

Document Path: P:\GIS\EQT_MVP\Mapdocs\Drainage\MXD\MVP_StormwaterDrainage_Exhibit_AccessRoad.mxd

Legend

- Streams
- Stationing
- Alignment Centerline
- Permanent Easement
- Limit of Disturbance
- MLV Pad
- New Access Road
- Access Road Drainage Area
- 100-year Floodplain
- Pond
- Wetland
- Hydrologic Soil Groups
- 100 ft Buffer off of Limits of Disturbance
- Agricultural
- Barren
- Brush
- Meadow
- Agricultural
- Forest
- Existing Impervious
- Meadow
- State Road Centerline
- 10-foot Contour
- 2-foot Contour

NAD 1983 UTM 17N (feet)

1 in = 50 feet

50 25 0 50 Feet

N W E S

Access Road - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Meadow	B	0.020	58
MLV-AR-30 TOTALS		0.020	58
Access Road - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.015	85
Meadow	B	0.005	58
MLV-AR-30 TOTALS		0.020	78
MLV Pad - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Meadow	B	0.055	58
MLV-30 TOTALS		0.055	58
MLV Pad - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.055	85
MLV-30 TOTALS		0.055	85

Mountain Valley Pipeline Project

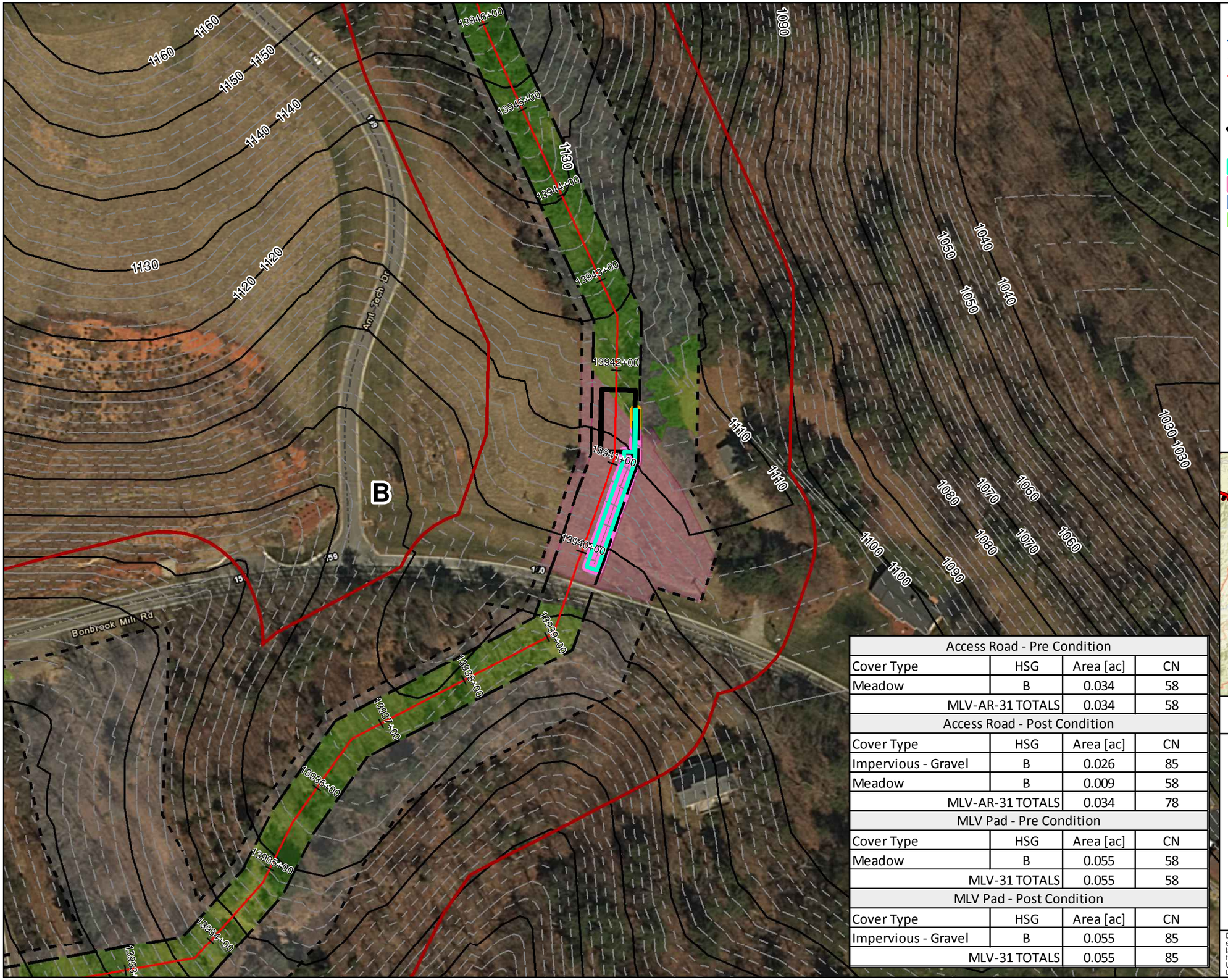
Mountain Valley PIPELINE

New Impervious Cover Stormwater Drainage Exhibits
MLV-30
Spread 10

Figure 008
Franklin County, Virginia
March, 2018

Data Sources: Imagery from ESRI Streaming Data 2014, Delineated streams surveyed by Tetra Tech Inc. 2014 to 2017, Transportation data from VITA map layer 2016, Elevation data derived from LiDAR provided by EQT 2016, Soils from NRCS Gridded Soil Survey Geographic (SSURGO) database 2014, Land Use digitized from ESRI World Imagery 2015, Agricultural Area from National Land Cover Dataset 2011.

Document Path: P:\GIS\EQT_MVP\Mapdocs\Drainage\MXD\MVP_StormwaterDrainage_Exhibit_AccessRoad.mxd



Legend

- Streams
- Stationing
- Alignment Centerline
- Permanent Easement
- Limit of Disturbance
- MLV Pad
- New Access Road
- Access Road Drainage Area
- 100-year Floodplain
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- 100 ft Buffer off of Limits of Disturbance
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- Brush
- Meadow
- Agricultural
- Forest
- Existing Impervious
- Meadow
- State Road Centerline
- 10-foot Contour
- 2-foot Contour
- 10-foot Contour
- 2-foot Contour

NAD 1983 UTM 17N (feet)

N W E S

1 in = 100 feet

50 25 0 50 Feet

Access Road - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Meadow	B	0.034	58
MLV-AR-31 TOTALS		0.034	58
Access Road - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.026	85
Meadow	B	0.009	58
MLV-AR-31 TOTALS		0.034	78
MLV Pad - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Meadow	B	0.055	58
MLV-31 TOTALS		0.055	58
MLV Pad - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.055	85
MLV-31 TOTALS		0.055	85

Mountain Valley Pipeline Project

Mountain Valley PIPELINE

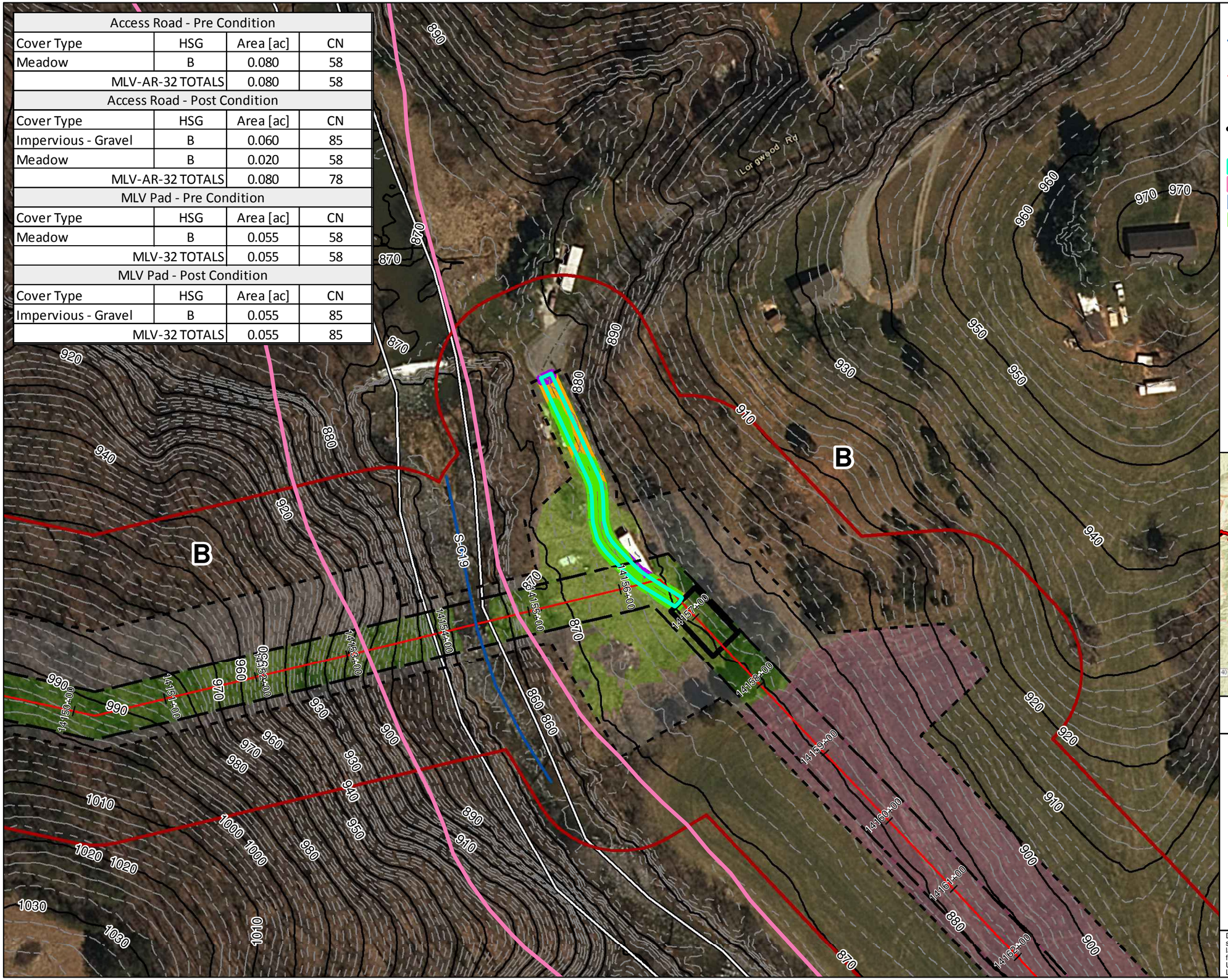
New Impervious Cover Stormwater Drainage Exhibits
MLV-31
Spread 11

Figure 009
Franklin County, Virginia
March, 2018

Data Sources: Imagery from ESRI Streaming Data 2014, Delineated streams surveyed by Tetra Tech Inc. 2014 to 2017, Transportation data from VITA map layer 2016, Elevation data derived from LiDAR provided by EQT 2016, Soils from NRCS Gridded Soil Survey Geographic (SSURGO) database 2014, Land Use digitized from ESRI World Imagery 2015, Agricultural Area from National Land Cover Dataset 2011.

Document Path: P:\GIS\EQT_MVP\Mapdocs\Drainage\MXD\MVP_StormwaterDrainage_Exhibit_AccessRoad.mxd

Access Road - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Meadow	B	0.080	58
MLV-AR-32 TOTALS		0.080	58
Access Road - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.060	85
Meadow	B	0.020	58
MLV-AR-32 TOTALS		0.080	78
MLV Pad - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Meadow	B	0.055	58
MLV-32 TOTALS		0.055	58
MLV Pad - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.055	85
MLV-32 TOTALS		0.055	85



Legend

- Streams
- Stationing
- Alignment Centerline
- Permanent Easement
- Limit of Disturbance
- MLV Pad
- New Access Road
- Access Road Drainage Area
- 100-year Floodplain
- Pond
- Wetland
- Hydrologic Soil Groups
- 100 ft Buffer off of Limits of Disturbance
- Agricultural
- Barren
- Brush
- Meadow
- Agricultural
- Forest
- Existing Impervious
- Meadow
- State Road Centerline
- 10-foot Contour
- 2-foot Contour

NAD 1983 UTM 17N (feet)

N W E S

1 in = 100 feet

50 25 0 50 Feet

Mountain Valley Pipeline Project

Mountain Valley PIPELINE

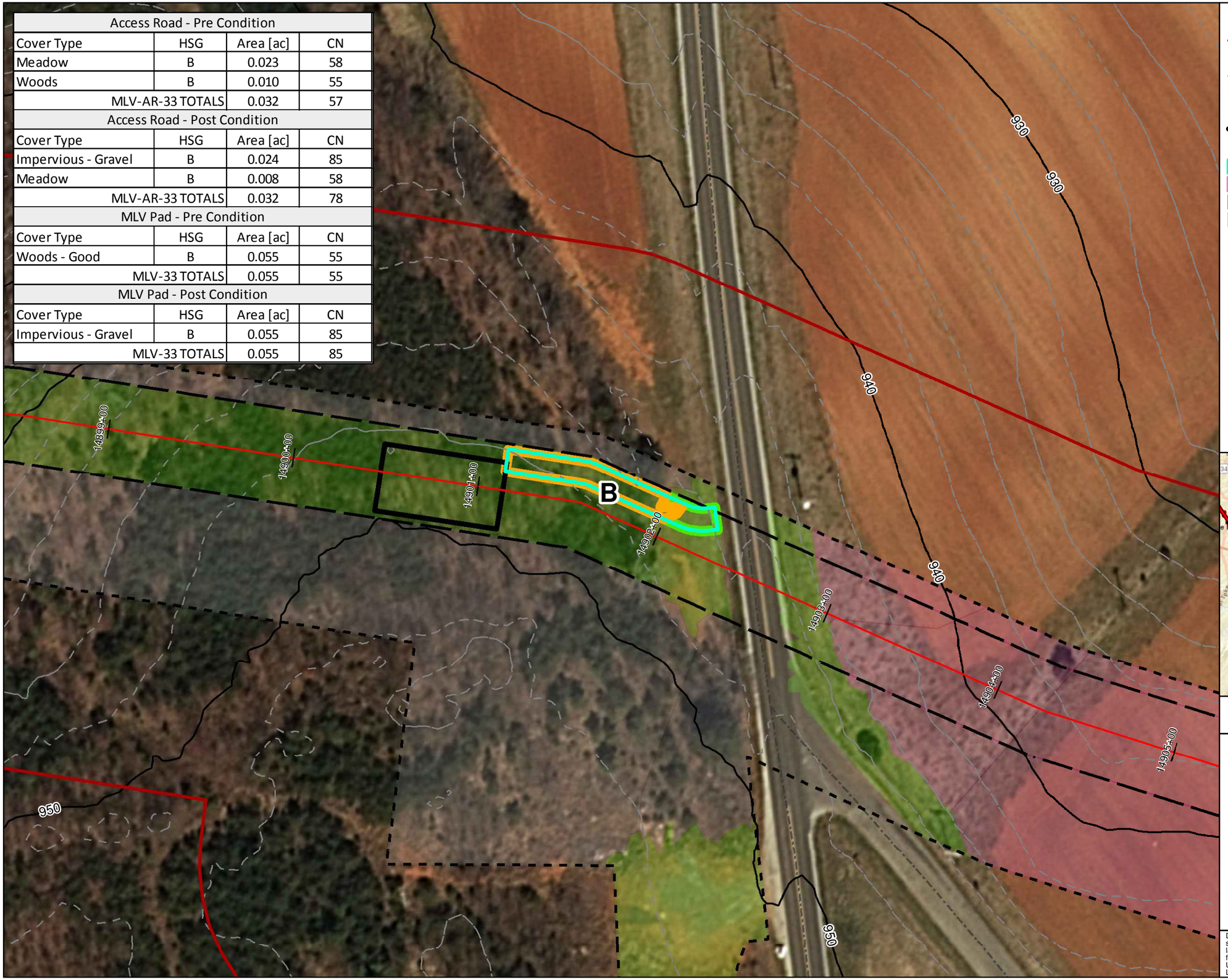
New Impervious Cover Stormwater Drainage Exhibits
MLV-32
Spread 11

Figure 010
Franklin County, Virginia
March, 2018

Data Sources: Imagery from ESRI Streaming Data 2014, Delineated streams surveyed by Tetra Tech Inc. 2014 to 2017, Transportation data from VITA map layer 2016, Elevation data derived from LiDAR provided by EQT 2016, Soils from NRCS Gridded Soil Survey Geographic (SSURGO) database 2014, Land Use digitized from ESRI World Imagery 2015, Agricultural Area from National Land Cover Dataset 2011.

Document Path: PGH P:\GIS\EQT_MVP\Mapdocs\Drainage\MXD\MVP_StormwaterDrainage_Exhibit_AccessRoad.mxd

Access Road - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Meadow	B	0.023	58
Woods	B	0.010	55
MLV-AR-33 TOTALS		0.032	57
Access Road - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.024	85
Meadow	B	0.008	58
MLV-AR-33 TOTALS		0.032	78
MLV Pad - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Woods - Good	B	0.055	55
MLV-33 TOTALS		0.055	55
MLV Pad - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.055	85
MLV-33 TOTALS		0.055	85



Legend

- Streams
- Stationing
- Alignment Centerline
- Permanent Easement
- Limit of Disturbance
- MLV Pad
- New Access Road
- Access Road Drainage Area
- 100-year Floodplain
- Pond
- Wetland
- Hydrologic Soil Groups
- 100 ft Buffer off of Limits of Disturbance
- Agricultural
- Barren
- Brush
- Meadow
- Agricultural
- Forest
- Existing Impervious
- Meadow
- State Road Centerline
- 10-foot Contour
- 2-foot Contour

NAD 1983 UTM 17N (feet)

1 in = 50 feet

50 25 0 50 Feet

N W E S

Mountain Valley Pipeline Project

Mountain Valley PIPELINE

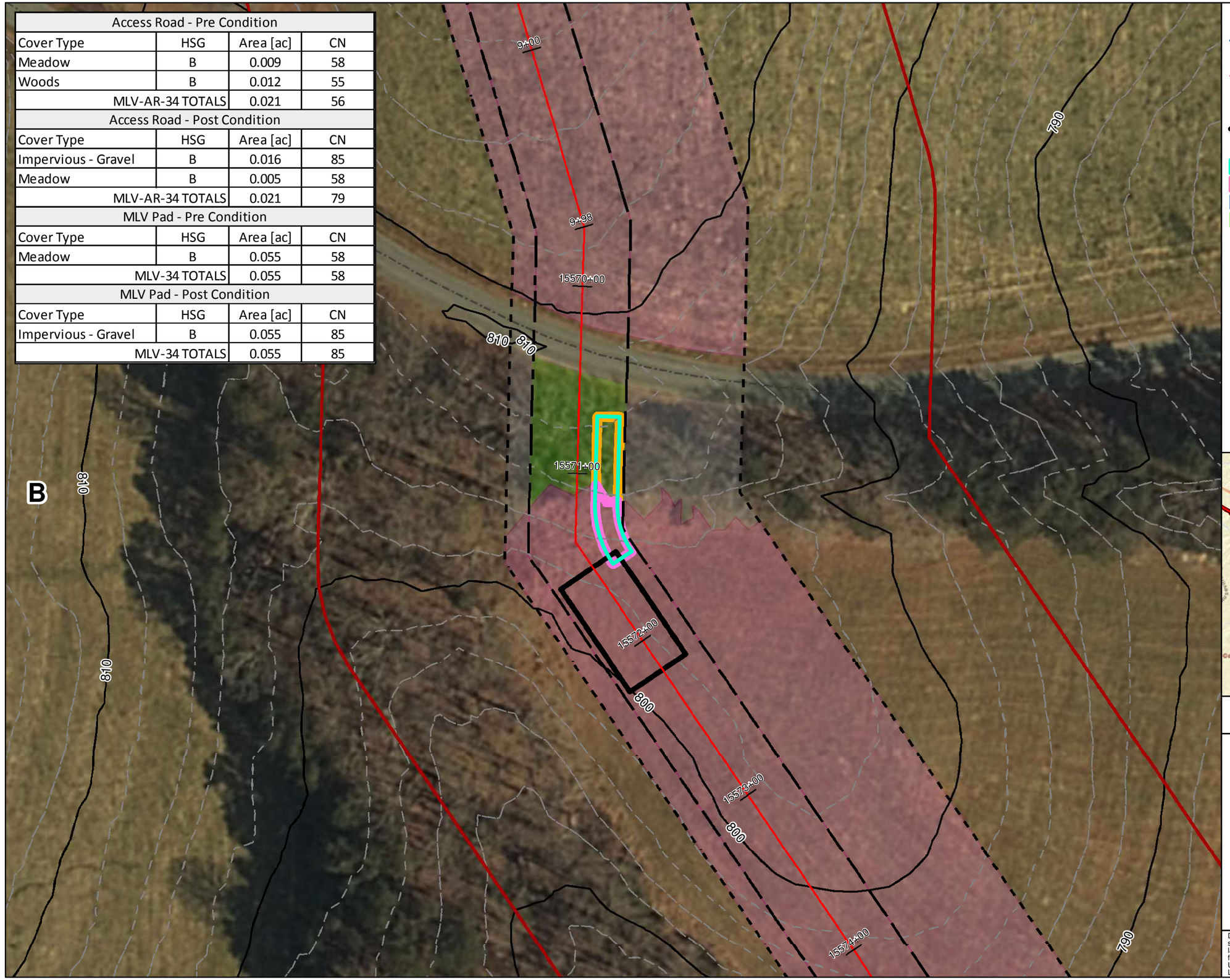
New Impervious Cover
Stormwater Drainage Exhibits
MLV-33
Spread 11

Figure 011
Franklin County, Virginia
March, 2018

Data Sources: Imagery from ESRI Streaming Data 2014, Delineated streams surveyed by Tetra Tech Inc. 2014 to 2017, Transportation data from VITA map layer 2016, Elevation data derived from LiDAR provided by EQT 2016, Soils from NRCS Gridded Soil Survey Geographic (SSURGO) database 2014, Land Use digitized from ESRI World Imagery 2015, Agricultural Area from National Land Cover Dataset 2011.

Document Path: PGH P:\GIS\EQT_MVP\Mapdocs\Drainage\MXD\MVP_StormwaterDrainage_Exhibit_AccessRoad.mxd

Access Road - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Meadow	B	0.009	58
Woods	B	0.012	55
MLV-AR-34 TOTALS		0.021	56
Access Road - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.016	85
Meadow	B	0.005	58
MLV-AR-34 TOTALS		0.021	79
MLV Pad - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Meadow	B	0.055	58
MLV-34 TOTALS		0.055	58
MLV Pad - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.055	85
MLV-34 TOTALS		0.055	85



Legend

- Streams
- Stationing
- Alignment Centerline
- Permanent Easement
- Limit of Disturbance
- MLV Pad
- New Access Road
- Access Road Drainage Area
- 100-year Floodplain
- Pond
- Wetland
- Hydrologic Soil Groups
- 100 ft Buffer off of Limits of Disturbance
- Agricultural
- Barren
- Brush
- Meadow
- Agricultural
- Forest
- Existing Impervious
- Meadow
- State Road Centerline
- 10-foot Contour
- 2-foot Contour

NAD 1983 UTM 17N (feet)

1 in = 50 feet

50 25 0 50 Feet

Mountain Valley Pipeline Project

Mountain Valley PIPELINE

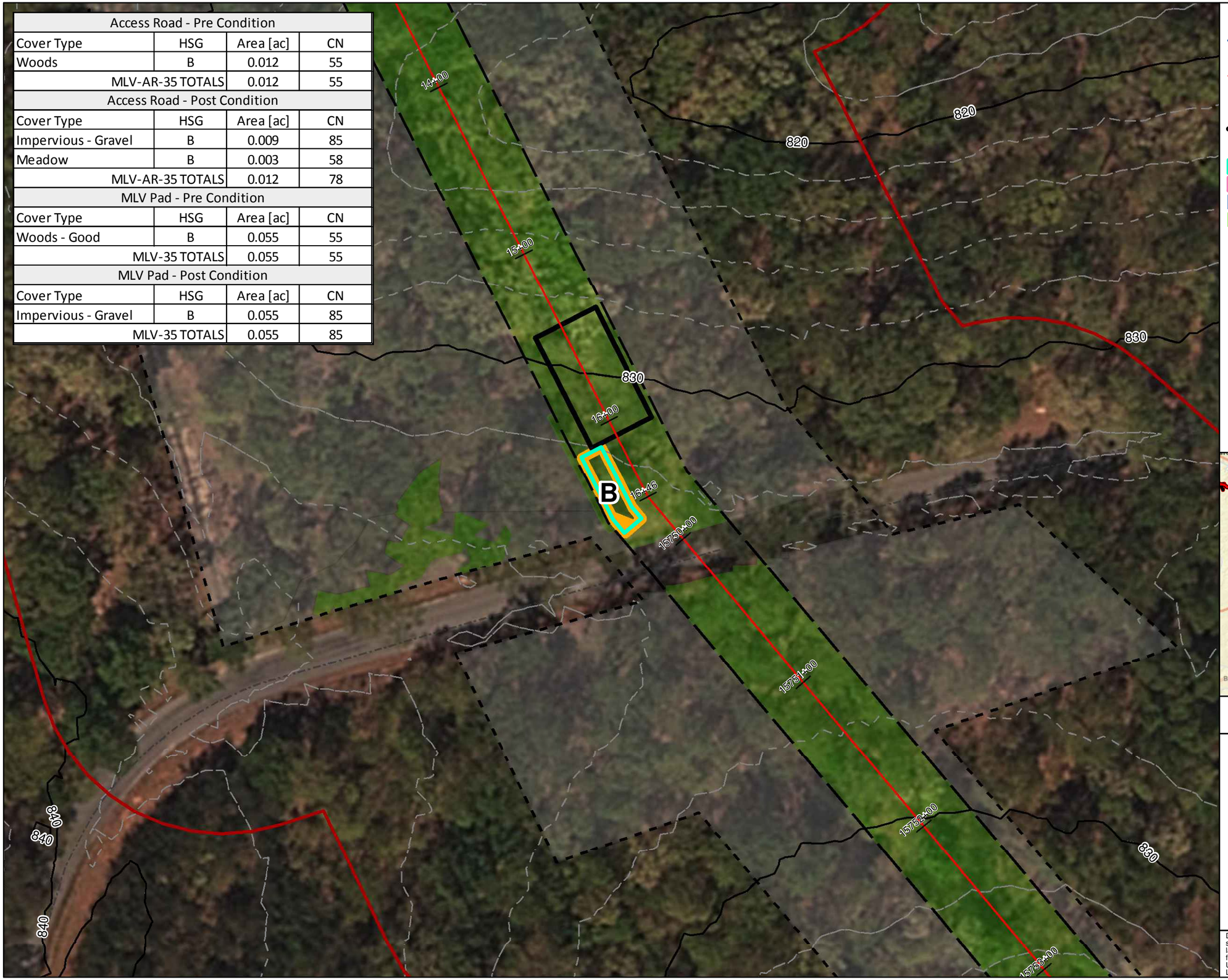
New Impervious Cover
Stormwater Drainage Exhibits
MLV-34
Spread 11

Figure 012
Pittsylvania County, Virginia
March, 2018

Data Sources: Imagery from ESRI Streaming Data 2014, Delineated streams surveyed by Tetra Tech Inc. 2014 to 2017, Transportation data from VITA map layer 2016, Elevation data derived from LiDAR provided by EQT 2016, Soils from NRCS Gridded Soil Survey Geographic (SSURGO) database 2014, Land Use digitized from ESRI World Imagery 2015, Agricultural Area from National Land Cover Dataset 2011.

Document Path: P:\GIS\EQT_MVP\Mapdocs\Drainage\MXD\MVP_StormwaterDrainage_Exhibit_AccessRoad.mxd

Access Road - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Woods	B	0.012	55
MLV-AR-35 TOTALS		0.012	55
Access Road - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.009	85
Meadow	B	0.003	58
MLV-AR-35 TOTALS		0.012	78
MLV Pad - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Woods - Good	B	0.055	55
MLV-35 TOTALS		0.055	55
MLV Pad - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.055	85
MLV-35 TOTALS		0.055	85



Legend

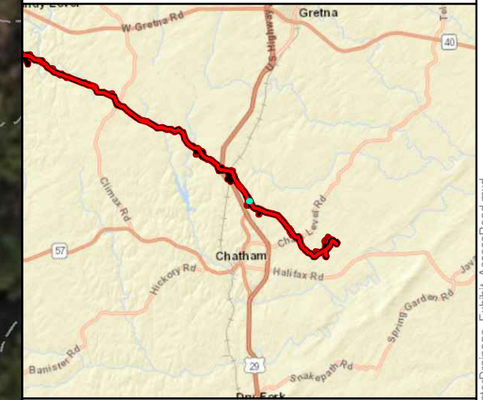
- Streams
- Stationing
- Alignment Centerline
- Permanent Easement
- Limit of Disturbance
- MLV Pad
- New Access Road
- Access Road Drainage Area
- 100-year Floodplain
- Pond
- Wetland
- Hydrologic Soil Groups
- 100 ft Buffer off of Limits of Disturbance
- Agricultural
- Barren
- Brush
- Meadow
- Agricultural
- Forest
- Existing Impervious
- Meadow
- State Road Centerline
- 10-foot Contour
- 2-foot Contour

NAD 1983 UTM 17N (feet)

N W E S

1 in = 50 feet

50 25 0 50 Feet



Mountain Valley Pipeline Project

Mountain Valley PIPELINE

New Impervious Cover
Stormwater Drainage Exhibits
MLV-35
Spread 11

Figure 013
Pittsylvania County, Virginia
March, 2018

Data Sources: Imagery from ESRI Streaming Data 2014, Delineated streams surveyed by Tetra Tech Inc. 2014 to 2017, Transportation data from VITA map layer 2016, Elevation data derived from LiDAR provided by EQT 2016, Soils from NRCS Gridded Soil Survey Geographic (SSURGO) database 2014, Land Use digitized from ESRI World Imagery 2015, Agricultural Area from National Land Cover Dataset 2011.

Document Path: P:\GIS\EQT_MVP\Mapdocs\Drainage\MXD\MVP_StormwaterDrainage_Exhibit_AccessRoad.mxd

Access Road - Pre Condition			
Cover Type	HSG	Area [ac]	CN
Woods	B	0.567	55
Woods	D	0.023	77
	PI-343 TOTALS	0.590	56
Access Road - Post Condition			
Cover Type	HSG	Area [ac]	CN
Impervious - Gravel	B	0.426	85
Meadow	B	0.142	58
Impervious - Gravel	D	0.017	91
Meadow	D	0.005	78
	PI-343 TOTALS	0.590	79

Legend

- Streams
- Stationing
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- Wetland
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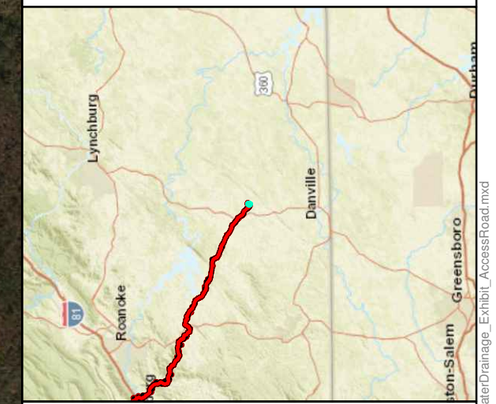
- 100 ft Buffer off of Limits of Disturbance
- Agricultural
- Barren
- Brush
- Meadow
- Agricultural
- Forest
- Existing Impervious
- Meadow
- State Road Centerline
- 10-foot Contour
- 2-foot Contour

NAD 1983 UTM 17N (feet)

1 in = 350 feet

0 50 100 200 Feet



Mountain Valley Pipeline Project

Mountain Valley PIPELINE

New Impervious Cover Stormwater Drainage Exhibits
PI-343
Spread 11

Figure 014
Pittsylvania County, Virginia
March, 2018

Data Sources: Imagery from ESRI Streaming Data 2014, Delineated streams surveyed by Tetra Tech Inc. 2014 to 2017, Transportation data from VITA map layer 2016, Elevation data derived from LiDAR provided by EQT 2016, Soils from NRCS Gridded Soil Survey Geographic (SSURGO) database 2014, Land Use digitized from ESRI World Imagery 2015, Agricultural Area from National Land Cover Dataset 2011.

Document Path: P:\GIS\EQT_MVP\Mapdocs\Drainage\MXD\MVP_StormwaterDrainage_Exhibit_AccessRoad.mxd