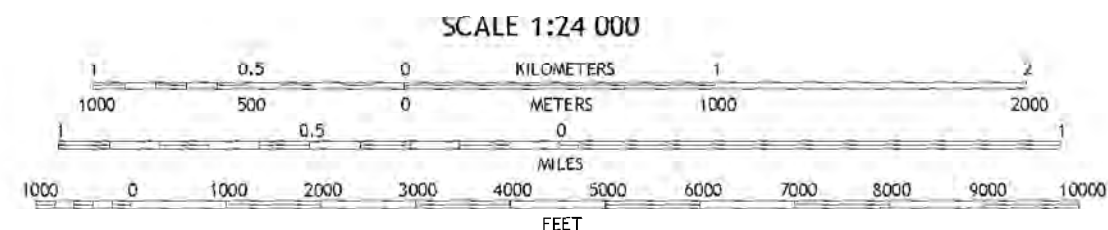
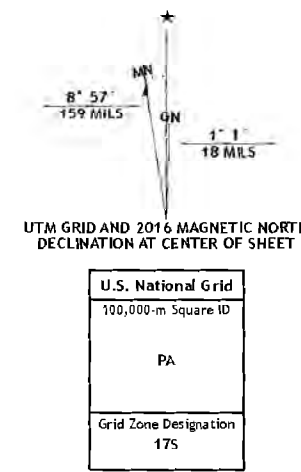


Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1,000-meter grid: Universal Transverse Mercator, Zone 17E
10,000-foot grid: Virginia Coordinate System of 1983 (south
zone)

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.

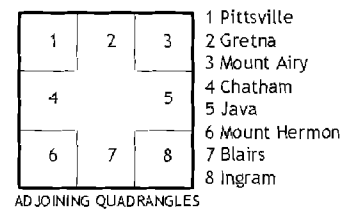
Imagery:.....NAIP, July 2014
Roads:.....U.S. Census Bureau, 2015
Name:.....GNIS, 2016
Hydrography:.....National Hydrography Dataset, 2014
Contours:.....National Elevation Dataset, 2008
Boundaries:.....Multiple sources; see metadata file 1972_2016

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

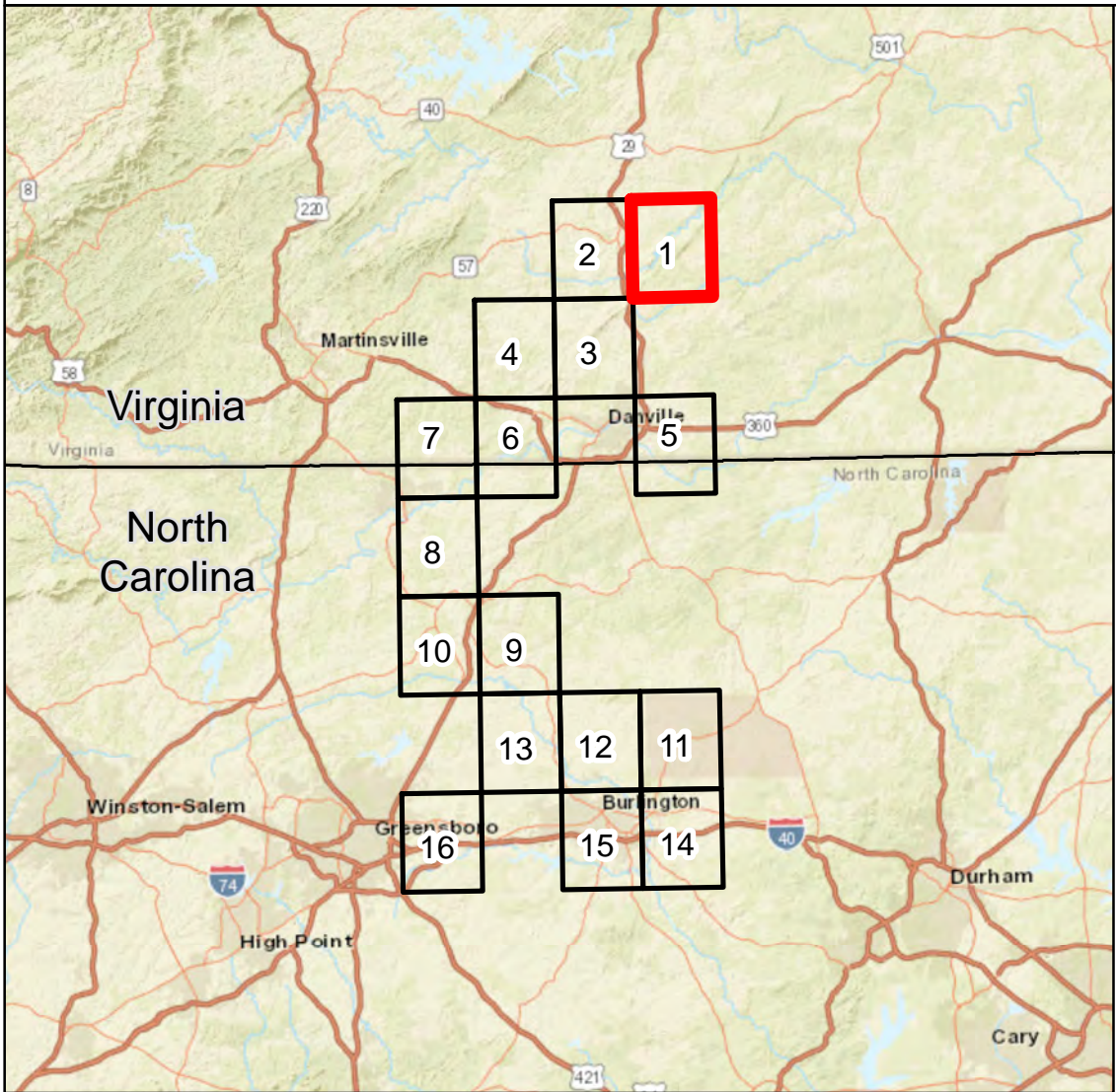


CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the
National Geospatial Program US Topo Product Standard, 2011.
A metadata file associates with this product is draft version 0.6.19



SPRING GARDEN, VA
2016



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

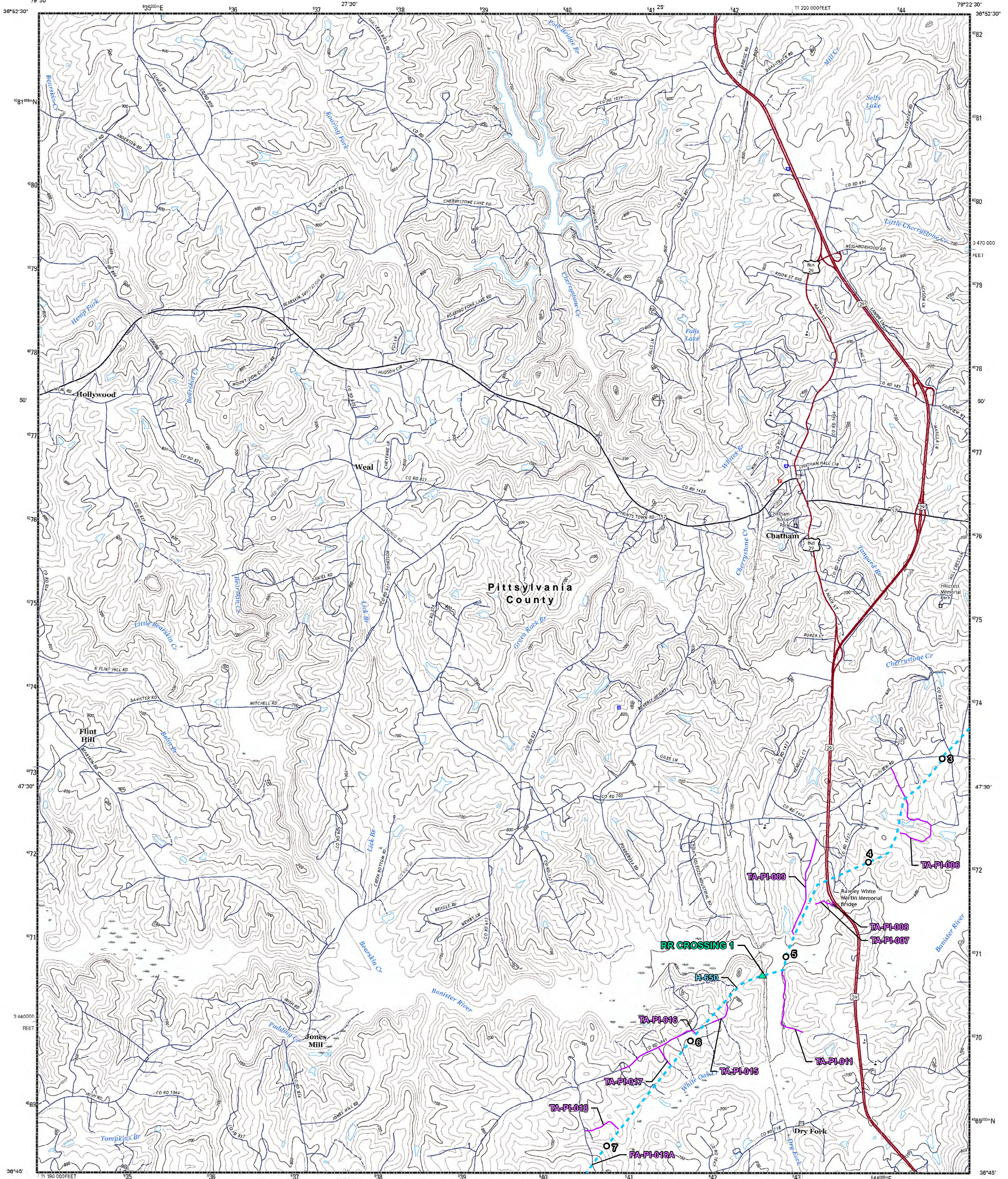
Data Source: EQT, TRC, ESRI, USGS



Appendix 1-B Date: November 2nd, 2018

PA-PIVA-H650-USGS-01 REV: P2 PAGE: 1

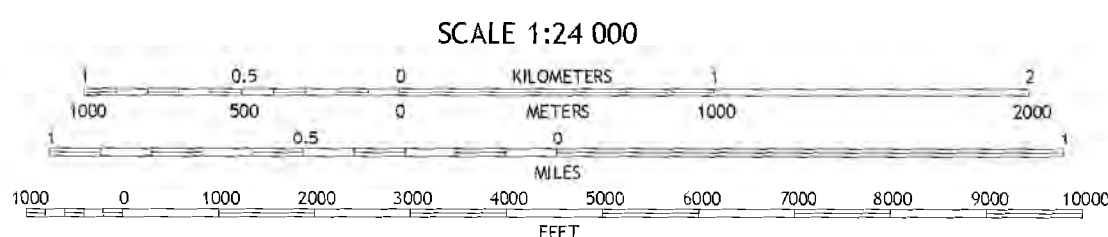
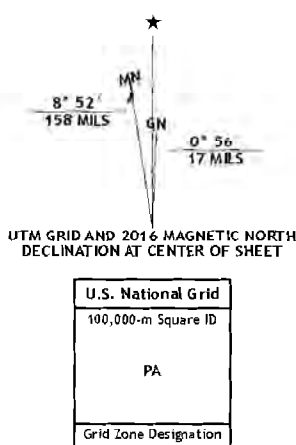




Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84), Projection and
1000-meter grid; Universal Transverse Mercator, zone 17E
10 000-foot ticks; Virginia Coordinate System of 1983 (south
zone)

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

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



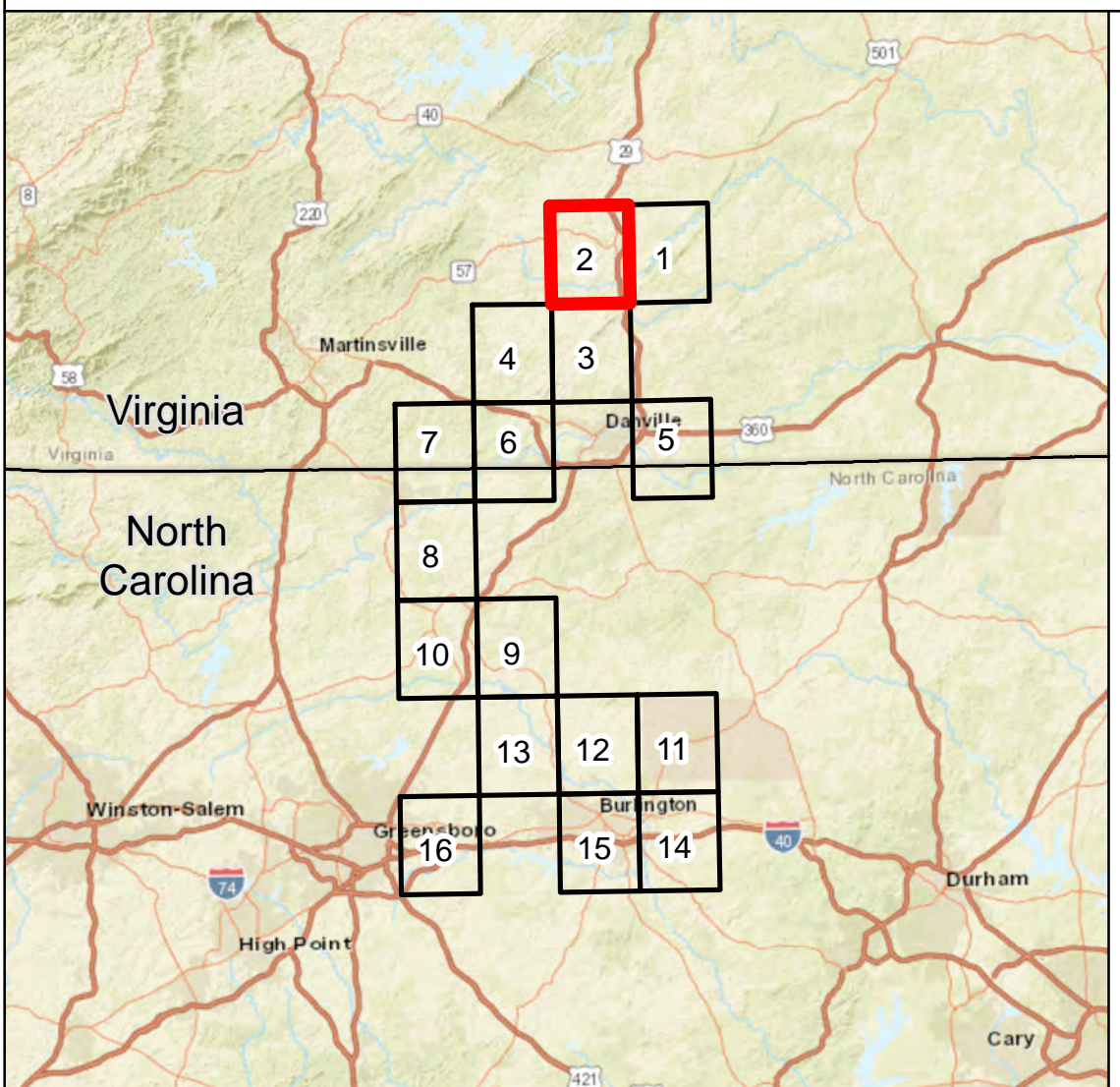
ROAD CLASSIFICATION

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

CHATHAM, 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: November 2nd, 2018

PA-PIVA-H650-USGS-02 REV: P2 PAGE: 2

TRC
Results you can rely on

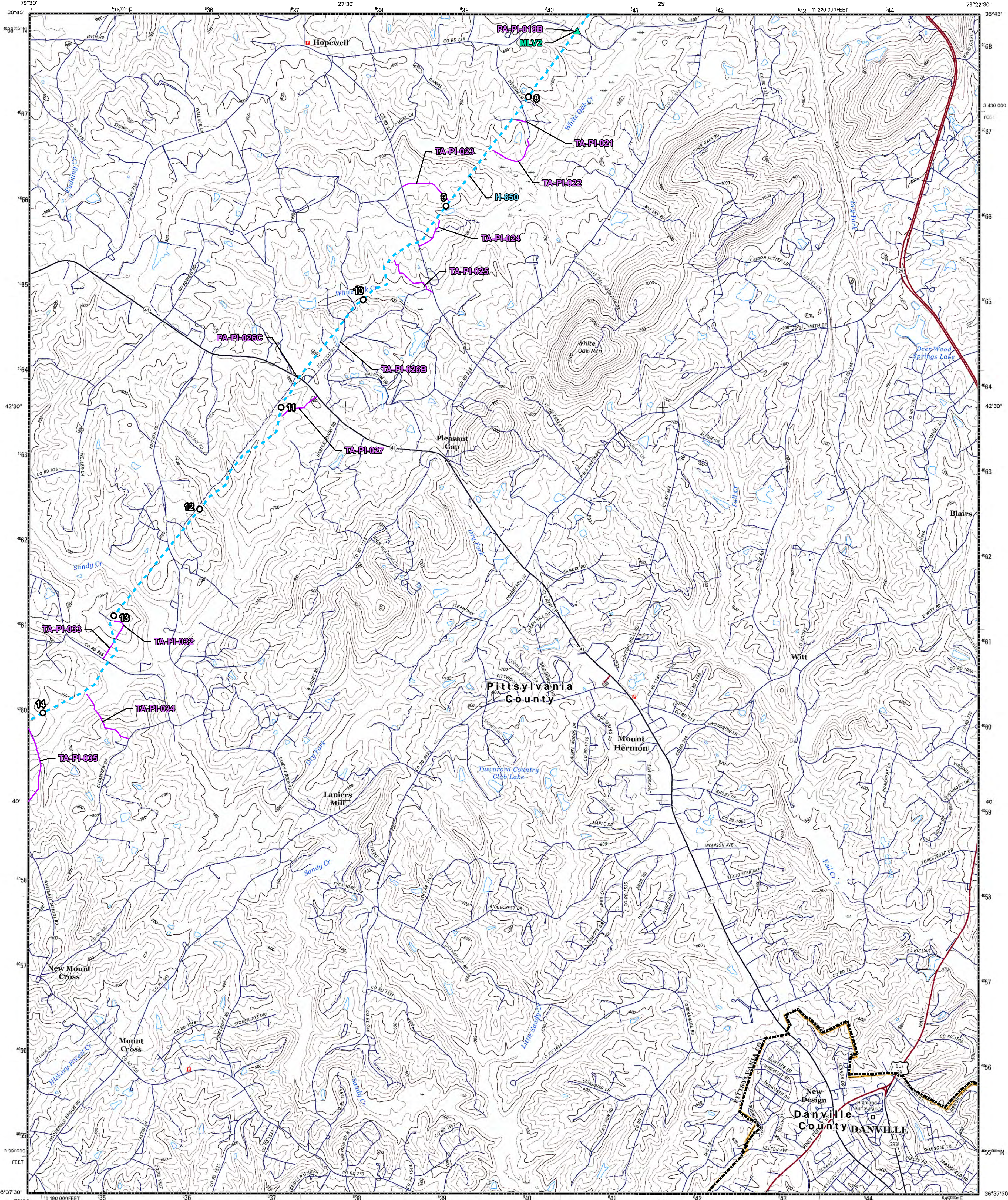
16350 Park Ten PI Ste 101
Houston, Texas 77084



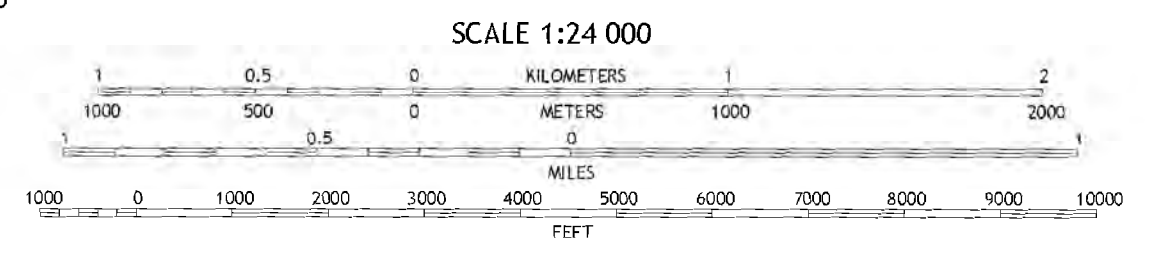
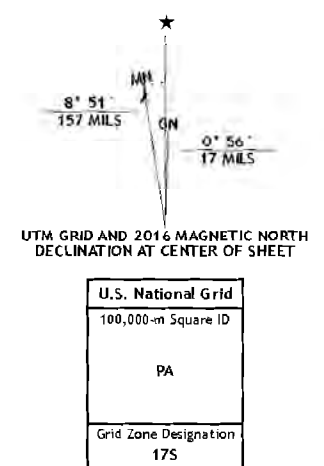
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



MOUNT HERMON QUADRANGLE
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
1000-meter grid: Universal Transverse Mercator, Zone 17S
10 000-foot ticks: Virginia Coordinate System of 1983 (south
zone)
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.
Imagery.....NAIP, July 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

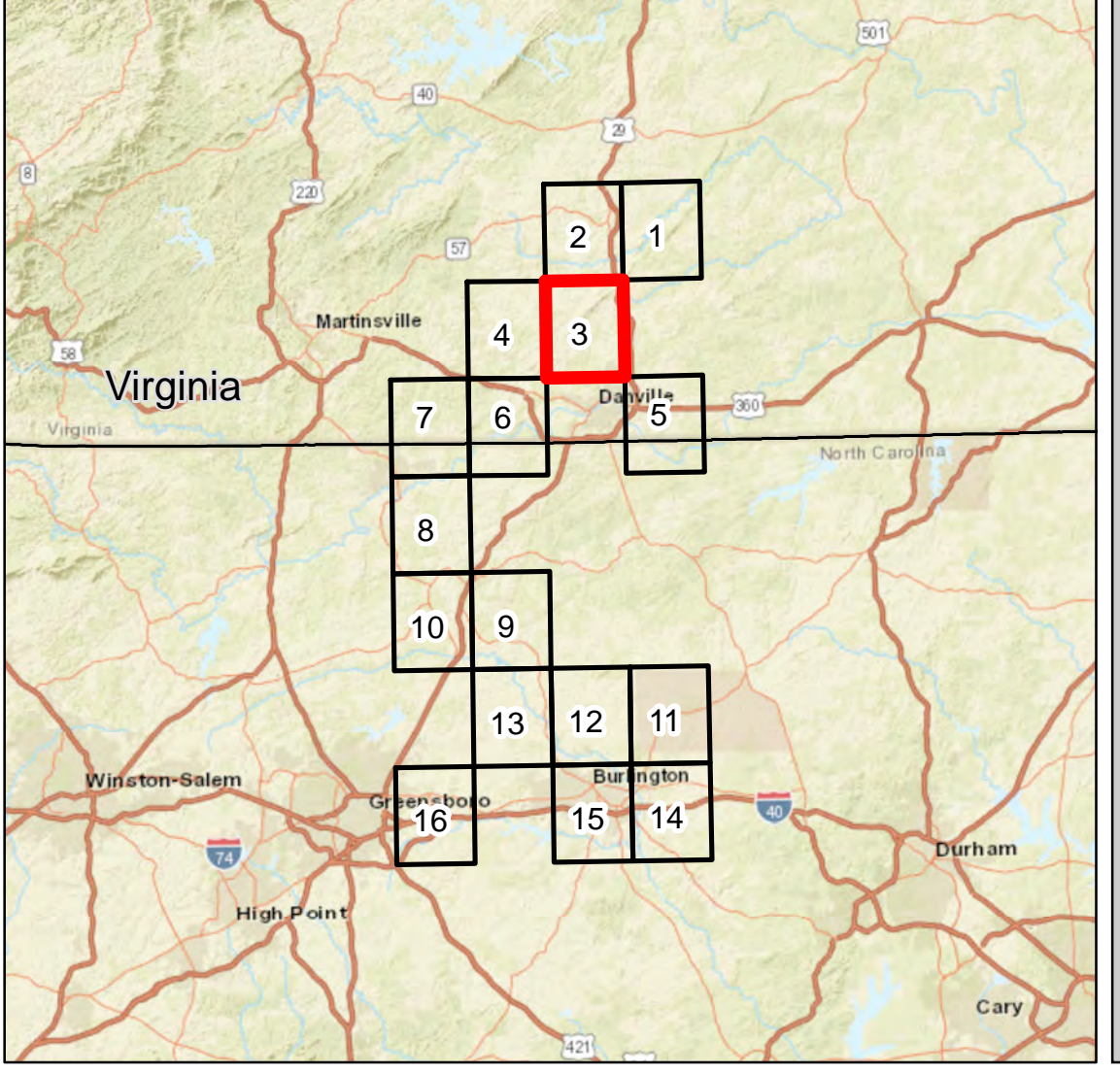


3D JOINING QUADRANGLES

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

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: November 2nd, 2018

PA-PIVA-H650-USGS-03 REV: P2 PAGE: 3

TRC
Results you can rely on

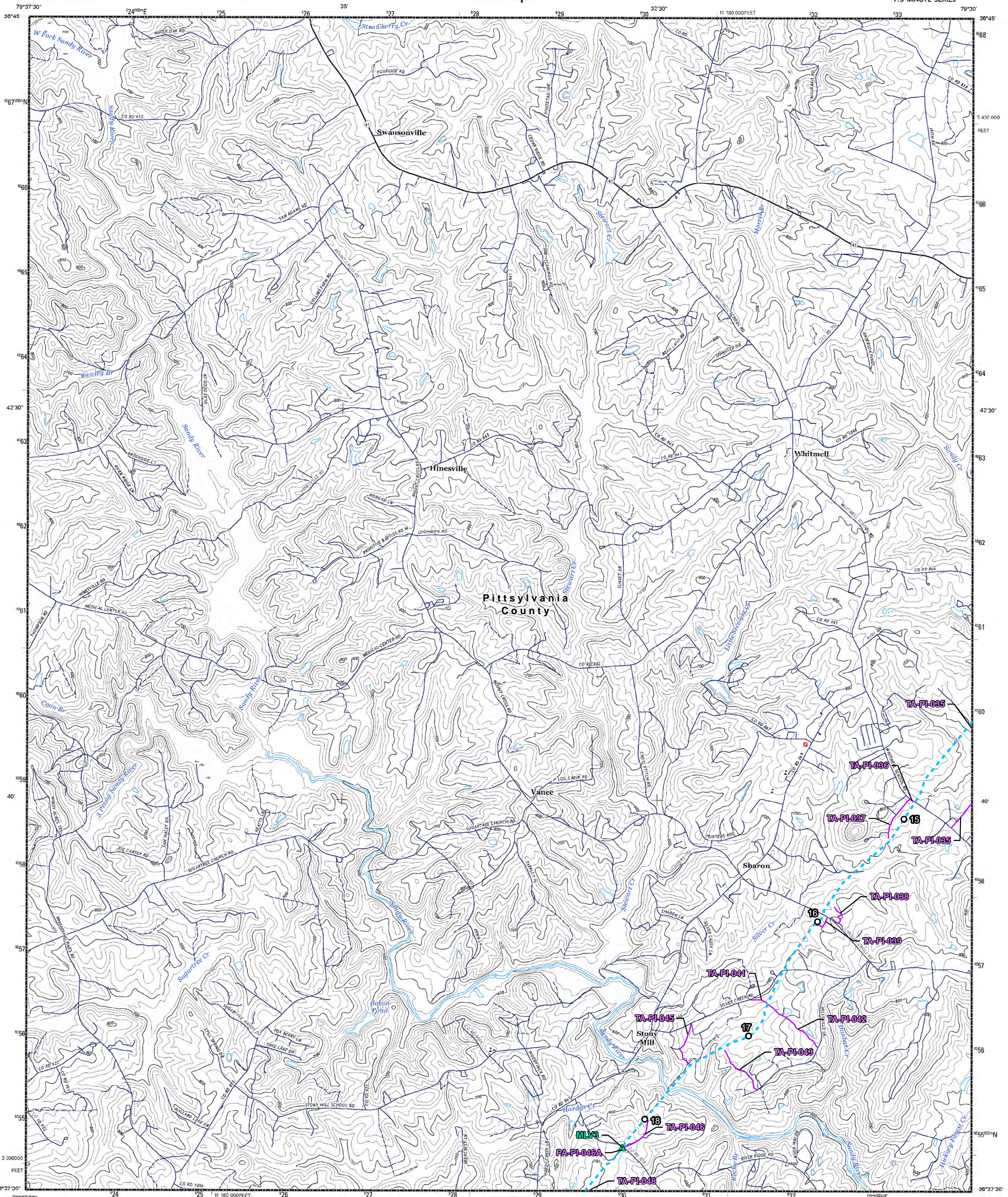
16350 Park Ten PI Ste 101
Houston, Texas 77084



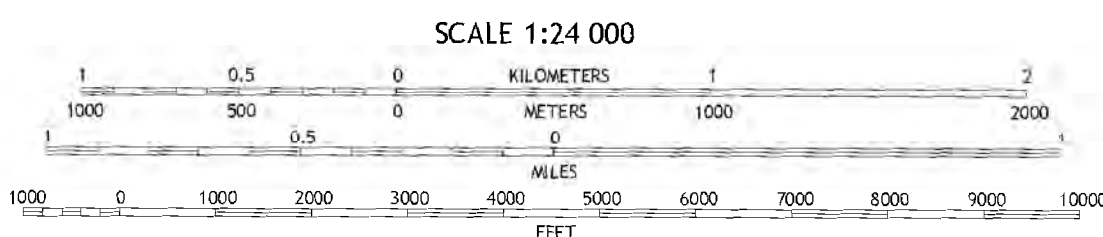
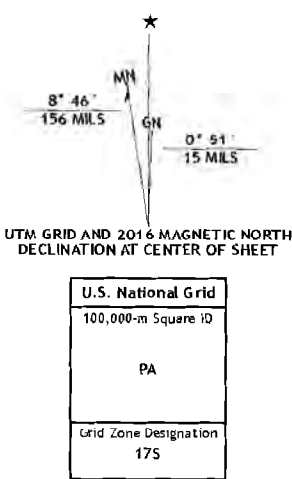
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



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
1000-meter grid, Universal Transverse Mercator, Zone 17S
10 000-foot ticks: 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.....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

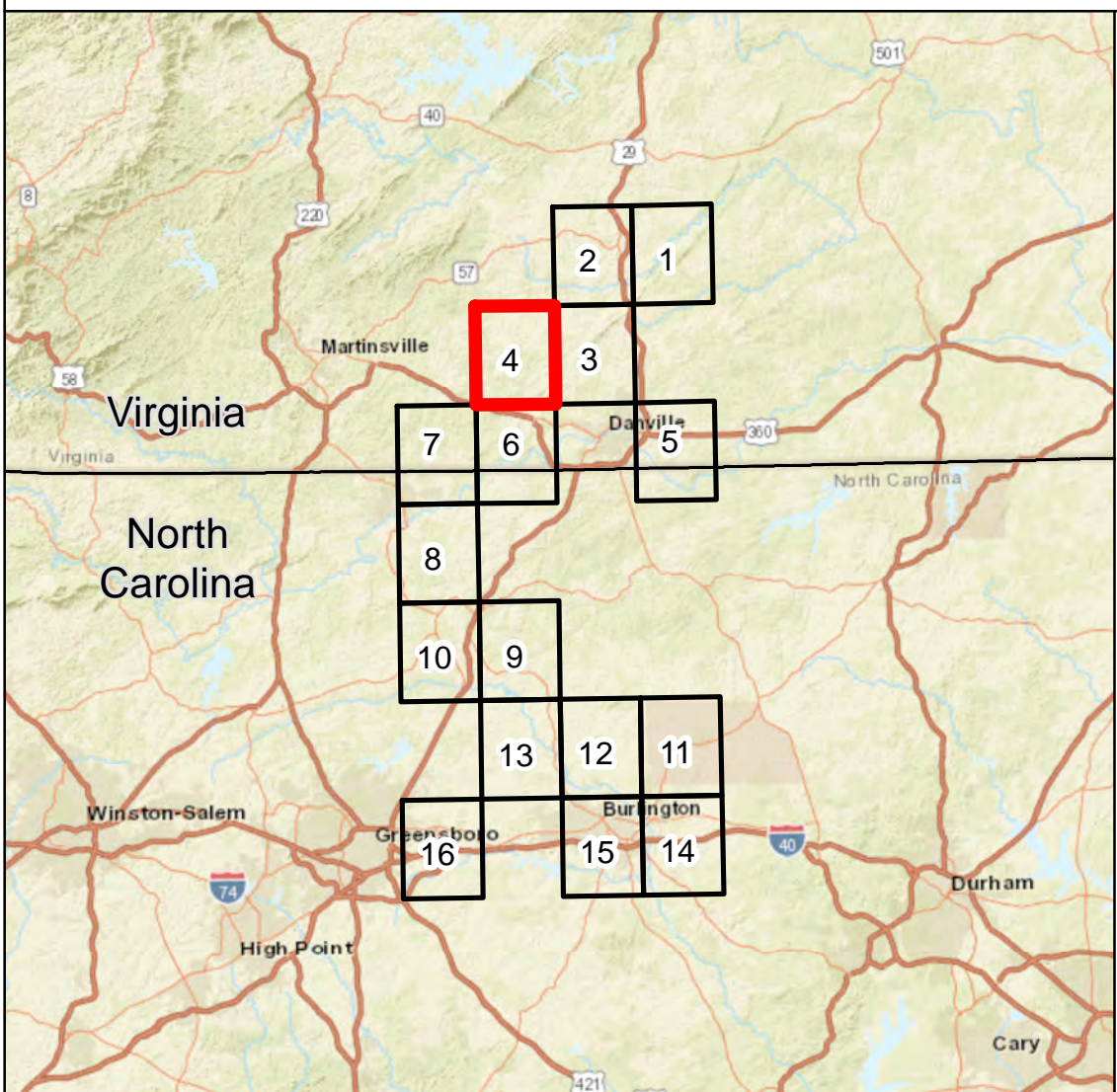


ADJOINING QUADRANGLES

1	2	3
4	5	6
7	8	9
10	11	12

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

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



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

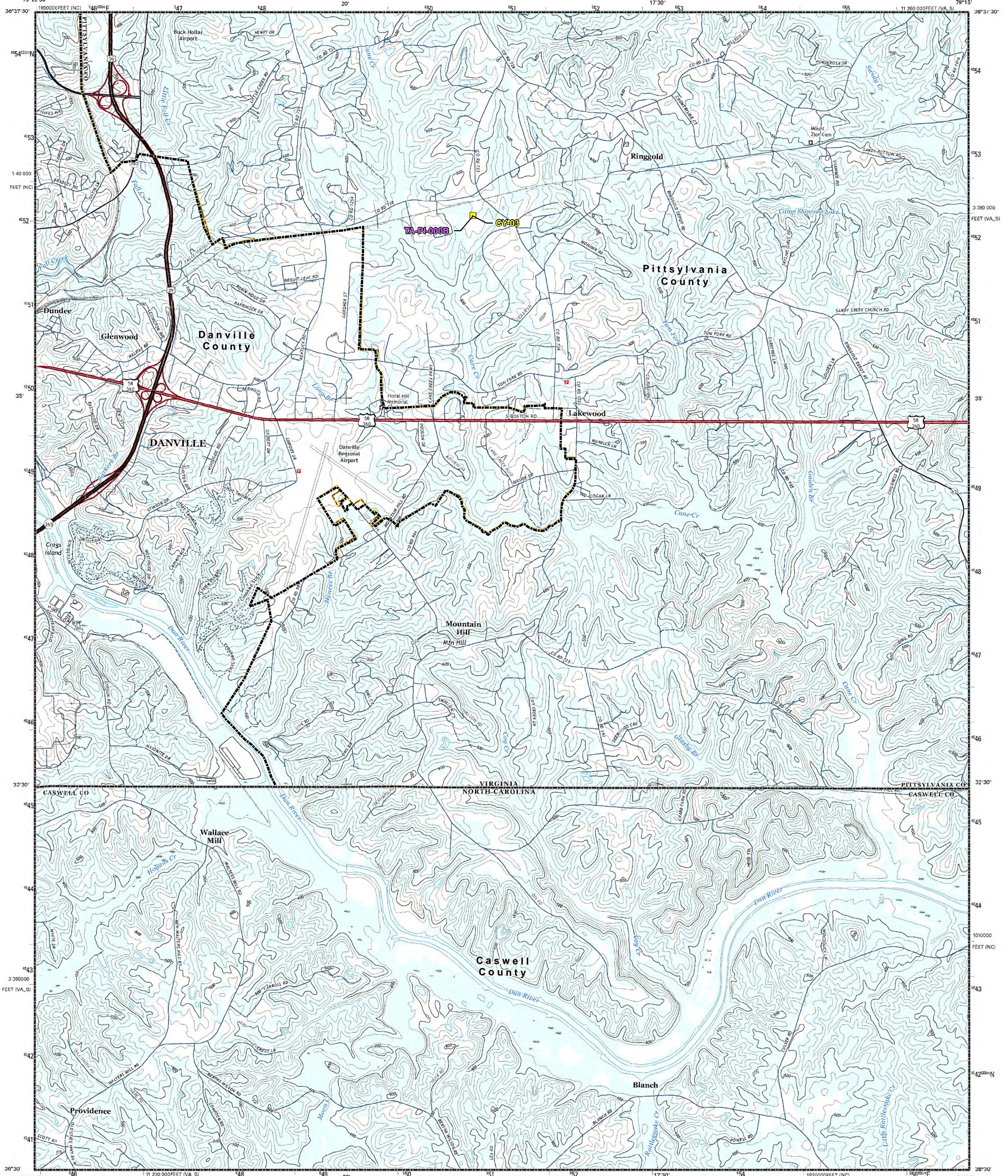
Data Source: EQT, TRC, ESRI, USGS



Appendix 1-B Date: November 2nd, 2018

PA-PIVA-H650-USGS-04 REV: P2 PAGE: 4

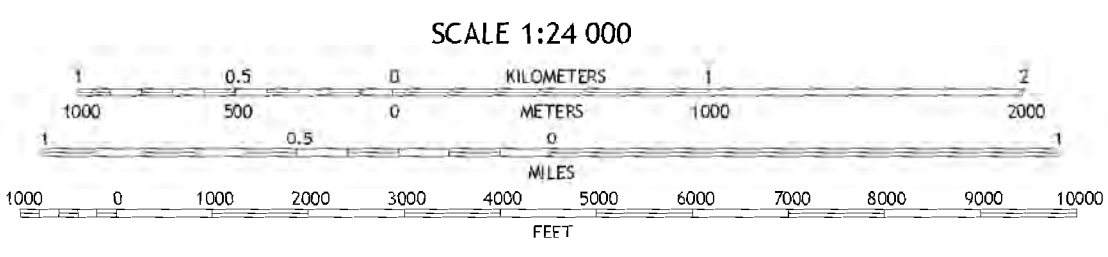
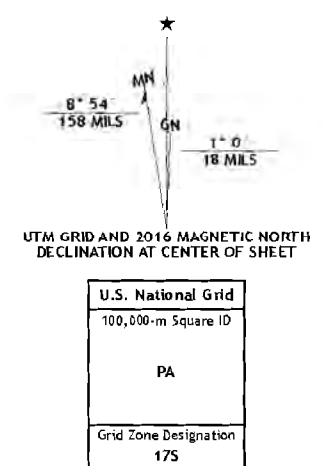




Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1:100,000-foot Universal Transverse Mercator, zone 17S
10,000-foot ticks: Virginia Coordinate System of 1983 (south
zone), North Carolina Coordinate System of 1983

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.

Map Data:
Topography.....NAIP, June 2014
Roads.....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



SCALE 1:24 000
KILOMETERS 0 0.5 1 2
METERS 0 500 1000 2000
MILES 0 5 10
FEET 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

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

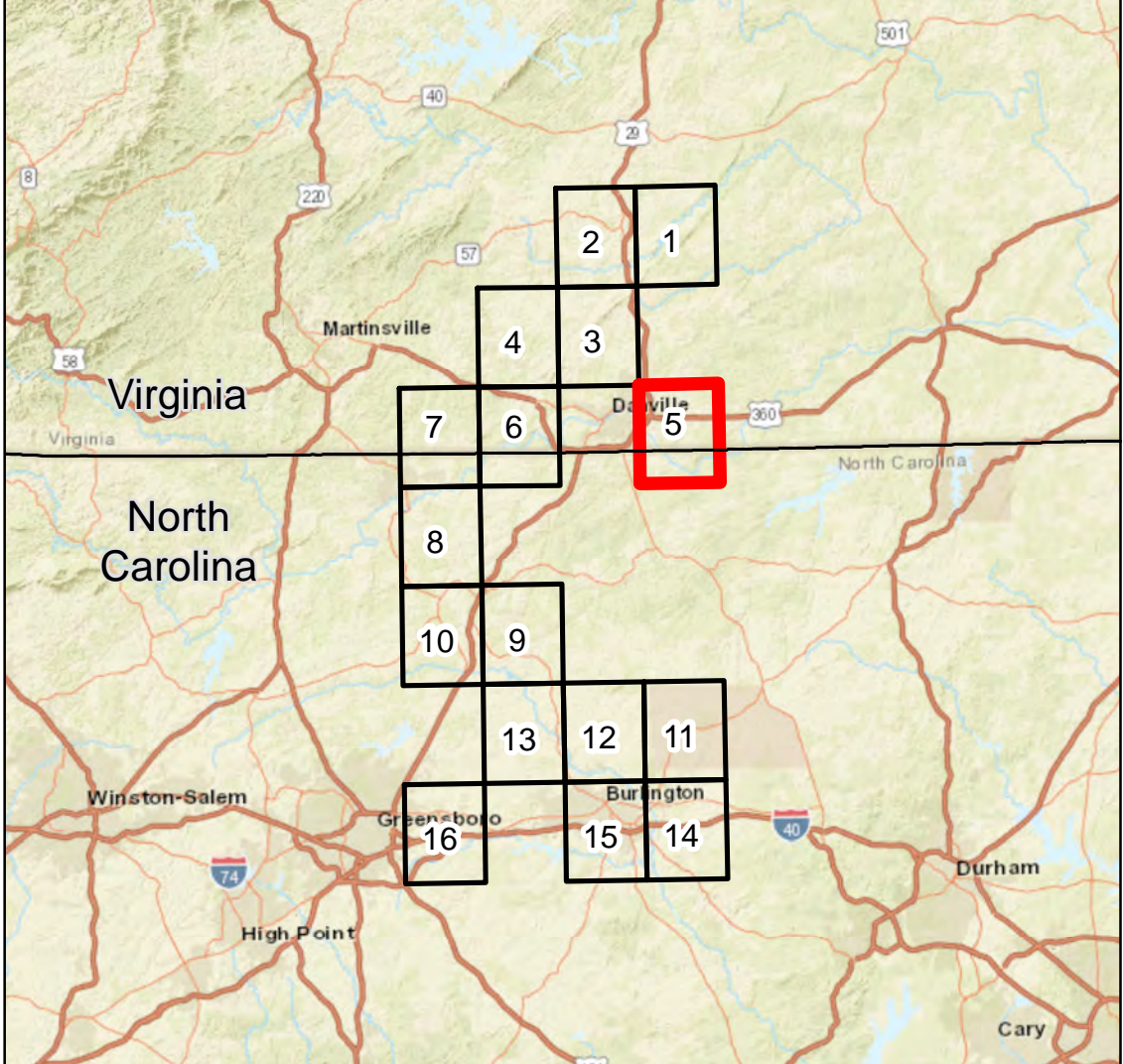


ROAD CLASSIFICATION	
Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	4WD
Interstate Route	US Route
	State Route

1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

RINGGOLD, VA-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

Appendix 1-B	Date: November 2nd, 2018	
PA-PIVA-H650-USGS-05	REV: P2	PAGE: 5

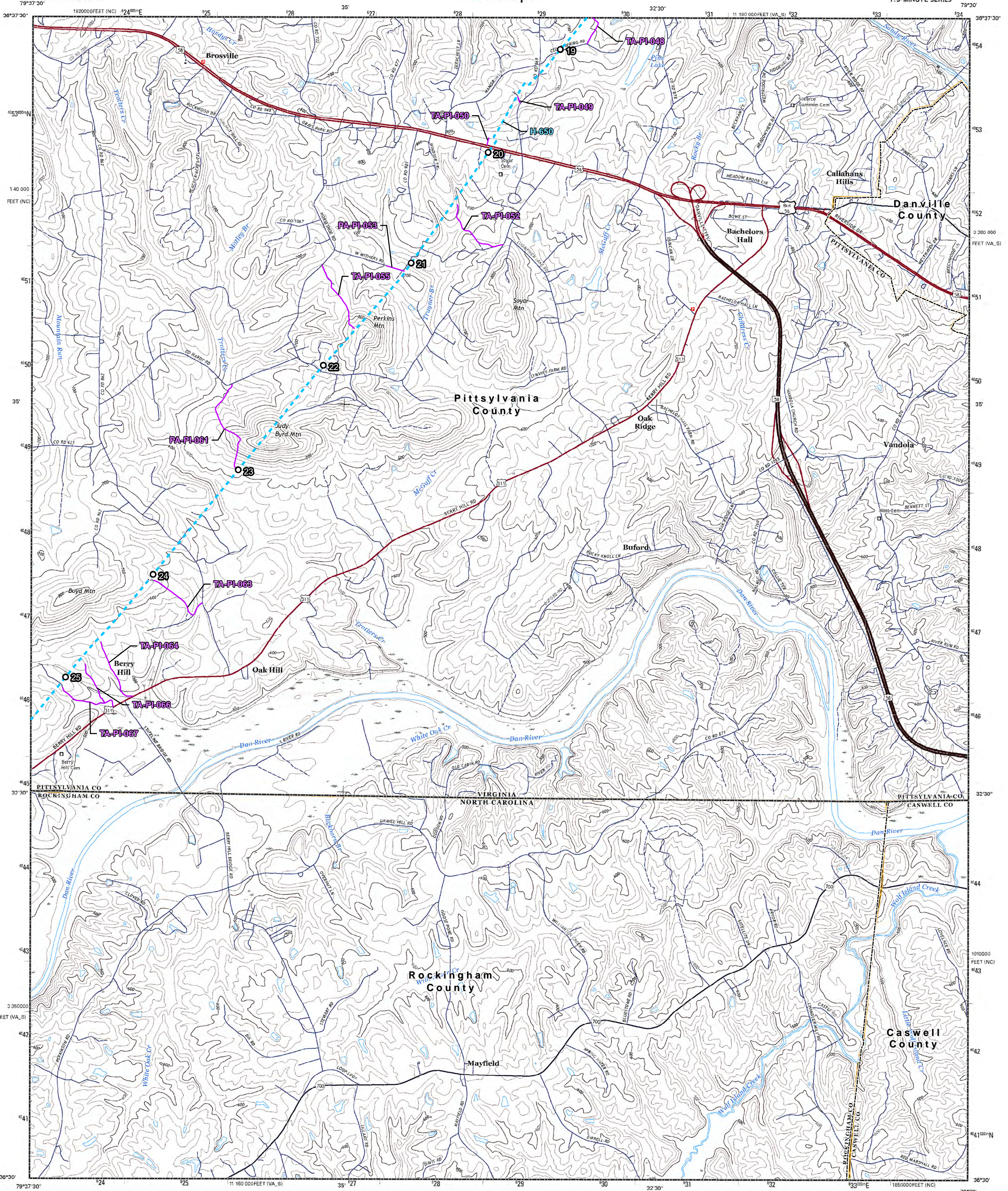
16350 Park Ten PI Ste 101
Houston, Texas 77084



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



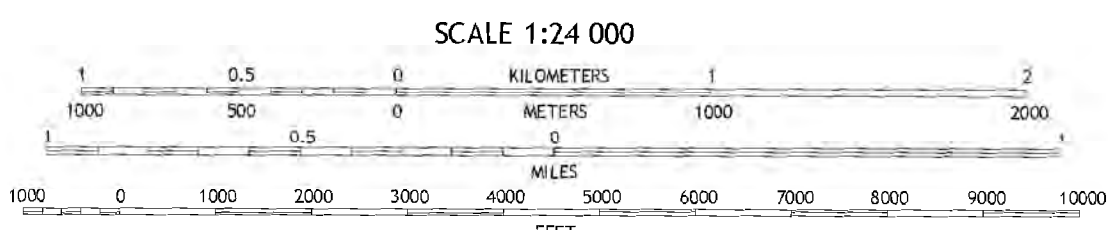
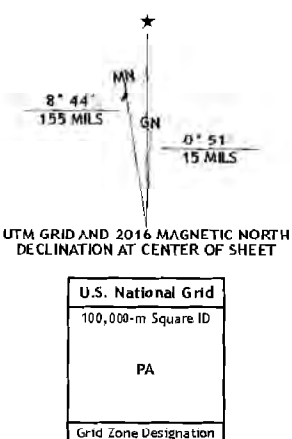
BROSVILLE QUADRANGLE
VIRGINIA-NORTH CAROLINA
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84), Projection and
1:250,000-meter grid: Universal Transverse Mercator, Zone 17S
10,000-Foot ticks: Virginia Coordinate System of 1983 (south
zone), 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.....NAIP, July 2014
Roads.....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



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



ADJOINING QUADRANGLES

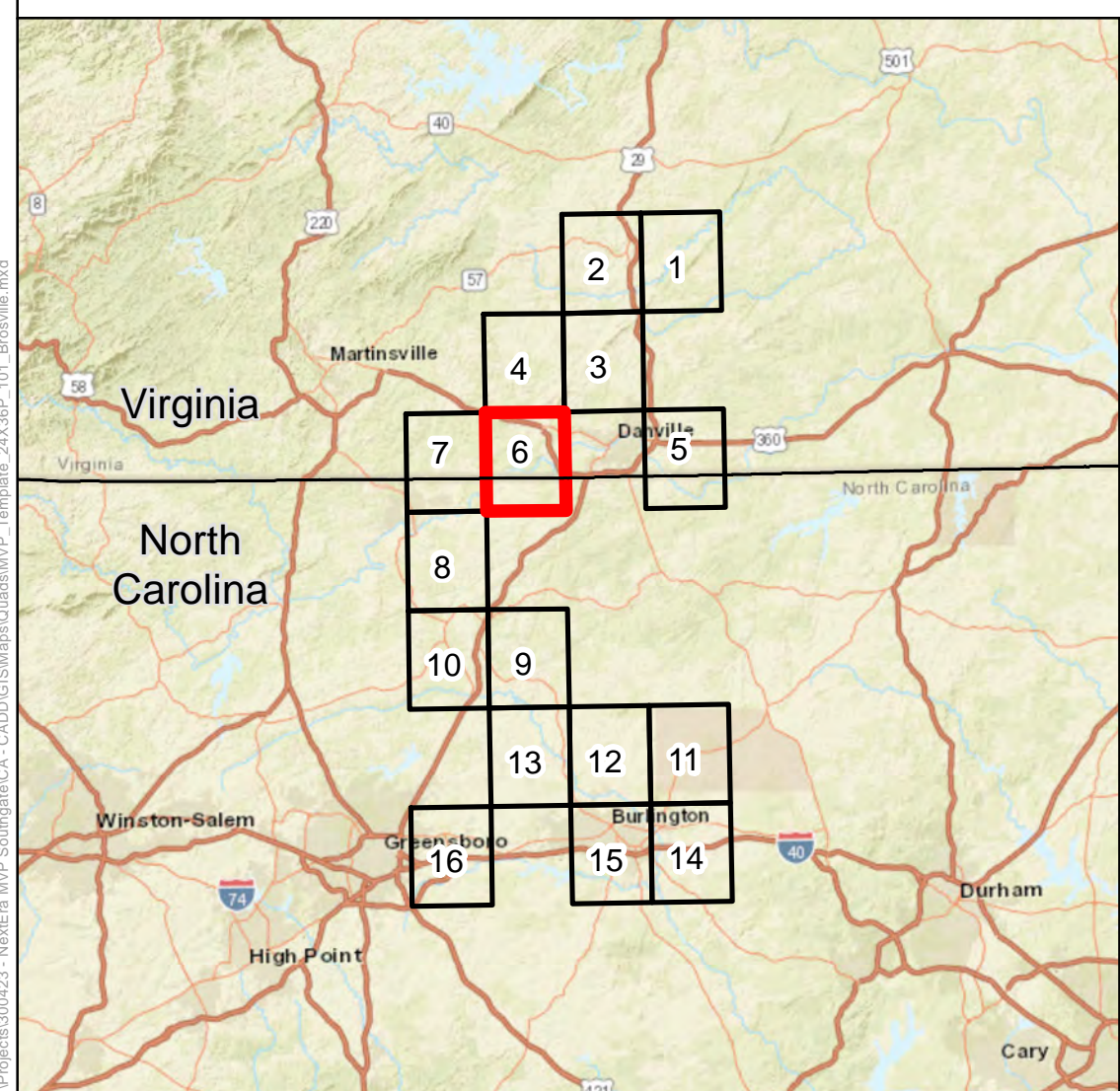
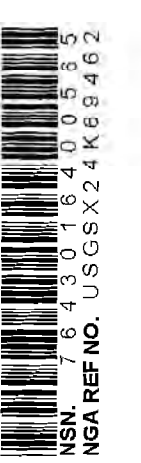
1	2	3
4	5	6
7	8	9

1 Arvon
2 Whitwell
3 Mount Harmon
4 Northwest Eden
5 Danville
6 Southeast Eden
7 Ruffin
8 Park Spring

ROAD CLASSIFICATION

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

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: November 2nd, 2018

PA-PIVA-H650-USGS-06 REV: P2 PAGE: 6

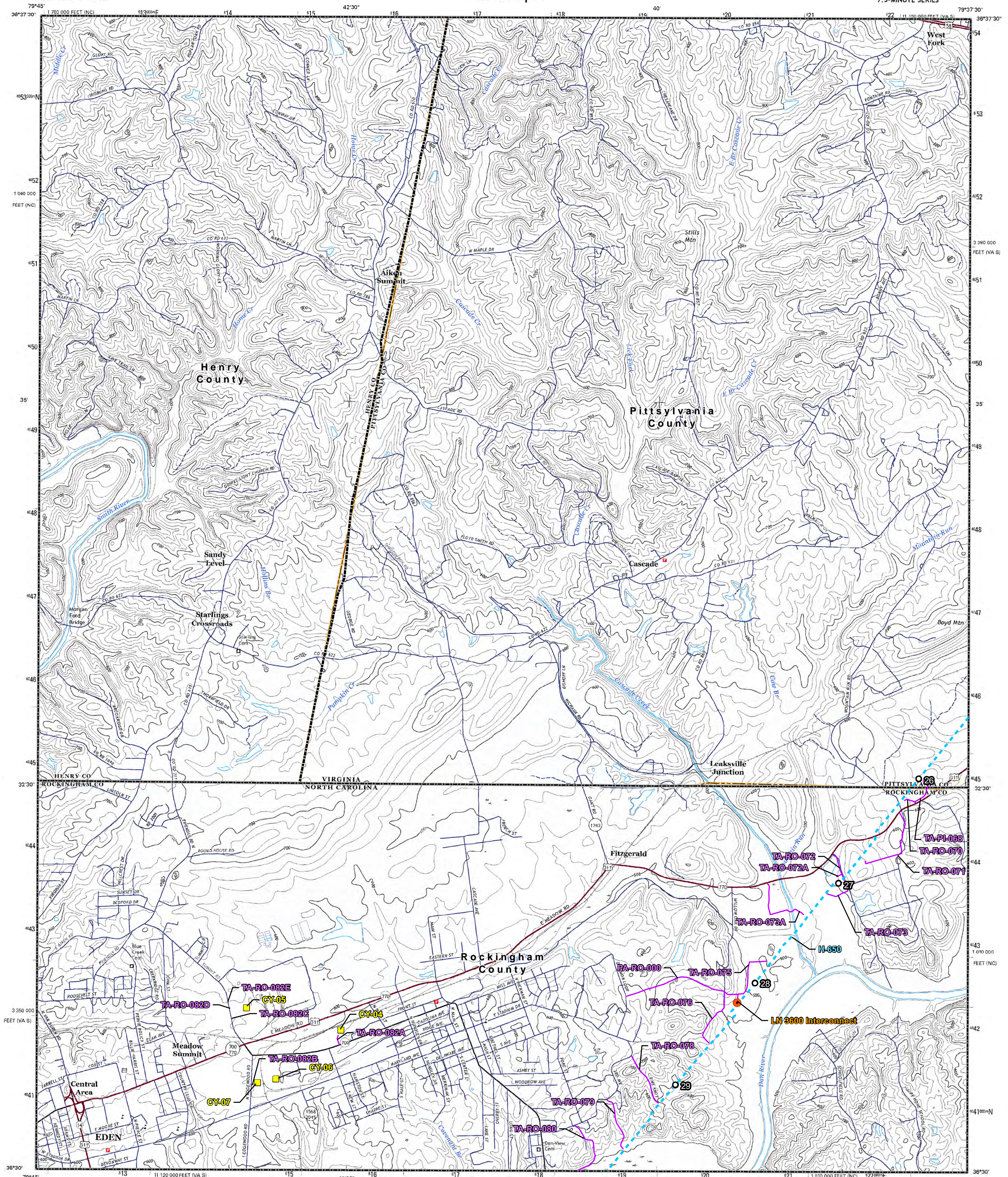
TRC Results you can rely on
16350 Park Ten PI Ste 101
Houston, Texas 77084



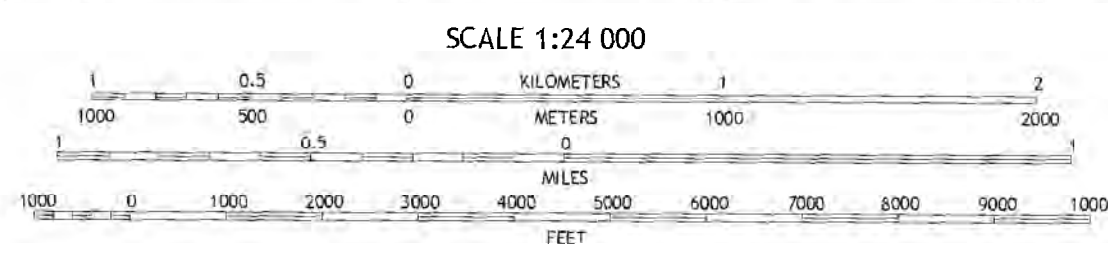
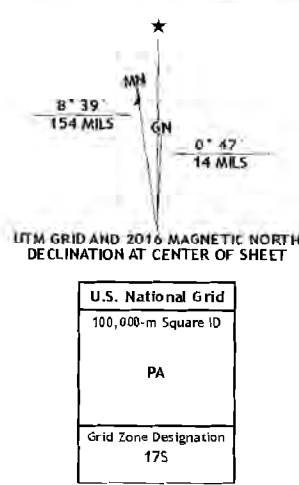
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



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
zone), North Carolina Coordinate System of 1983

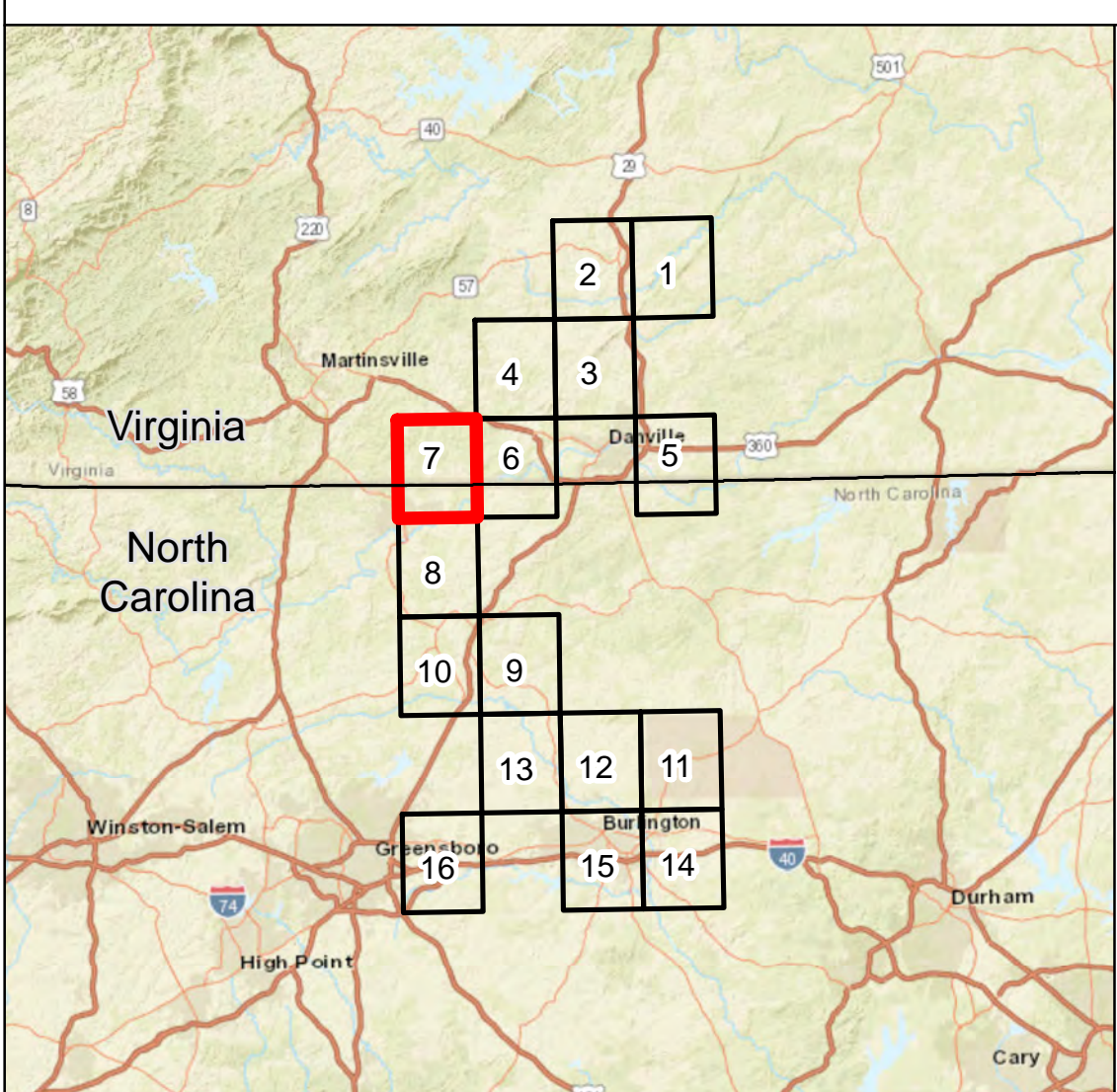


ADJOINING QUADRANGLES

1	2	3
4	5	6
7	8	9

1 Martinsville East
2 Aiton
3 Whitwell
4 Northwest Eden
5 Brosilite
6 Southwest Eden
7 Southeast Eden
8 Ruffin

NORTHEAST EDEN, NC-VA
2016



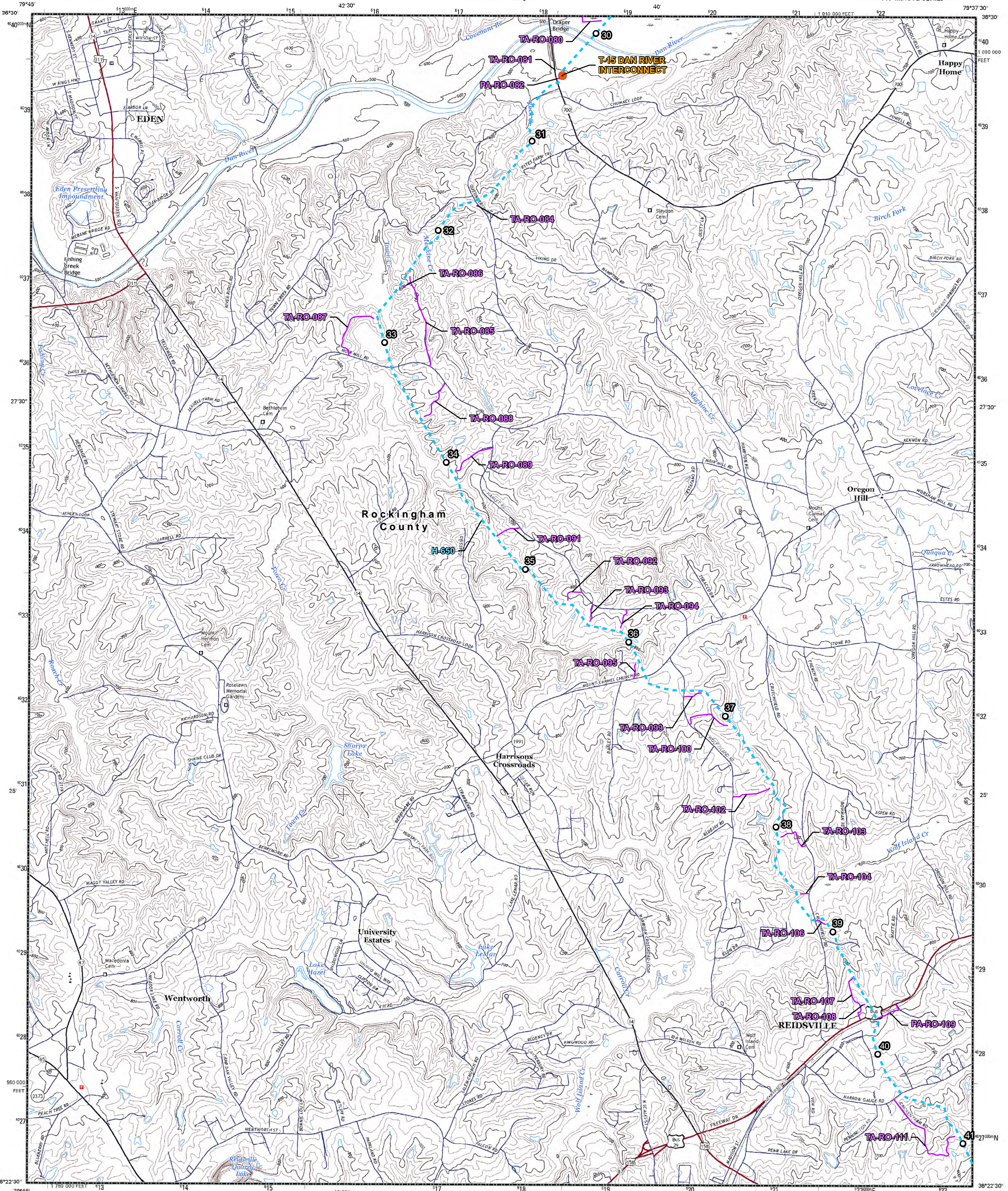
- Legend**
- Mileposts
 - Compressor Station
 - ◆ Facility Sites
 - Contractor Yards
 - Meter Stations
 - ▲ Valve Sites
 - Proposed Pipeline Route
 - Access Roads
 - State Boundary
 - County Boundary

Data Source: EQT, TRC, ESRI, USGS



Appendix 1-B	Date: November 2nd, 2018	
PA-RONC-H650-USGS-07	REV: P2	PAGE: 7

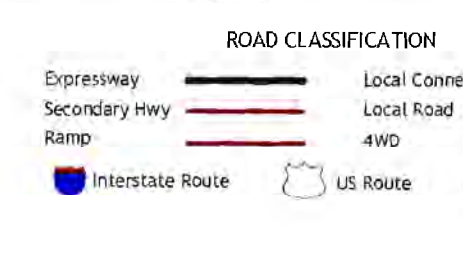
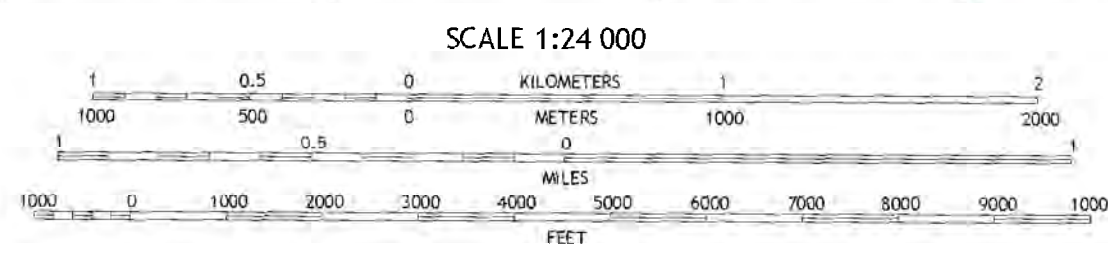
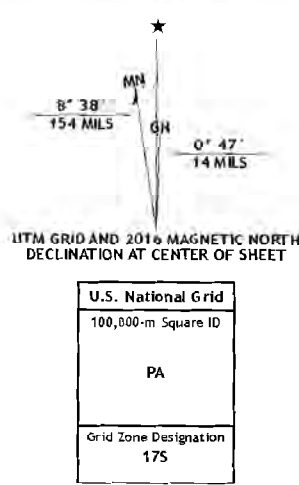




Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84), Projection and
1:24,000-meter grid Universal Transverse Mercator, Zone 17S
10 000-foot ticks: North Carolina Coordinate System of 1983

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.

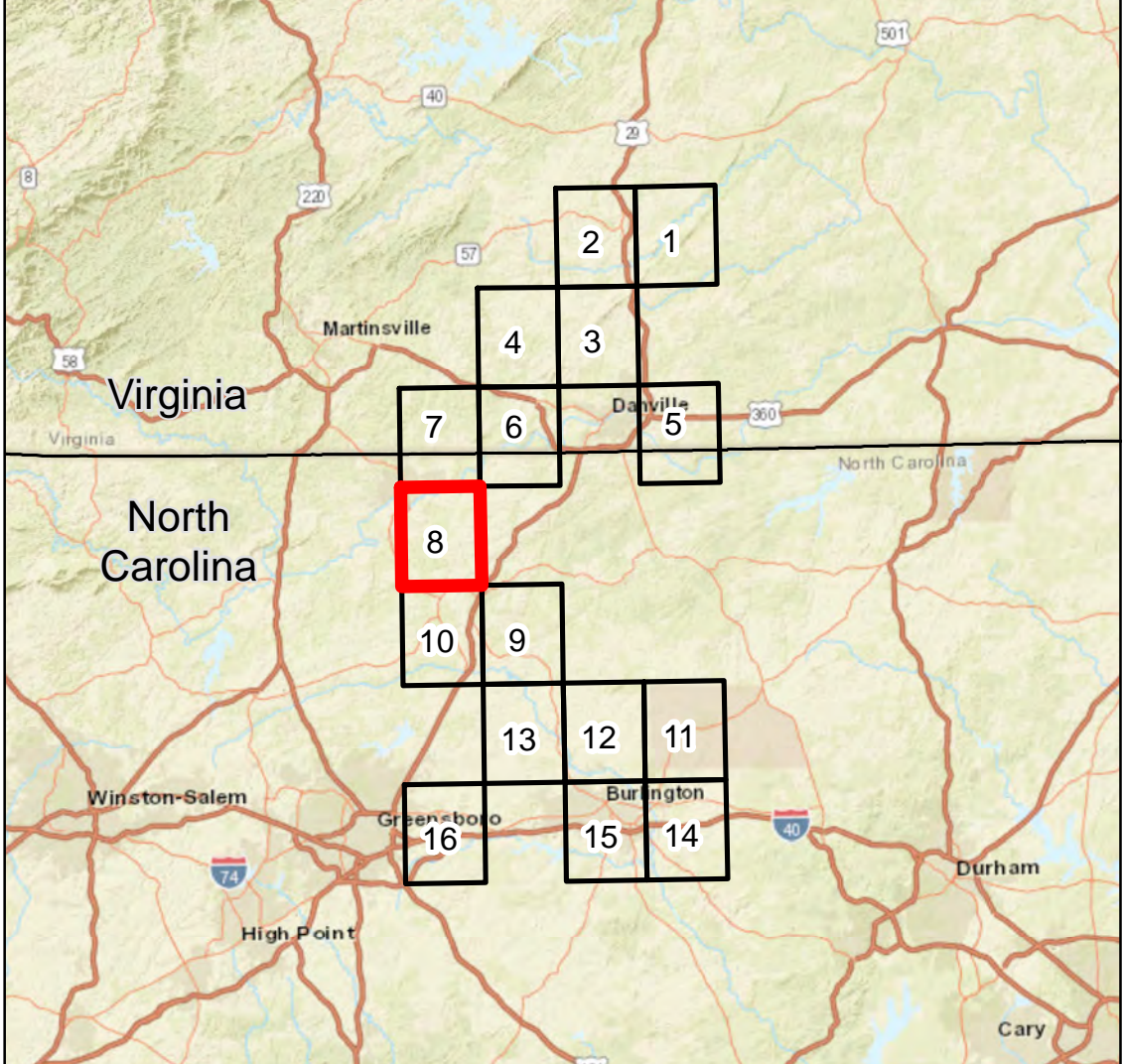
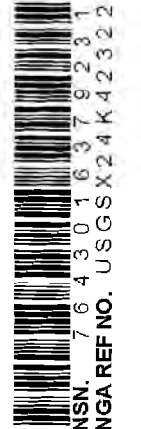
Imagery.....NAIP, July 2014
Roads.....U.S. Census Bureau, 2015 - 2016
Name.....USGS, 2016
Hydrography.....National Hydrography Dataset, 2014
Contours.....National Elevation Dataset, 2008
Boundaries.....Multiple sources; see metadata file 1972 - 2016
Wetlands.....FWS National Wetlands Inventory 1977 -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



1	2	3
4	5	6
7	8	9

Northwest Eden
Northeast Eden
Breville
Southwest Eden
Ruffin
Bethany
Fayetteville
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

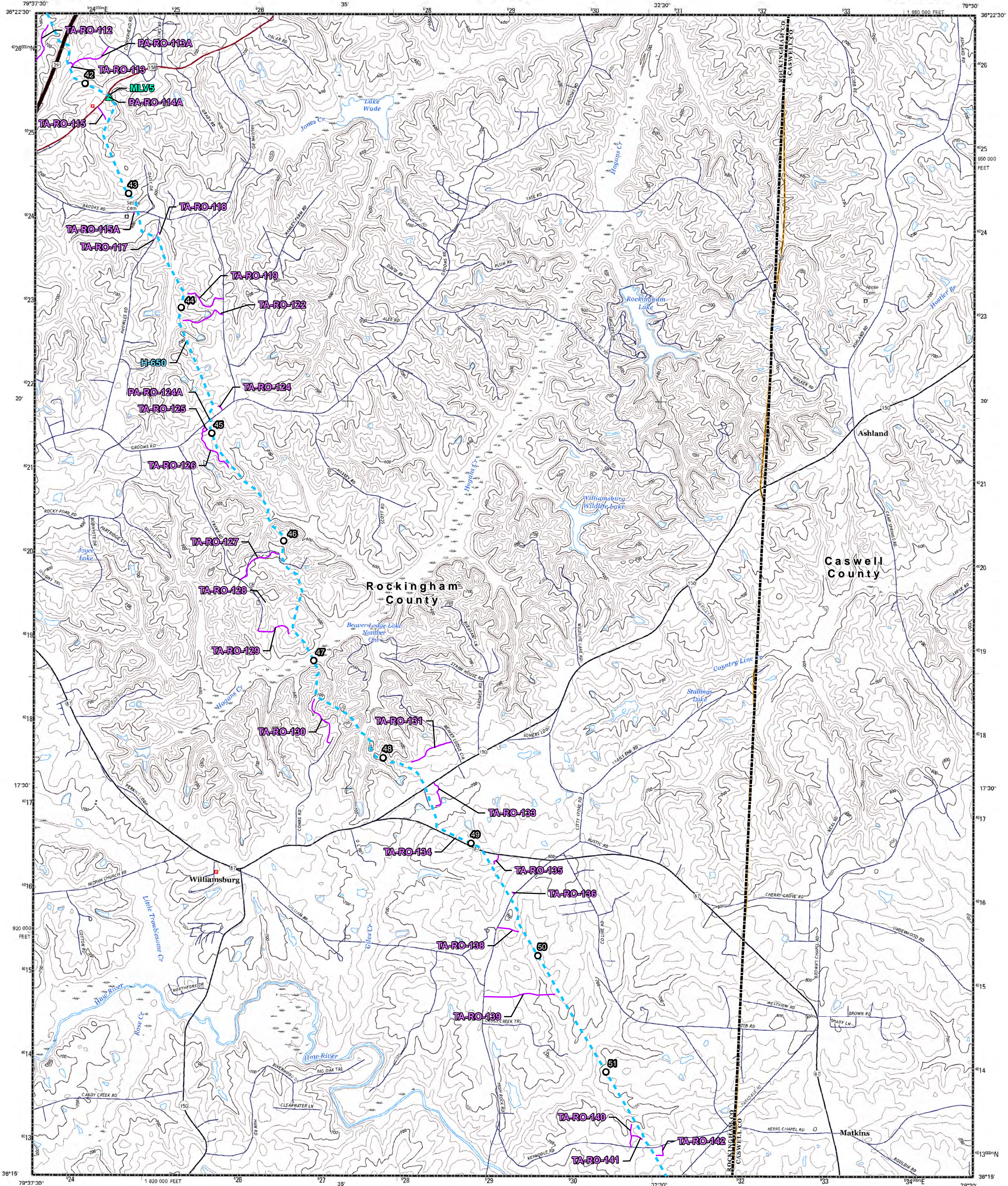
Data Source: EQT, TRC, ESRI, USGS

Mountain Valley
PIPELINE LLC

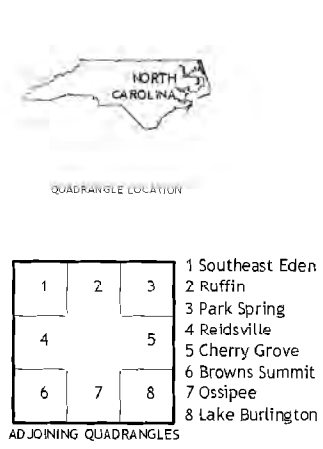
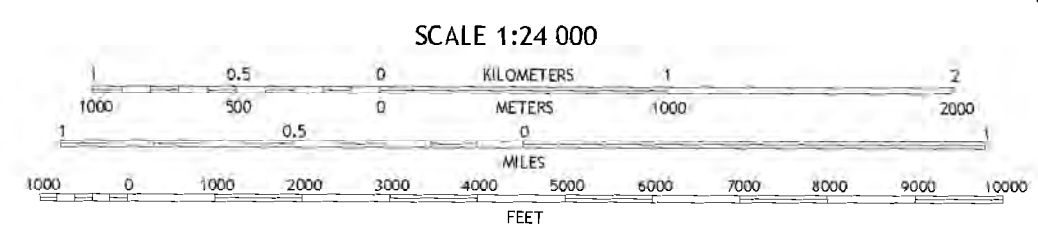
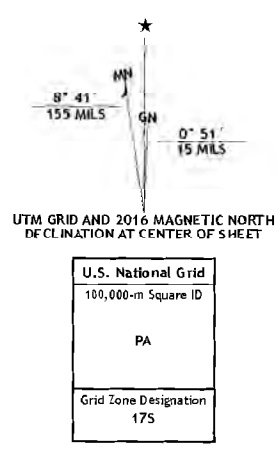
Appendix 1-B Date: November 2nd, 2018

PA-RONC-H650-USGS-08 REV: P2 PAGE: 8

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

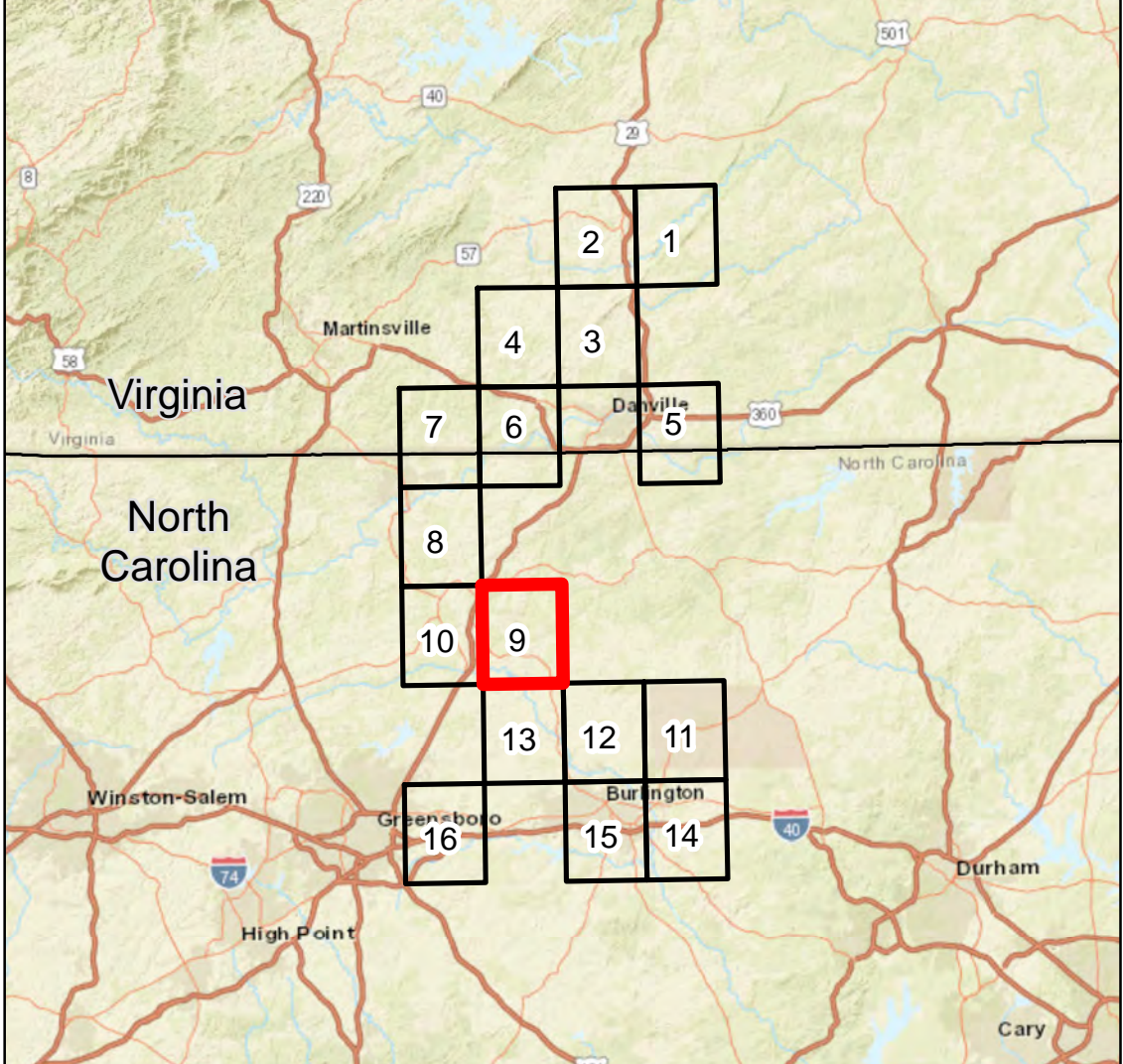


Produced by the United States Geological Survey
 North American Datum of 1983 (NAD83)
 North American Datum of 1983 (NAD83) Projection and
 1:500,000 scale Universal Transverse Mercator, Zone 17S
 190,000 foot UTM North Carolina Coordinate System of 1983
 This map is not a legal document. Boundaries may be
 generalized for this map scale. Private lands with government
 reservations may not be shown. Obtain permission before
 entering private lands.
 Imagery:NAP, 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



1 Southeast Eden
 2 Ruffin
 3 Park Spring
 4 Hardsville
 5 Cherry Grove
 6 Browns Summit
 7 Goslee
 8 Lake Butler

WILLIAMSBURG, 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: November 2nd, 2018

PA-RONC-H650-USGS-09 REV: P2 PAGE: 9

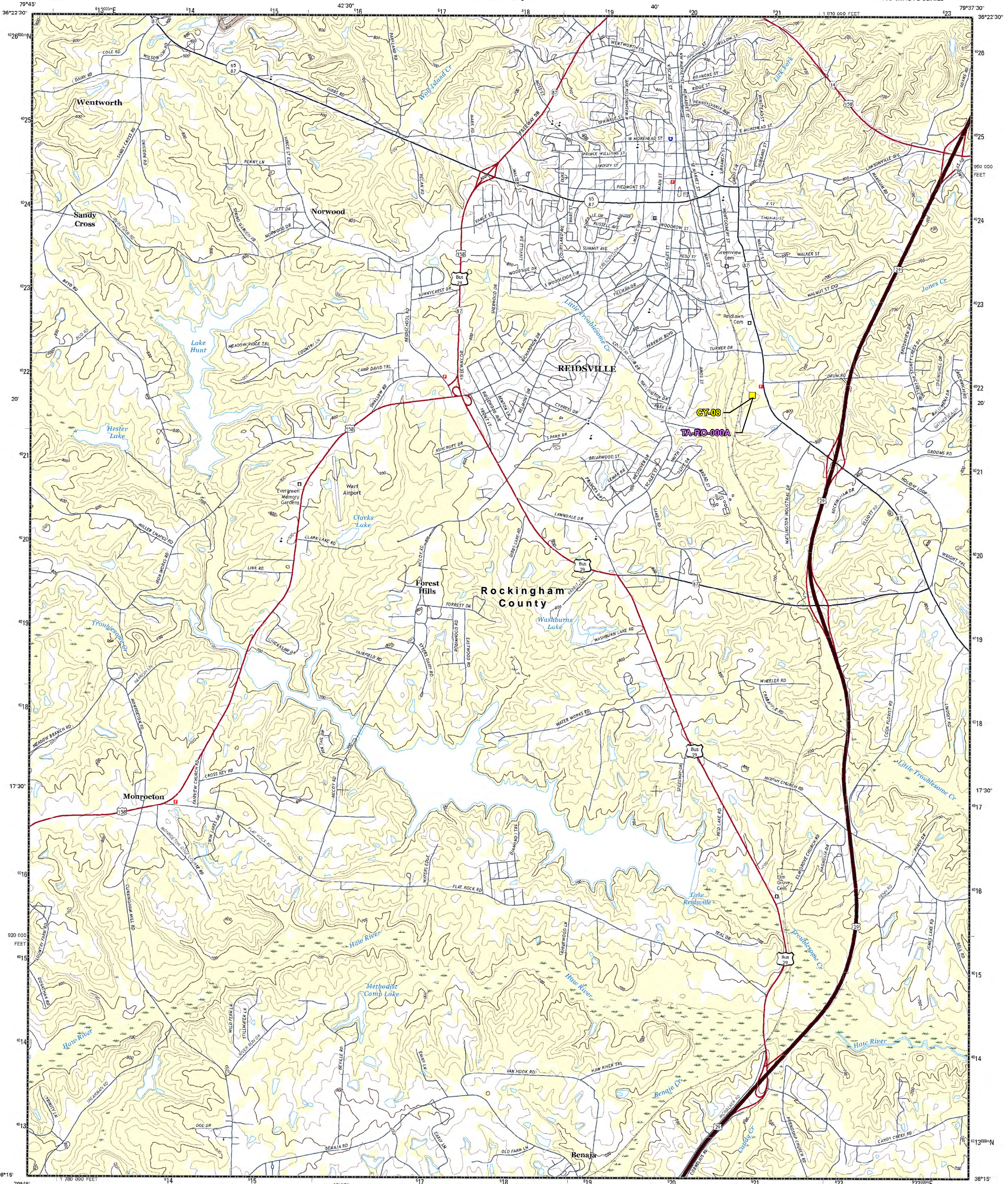
16350 Park Ten Pl Ste 101
 Houston, Texas 77084



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



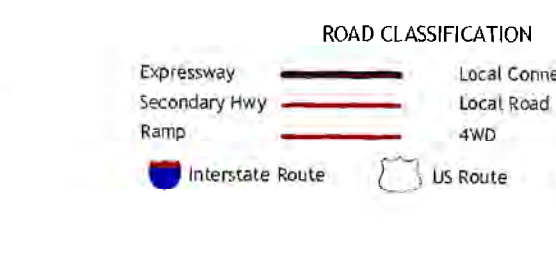
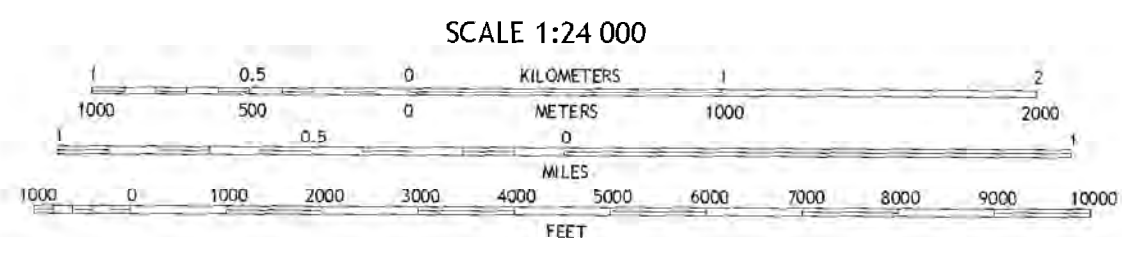
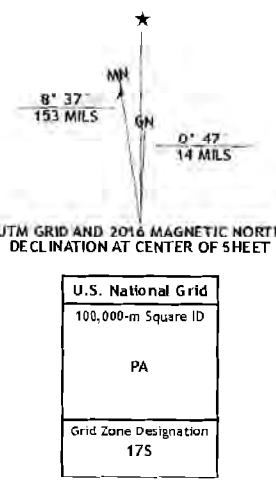
REIDSVILLE QUADRANGLE
NORTH CAROLINA-ROCKINGHAM CO.
7.5-MINUTE SERIES



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.

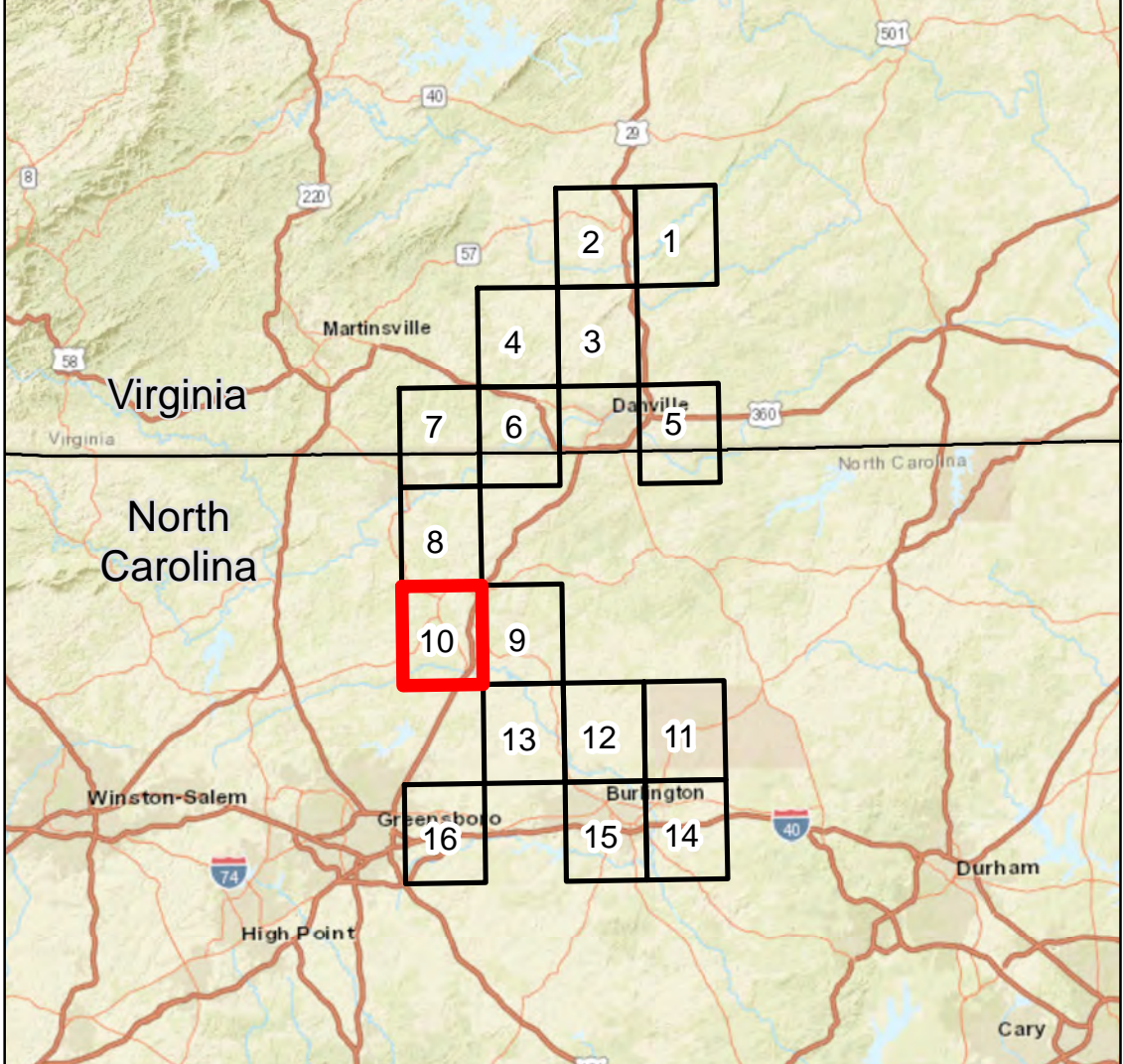
Imagery:.....NAIP, July 2014
Roads:.....U.S. Census Bureau, 2015 - 2016
National Hydrography Dataset:.....NHDPlus_V2, 2016
Hydrography:.....National Hydrography Dataset, 2014
Contours:.....National Elevation Dataset, 2008
Boundaries:.....Multiple sources; see metadata file 1972 - 2016
Wetlands:.....FWS National Wetlands Inventory 1977 - 2014



1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

REIDSVILLE, NC
2016



Legend

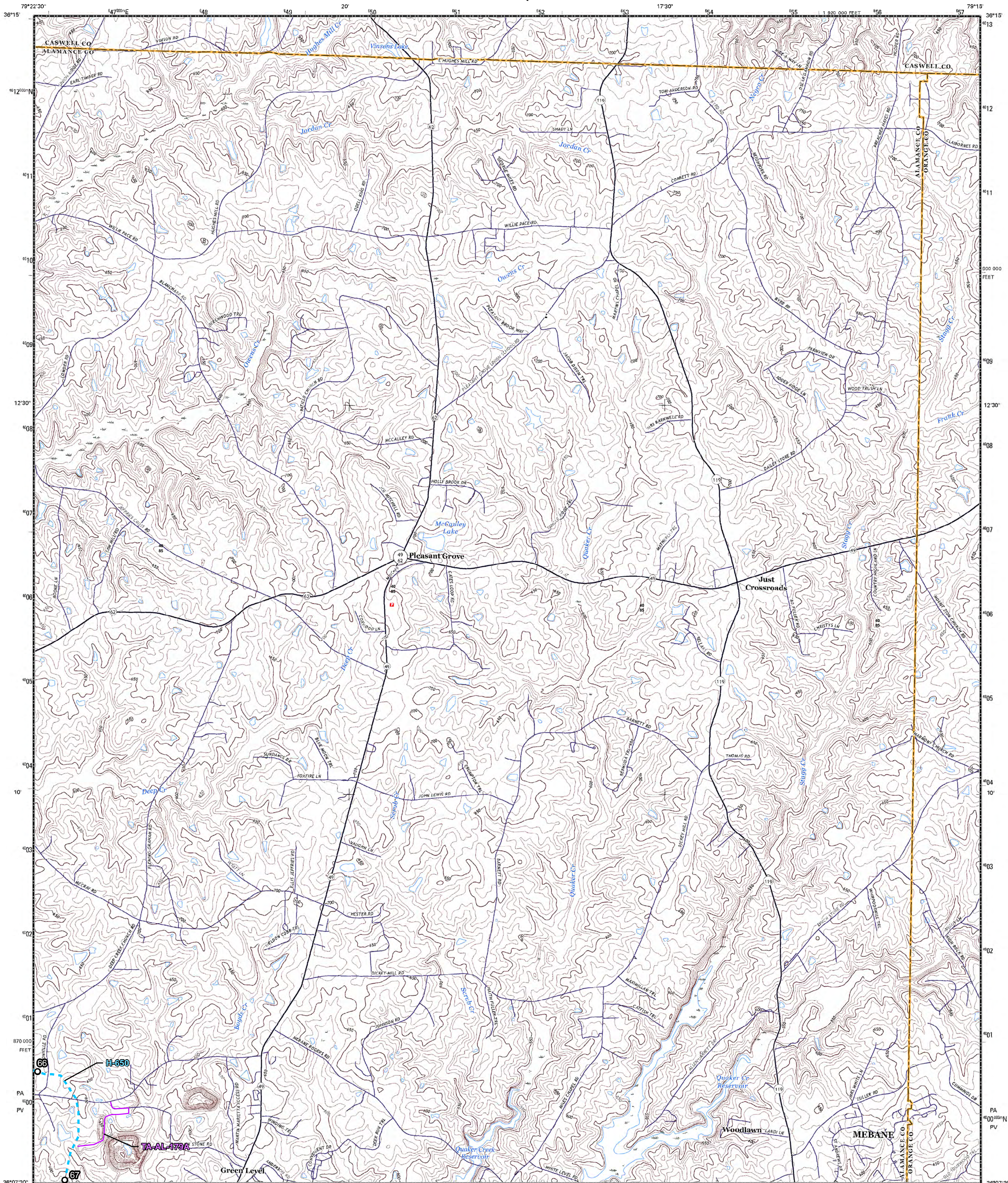
- Mileposts
- Compressor Station
- ★ Facility Sites
- Contractor Yards
- Meter Stations
- ▲ Valve Sites
- Proposed Pipeline Route
- Access Roads
- State Boundary
- County Boundary

Data Source: EQT, TRC, ESRI, USGS

Appendix 1-B		Date: November 2nd, 2018
PA-RONC-H650-USGS-10	REV: P2	PAGE: 10

16350 Park Ten Pl Ste 101
Houston, Texas 77084

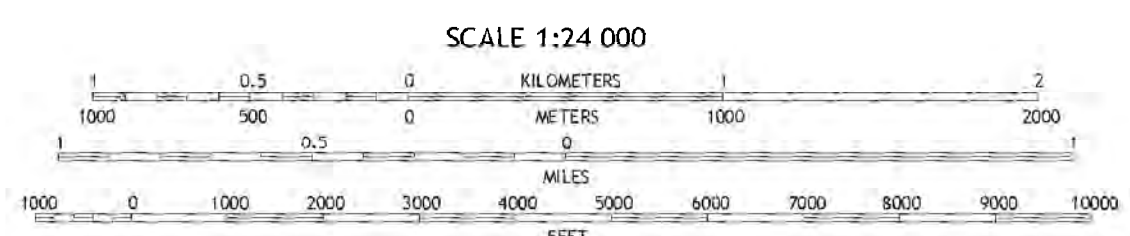
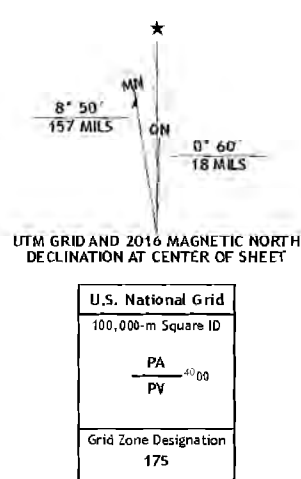
Results you can rely on



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

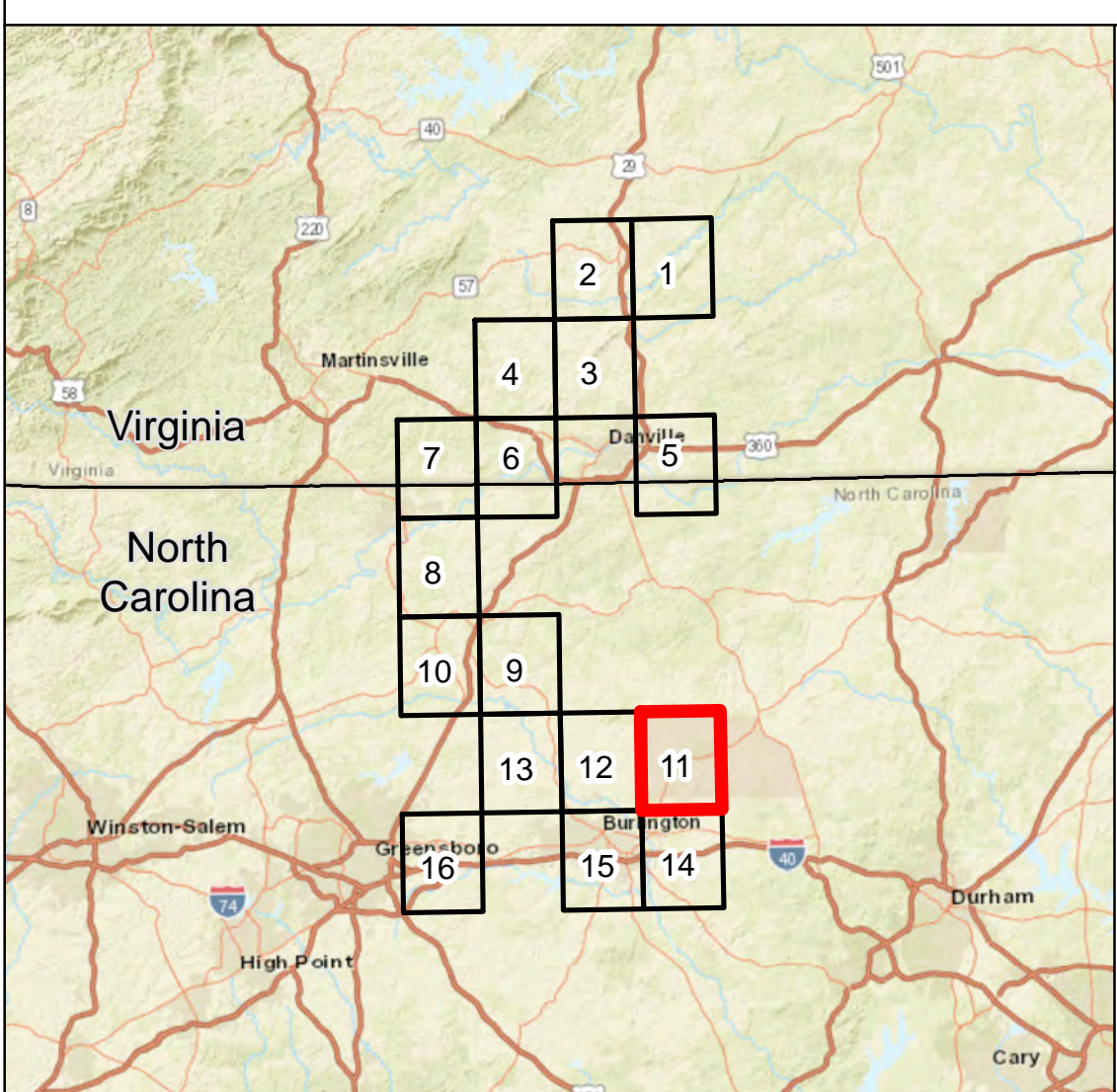
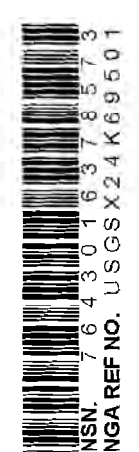


ROAD CLASSIFICATION

Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	4w/1
Interstate Route	US Route
	State Route

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

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

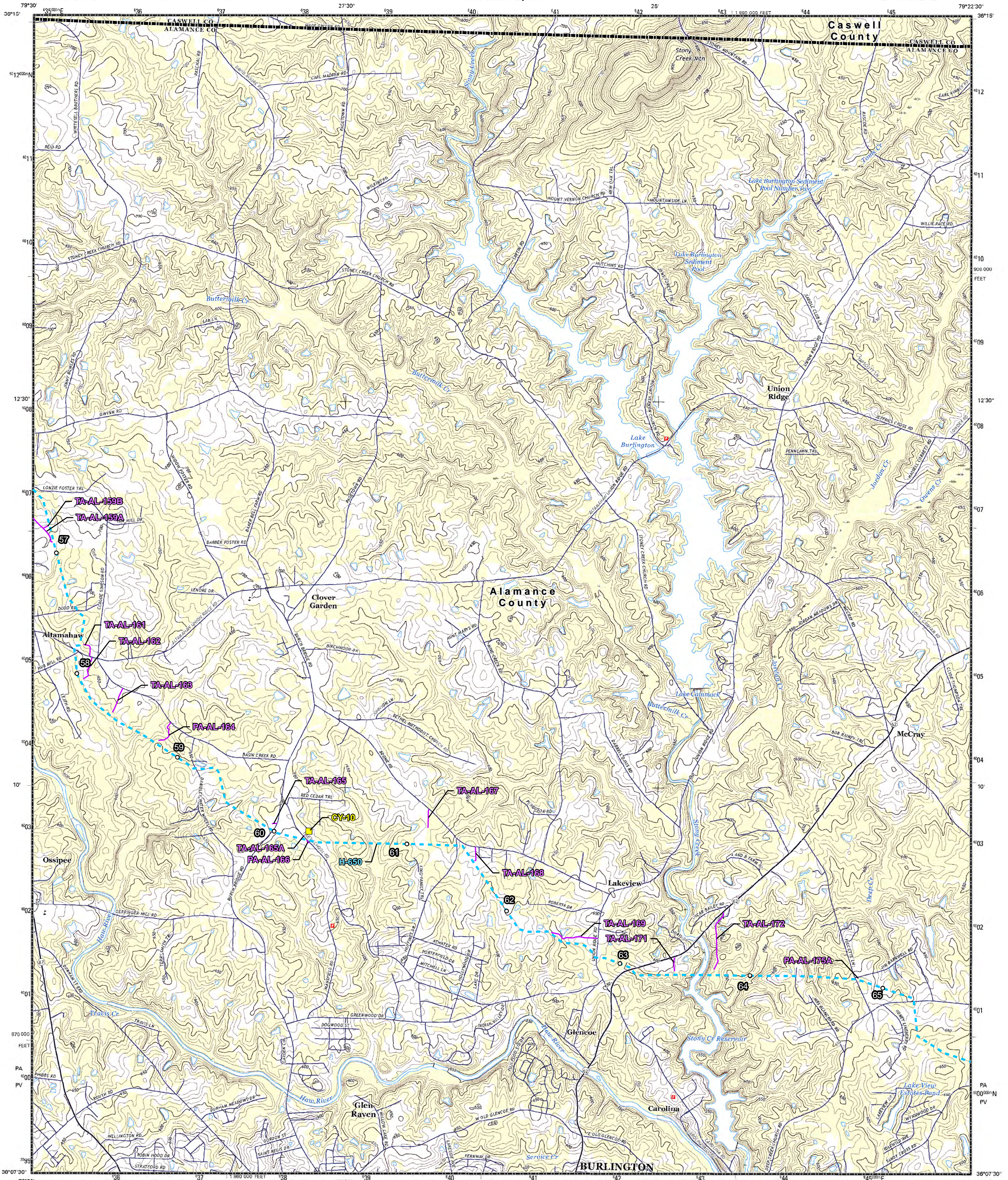
Data Source: EQT, TRC, ESRI, USGS

Mountain Valley PIPELINE LLC

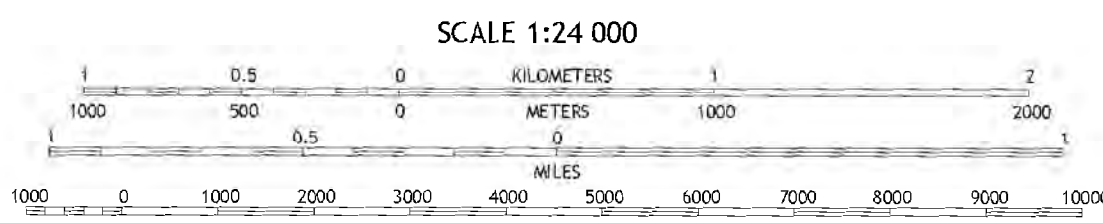
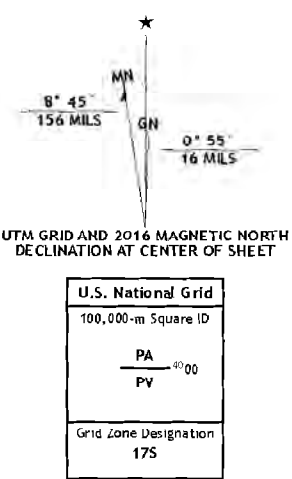
Appendix 1-B Date: November 2nd, 2018

PA-ALNC-H650-USGS-11 REV: P2 PAGE: 11

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



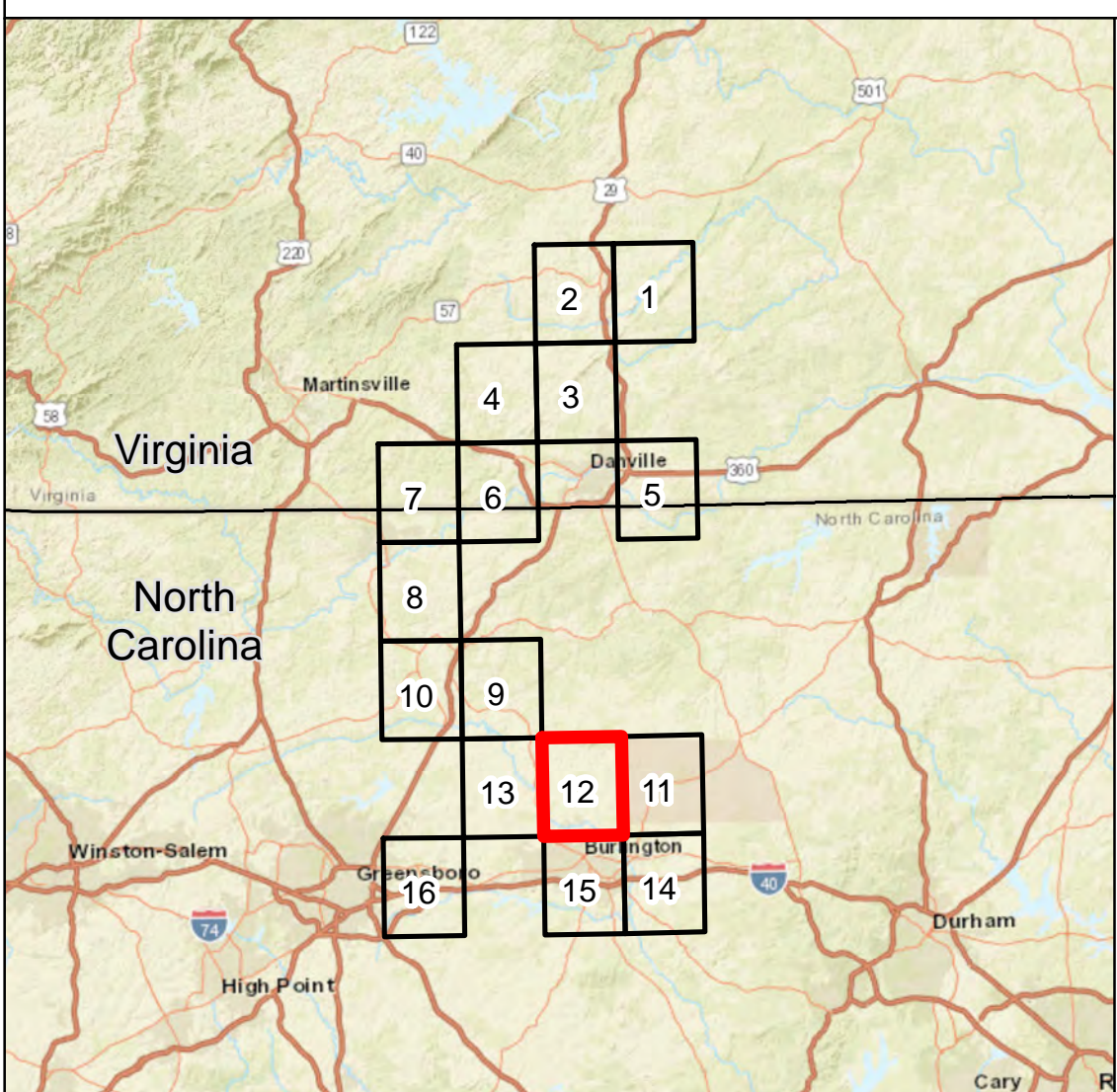
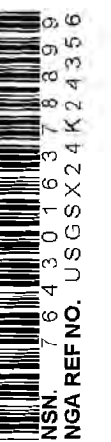
Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84) Projection and
1000-meter grid: Universal Transverse Mercator, Zone 17
10,000-foot ticks: North Carolina Coordinate System of 1983
This map is not a legal document. Boundaries may 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
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



ADJOINING QUADRANGLES

1	2	3
4	5	6
7	8	9

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



Appendix 1-B

Date: November 2nd, 2018

PA-ALNC-H650-USGS-12

REV: P2

PAGE: 12



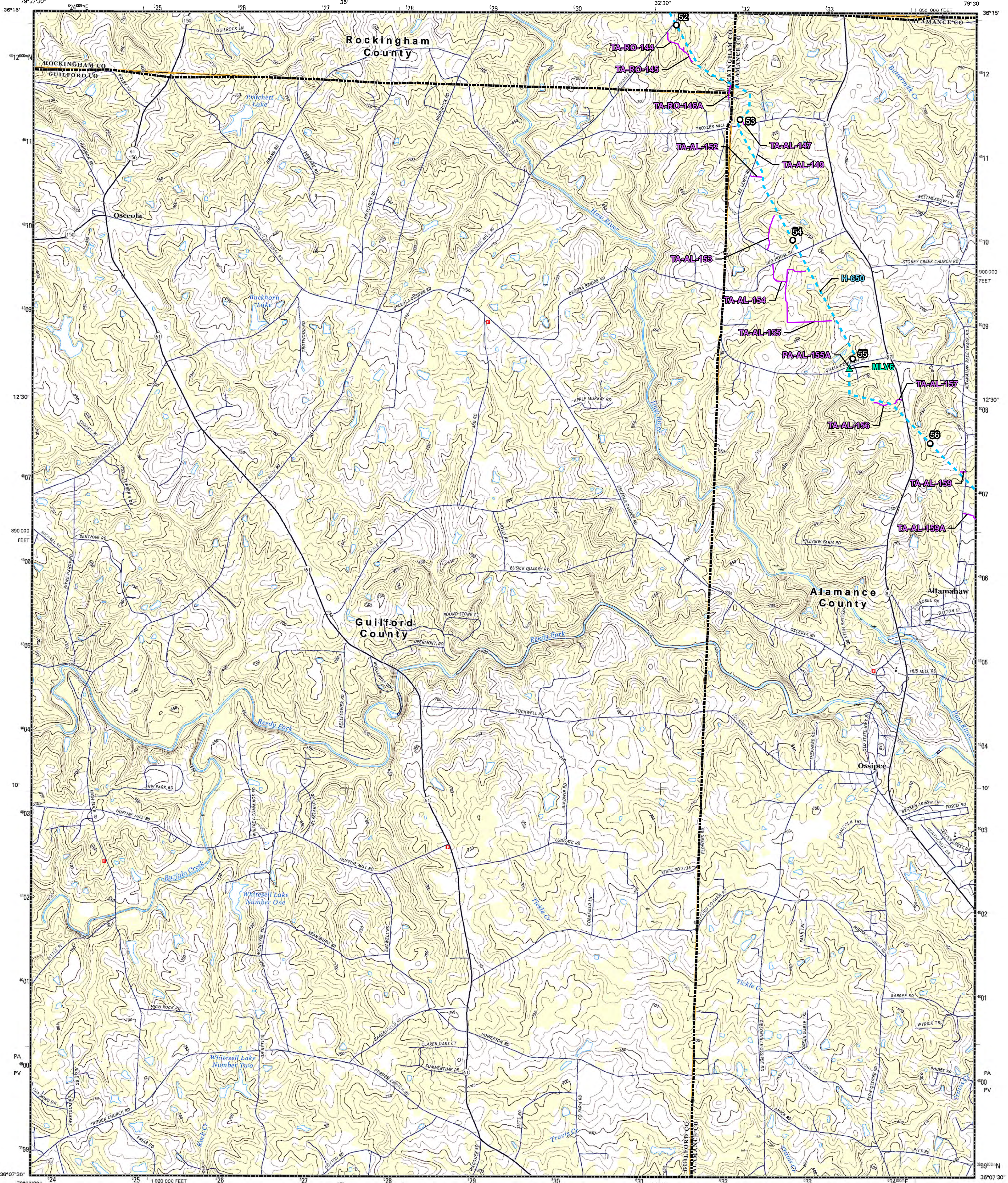
16350 Park Ten PI Ste 101
Houston, Texas 77084



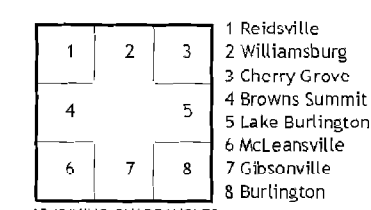
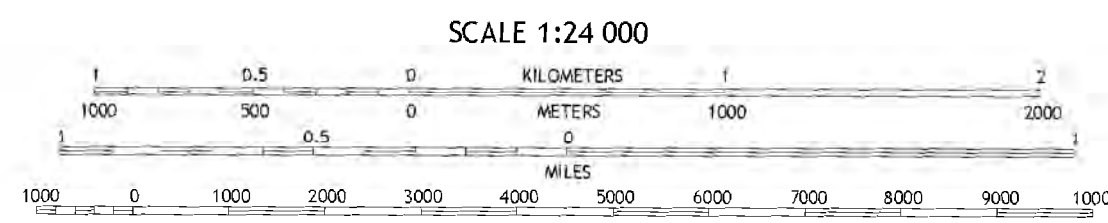
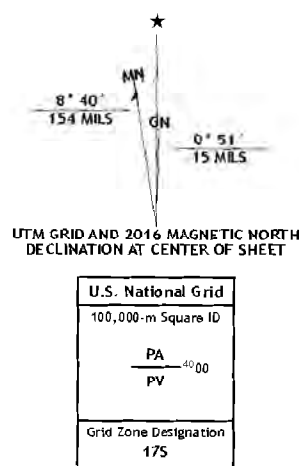
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



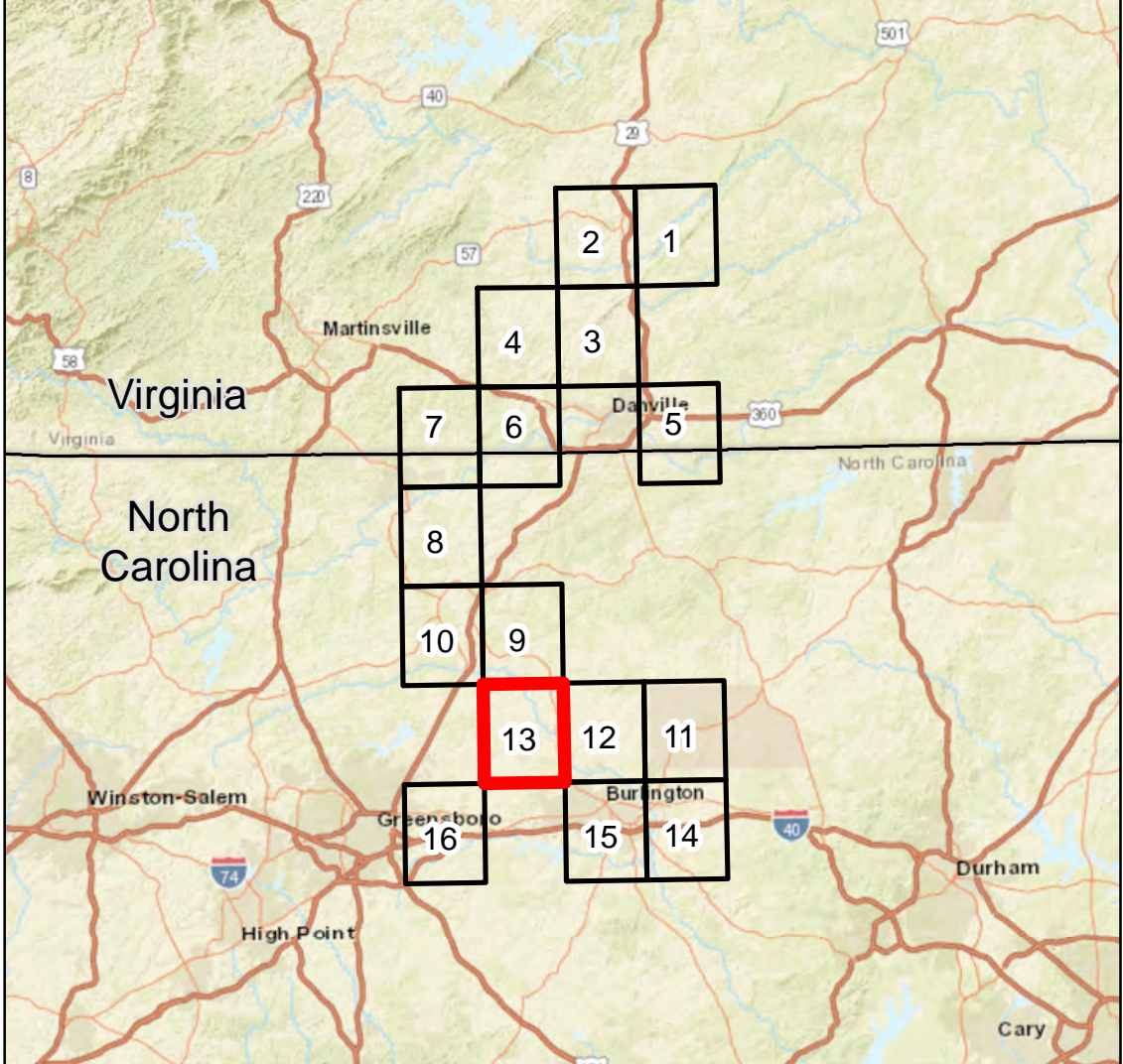
OSSIPEE QUADRANGLE
NORTH CAROLINA
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84) Projection and
1000-meter 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:.....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

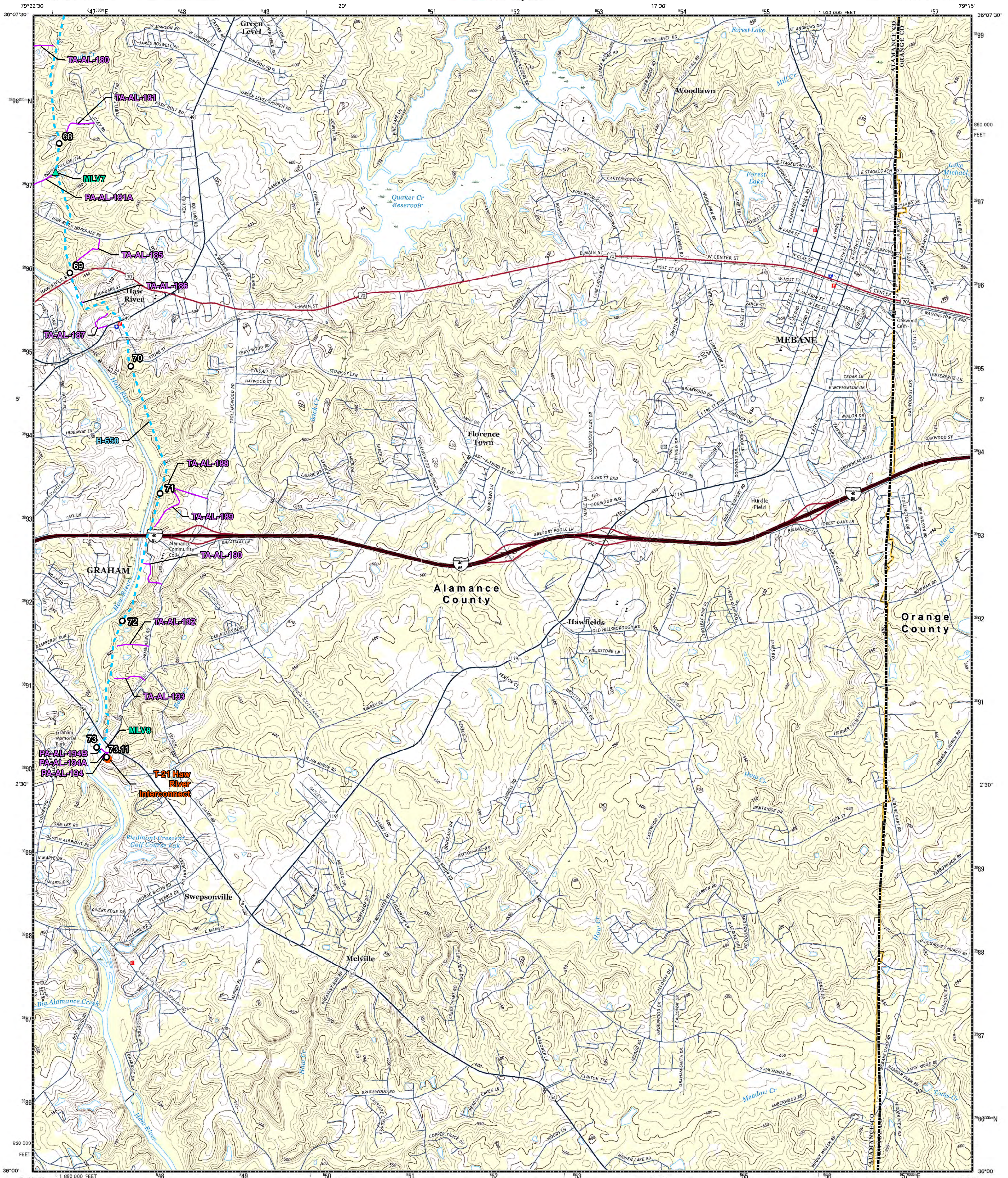
Data Source: EQT, TRC, ESRI, USGS, NWI



Appendix 1-B Date: November 2nd, 2018

PA-ALNC-H650-USGS-13 REV: P2 PAGE: 13

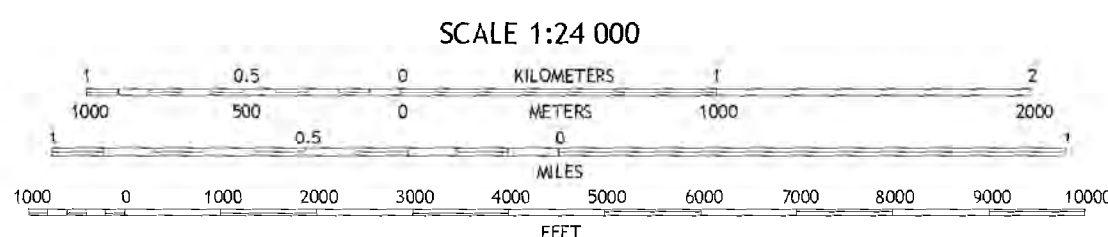
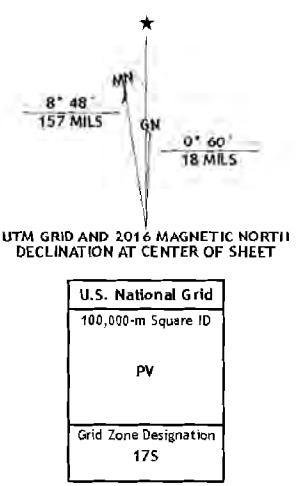




Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84) Projection and
1:100,000 scale grid Universal Transverse Mercator (zone 17)
10,000-foot ticks: North Carolina Coordinate System of 1983

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, June 2014
Roads: U.S. Census Bureau, 2015 - 2016
Names: CNIS, 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 Roads
- 4WD
- US Route
- State Route

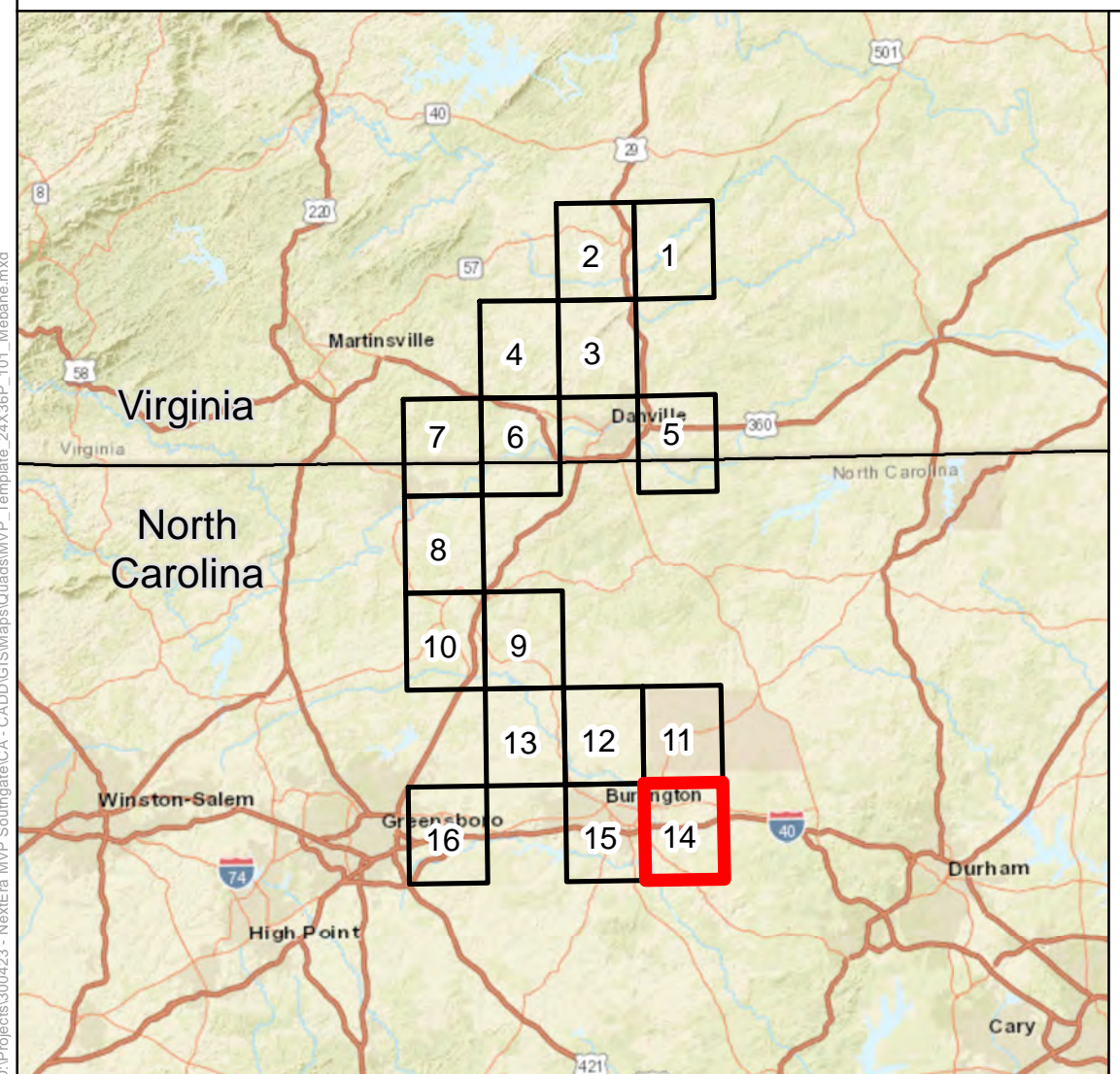
QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	9

1 Lake Burlington
2 Burlington NE
3 Cedar Grove
4 Burlington
5 Flann
6 Snow Camp
7 Snowshoe
8 White Cross

MEBANE, NC
2016

NSN 7540-01-000-0000
USGS 7.5-MINUTE SERIES
NGA REF NO. USGSX24K2608



- 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

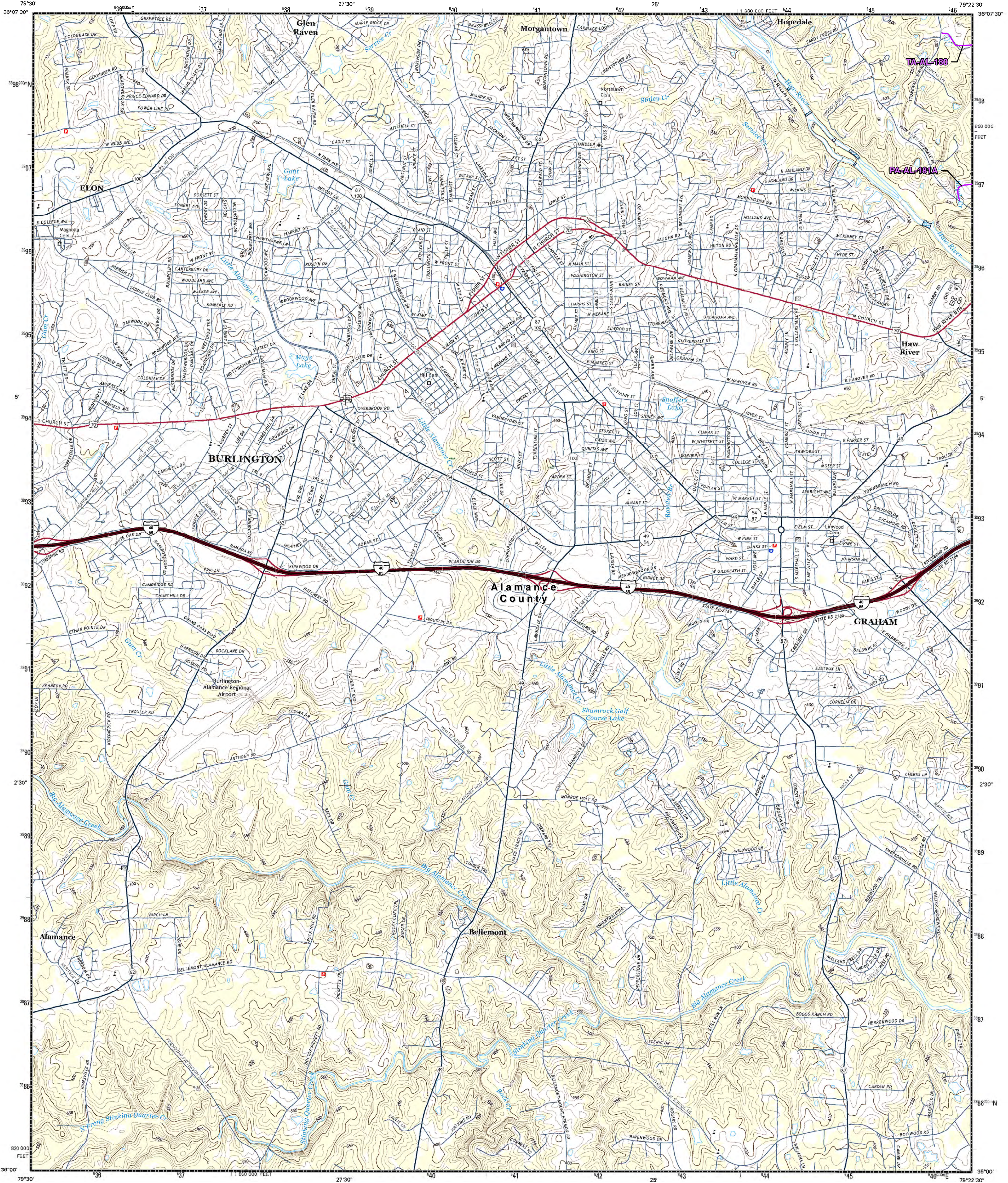
Mountain Valley
PIPELINE LLC

Appendix 1-B Date: November 2nd, 2018

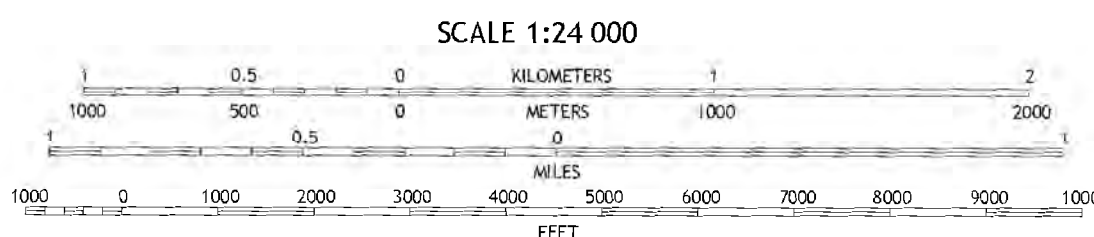
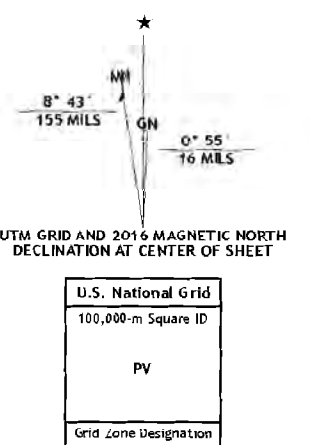
PA-ALNC-H650-USGS-14 REV: P2 PAGE: 14

TRC
Results you can rely on

16350 Park Ten PI Ste 101
Houston, Texas 77084



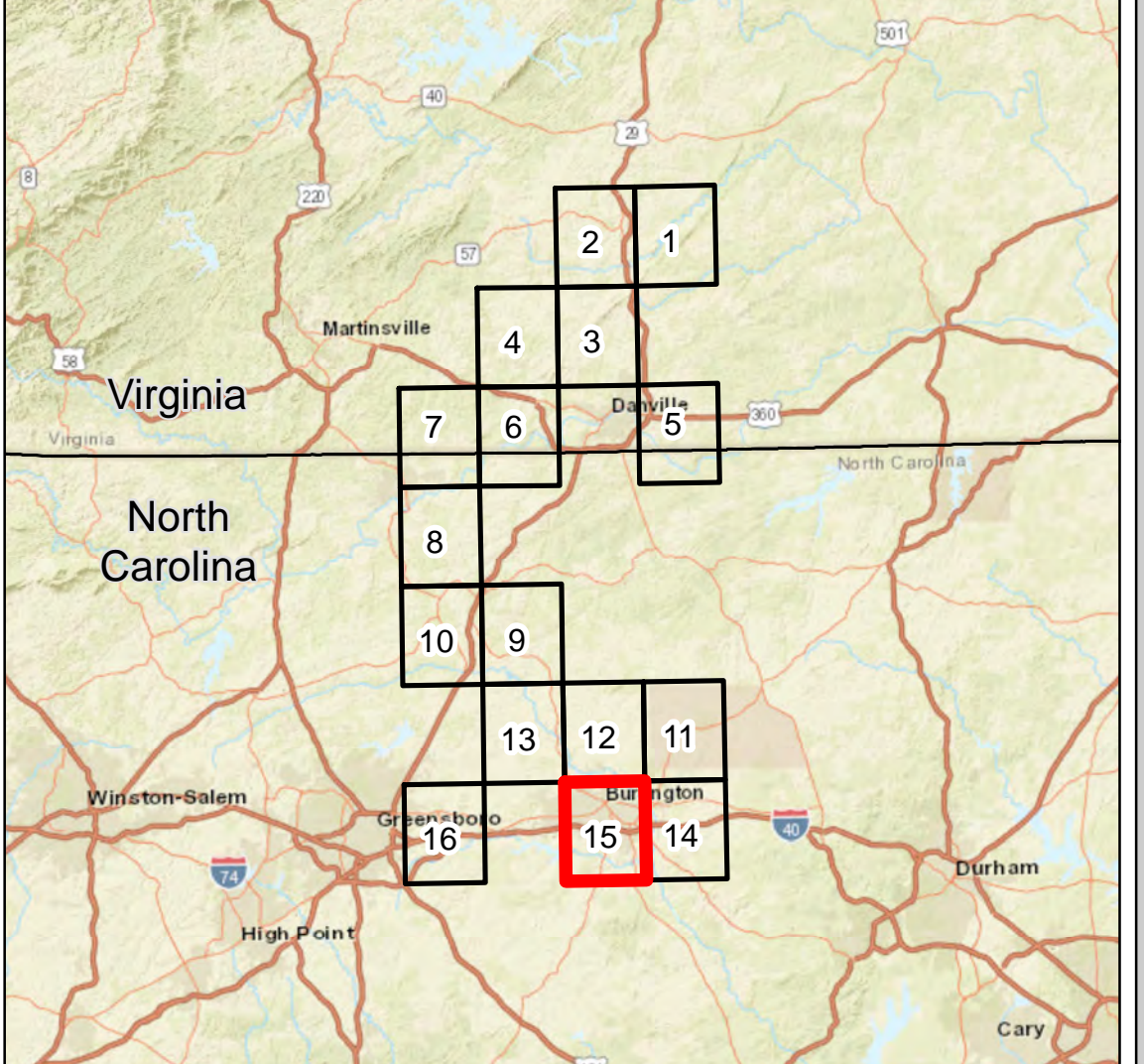
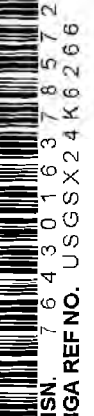
Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84), Projection and
1:250,000 metric gage Universal Transverse Mercator, Zone 17S
10,000-foot ticks: North Carolina Coordinate System of 1983
This map is not a legal document. Boundaries 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
Names:.....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
	Secondary Hwy
	Ramp
	Interstate Route
	US Route
	State Route
	Local Connector
	Local Road
	4WD

1	2	3	1 Orifine
4	5	6	2 Burlington NE
7	8	9	3 Glendonville
10	11	12	4 Mebane
13	14	15	5 Kimsesville
16	17	18	6 Snow Camp
19	20	21	7 Skippahaw

BURLINGTON, NC
2016



Legend

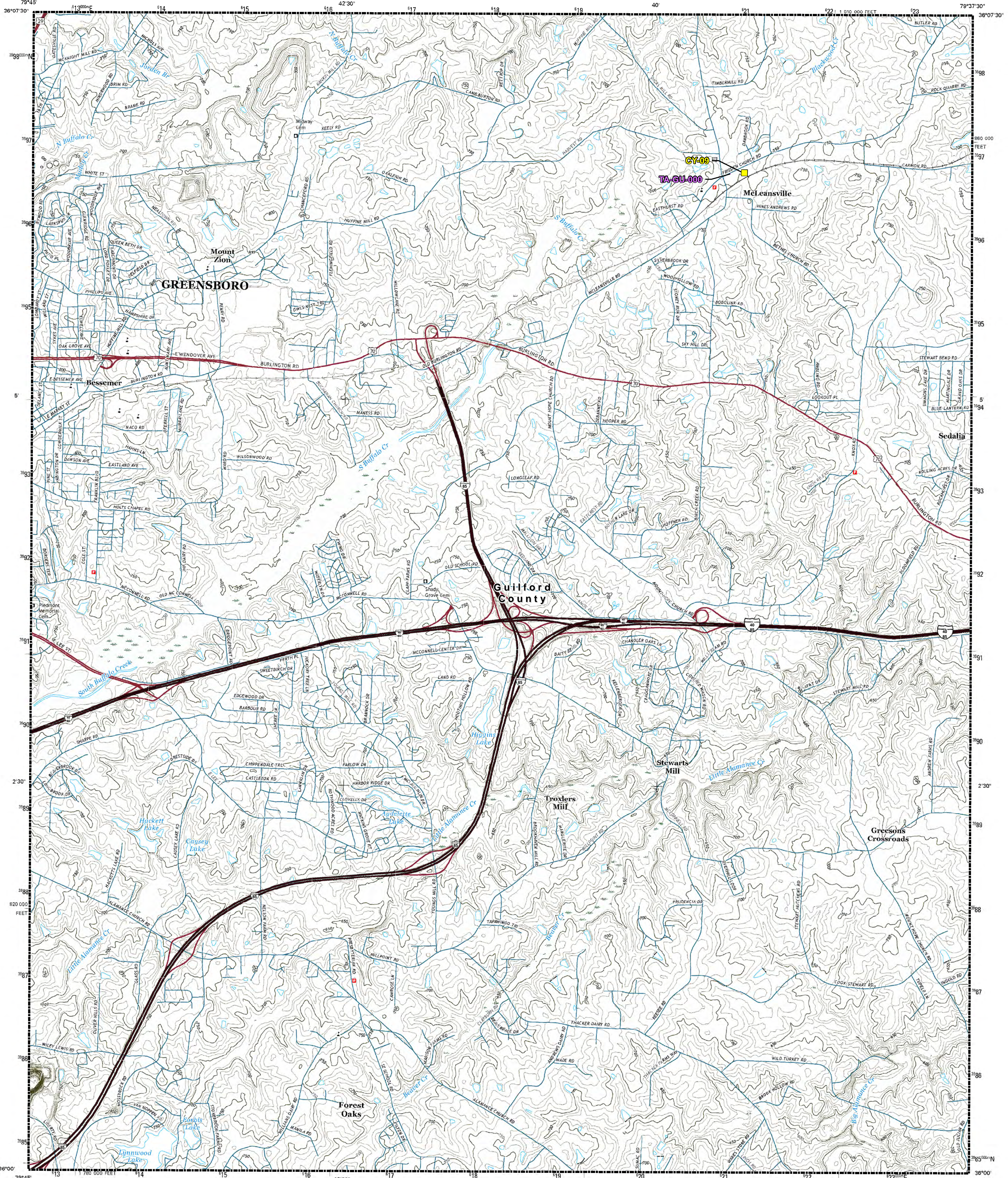
- Mileposts
- Compressor Station
- Facility Sites
- Contractor Yards
- Meter Stations
- Valve Sites
- Proposed Pipeline Route
- Access Roads
- State Boundary
- County Boundary

Data Source: EQT, TRC, ESRI, USGS

Mountain Valley PIPELINE LLC

Appendix 1-B	Date: November 2nd, 2018	
PA-ALNC-H650-USGS-15	REV: P2	PAGE: 15

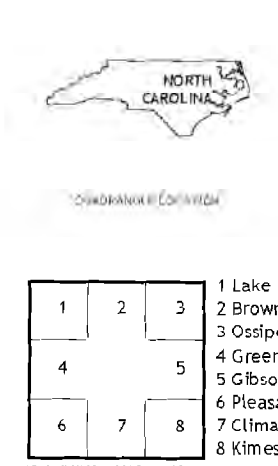
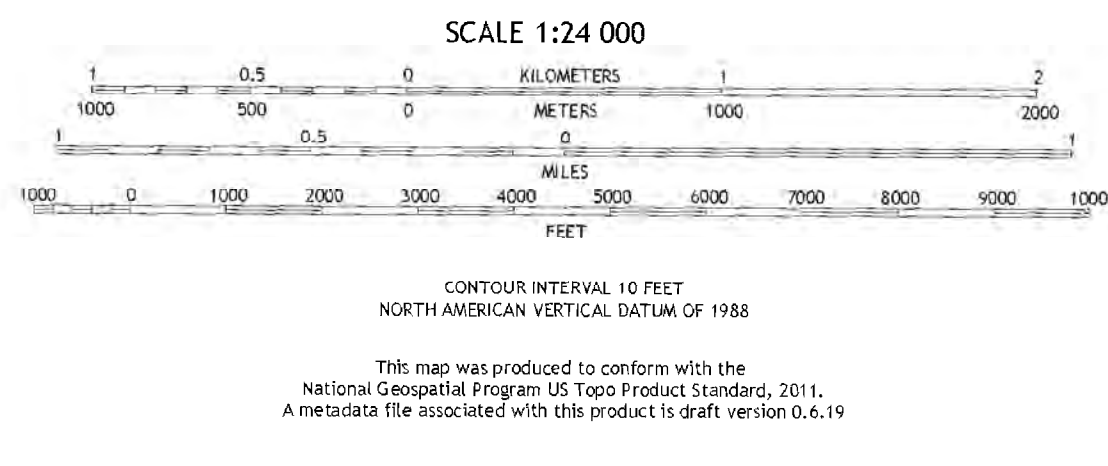
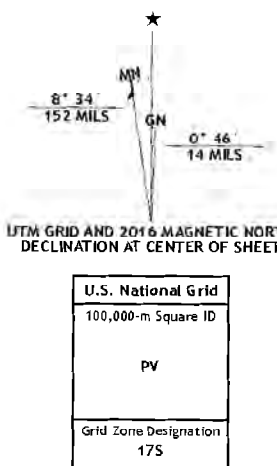
TRC Results you can rely on
16350 Park Ten Pl Ste 101
Houston, Texas 77084



Produced by the United States Geological Survey
 Not to American Datum of 1983 (NAD83)
 World Geodetic System of 1984 (WGS84) Projection and
 1:000 meter gage; 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
 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	Local Connector
Secondary Hwy	Local Road
Ramp	4WD
Interstate Route	US Route
	State Route

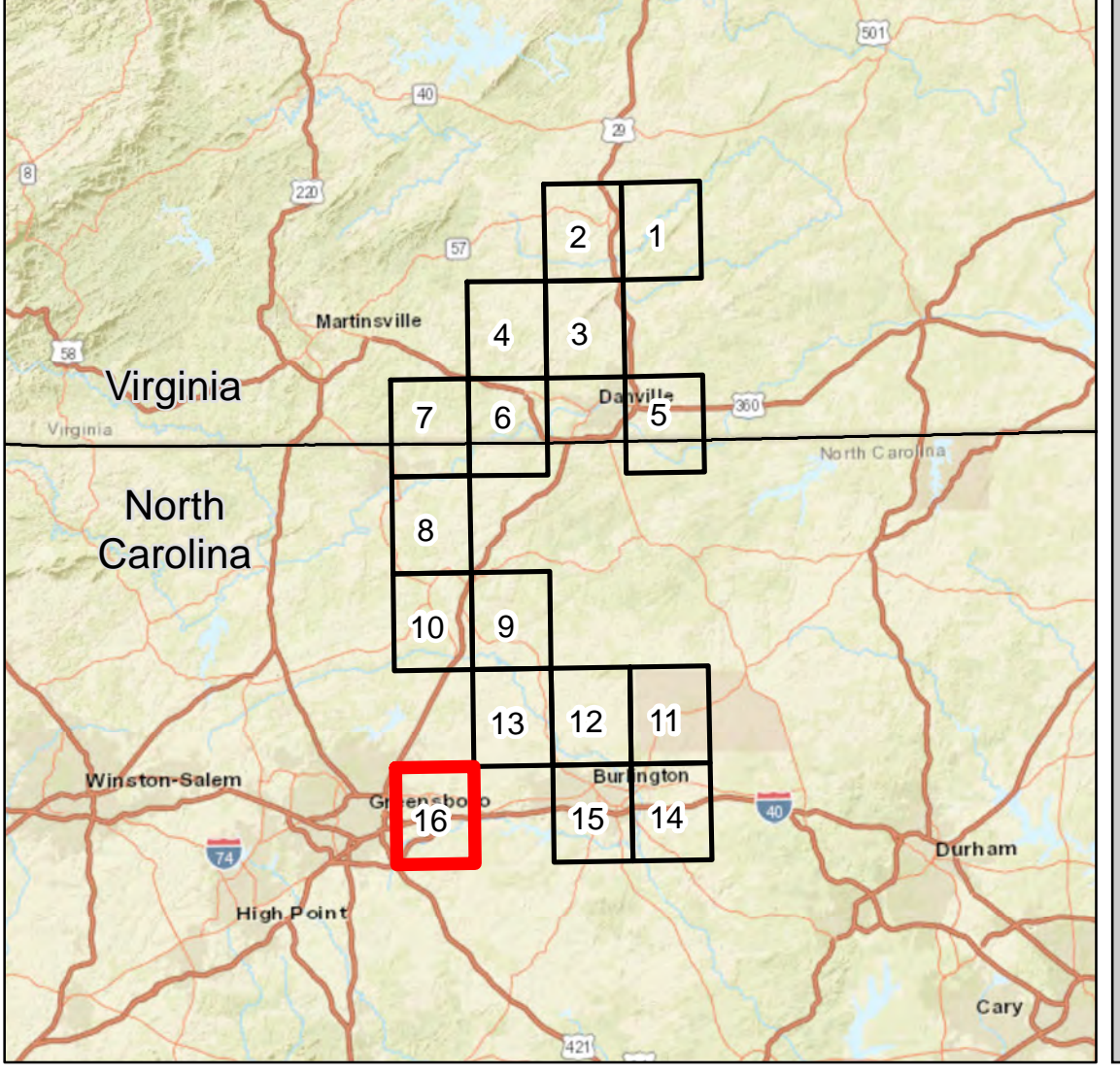
1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

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

MCLEANSVILLE, 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: November 2nd, 2018

PA-GUNC-H650-USGS-16 REV: P2 PAGE: 16

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