

Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and 1,000-meter grid: Universal Transverse Mercator, Zone 17E
11,000-foot grid: Virginia Coordinate System of 1983 (south zone)

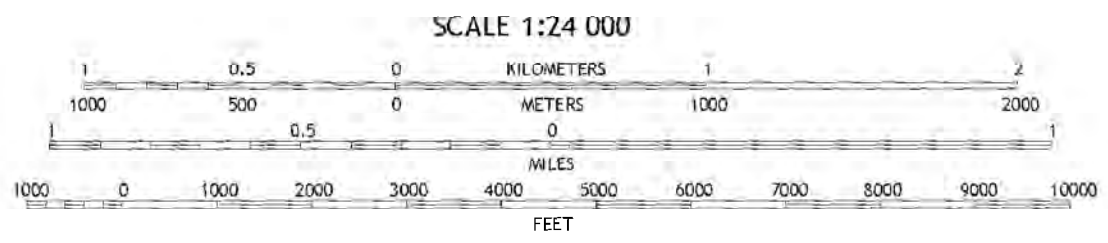
This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

Imagery:.....NAIP, July 2014
Roads:.....U.S. Census Bureau, 2015
Name:.....GNIS, 2016
Hydrography:.....National Hydrography Dataset, 2014
Contours:.....National Elevation Dataset, 2008
Boundaries:.....Multiple sources; see metadata file 1972_2016

Wetlands:.....FWS National Wetlands Inventory 1977 - 2014

UTM GRID AND 2011 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid	11S
UTM Zone Designation	18T

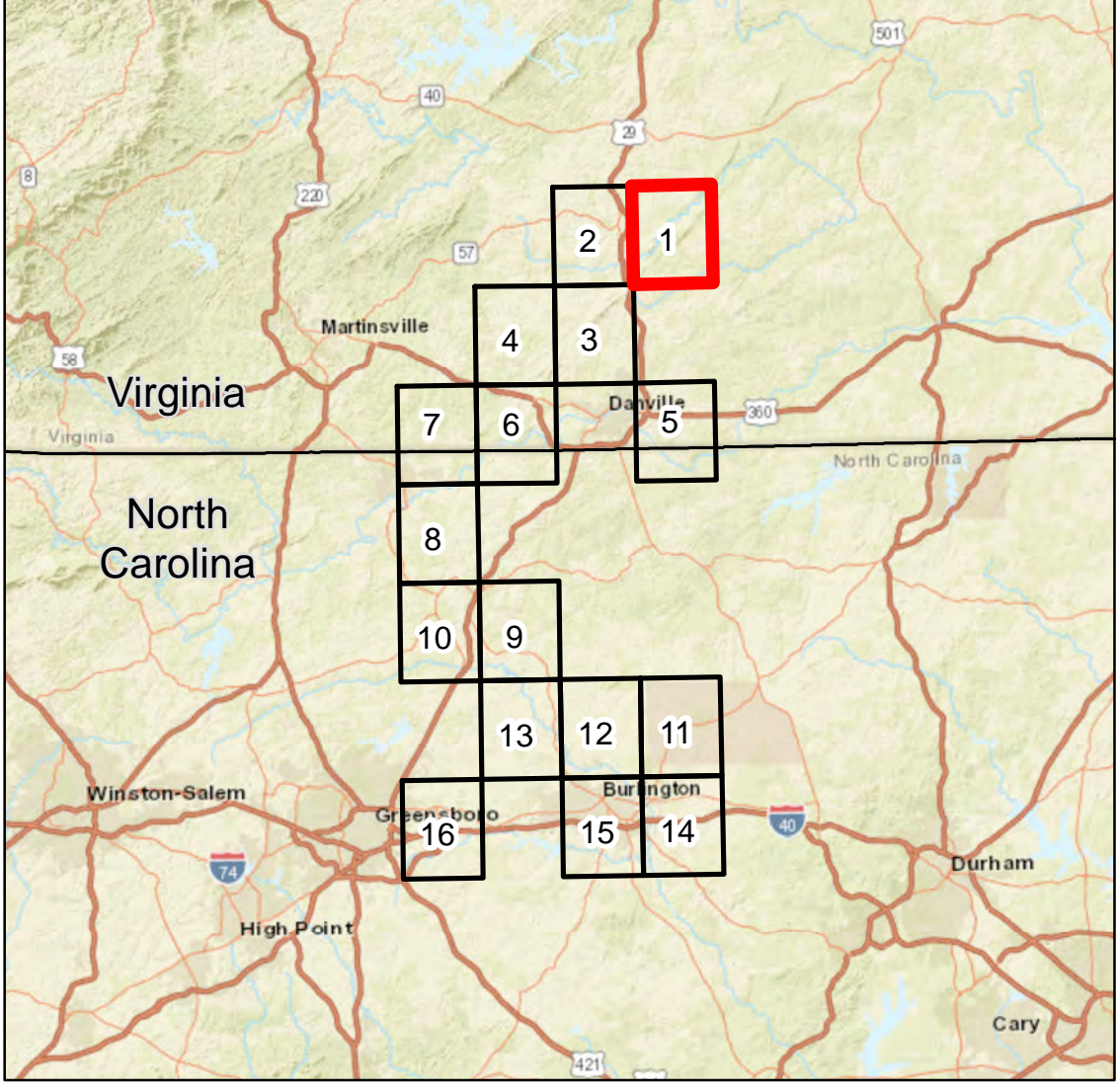


ROAD CLASSIFICATION

Expressway	Local Connector
Secondary Hwy	Local Road
Ham	AWD
Interstate Route	US Route
	State Route

1	2	3	Pittsville
4	5	6	2 Stone
7	8	9	3 Mount Airy
10	11	12	4 Chatham
13	14	15	5 Jaws
16	17	18	6 Mount Hermon
19	20	21	7 Stone
22	23	24	8 Ingram

SPRING GARDEN, VA
2016



Legend

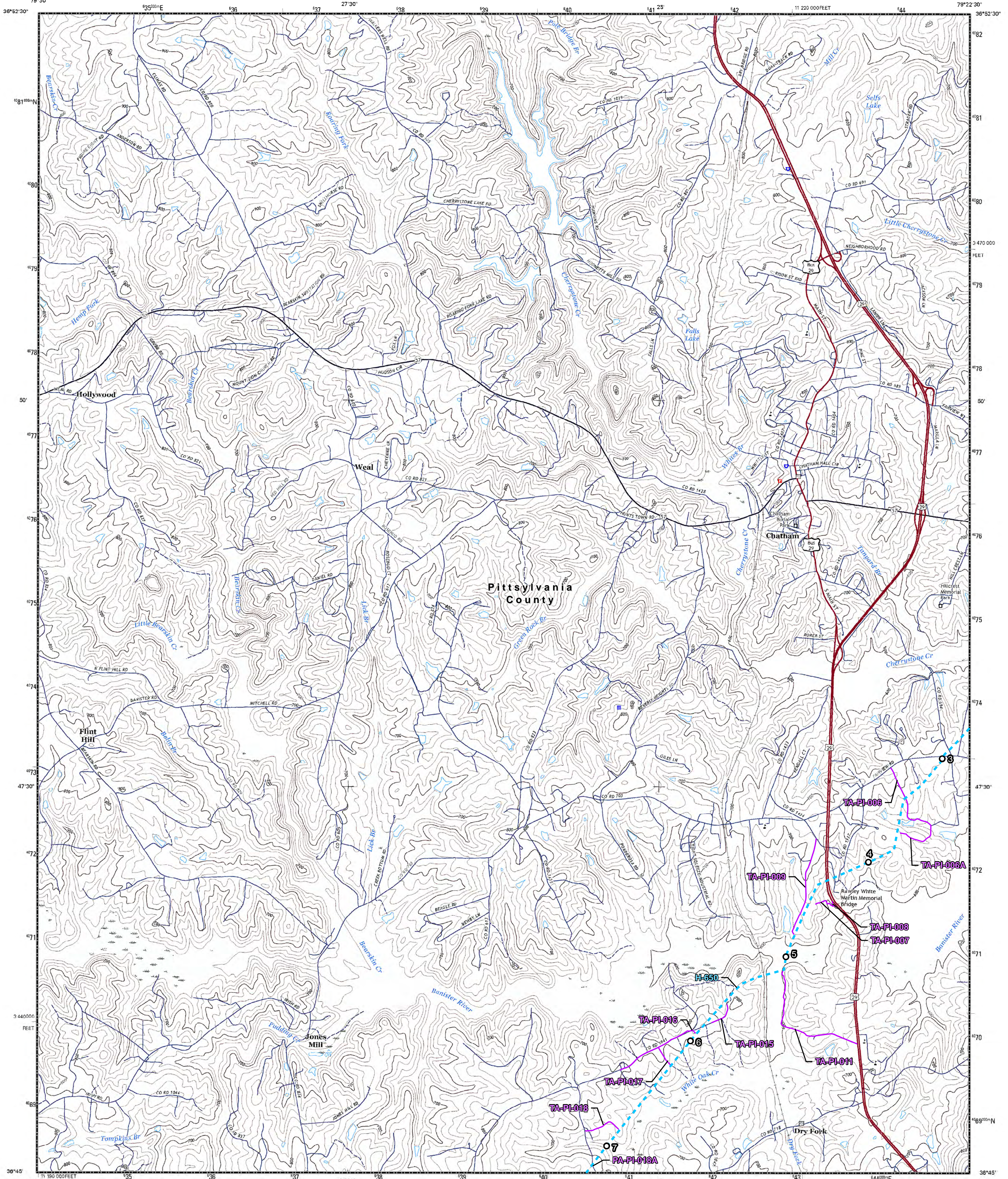
○ Mileposts	----- Proposed Pipeline Route
● Compressor Station	----- Access Roads
◆ Facility Sites	□ State Boundary
■ Contractor Yards	□ County Boundary
● Meter Stations	
▲ Valve Sites	

Data Source: EQT, TRC, ESRI, USGS

Mountain Valley PIPELINE LLC

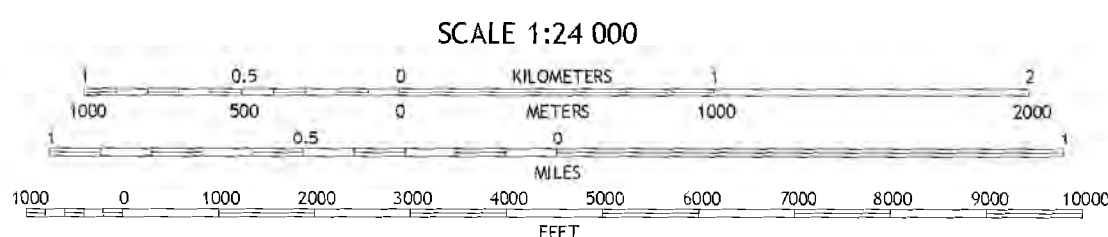
Appendix 1-B	Date: March, 26th, 2019	
PA-PIVA-H650-USGS-01	REV: P3	PAGE: 1

TRC Results you can rely on
16350 Park Ten Pl Ste 101
Houston, Texas 77084



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84), Projection and
1000-meter grid; Universal Transverse Mercator, zone 17E
10 000-foot ticks; Virginia Coordinate System of 1983 (south
zone)
This map is not a legal document. Boundaries may be
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entering private lands.
Topography.....NAIP, July 2014
Roads.....U.S. Census Bureau, 2015 - 2016
Names.....USGS, 2016
Hydrography.....National Hydrography Dataset, 2014
Contours.....National Elevation Dataset, 2008
Boundaries.....Multiple sources; see metadata file 1972 - 2016
Wetlands.....FWS National Wetlands Inventory 1977 - 2014

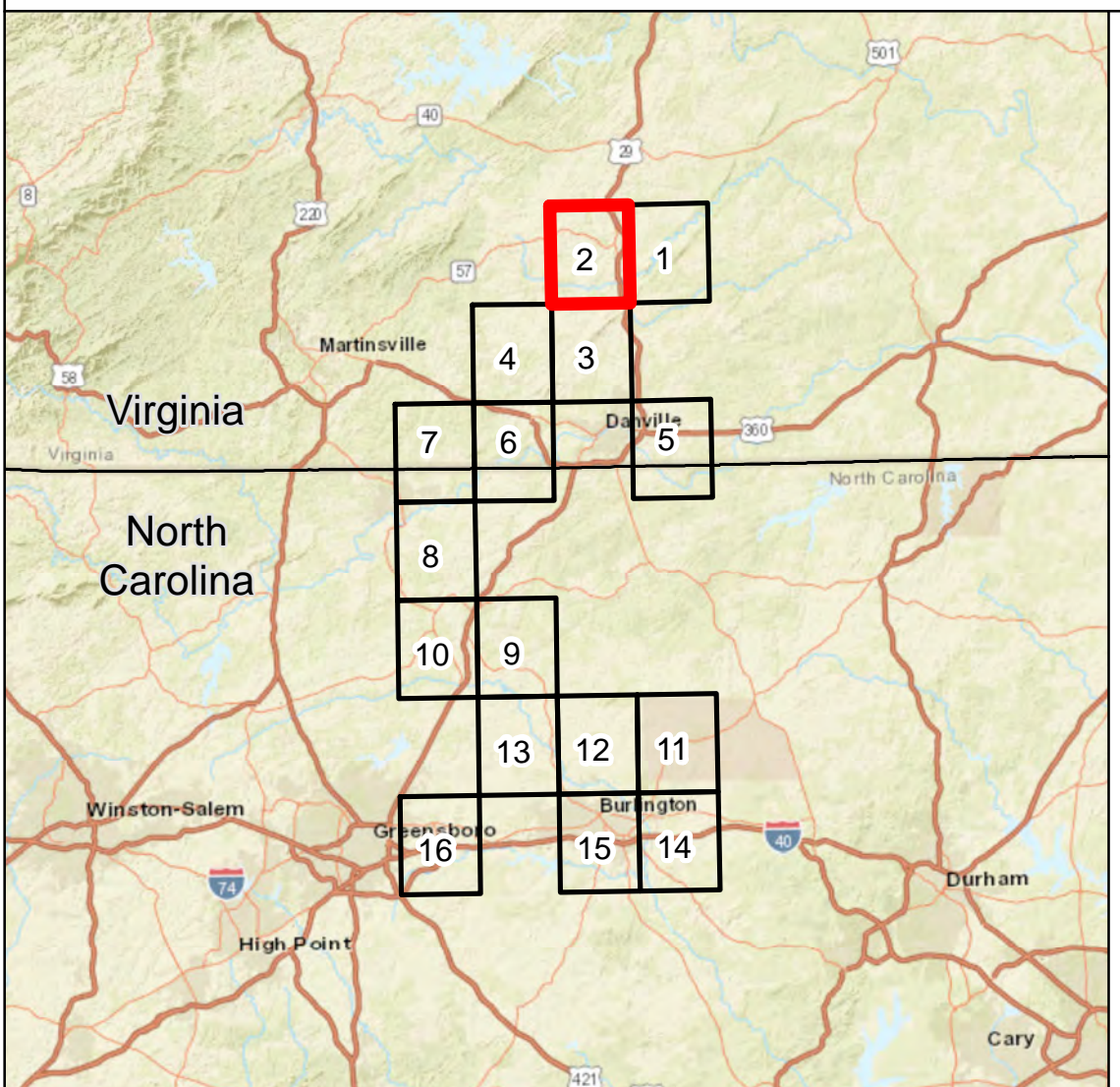
SCALE 1:24 000
KILOMETERS
METERS
MILES
FEET
CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1983
This map was produced to conform with the
National Geospatial Program US Topo Product Standard, 2011.
A metadata file associated with this product is draft version 0.5.19



ROAD CLASSIFICATION
Expressway
Secondary Hwy
Ramp
Interstate Route
Local Connector
Local Road
4WD
US Route
State Route
CHATHAM, VA
2016

1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES



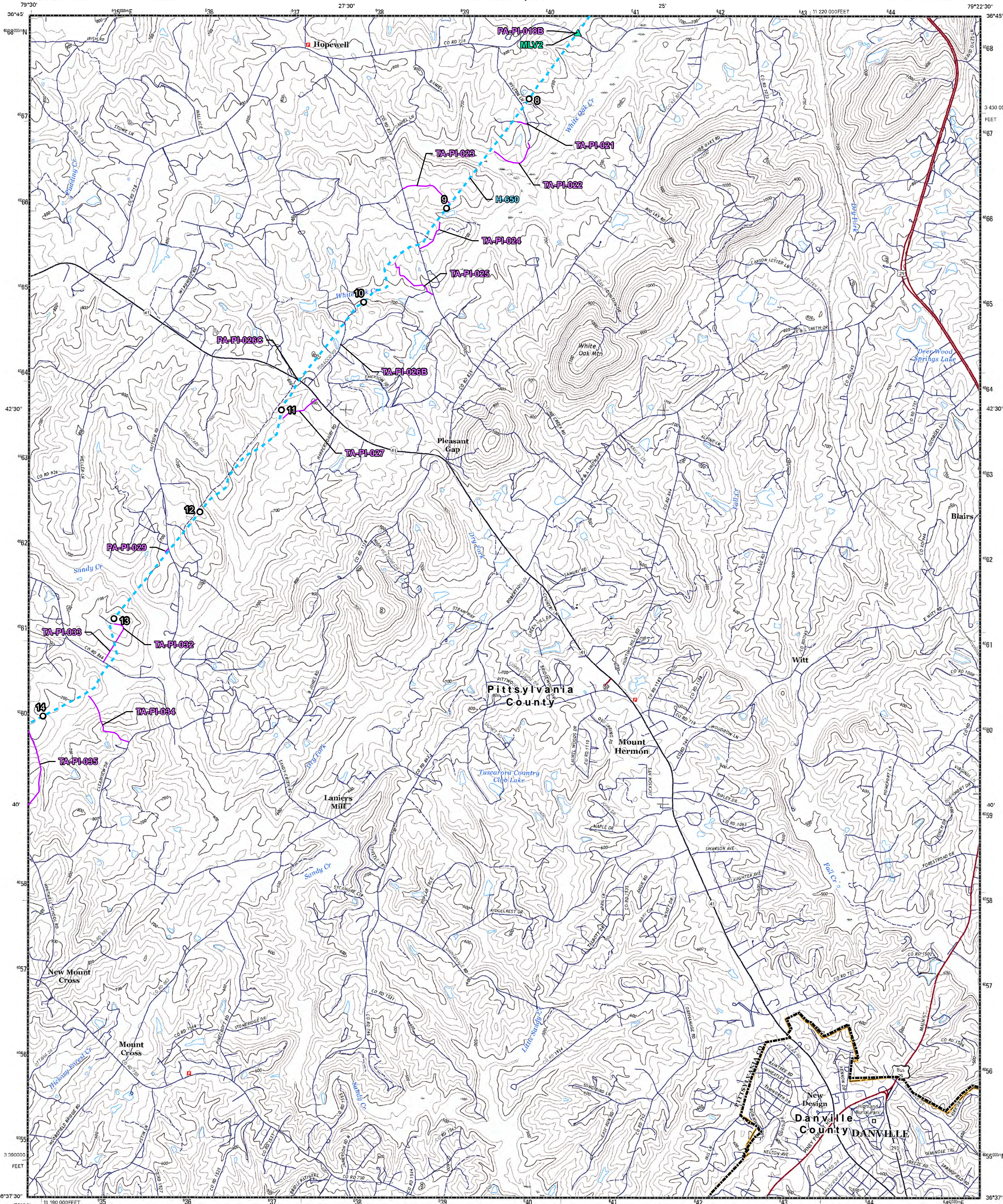
- Legend**
- Mileposts
 - Compressor Station
 - ⬢ Facility Sites
 - ⬢ Contractor Yards
 - Meter Stations
 - ▲ Valve Sites
 - Proposed Pipeline Route
 - Access Roads
 - State Boundary
 - County Boundary

Data Source: EQT, TRC, ESRI, USGS



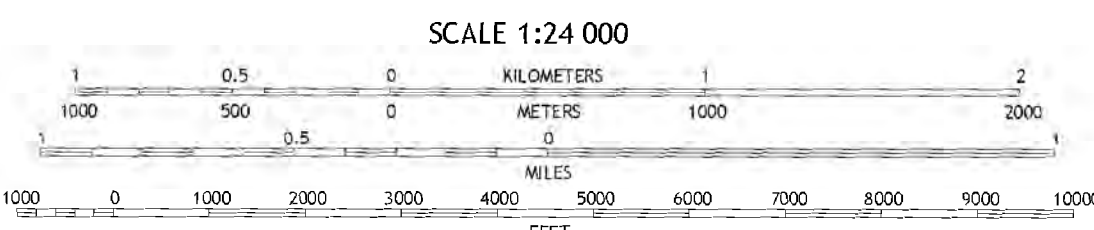
Appendix 1-B	Date: March, 26th, 2019	
PA-PIVA-H650-USGS-02	REV: P3	PAGE: 2





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North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84), Projection and
1000-meter grid: Universal Transverse Mercator, zone 17S
10 000-foot ticks: Virginia Coordinate System of 1983 (south
zone)

UTM GRID AND 2016 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
U.S. National Grid
PA
Grid zone designation
17S



SCALE 1:24 000
KILOMETERS
METERS
MILES
FEET
CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988



OVERSHADE LOCATION

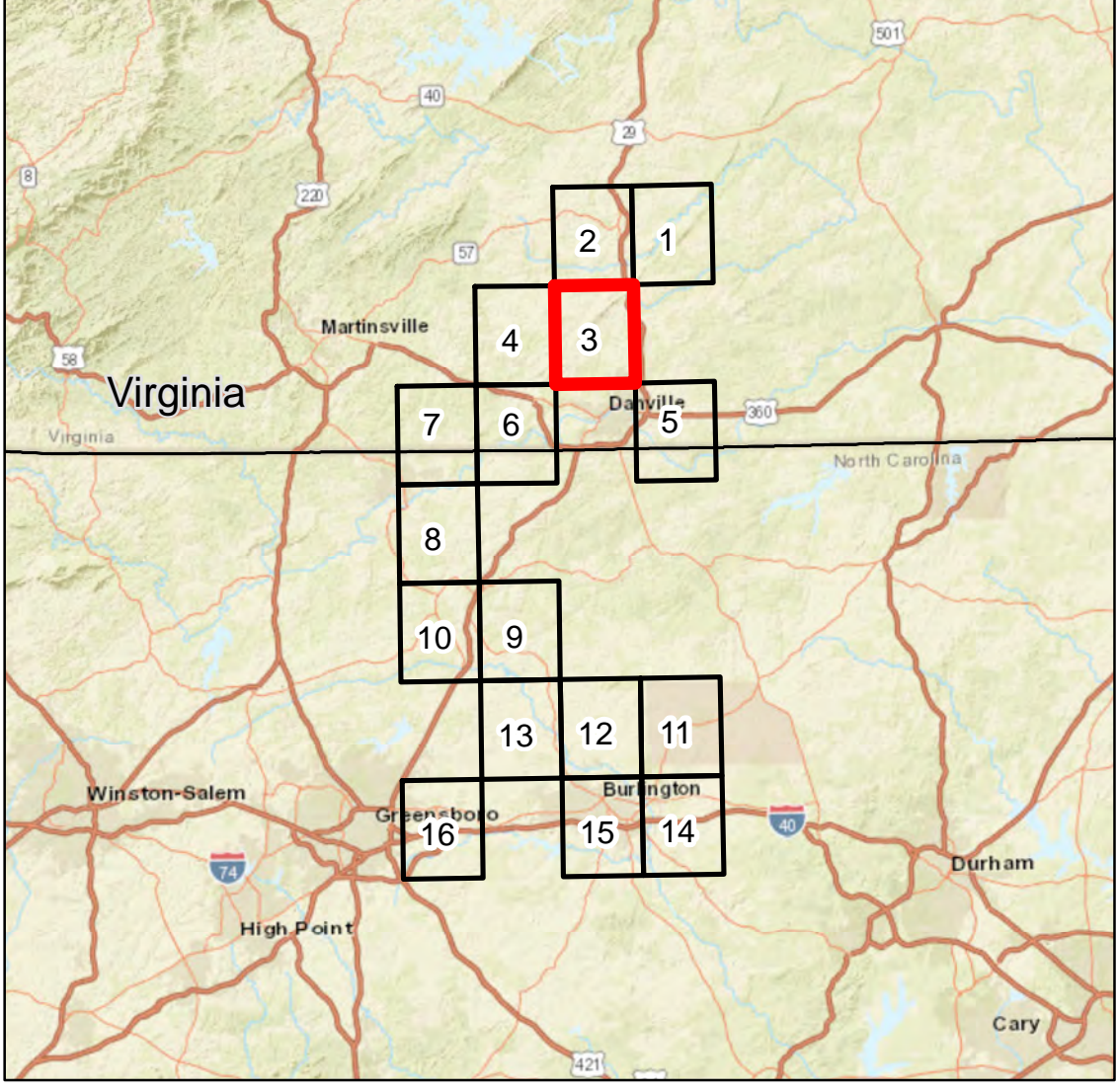
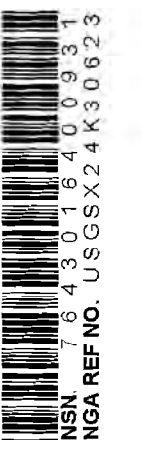
3-D INDEXING QUADRANGLES

1	2	3
4	5	6
7	8	9

1 Callands
2 Chatham
3 Spring Garden
4 Mitchell
5 Blairs
6 Brosville
7 Danville
8 Ringgold

ROAD CLASSIFICATION
Expressway
Secondary Hwy
Ramp
Interstate Route
Local Connector
Local Road
4WD
US Route
State Route

MOUNT HERMON, VA 2016



Legend

- Mileposts
- Compressor Station
- Facility Sites
- Contractor Yards
- Meter Stations
- Valve Sites
- Proposed Pipeline Route
- Access Roads
- State Boundary
- County Boundary

Data Source: EQT, TRC, ESRI, USGS

Mountain Valley PIPELINE LLC

Appendix 1-B Date: March, 26th, 2019

PA-PIVA-H650-USGS-03 REV: P3 PAGE: 3

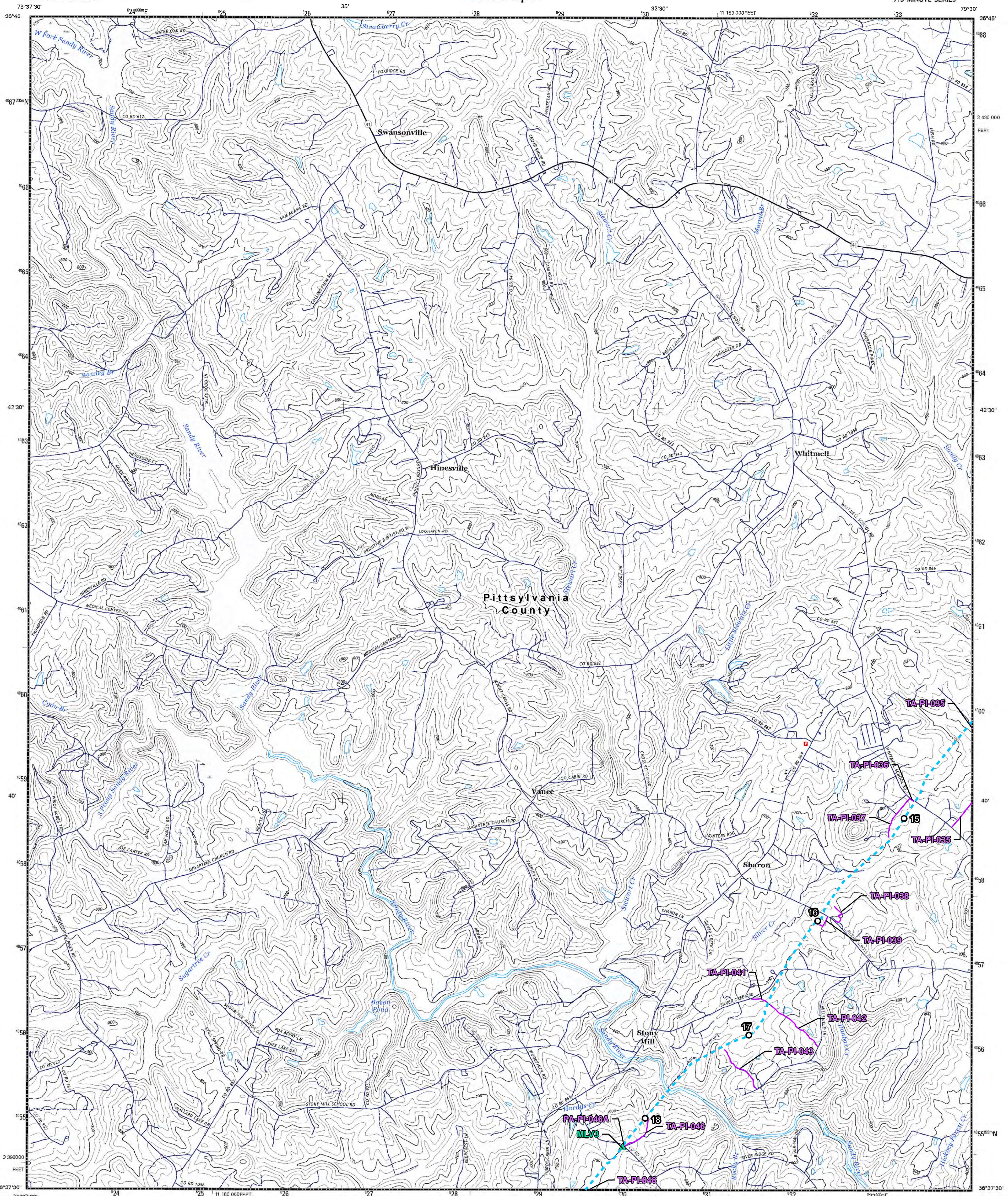
TRC Results you can rely on
16350 Park Ten PI Ste 101
Houston, Texas 77084



U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



WHITMELL QUADRANGLE
VIRGINIA-PITTSYLVANIA CO.
7.5-MINUTE SERIES

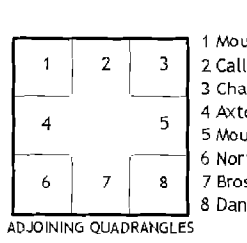
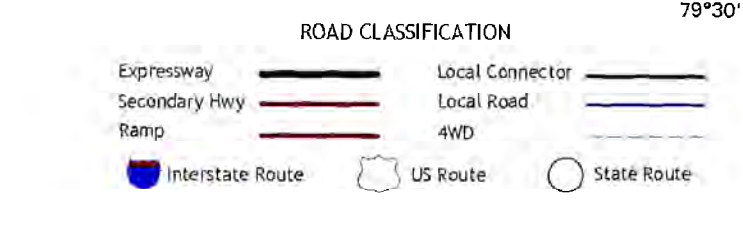
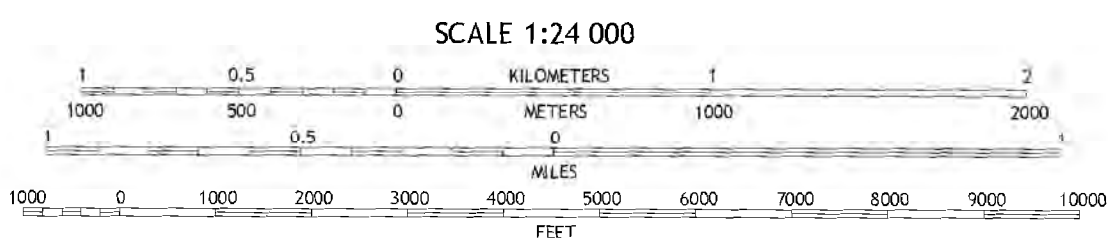
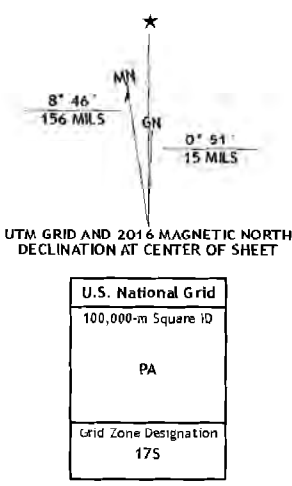


Produced by the United States Geological Survey

North American datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84), Projection and
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10 000-foot ticks: Virginia Coordinate System of 1983 (south
zone)

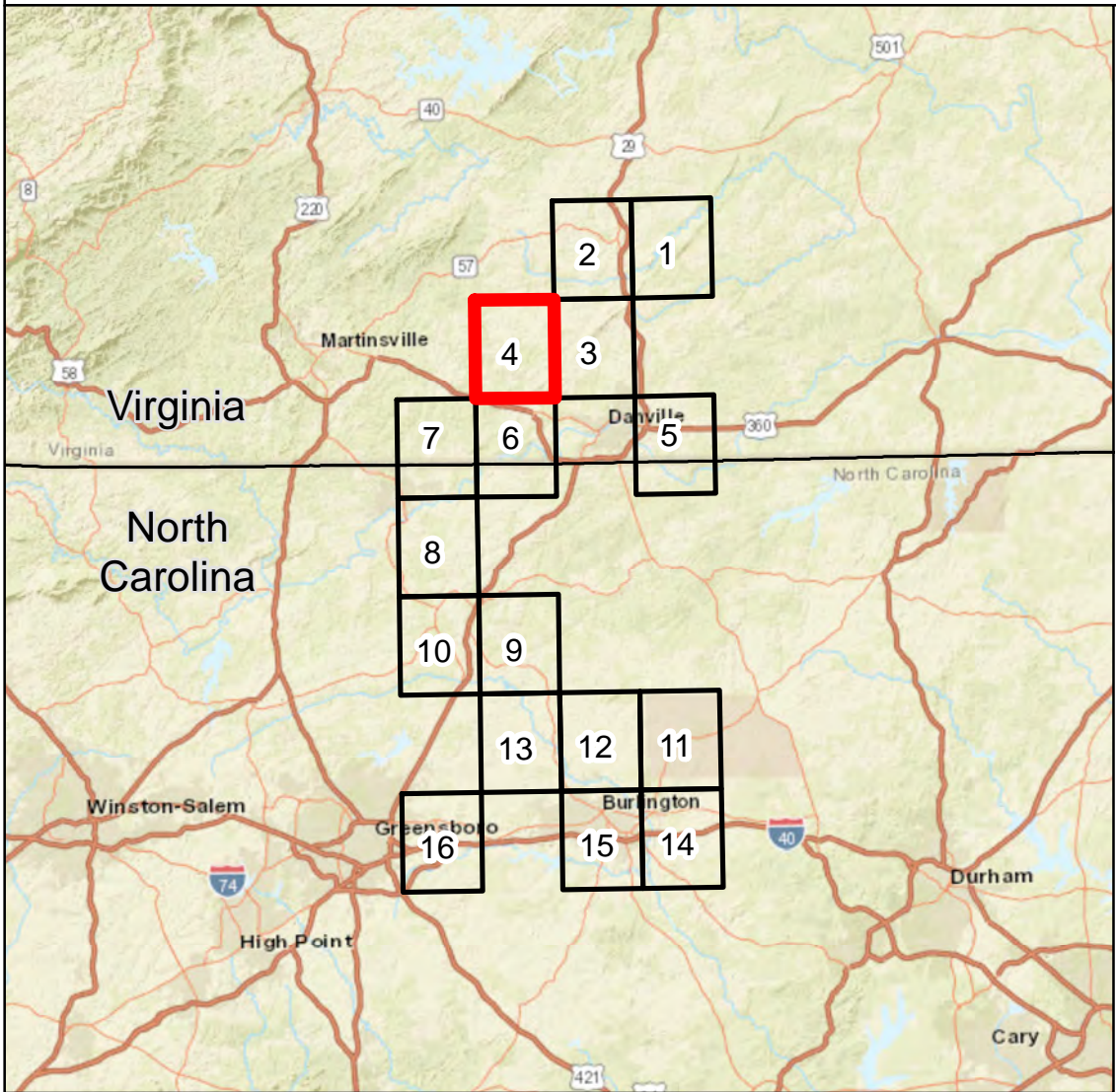
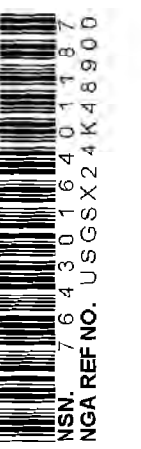
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Imagery.....NAP, July 2014
Roads.....U.S. Census Bureau, 2015 - 2016
Names.....GNIS, 2016
Hydrography.....National Hydrography Dataset, 2016
Contours.....National Elevation Dataset, 2008
Boundaries.....Multiple sources; see metadata file 1972 - 2016
Wetlands.....FWS National Wetlands Inventory 1977 - 2014



1 Mountain Valley
2 Callands
3 Chatham
4 Acton
5 Mount Hermon
6 Northeast Eden
7 Troutville
8 Danville

WHITMELL, VA
2016



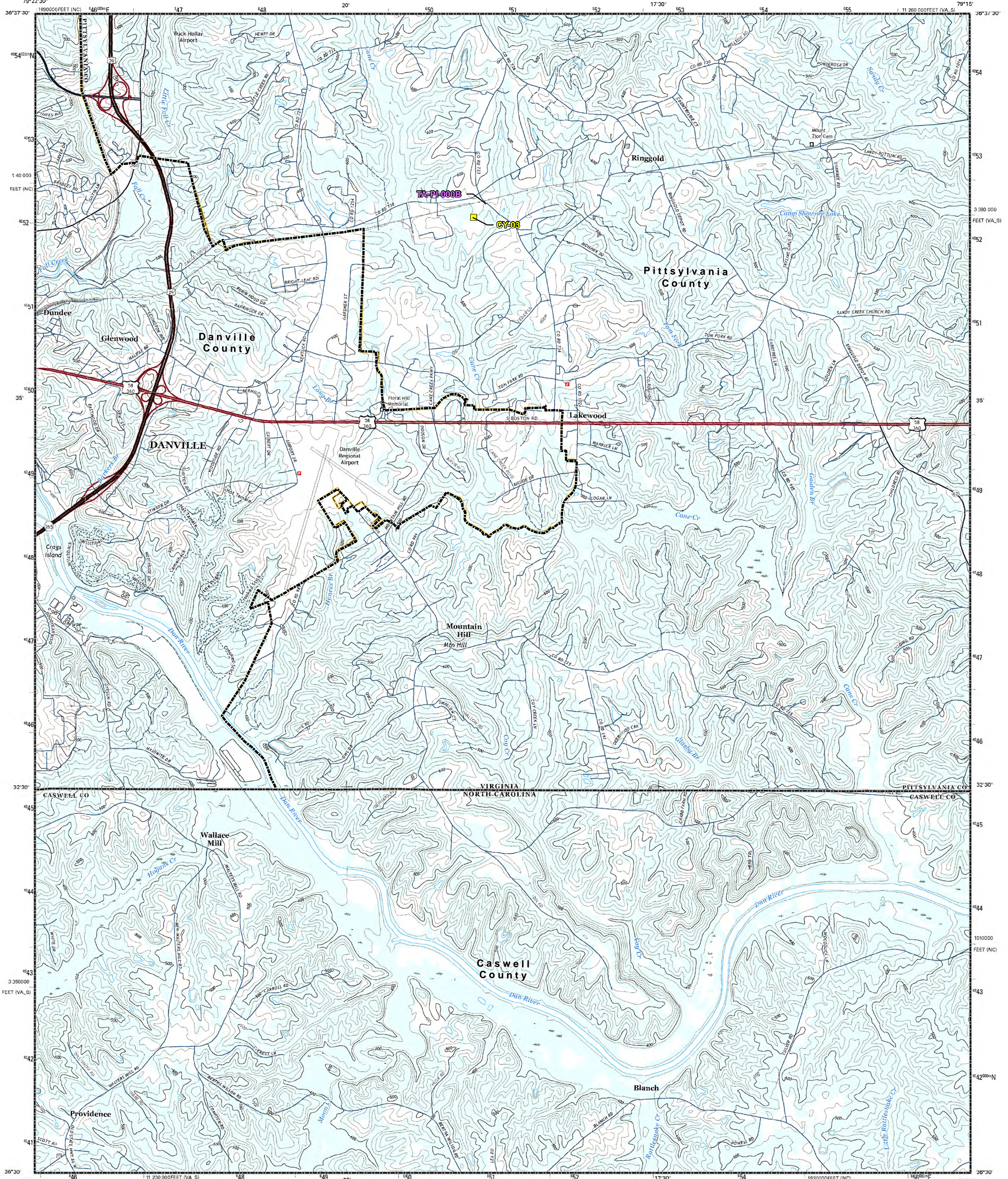
- Legend**
- Mileposts
 - Compressor Station
 - ◆ Facility Sites
 - Contractor Yards
 - Meter Stations
 - ▲ Valve Sites
 - Proposed Pipeline Route
 - Access Roads
 - State Boundary
 - County Boundary

Data Source: EQT, TRC, ESRI, USGS



Appendix 1-B	Date: March, 26th, 2019	
PA-PIVA-H650-USGS-04	REV: P3	PAGE: 4

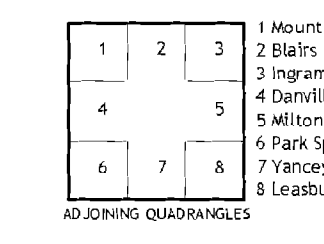
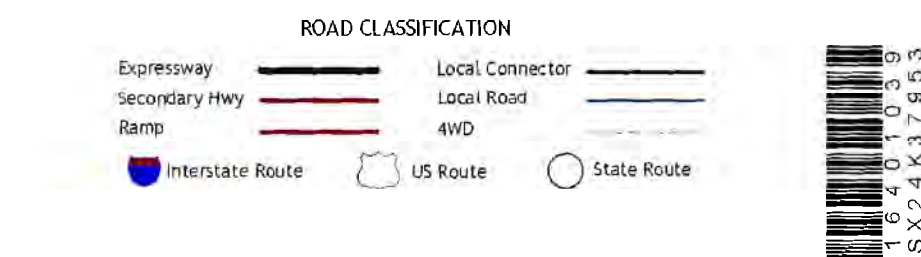
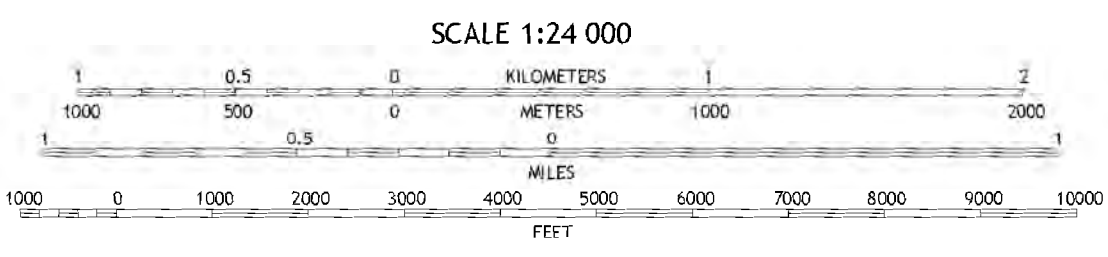
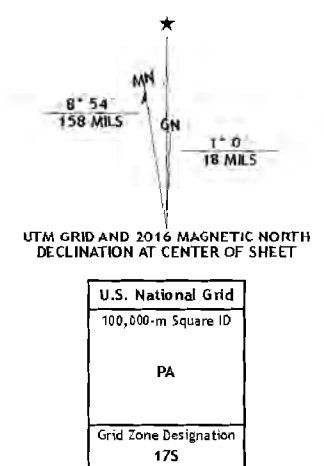




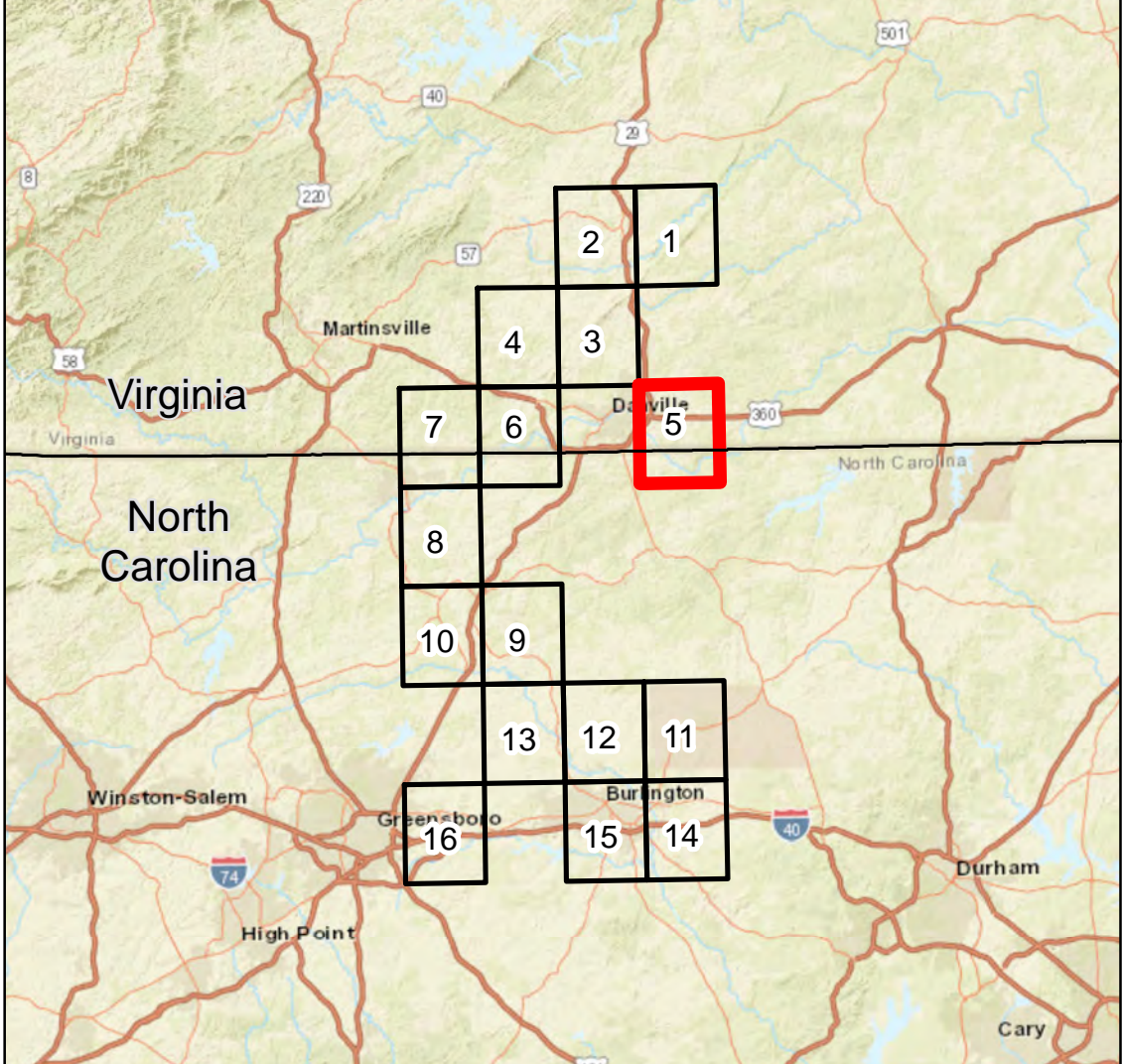
Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
110,000-foot grid: Universal Transverse Mercator, zone 17S
10,000-foot ticks: Virginia Coordinate System of 1983 (south
zone), North Carolina Coordinate System of 1983

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generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.

Map Data:
Roads.....NAIP, June 2014
Elevations.....U.S. Census Bureau, 2015 - 2016
Names.....GNIS, 2016
Hydrography.....National Hydrography Dataset, 2014
Contours.....National Elevation Dataset, 1999
Boundaries.....Multiple sources; see metadata file 1972 - 2016
Wetlands.....FWS National Wetlands Inventory 1977 - 2014



RINGGOLD, VA-NC
2016



- Legend**
- Mileposts
 - Compressor Station
 - Facility Sites
 - Contractor Yards
 - Meter Stations
 - ▲ Valve Sites
 - Proposed Pipeline Route
 - Access Roads
 - State Boundary
 - County Boundary

Data Source: EQT, TRC, ESRI, USGS

Appendix 1-B	Date: March, 26th, 2019	
PA-PIVA-H650-USGS-05	REV: P3	PAGE: 5

16350 Park Ten PI Ste 101
Houston, Texas 77084

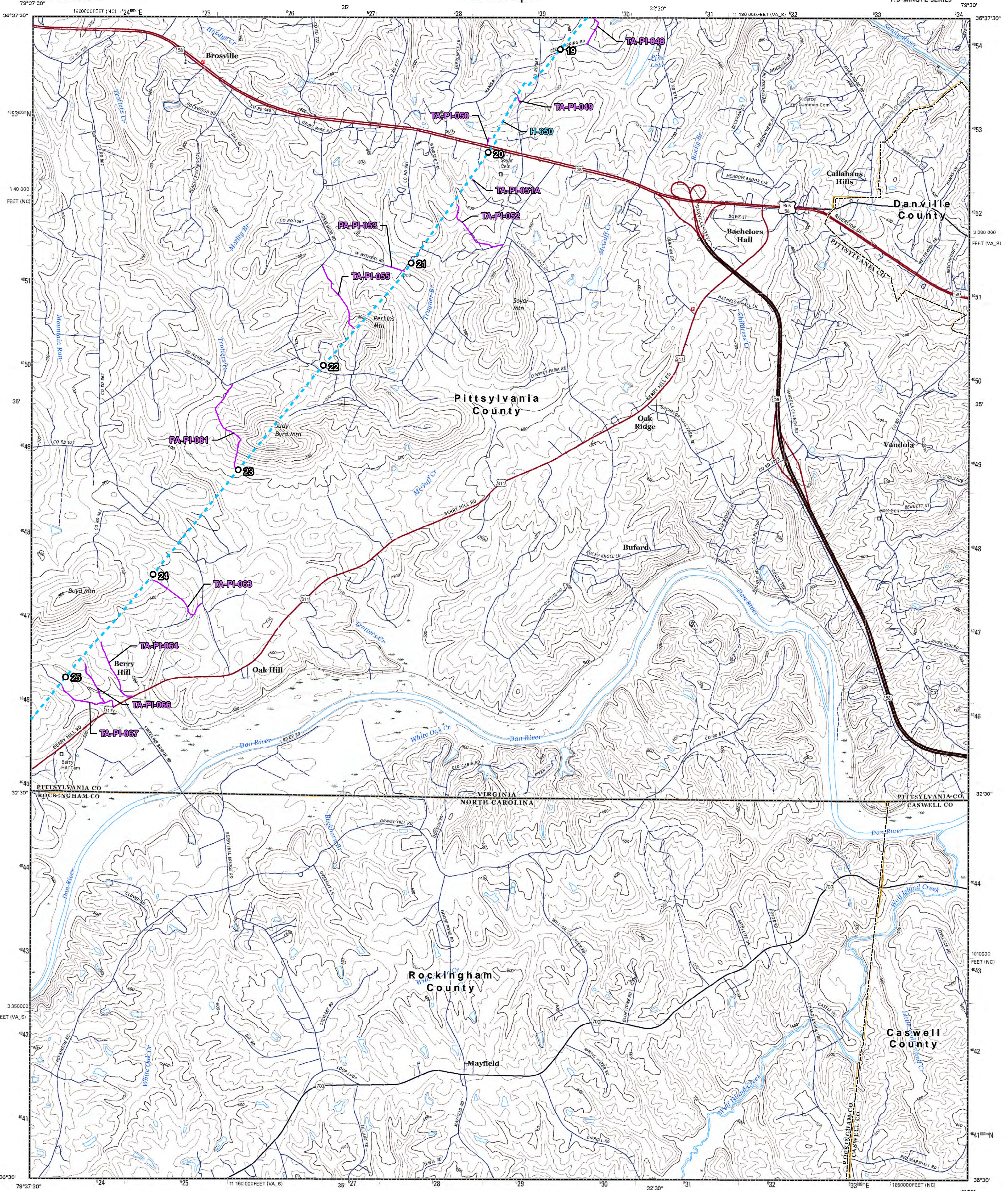
Results you can rely on



U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



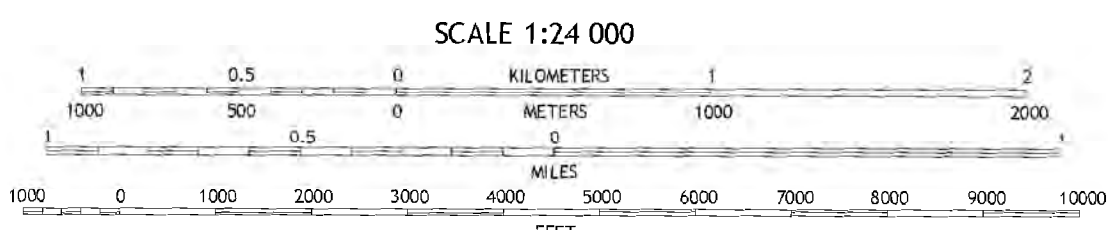
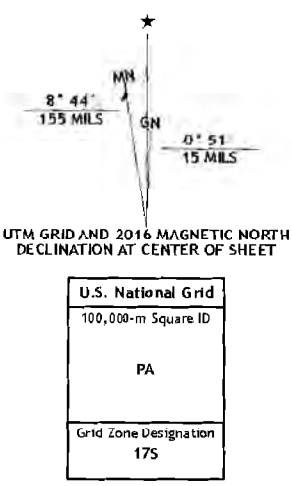
BROSVILLE QUADRANGLE
VIRGINIA-NORTH CAROLINA
7.5-MINUTE SERIES



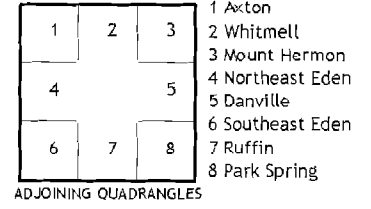
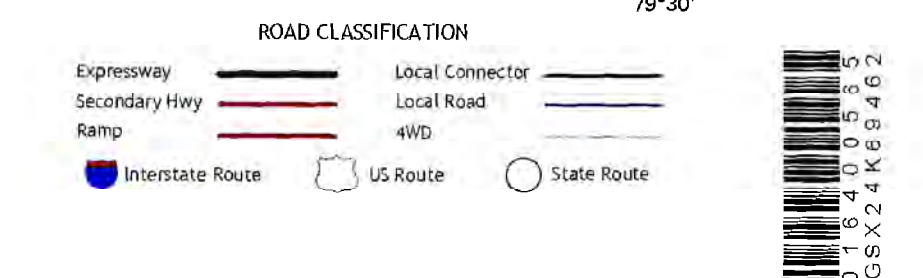
Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84), Projection and
1000-meter grid: Universal Transverse Mercator, Zone 17S
10 000-Foot Grid: Virginia Coordinate System of 1983 (south
zone), North Carolina Coordinate System of 1983

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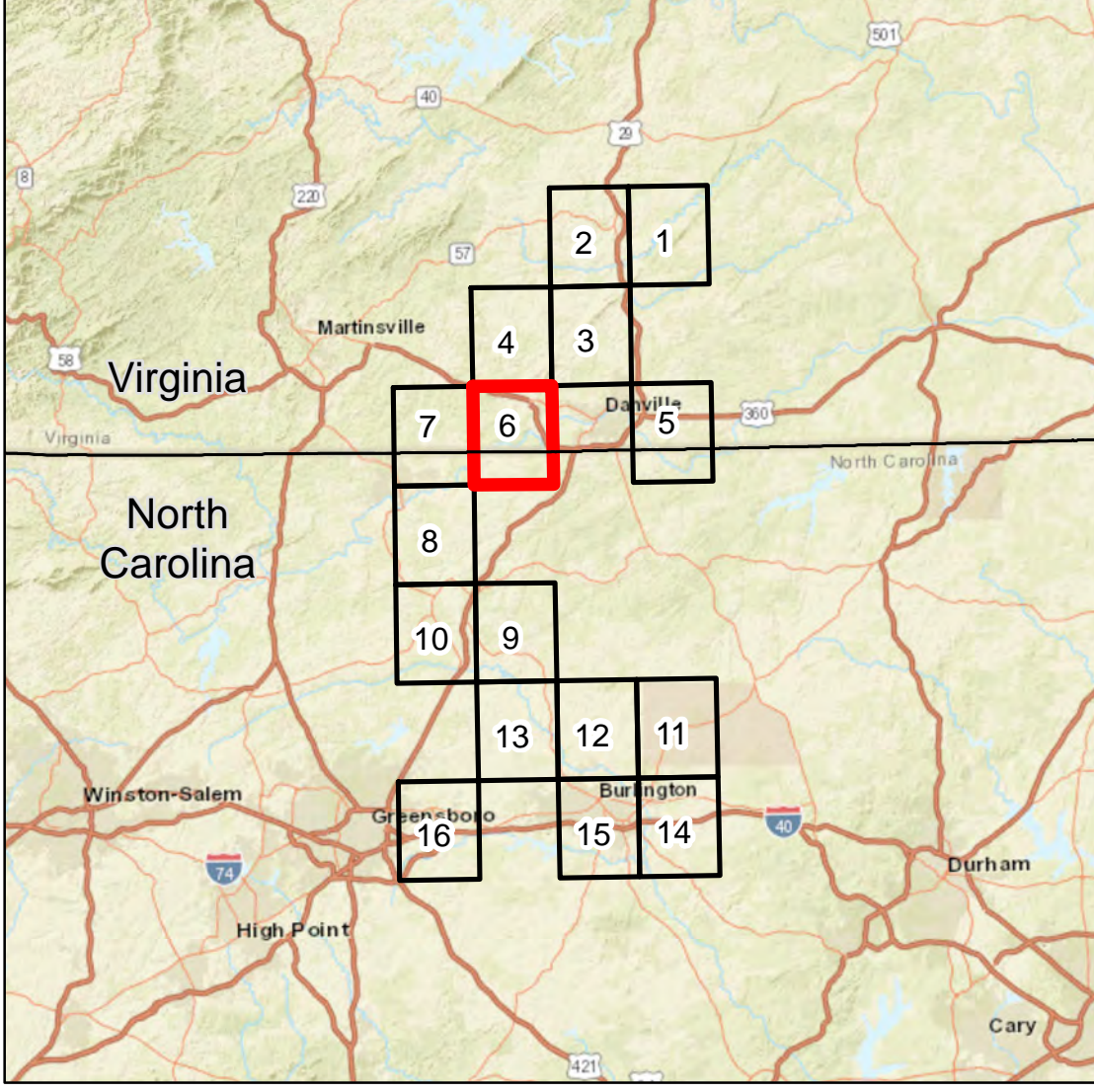
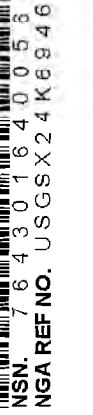
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Names:.....GNIS, 2016
Hydrography:.....National Hydrography Dataset, 2014
Contours:.....National Elevation Dataset, 1999
Boundaries:.....Multiple sources; see metadata file 1972 - 2016
Wetlands:.....FWS National Wetlands Inventory 1977 - 2014



CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1983
This map was produced to conform with the
National Geospatial Program US Topo Product Standard, 2011.
A metadata file associated with this product is draft version 0.6.19



BROSVILLE, VA-NC
2016



Legend

- Mileposts
- Compressor Station
- ⬠ Facility Sites
- ⬠ Contractor Yards
- Meter Stations
- ▲ Valve Sites
- Proposed Pipeline Route
- Access Roads
- ⬠ State Boundary
- ⬠ County Boundary

Data Source: EQT, TRC, ESRI, USGS

Mountain Valley PIPELINE LLC

Appendix 1-B Date: March, 26th, 2019

PA-PIVA-H650-USGS-06 REV: P3 PAGE: 6

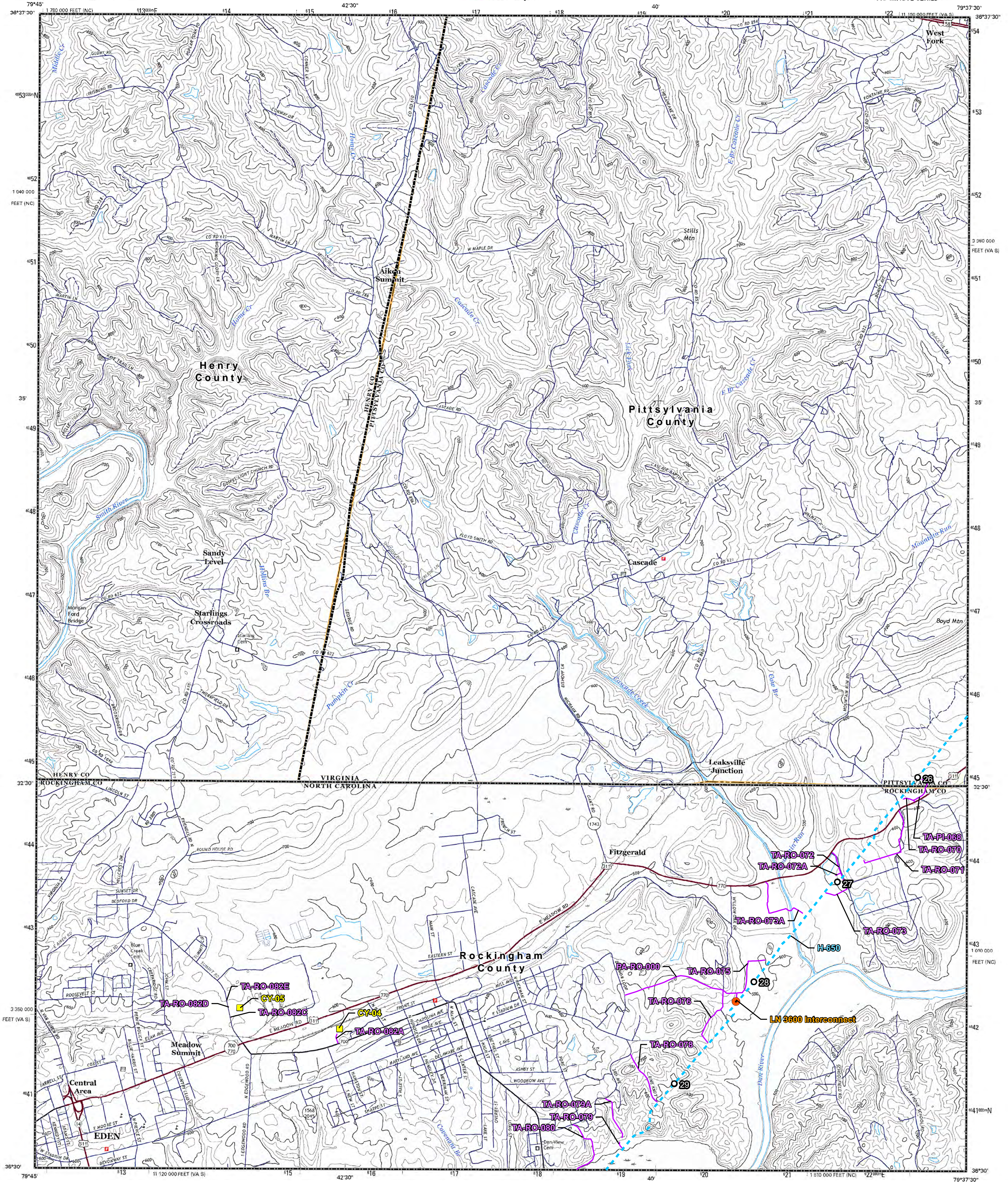
TRC Results you can rely on
16350 Park Ten PI Ste 101
Houston, Texas 77084



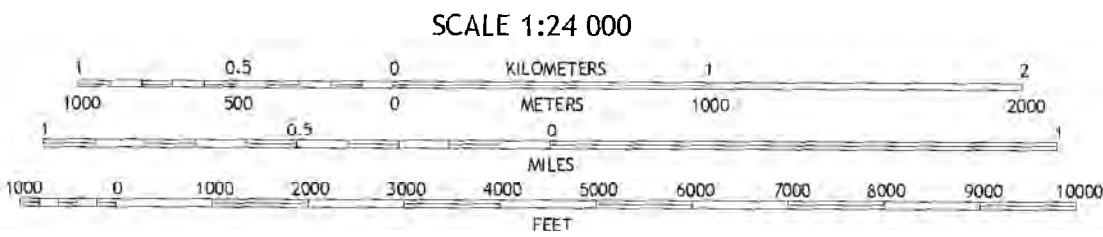
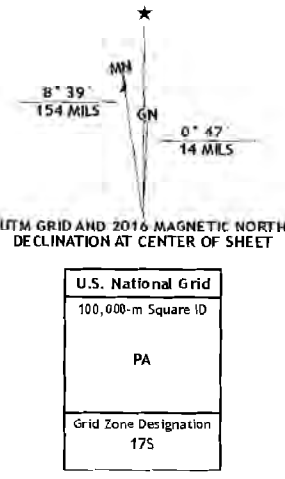
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



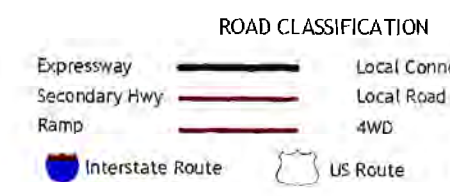
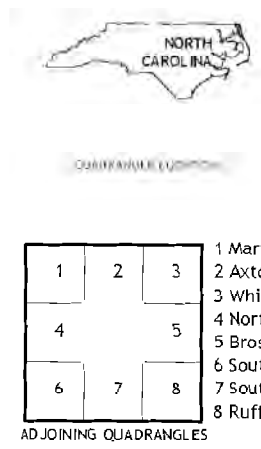
NORTHEAST EDEN QUADRANGLE
NORTH CAROLINA-VIRGINIA
7.5-MINUTE SERIES



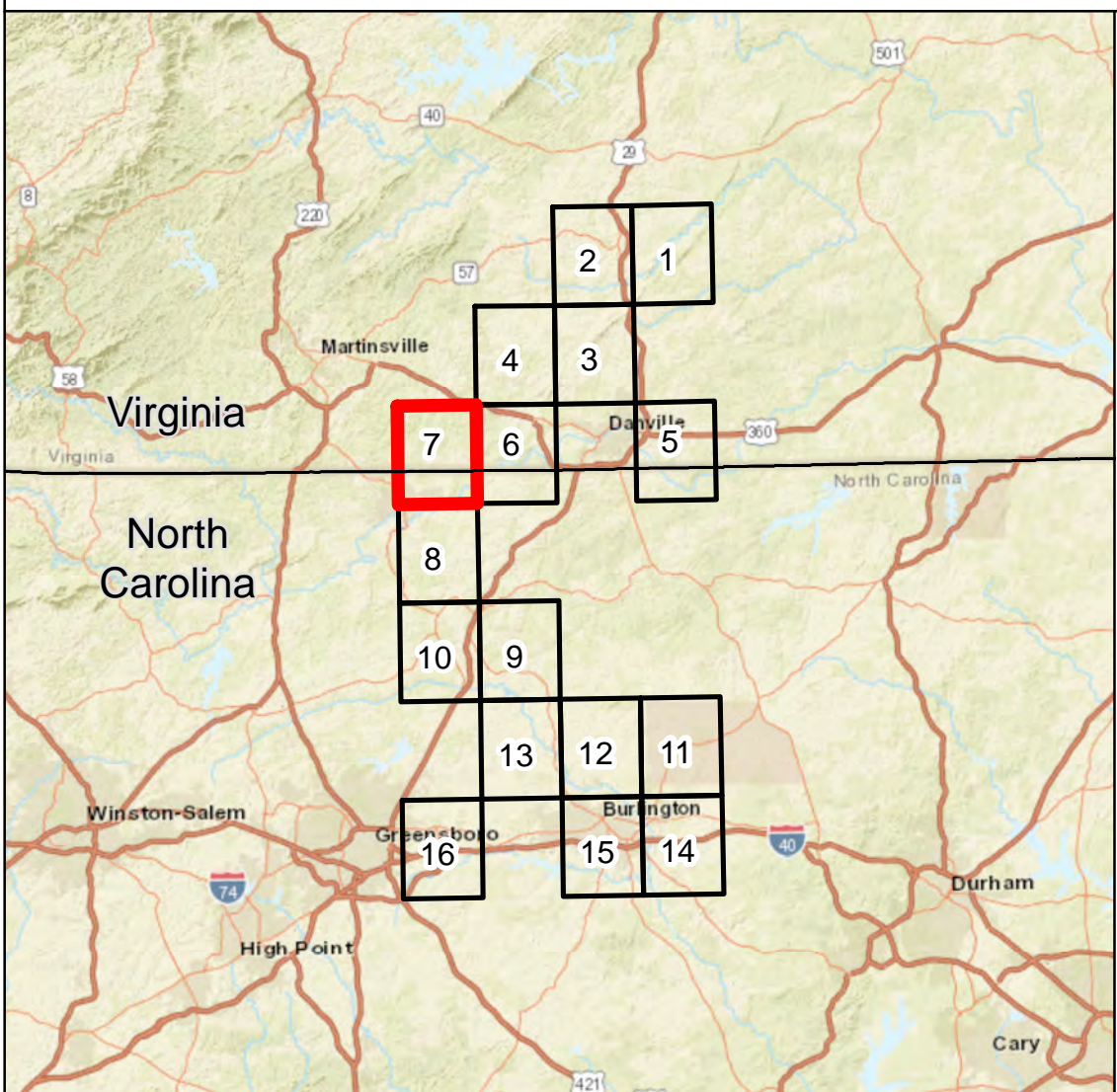
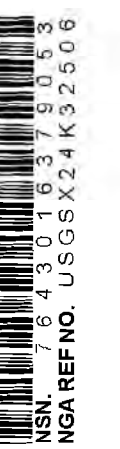
Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84), Projection and
1 000 meter grid; Universal Transverse Mercator, Zone 17E,
10 000-foot ticks; Virginia Coordinate System of 1983 (south
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Imagery.....NAP, July 2014
Roads.....U.S. Census Bureau, 2015 - 2016
Mileage.....U.S. Census Bureau, 2015 - 2016
Hydrography.....National Hydrography Dataset, 2014
Contours.....National Elevation Dataset, 2010
Boundaries.....Multiple sources; see metadata file 1972 - 2016
Wetlands.....FWS National Wetlands Inventory 1977 - 2014



CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1983
This map was produced to conform with the
National Geospatial Program US Topo Product Standards, 2011.
A metadata file associated with this product is draft version 0.6.19



NORTHEAST EDEN, NC-VA
2016



Legend

- Mileposts
- Compressor Station
- ◆ Facility Sites
- Contractor Yards
- Meter Stations
- ▲ Valve Sites
- Proposed Pipeline Route
- Access Roads
- State Boundary
- County Boundary

Data Source: EQT, TRC, ESRI, USGS



Appendix 1-B

Date: March, 26th, 2019

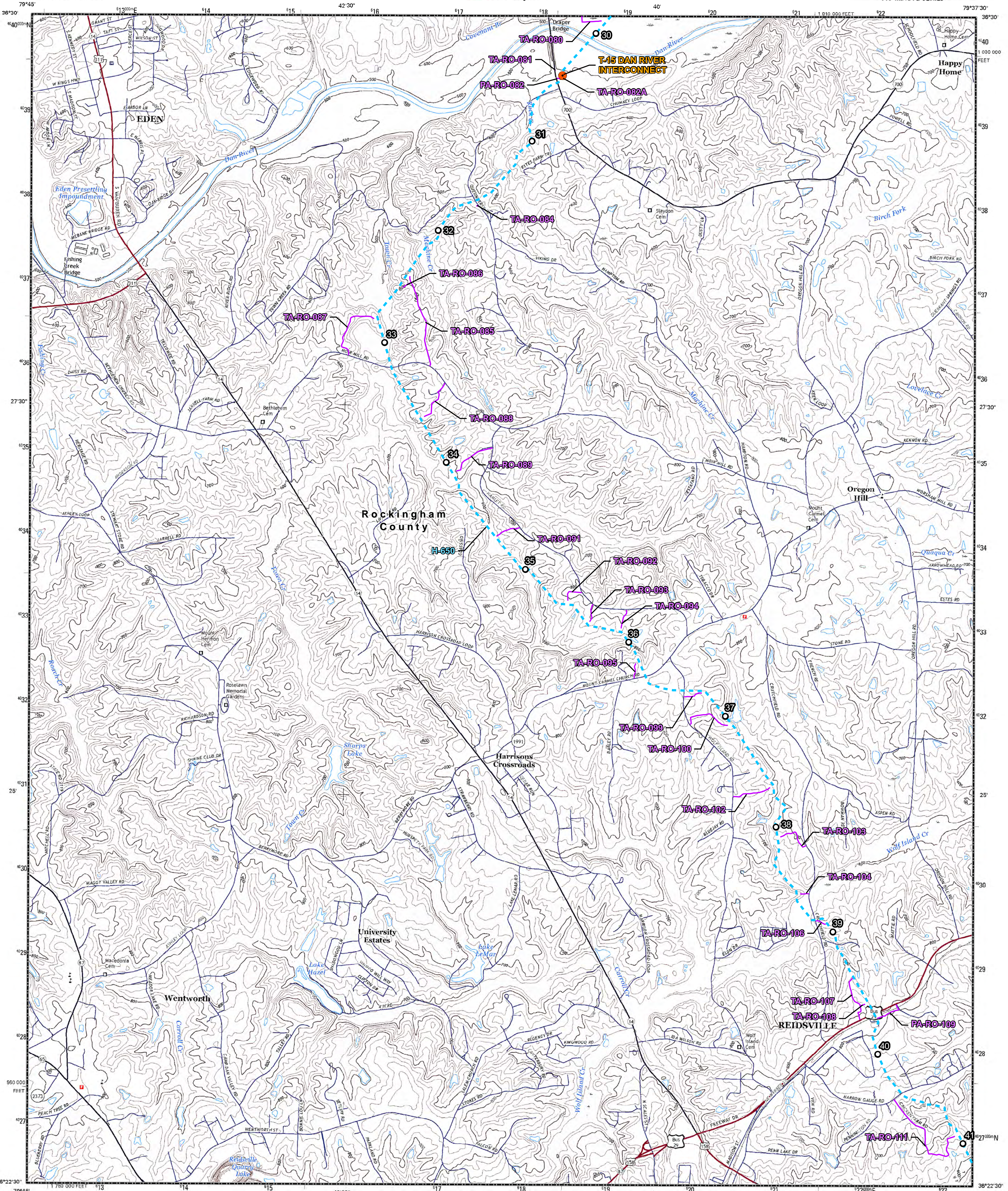
PA-RONC-H650-USGS-07

REV: P3

PAGE: 7



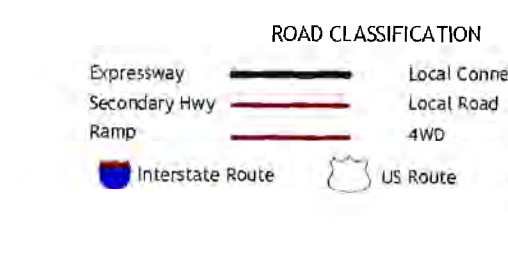
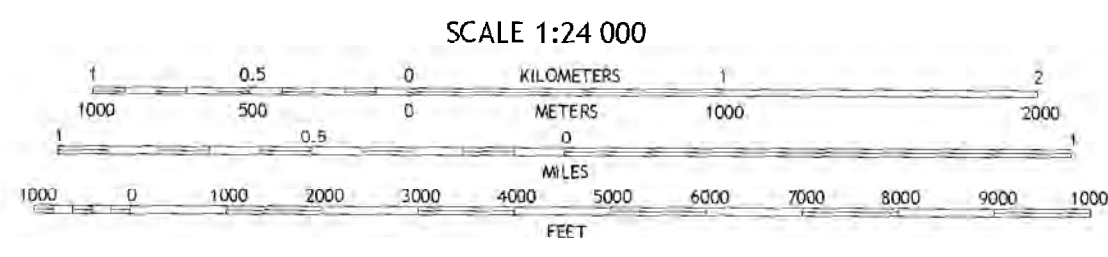
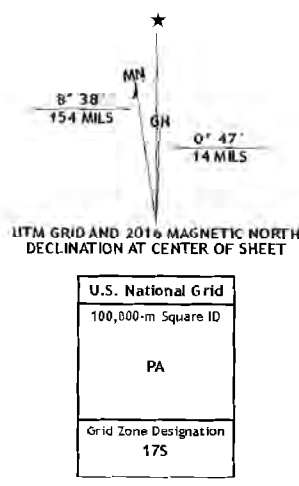
16350 Park Ten Pl Ste 101
Houston, Texas 77084



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84) Projection and
1:24,000-meter grid Universal Transverse Mercator, Zone 17S
10,000-foot ticks: North Carolina Coordinate System of 1983

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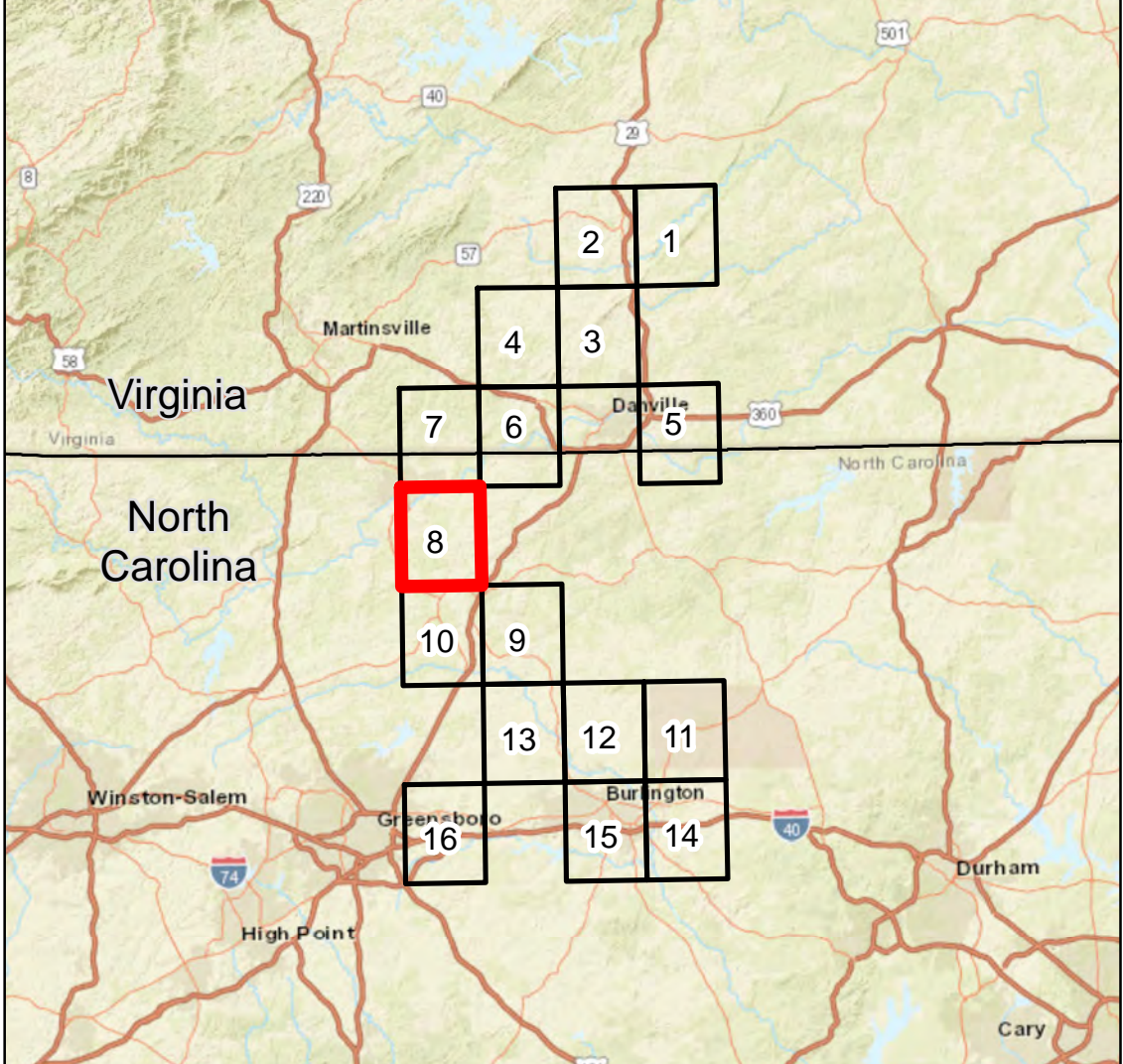
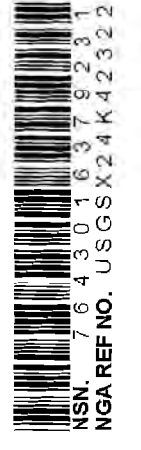
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Roads.....U.S. Census Bureau, 2015 - 2016
Names.....USGS, 2016
Hydrography.....National Hydrography Dataset, 2014
Contours.....National Elevation Dataset, 2008
Boundaries.....Multiple sources; see metadata file 1972 - 2016
Wetlands.....FWS National Wetlands Inventory 1977 - 2014



1	2	3
4	5	6
7	8	9

Northwest Eden
2 Northeast Eden
3 Braswell
4 Southwest Eden
5 Ruffin
6 Bethany
7 Finksville
8 Williamsburg

SOUTHEAST EDEN, NC
2016



- Legend**
- Mileposts
 - Compressor Station
 - ⬢ Facility Sites
 - ⬢ Contractor Yards
 - Meter Stations
 - ▲ Valve Sites
 - Proposed Pipeline Route
 - Access Roads
 - State Boundary
 - County Boundary

Data Source: EQT, TRC, ESRI, USGS



Appendix 1-B	Date: March, 26th, 2019	
PA-RONC-H650-USGS-08	REV: P3	PAGE: 8

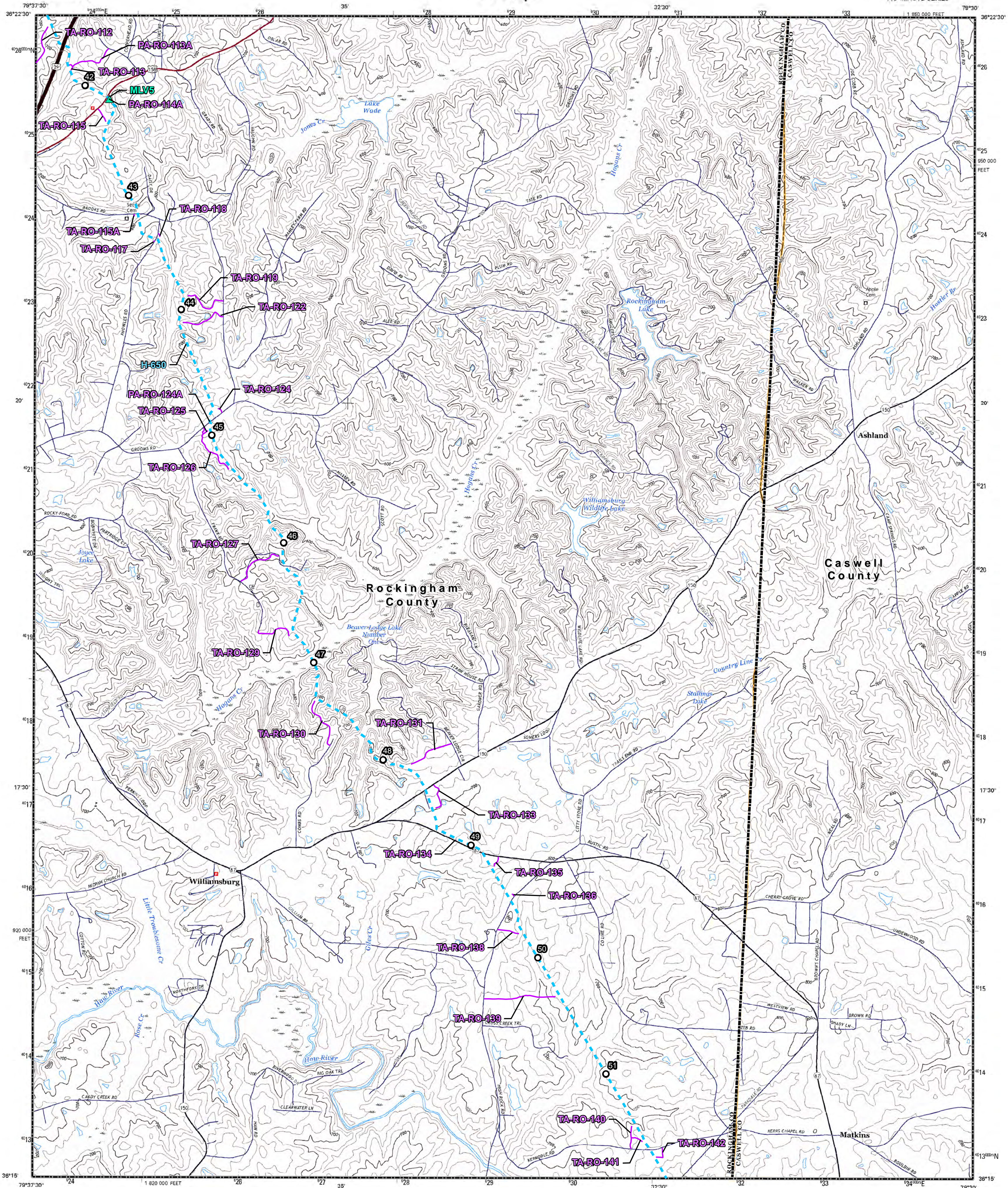




U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

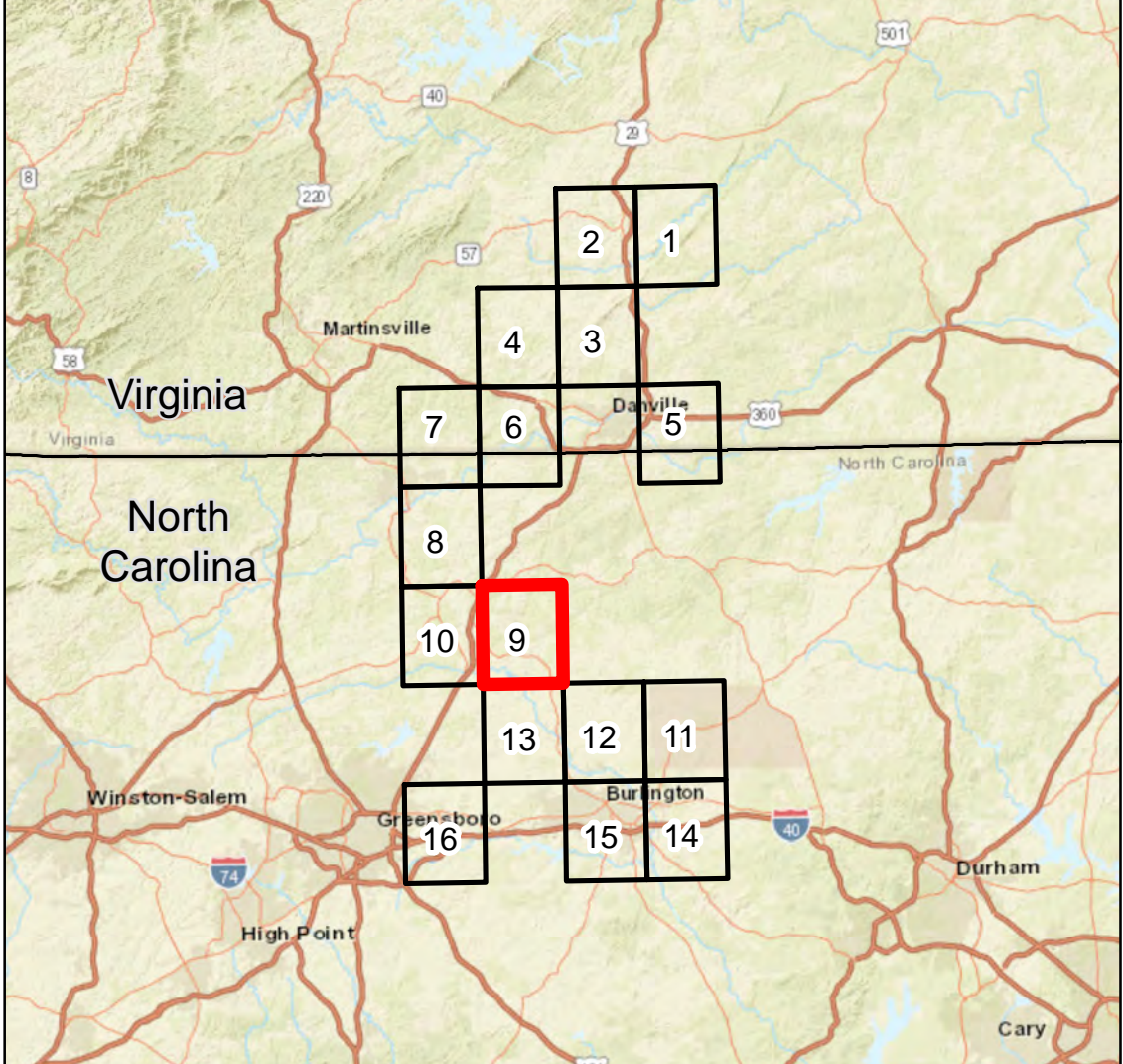
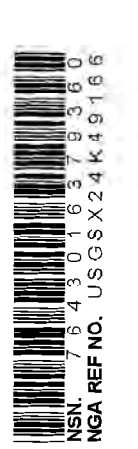
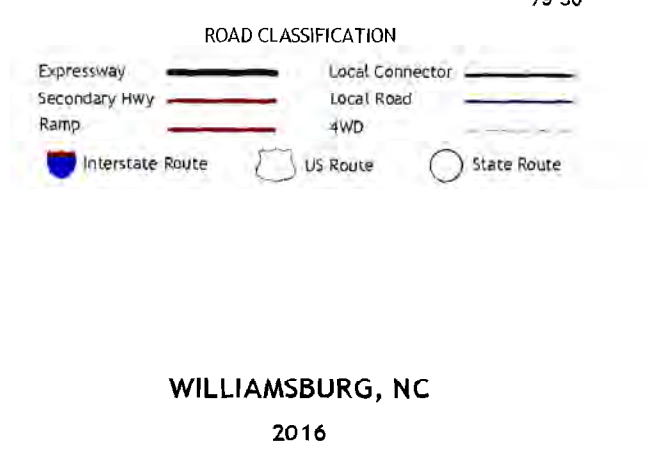
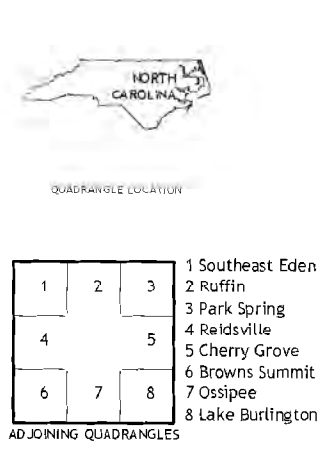
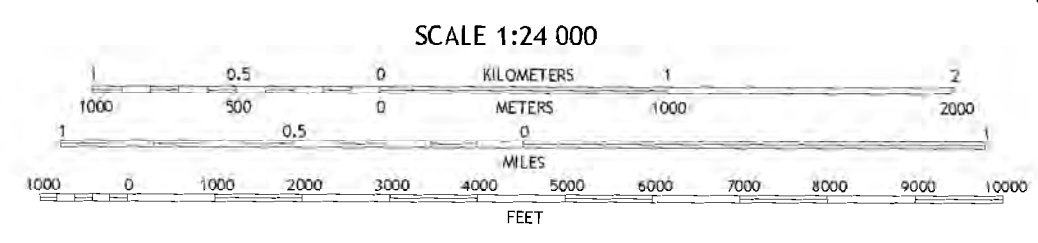
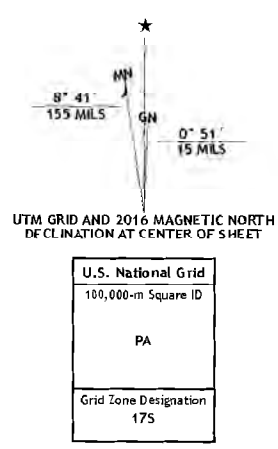


WILLIAMSBURG QUADRANGLE
NORTH CAROLINA
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1:500 meter grid: Universal Transverse Mercator, Zone 17S
19 000 foot UTM; North Carolina Coordinate System of 1983
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands with government
reservations may not be shown. Obtain permission before
entering private lands.

Map Data:
Aerial Imagery: NAIP, July 2014
Roads: U.S. Census Bureau, 2015 - 2016
Names: National Hydrography Dataset, 2014
Contours: National Elevation Dataset, 2008
Boundaries: Multiple sources; see metadata file 1972 - 2016
Wetlands: FWS National Wetlands Inventory 1977 - 2014



- Legend**
- Mileposts
 - Compressor Station
 - Facility Sites
 - Contractor Yards
 - Meter Stations
 - Valve Sites
 - Proposed Pipeline Route
 - Access Roads
 - State Boundary
 - County Boundary

Data Source: EQT, TRC, ESRI, USGS



Appendix 1-B Date: March, 26th, 2019

PA-RONC-H650-USGS-09 REV: P3 PAGE: 9



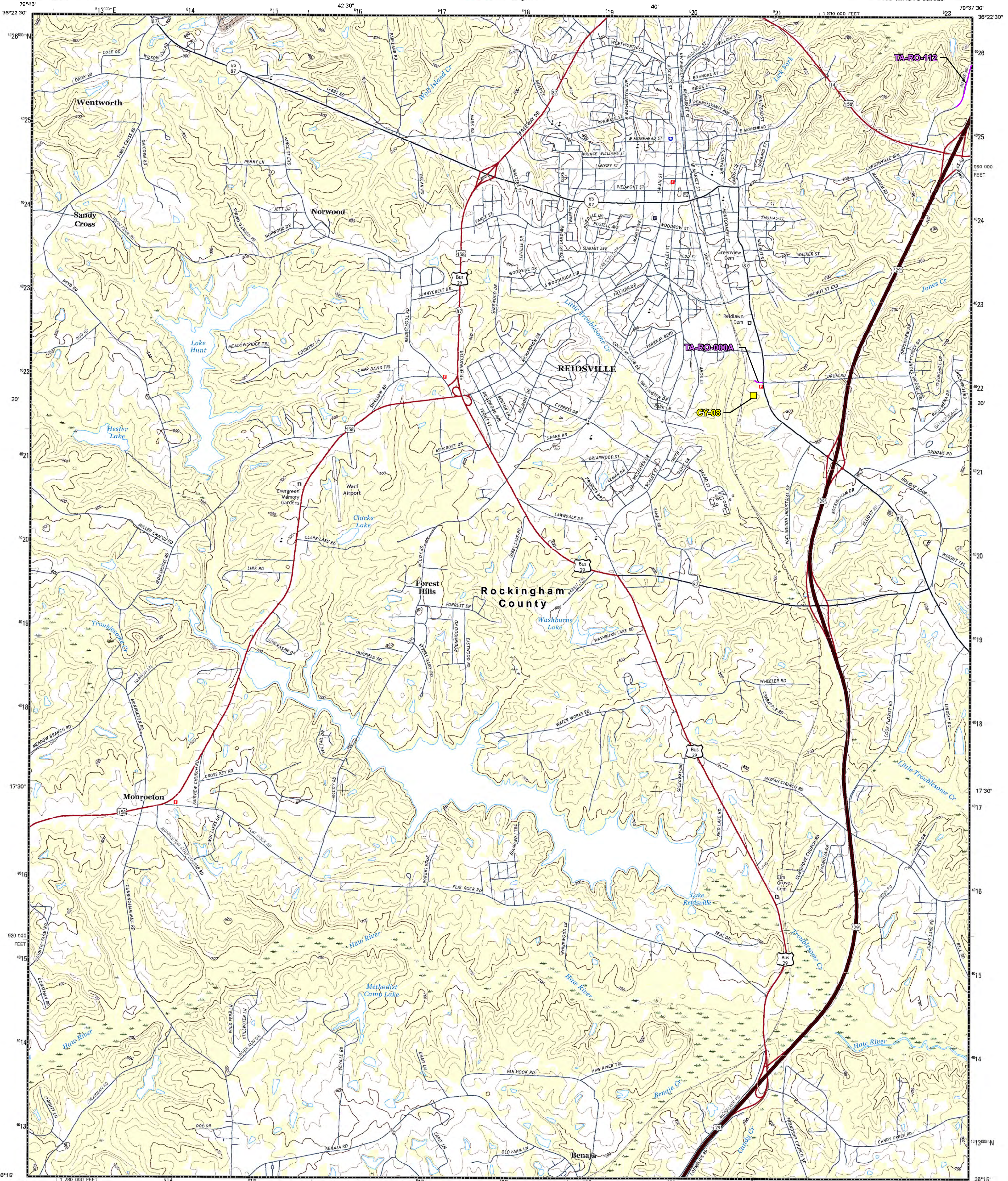
16350 Park Ten Pl Ste 101
Houston, Texas 77084



U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



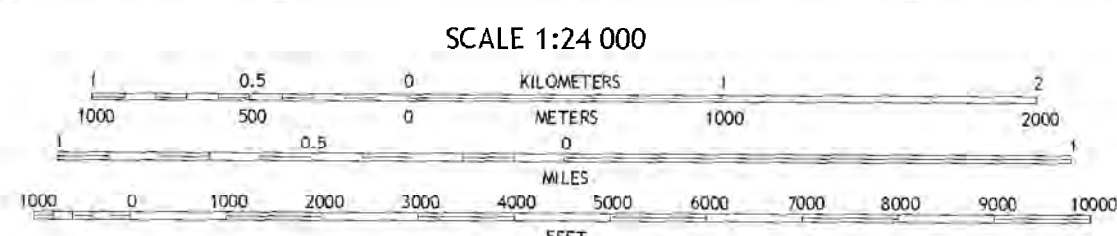
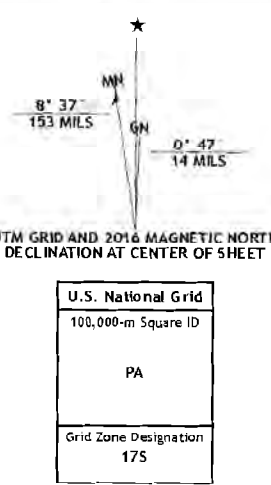
REIDSVILLE QUADRANGLE
NORTH CAROLINA-ROCKINGHAM CO.
7.5-MINUTE SERIES



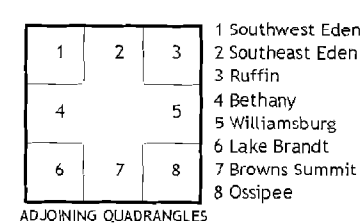
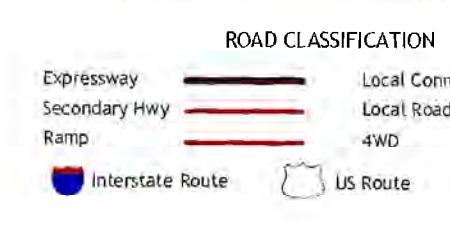
Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84), Projection and
1:250,000 scale (Universal Transverse Mercator, Zone 17S,
10 000-foot ticks; North Carolina Coordinate System of 1983)

This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.

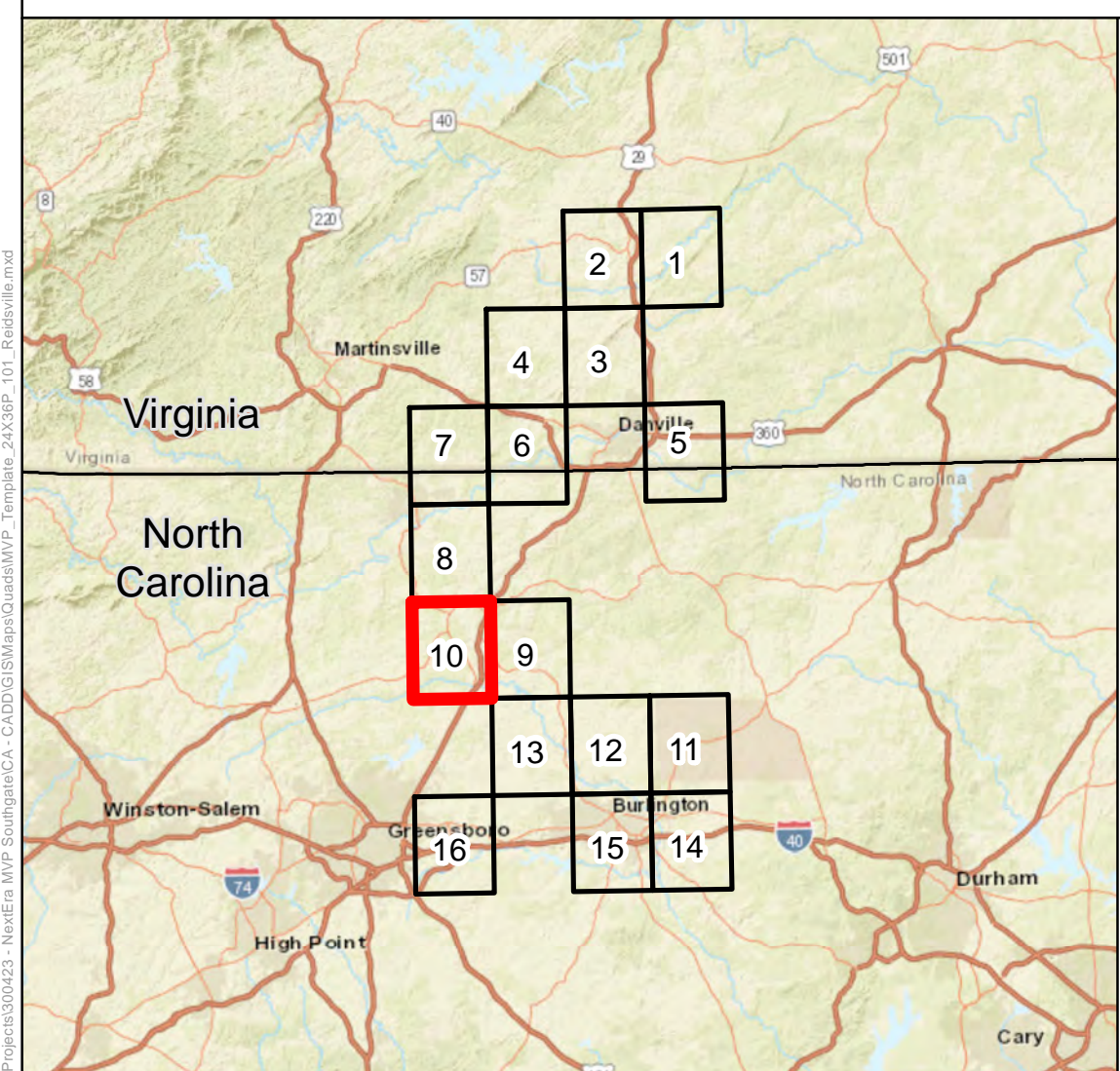
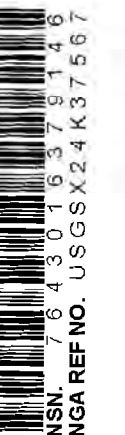
Imagery: NAIP, July 2014
Roads: U.S. Census Bureau, 2015 - 2016
Names: National Hydrography Dataset, 2014
Contours: National Elevation Dataset, 2008
Boundaries: Multiple sources; see metadata file 1972 - 2016
Wetlands: FWS National Wetlands Inventory 1977 - 2014



CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1983
This map was produced to conform with the
National Geospatial Program US Topo Product Standard, 2011.
A metadata file associated with this product is draft version 0.6.19



REIDSVILLE, NC
2016



Legend

- Mileposts
- Compressor Station
- ◆ Facility Sites
- Contractor Yards
- Meter Stations
- ▲ Valve Sites
- Proposed Pipeline Route
- Access Roads
- State Boundary
- County Boundary

Data Source: EQT, TRC, ESRI, USGS



Appendix 1-B

Date: March, 26th, 2019

PA-RONC-H650-USGS-10

REV: P3

PAGE: 10



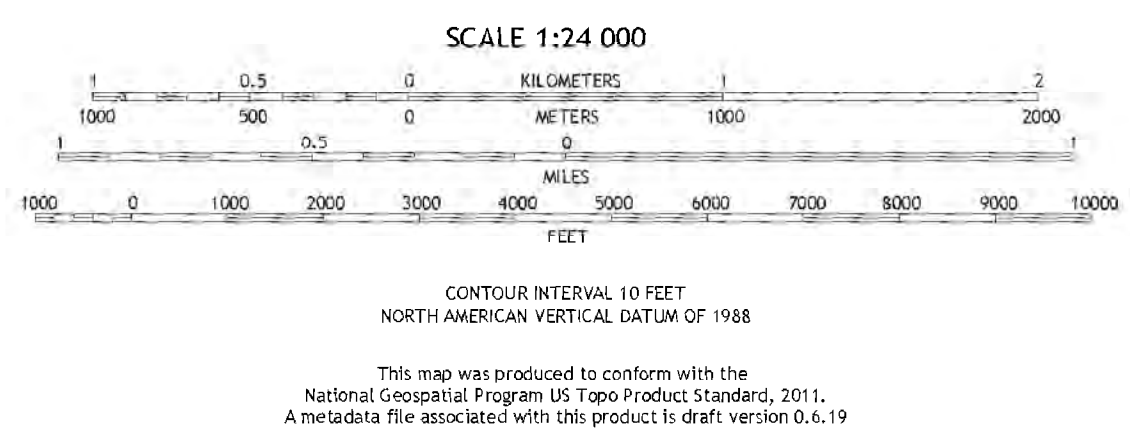
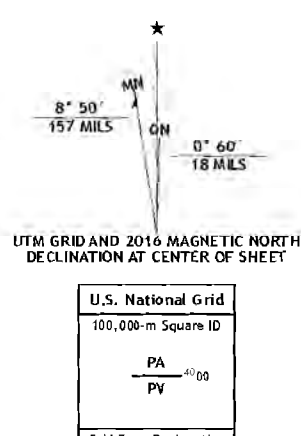
16350 Park Ten Pl Ste 101
Houston, Texas 77084



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84), Projection and
1000-meter gips Universal Transverse Mercator, Zone 17S
10 000-foot ticks: North Carolina Coordinate System of 1983

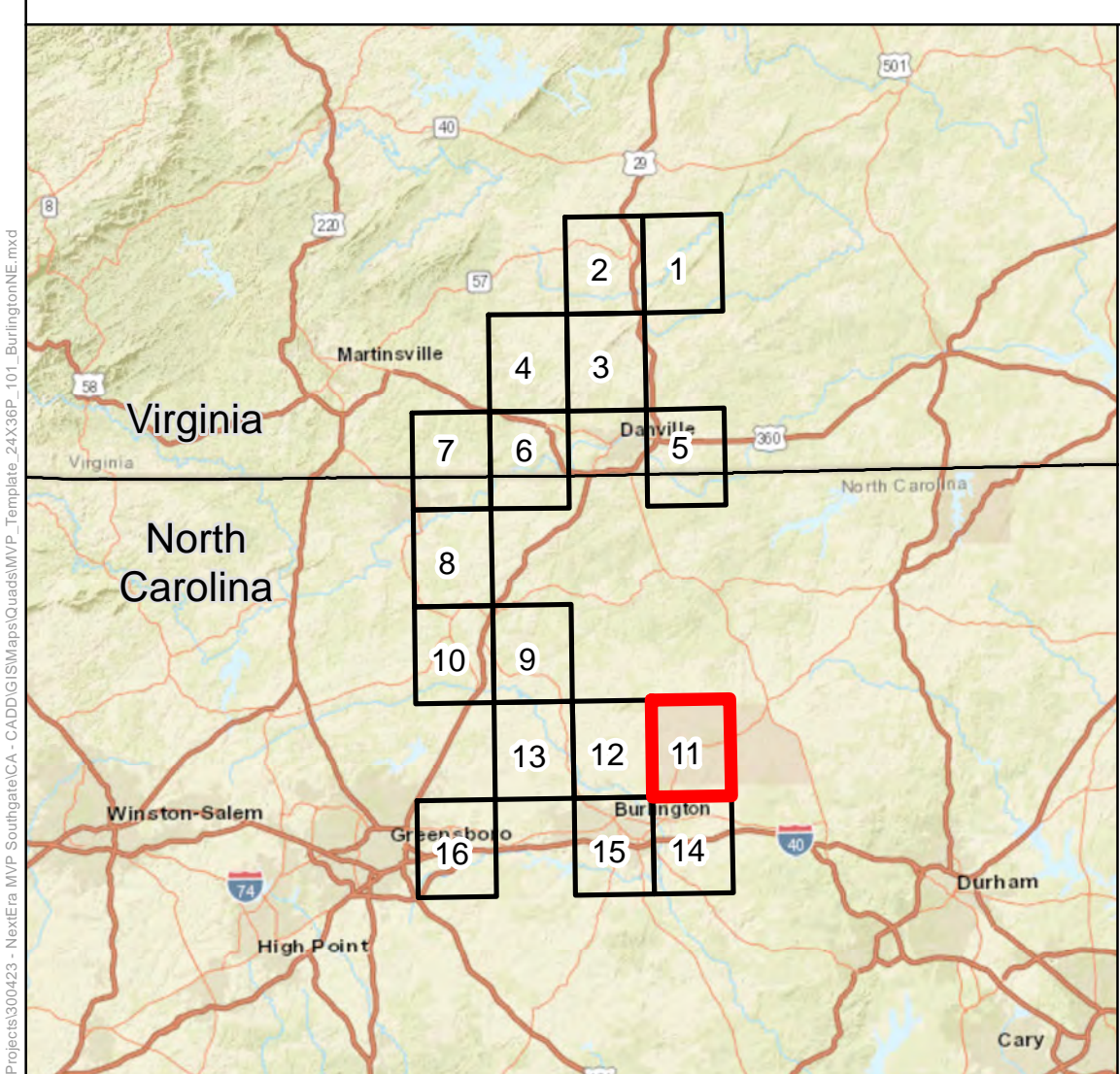
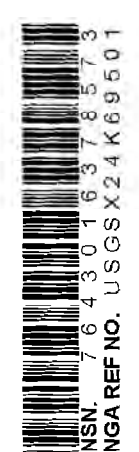
This map is not a legal document. Boundaries may be
generated for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.

Imagery.....NAP, June 2014
Roads.....U.S. Census Bureau, 2015 - 2016
Names.....GNIS, 2016
Hydrography.....National Hydrography Dataset, 2016
Contours.....National Elevation Dataset, 2008
Boundaries.....Multiple sources; see metadata file 1972 - 2016
Wetlands.....FWS National Wetlands Inventory 1977 - 2014



1	2	3	1 Cherry Grove
2	3	4	2 Anderson
3	4	5	3 Ridgeville
4	5	6	4 Lake Burlington
5	6	7	5 Cedar Grove
6	7	8	6 Burlington
7	8		7 Mebane
8			8 Efland

BURLINGTON NE, NC
2016



Legend

- Mileposts
- Compressor Station
- Facility Sites
- Contractor Yards
- Meter Stations
- Valve Sites
- Proposed Pipeline Route
- Access Roads
- State Boundary
- County Boundary

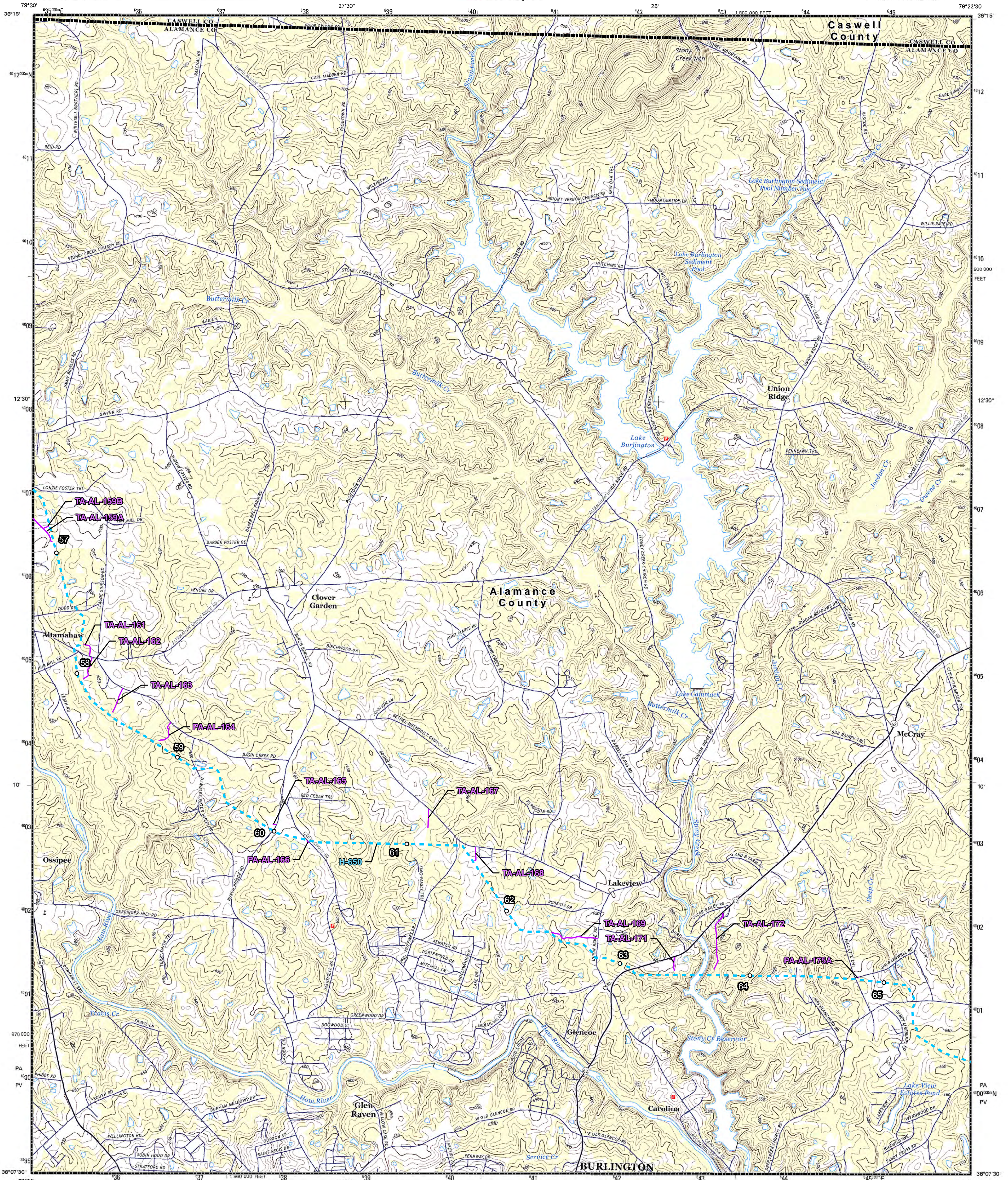
Data Source: EQT, TRC, ESRI, USGS

Mountain Valley PIPELINE LLC

Appendix 1-B Date: March, 26th, 2019

PA-ALNC-H650-USGS-11 REV: P3 PAGE: 11

TRC Results you can rely on
16350 Park Ten Pl Ste 101
Houston, Texas 77084

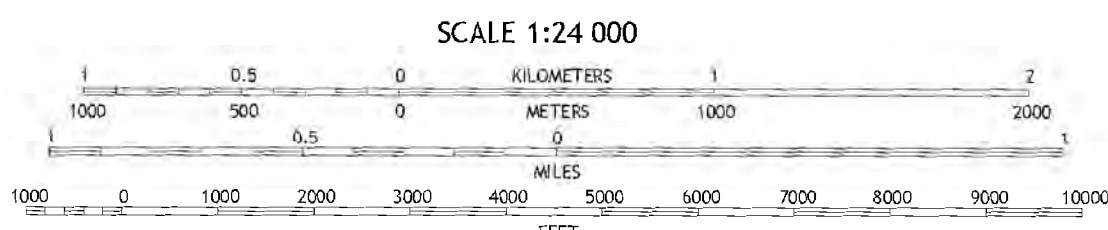
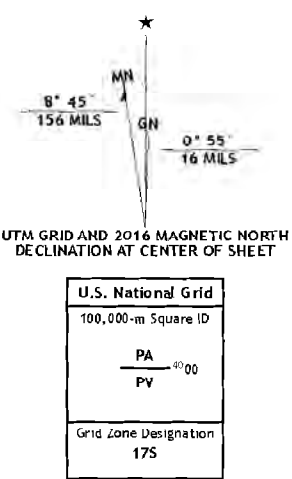


Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84) Projection and
1:000-meter grid: Universal Transverse Mercator, Zone 17
10,000-foot ticks: North Carolina Coordinate System of 1983

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

Imagery:.....NAIP, August 2014
Roads:.....U.S. Census Bureau, 2015-2016
Names:.....GNIS, 2016
Hydrography:.....National Hydrography Dataset, 2014
Contours:.....National Elevation Dataset, 2008
Boundaries:.....Multiple sources; see metadata file 1972_2016

Wetlands:.....FWS National Wetlands Inventory 1977 - 2014



ROAD CLASSIFICATION

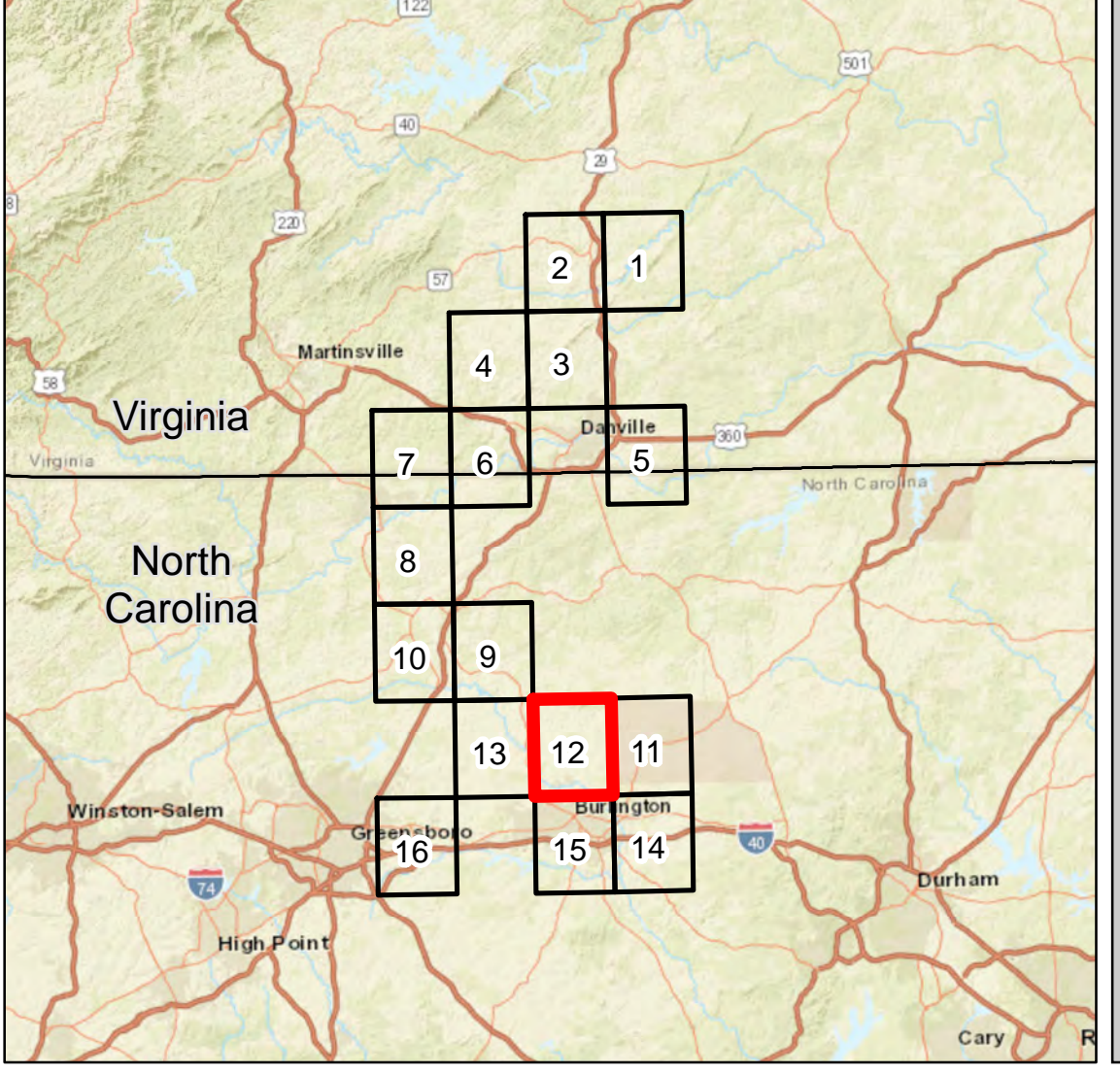
- Expressway
- Secondary Hwy
- Ramp
- Interstate Route
- Local Connector
- Local Road
- 4WD
- US Route
- State Route

ADJOINING QUADRANGLES

1	2	3
4	5	6
7	8	9

1 Williamsburg
2 Cherry Grove
3 Anderson
4 Outlaw
5 Burlington NE
6 Gibsonville
7 Burlington
8 Wehabe

LAKE BURLINGTON, NC
2016



Legend

- Mileposts
- Compressor Station
- Facility Sites
- Contractor Yards
- Meter Stations
- Valve Sites
- Proposed Pipeline Route
- Access Roads
- State Boundary
- County Boundary

Data Source: ESRI, USGS, TRC, EQT

Mountain Valley PIPELINE LLC

Appendix 1-B Date: March, 26th, 2019

PA-ALNC-H650-USGS-12 REV: P3 PAGE: 12

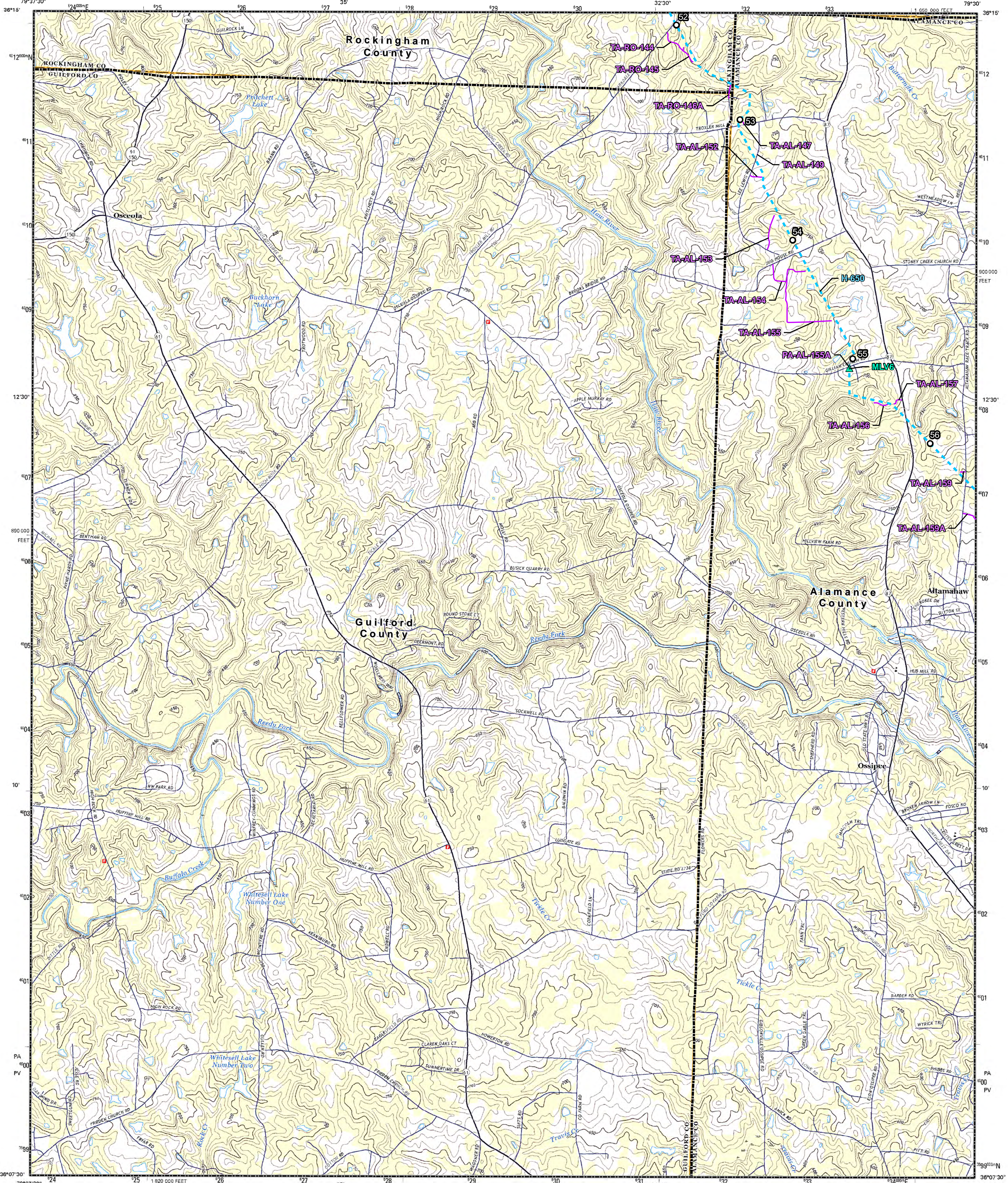
TRC Results you can rely on
16350 Park Ten Pl Ste 101
Houston, Texas 77084



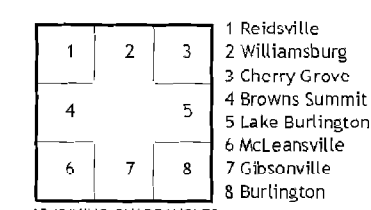
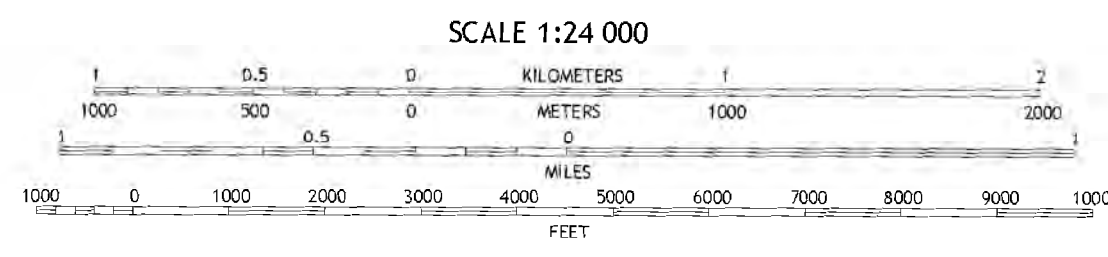
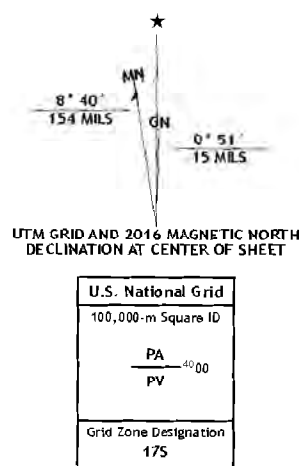
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



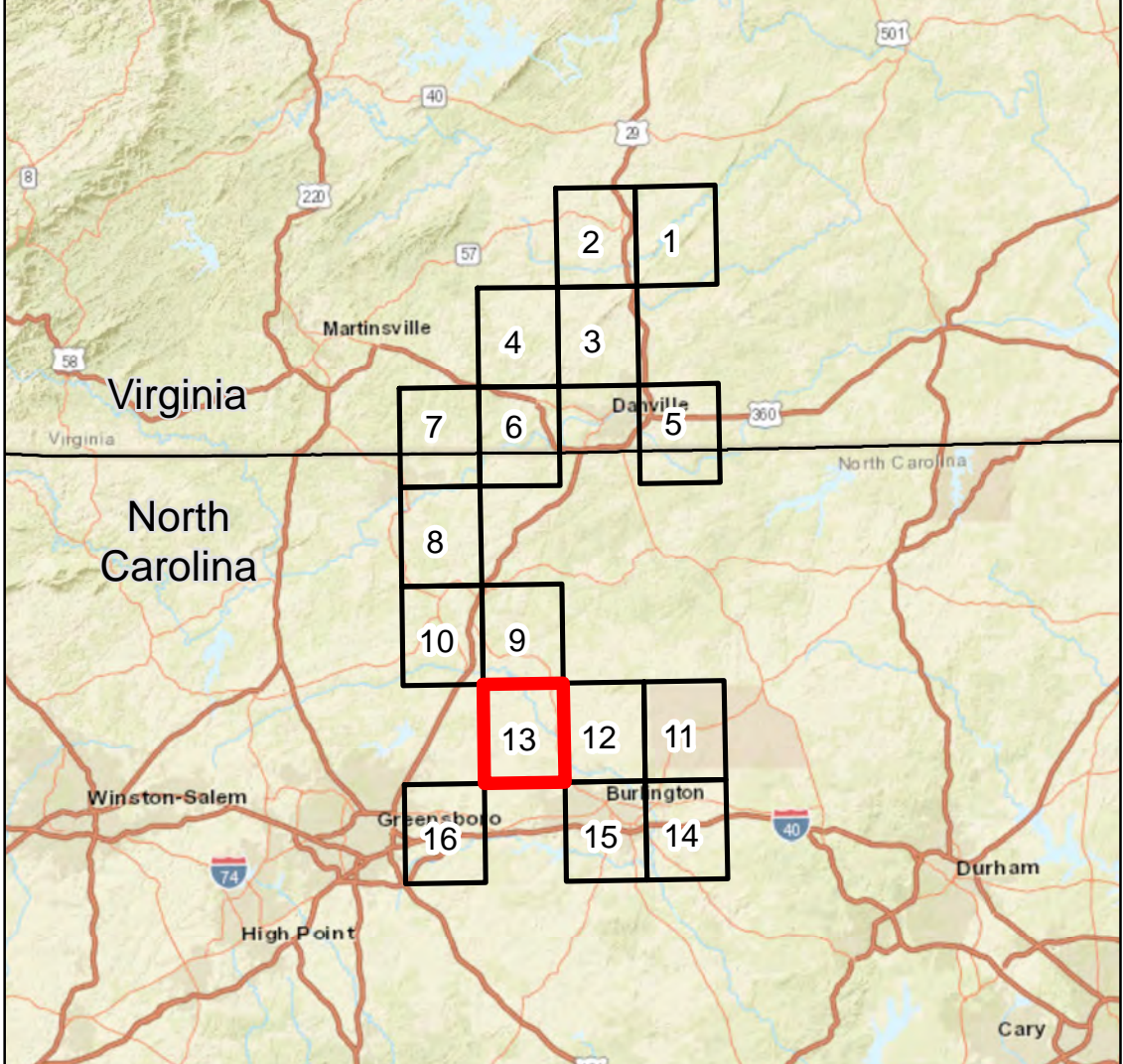
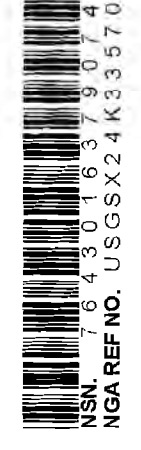
OSSIPEE QUADRANGLE
NORTH CAROLINA
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84), Projection and
1:250,000 scale grid. Traverse Resistor, Zone 17S
10,000-foot ticks: North Carolina Coordinate System of 1983
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.
Imagery:.....NAP, July 2014
Roads:.....U.S. Census Bureau, 2013 - 2016
Names:.....National Hydrography Dataset, 2014
Contours:.....National Elevation Dataset, 2008
Boundaries:.....Multiple sources; see metadata file 1972 - 2016
Wetlands:.....FWS National Wetlands Inventory 1977 - 2014



OSSIPEE, NC
2016



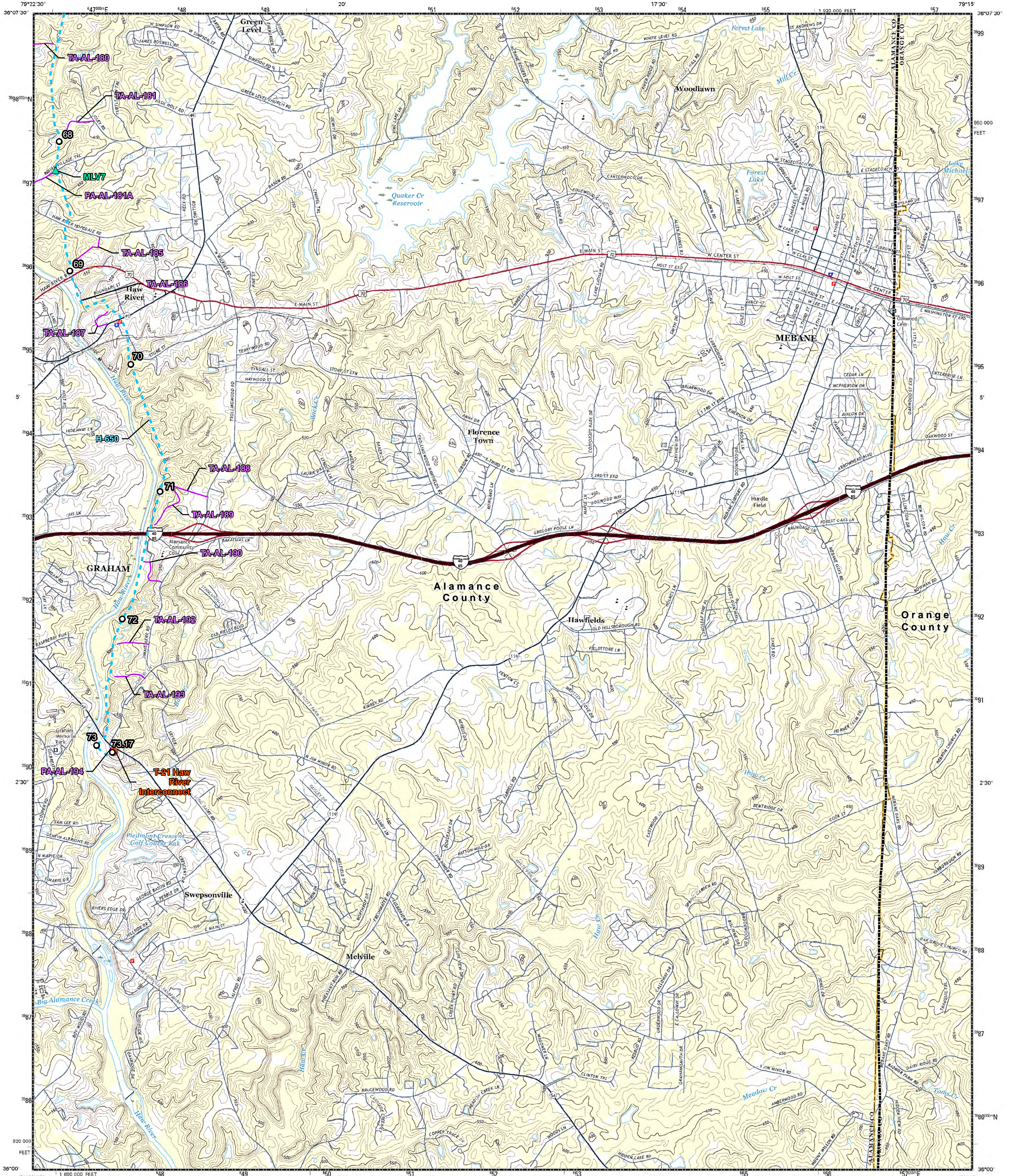
- Legend**
- Mileposts
 - Compressor Station
 - ◆ Facility Sites
 - Contractor Yards
 - Meter Stations
 - ▲ Valve Sites
 - Proposed Pipeline Route
 - Access Roads
 - State Boundary
 - County Boundary

Data Source: EQT, TRC, ESRI, USGS, NWI

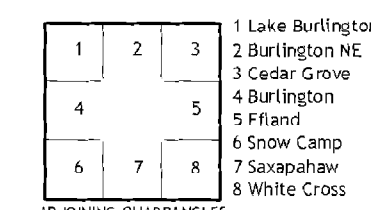
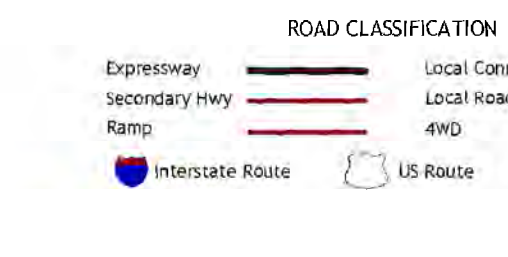
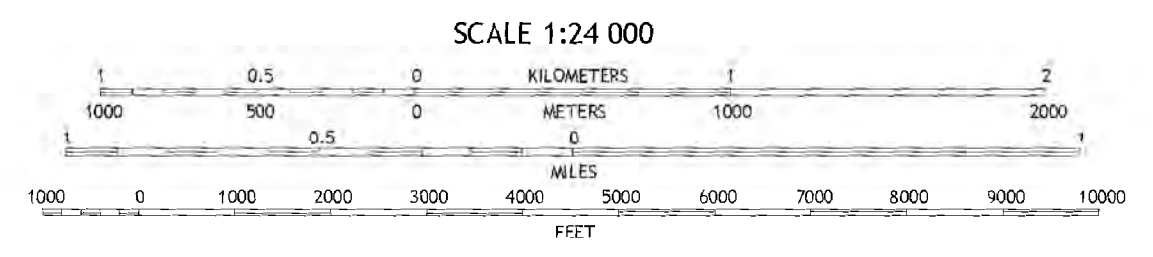
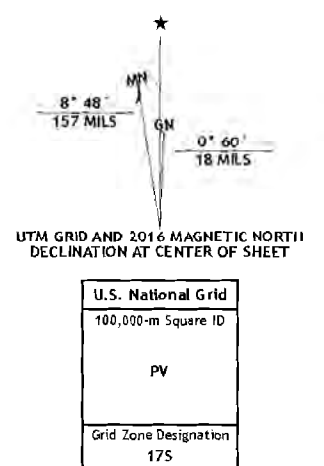


Appendix 2-J	Date: March, 26th, 2019	
PA-ALNC-H650-USGS-13	REV: P3	PAGE: 13

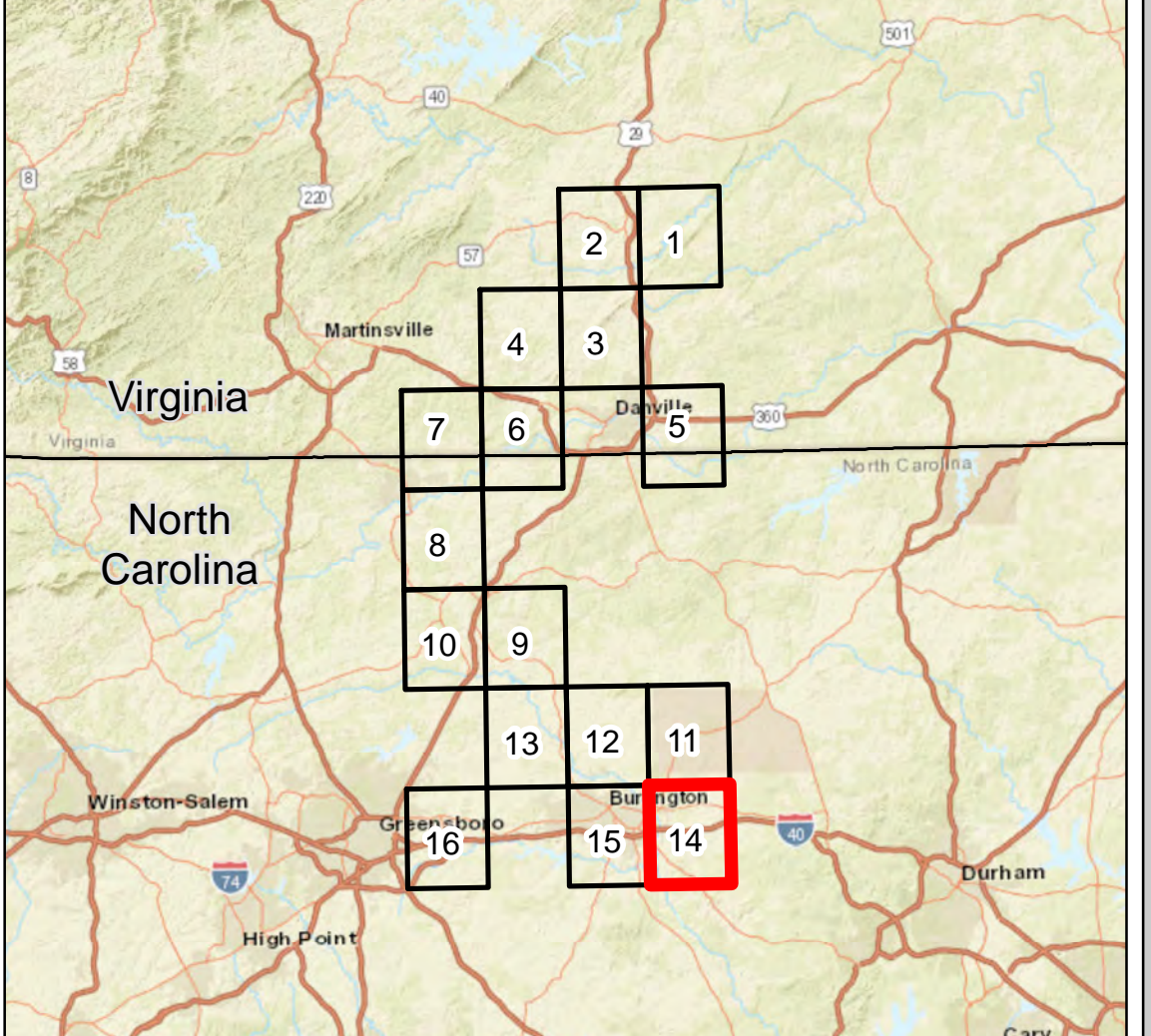




Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84) Projection and
1:100,000 scale grid Universal Transverse Mercator Zone 17S
10,000-foot ticks: North Carolina Coordinate System of 1983
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.
Imagery: NAIP, June 2014
Roads: U.S. Census Bureau, 2015 - 2016
Names: CNV, 2016
Hydrography: National Hydrography Dataset, 2014
Contours: National Elevation Dataset, 2008
Boundaries: Multiple sources see metadata file 1972 - 2016
Wetlands: FWS National Wetlands Inventory 1977 - 2014



MEBANE, NC
2016
NSN 7540-01-000-9001
USGS X 4 K 2 6 0 1
NGA REF NO.



Legend

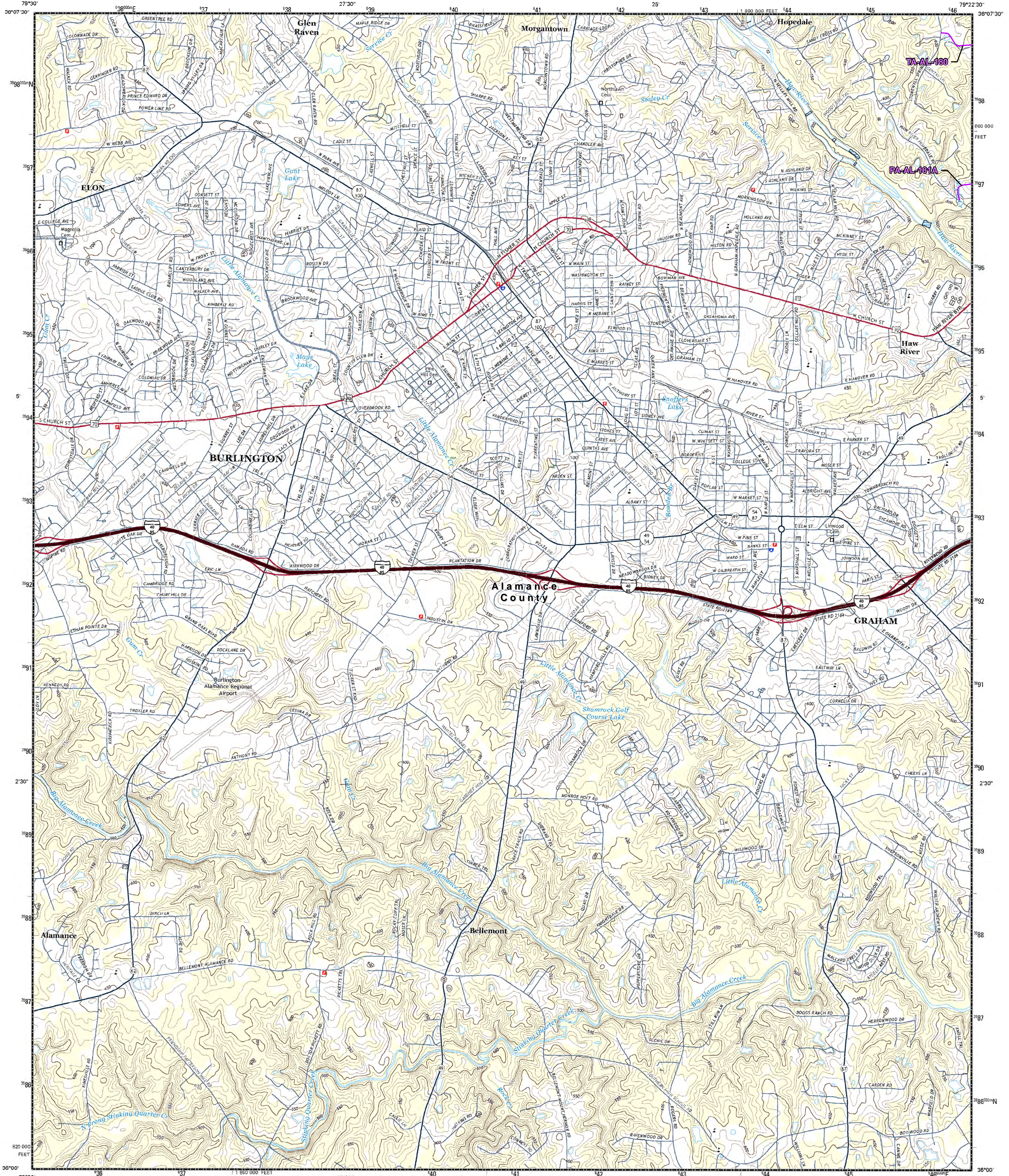
- Mileposts
- Compressor Station
- Facility Sites
- Contractor Yards
- Meter Stations
- Valve Sites
- Proposed Pipeline Route
- Access Roads
- State Boundary
- County Boundary

Data Source: EQT, TRC, ESRI, USGS

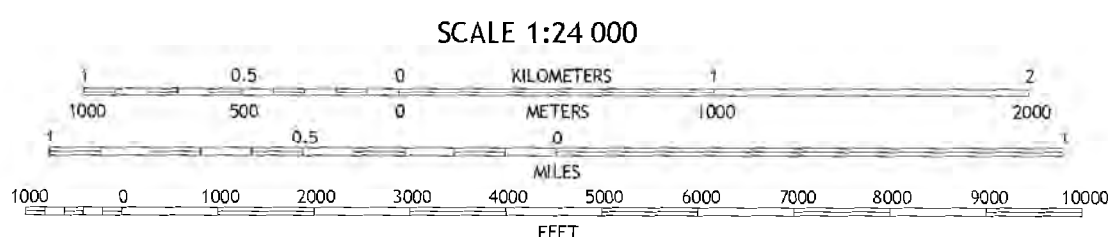
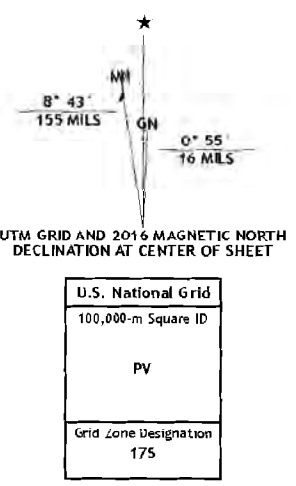
Mountain Valley PIPELINE LLC

Appendix 1-B	Date: March, 26th, 2019
PA-ALNC-H650-USGS-14	REV: P3 PAGE: 14

TRC Results you can rely on
16350 Park Ten PI Ste 101
Houston, Texas 77084



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84) Projection and
1:250,000 scale Universal Transverse Mercator, Zone 17S
10,000-foot ticks: North Carolina Coordinate System of 1983
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.
Imagery.....NAIP, August 2014
Roads.....U.S. Census Bureau, 2015
National Grid.....GNS, 2016
Hydrography.....National Hydrography Dataset, 2014
Contours.....National Elevation Dataset, 2008
Boundaries.....Multiple sources; see metadata file 1972_2016
Wetlands.....FWS National Wetlands Inventory 1977 - 2014



ROAD CLASSIFICATION

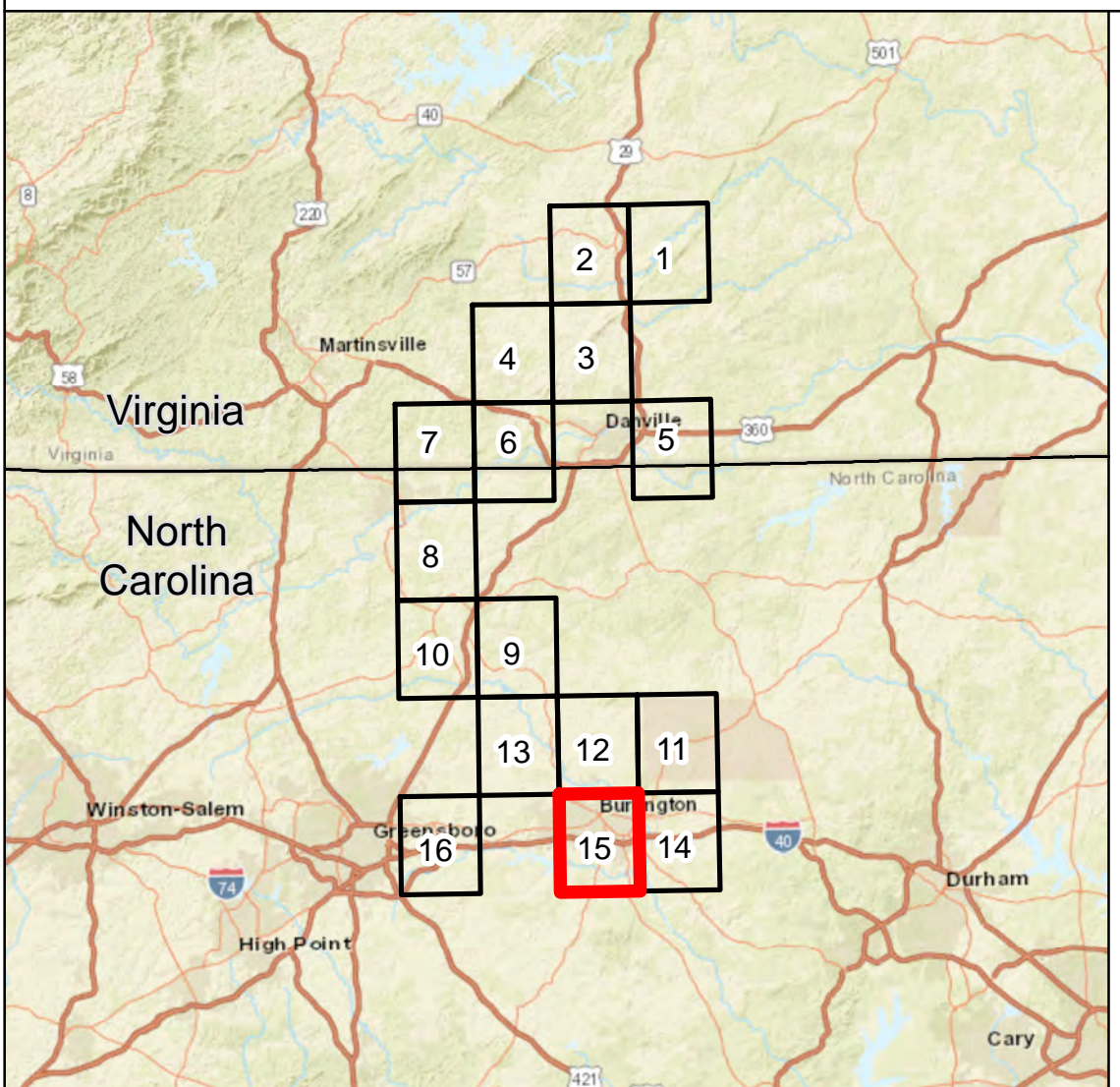
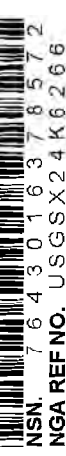
Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	4WD
Interstate Route	US Route
	State Route

ADJOINING QUADRANGLES

1	2	3
4	5	6
7	8	9

1 Odessa
2 Lake Burlington
3 Burlington NE
4 Gibsonville
5 Mebane
6 Kimsesville
7 Snow Camp
8 Saxapahaw

BURLINGTON, NC
2016



- Legend**
- Mileposts
 - Compressor Station
 - Facility Sites
 - Contractor Yards
 - Meter Stations
 - Valve Sites
 - Proposed Pipeline Route
 - Access Roads
 - State Boundary
 - County Boundary

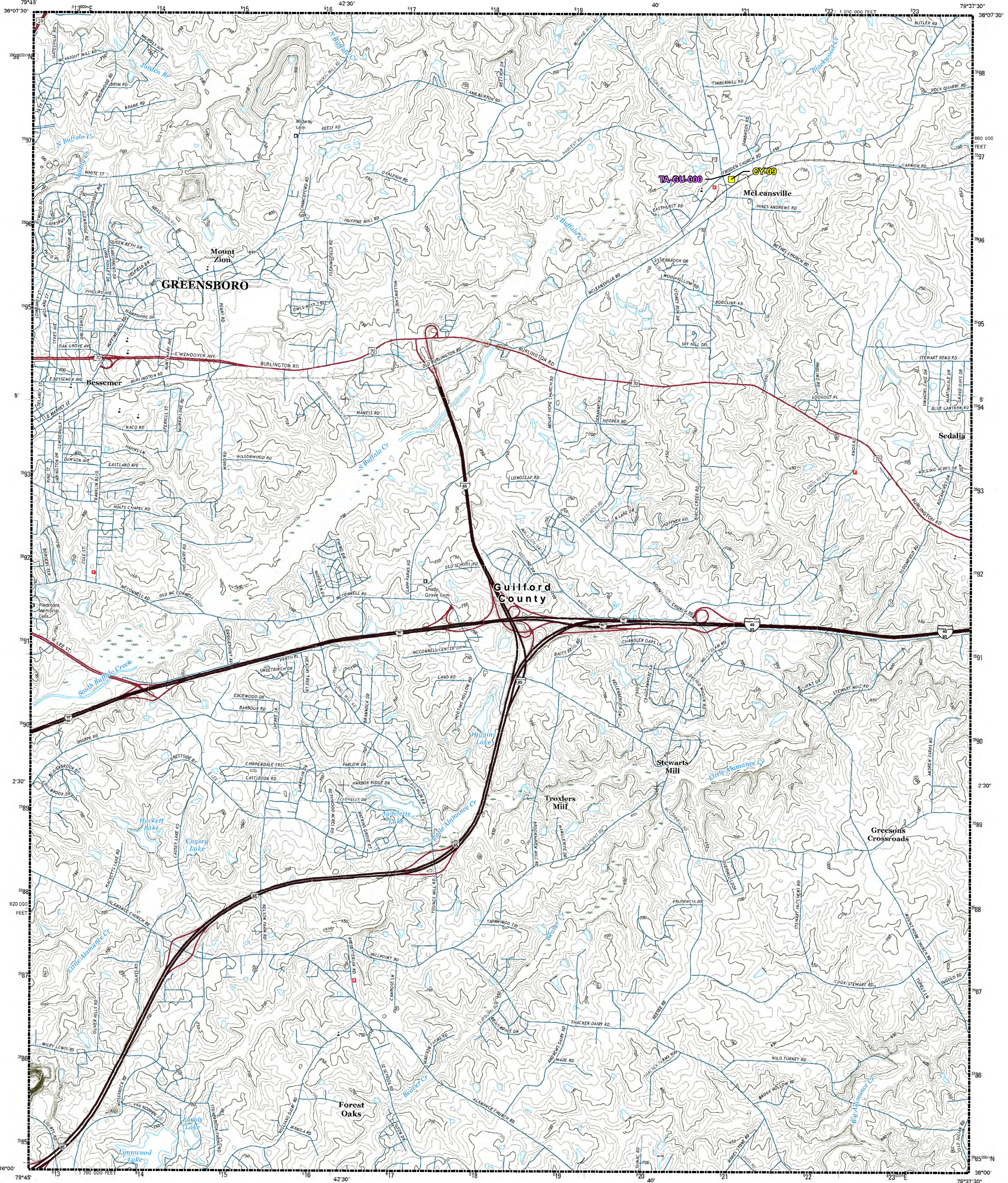
Data Source: EQT, TRC, ESRI, USGS

Mountain Valley
PIPELINE LLC

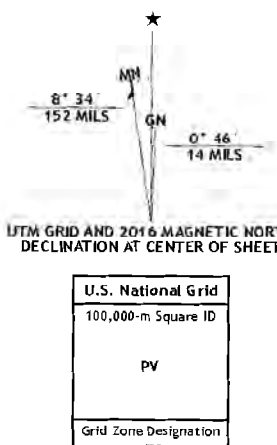
Appendix 1-B	Date: March, 26th, 2019	
PA-ALNC-H650-USGS-15	REV: P3	PAGE: 15

TRC
Results you can rely on

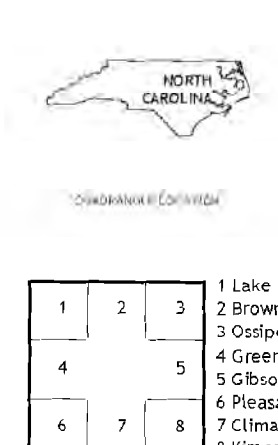
16350 Park Ten PI Ste 101
Houston, Texas 77084



Produced by the United States Geological Survey
 National Geospatial Data Base (NGDB)
 World Geodetic System of 1984 (WGS84) Projection and
 1:000 meter grid; Lambertian Transverse Mercator, Zone 17S
 10,000-foot ticks; North Carolina Coordinate System of 1983
 This map is not a legal document. Boundaries may be
 generalized for this map scale. Private lands within government
 reservations may not be shown, obtain permission before
 entering private lands.
 Imagery:.....NAP, July 2014
 Roads:.....U.S. Census Bureau, 2015 - 2016
 National Hydrography Dataset (NHD), 2016
 Hydrography:.....National Hydrography Dataset, 2014
 Contours:.....National Elevation Dataset, 2008
 Boundaries:.....Multiple sources; see metadata file 1972 - 2016
 Wetlands:.....FWS National Wetlands Inventory 1977 - 2014



CONTOUR INTERVAL 10 FEET
 NORTH AMERICAN VERTICAL DATUM OF 1988
 This map was produced to conform with the
 National Geospatial Program US Topo Product Standards, 2015.
 A metadata file associated with this product is draft version 0.6.19



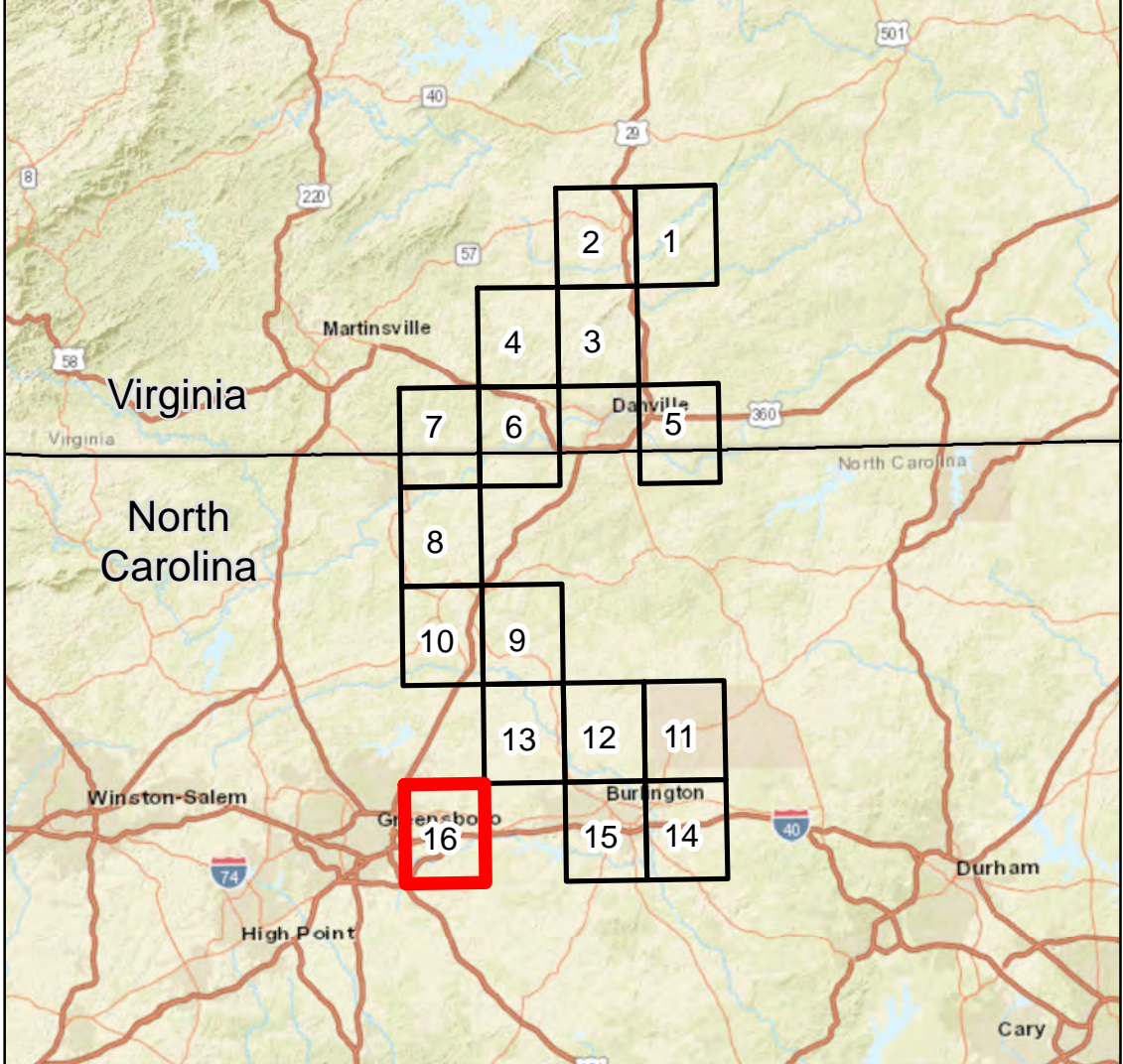
ROAD CLASSIFICATION

Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	4WD
Interstate Route	US Route
	State Route

1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

MCLEANSVILLE, NC
 2016



Legend

○ Mileposts	----- Proposed Pipeline Route
● Compressor Station	----- Access Roads
◆ Facility Sites	□ State Boundary
■ Contractor Yards	□ County Boundary
● Meter Stations	
▲ Valve Sites	

Data Source: EQT, TRC, ESRI, USGS

Mountain Valley PIPELINE LLC

Appendix 1-B	Date: March, 26th, 2019	
PA-GUNC-H650-USGS-16	REV: P3	PAGE: 16

TRC Results you can rely on
 16350 Park Ten Pl Ste 101
 Houston, Texas 77084