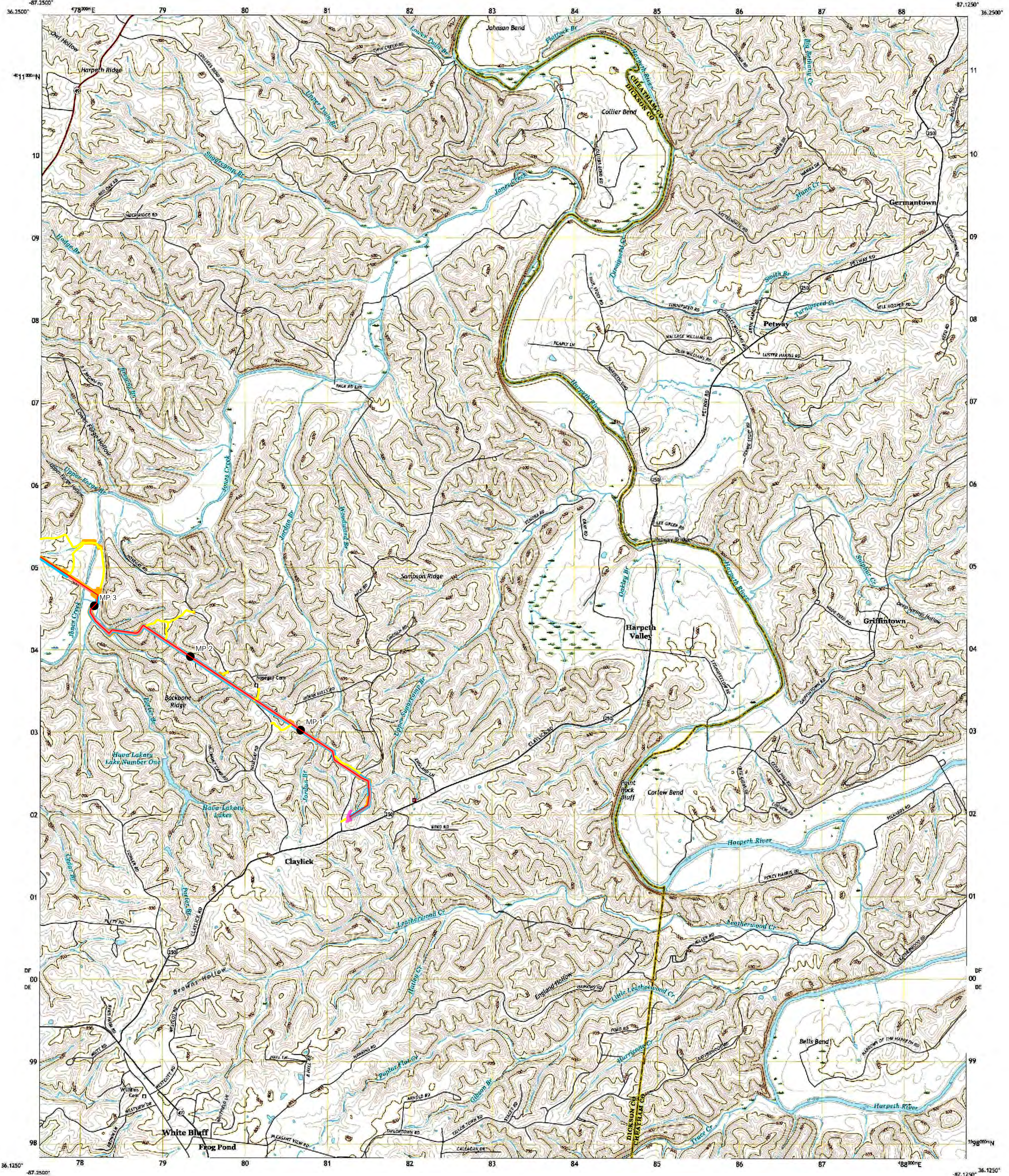


APPENDIX 1.A.2

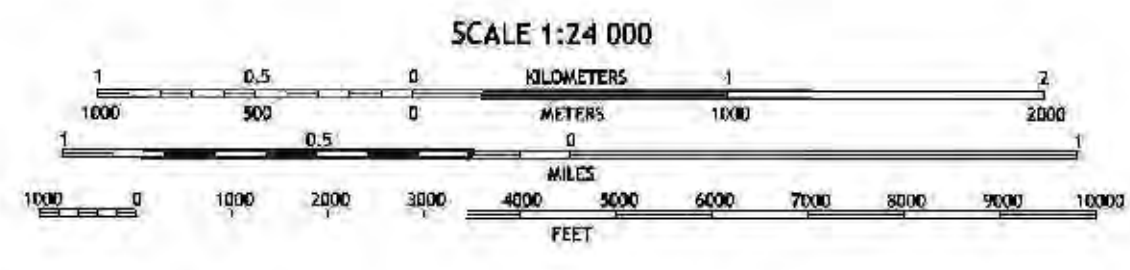
Full Size USGS Quad Sheets

The contents of this Appendix are provided in Volume II: Public



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1:60 meter spatial resolution Tennessee Mercator, Zone 16S
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Imagery: NADP, June 2016 - October 2016
Roads: U.S. Census Bureau, 2010 - 2019
Names: U.S. Census Bureau, 2010 - 2019
Hydrography: National Hydrography Dataset, 2004 - 2016
Contours: National Elevation Dataset, 2000 - 2001
Boundaries: Multiple sources; see metadata file 2017 - 2018
Wetlands: FWS National Wetlands Inventory 1981



QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

- 1 Cumberland Furnace
- 2 Chewachee Dam
- 3 Ashland City
- 4 Chatskate
- 5 Liberty
- 6 Harney
- 7 White Bluff
- 8 Kingsport Springs

ROAD CLASSIFICATION

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

HARPETH VALLEY, TN
2019

Legend

- Milepost
- Proposed Pipeline
- Access Roads
- Proposed Pressure Regulation Station
- Additional Temporary Workspace
- Permanent Easement
- Temporary Workspace



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0 2,000 4,000 6,000 Feet
0 610 1,220 1,830 Meters

**USGS 7.5-Minute Topographic Quadrangle
Harpeth Valley, Tennessee (2019)**
Map 1 of 8
Cumberland Project
Dickson, Houston & Stewart Counties, Tennessee





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

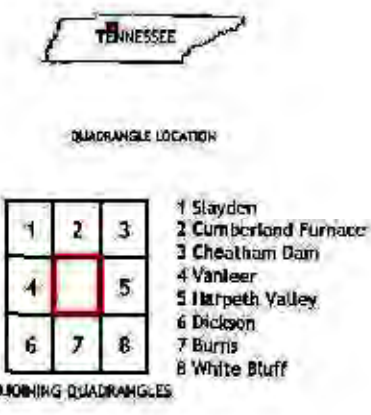
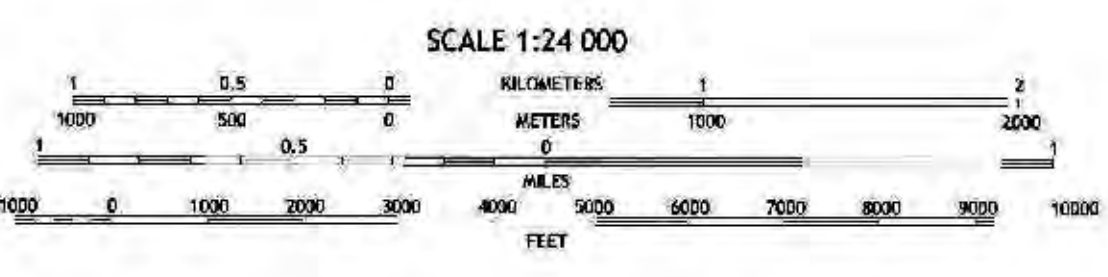


CHARLOTTE QUADRANGLE
TENNESSEE - DICKSON COUNTY
7.5-MINUTE SERIES

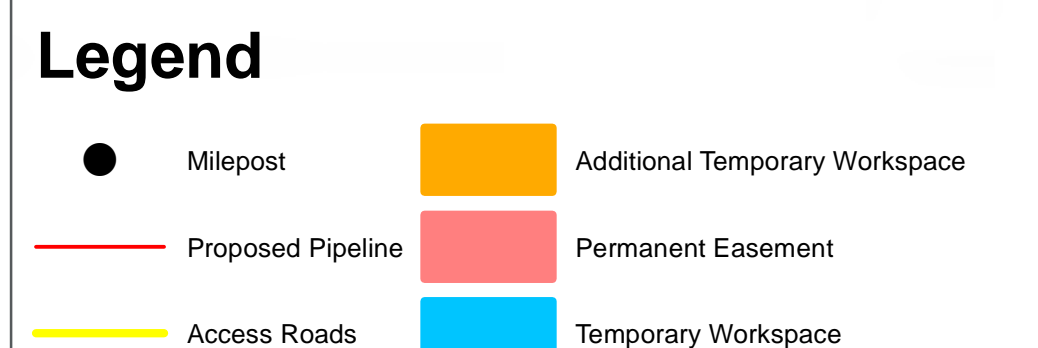


Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84) - Projection and
1 000-meter grid (Universal Transverse Mercator, Zone 18E)
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Images: NAIP, June 2016 - October 2016
Roads: U.S. Census Bureau, 2016
Hydrography: National Hydrography Dataset, 2002 - 2016
Contours: National Elevation Dataset, 2000 - 2011
Boundaries: Multiple sources; see metadata file 2017 - 2018
Wetlands: FWS National Wetlands Inventory 1981



CHARLOTTE, TN
2019



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USGS 7.5-Minute Topographic Quadrangle
Charlotte, Tennessee (2019)
Map 2 of 8
Cumberland Project
Dickson, Houston & Stewart Counties, Tennessee

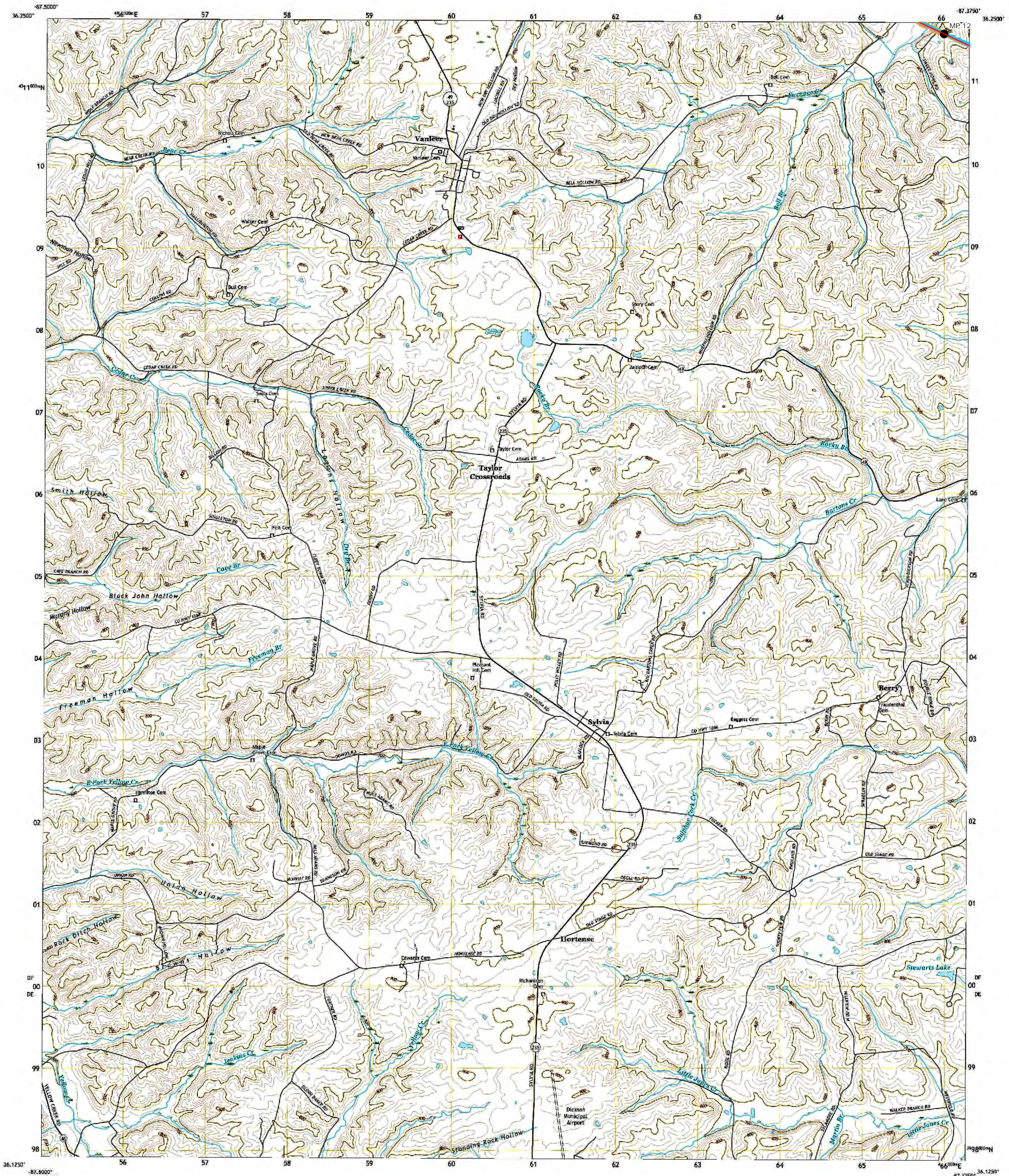




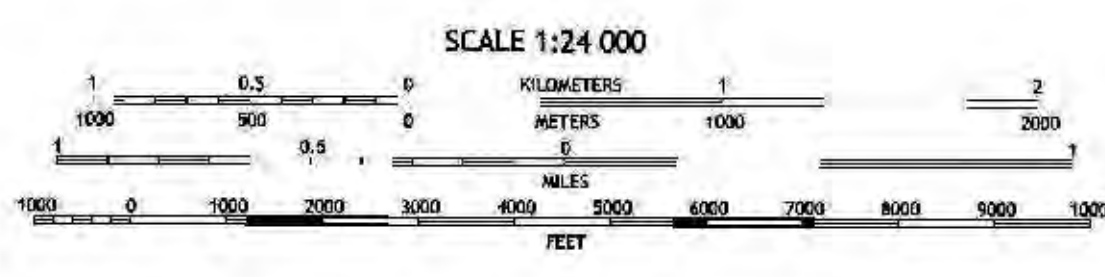
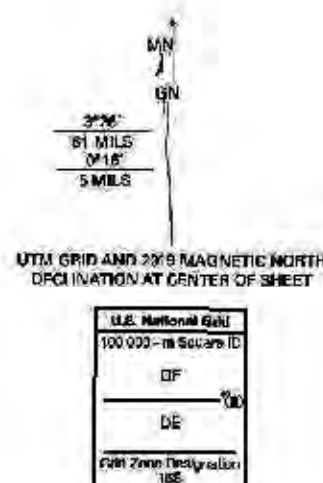
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U.S. GEOLOGICAL SURVEY



VANLEER QUADRANGLE
TENNESSEE - DICKSON COUNTY
7.5-MINUTE SERIES



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North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection is
1 degree square Universal Transverse Mercator, Zone 18C.
This map is not a legal document. Boundaries may be
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entering private lands.



QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	9

ADJACENT QUADRANGLES

- 1 Elk Mills
- 2 Skyden
- 3 Cumberland Plateau
- 4 Ralston
- 5 Charlotte
- 6 Tennessee City
- 7 Dickson
- 8 Burns

ROAD CLASSIFICATION

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

VANLEER, TN
2019

- Legend**
- Milepost
 - Proposed Pipeline
 - Additional Temporary Workspace
 - Permanent Easement
 - Temporary Workspace



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USGS 7.5-Minute Topographic Quadrangle
Vanleer, Tennessee (2019)
Map 3 of 8
Cumberland Project
Dickson, Houston & Stewart Counties, Tennessee





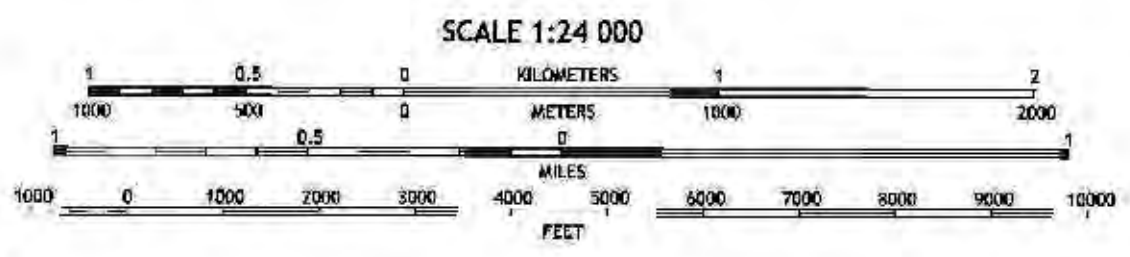
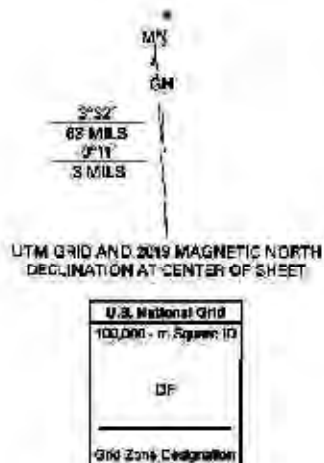
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U.S. GEOLOGICAL SURVEY



CUMBERLAND FURNACE QUADRANGLE
TENNESSEE
7.5-MINUTE SERIES



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North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
100-meter grid Universal Transverse Mercator, Zone 16S
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1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

ROAD CLASSIFICATION

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

CUMBERLAND FURNACE, TN
2019



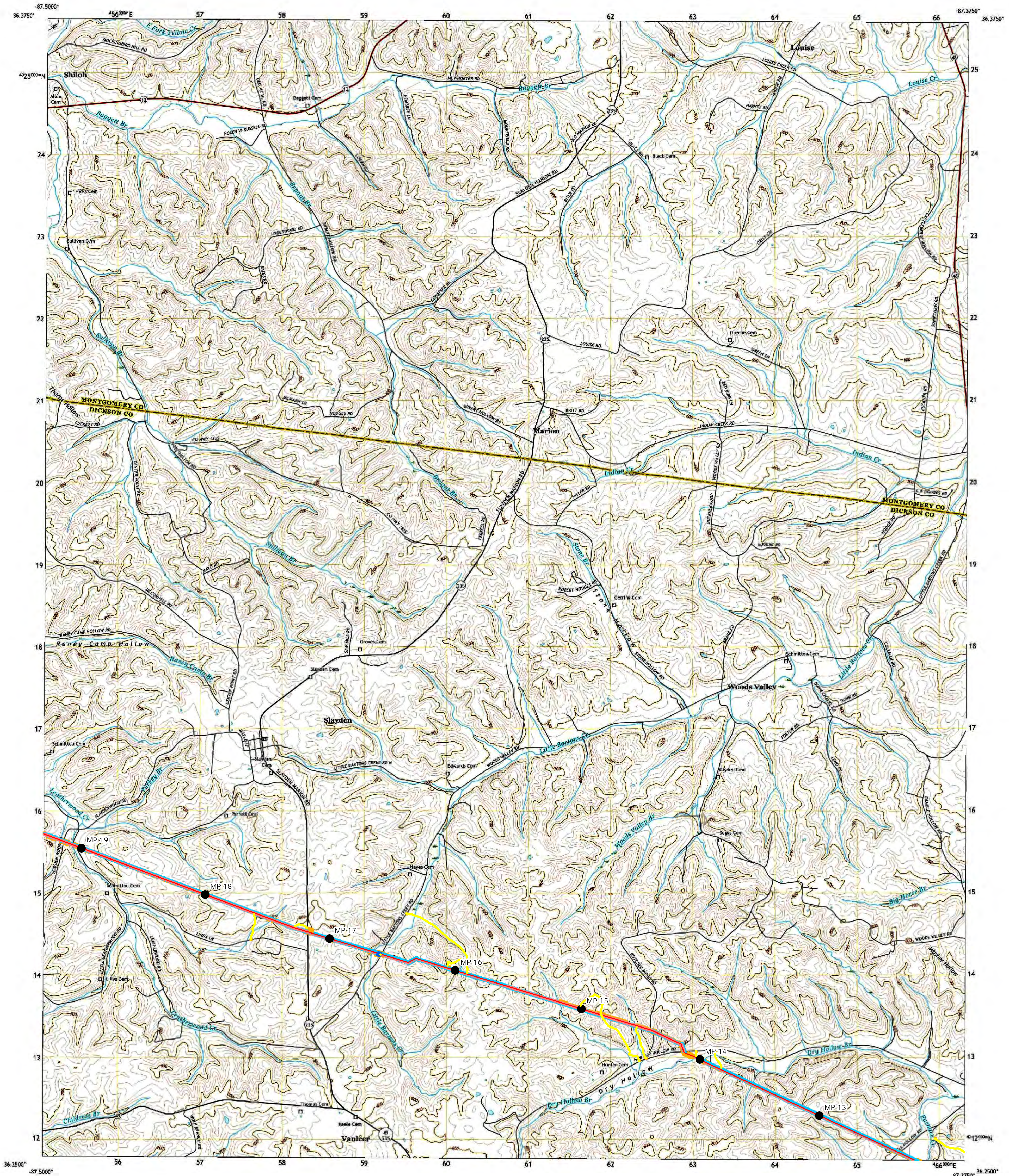
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USGS 7.5-Minute Topographic Quadrangle
Cumberland Furnace, Tennessee (2019)
Map 4 of 8
Cumberland Project
Dickson, Houston & Stewart Counties, Tennessee

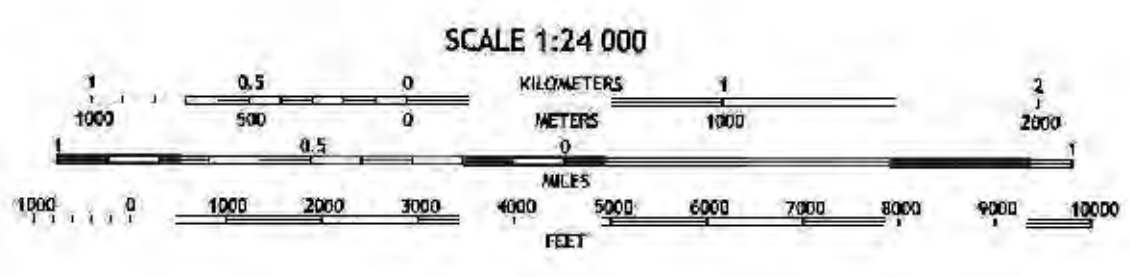


Tennessee Gas Pipeline Company, L.L.C.
a Kinder Morgan company



Produced by the United States Geological Survey North American Datum of 1983 (NAD83) World Geodetic System of 1984 (WGS84) Projection and 1:50,000 scale (Horizontal) Transverse Mercator, Zone 18S. 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.

UTM GRID COORDINATES BY RECTANGULAR METHOD: DECLINATION AT CENTER OF SHEET



ADJOINING QUADRANGLES table with 3 columns and 8 rows of grid numbers and corresponding quadrangle names.

ROAD CLASSIFICATION: Expressway, Secondary Hwy, Range, Interstate Route, US Route, State Route, Local Connector, Local Road, etc.

SLAYDEN, TN 2019

- Legend: Milepost, Proposed Pipeline, Access Roads, MLV Site, Additional Temporary Workspace, Permanent Easement, Temporary Workspace.



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USGS 7.5-Minute Topographic Quadrangle Slayden, Tennessee (2019) Map 5 of 8 Cumberland Project Dickson, Houston & Stewart Counties, Tennessee

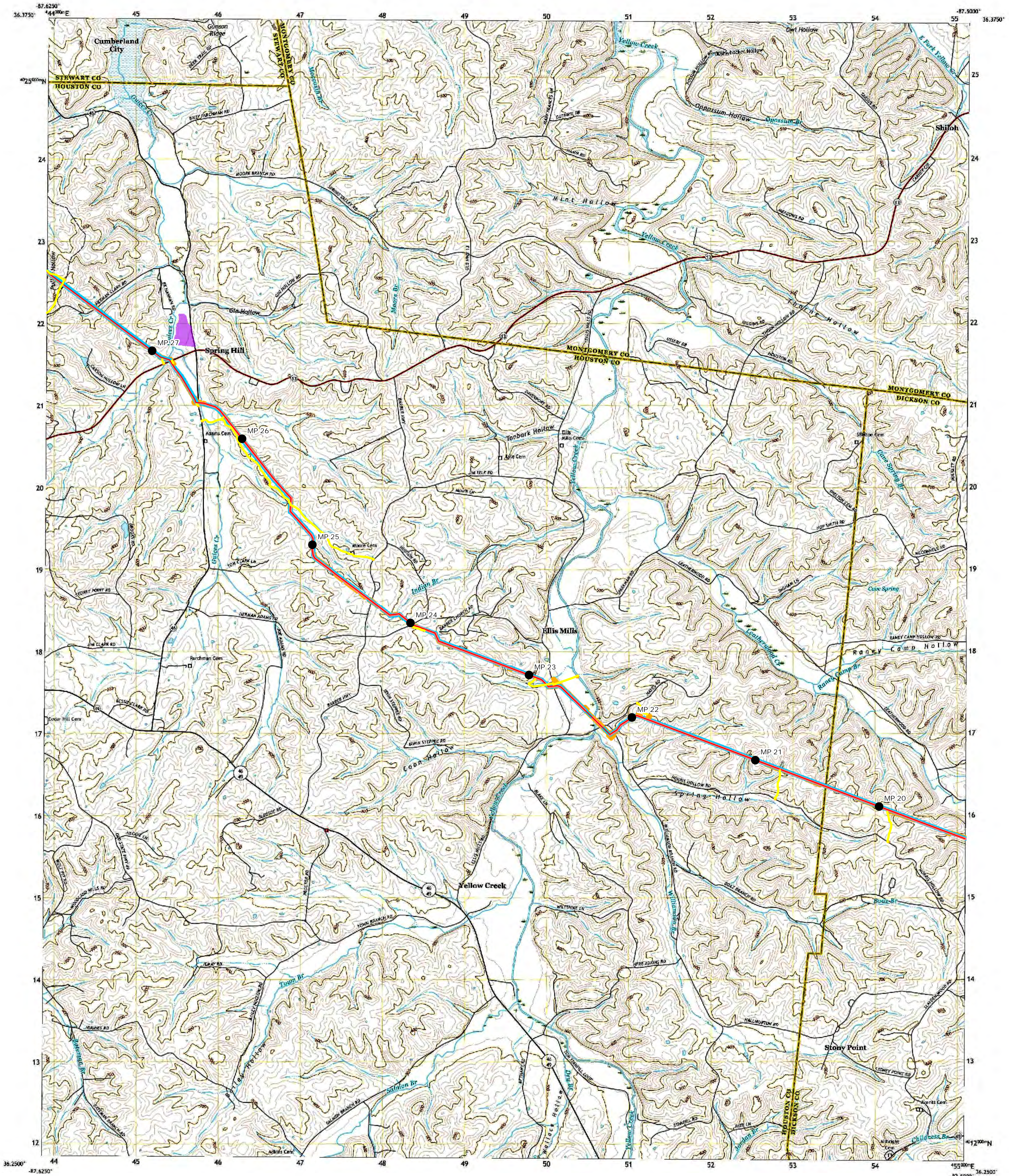




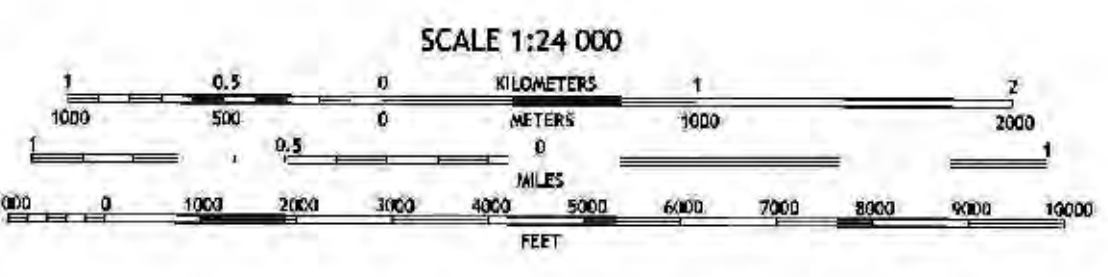
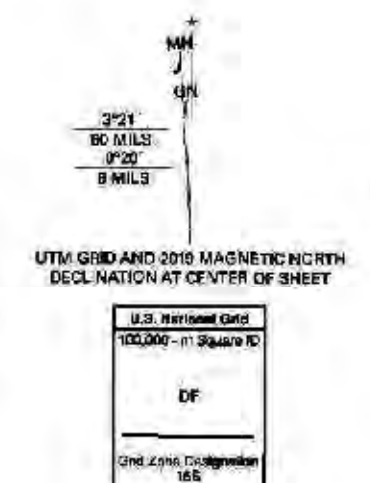
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U.S. GEOLOGICAL SURVEY



ELLIS MILLS QUADRANGLE
TENNESSEE
7.5-MINUTE SERIES



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World Geodetic System of 1984 (WGS84). Projection and
1,000-meter grid (Universal Transverse Mercator, Zone 18S)
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entering private lands.
Imagery:MAP, August 2016 - October 2016
Roads:USGS, Current Survey, 2016
Hydrography:National Hydrography Dataset, 1999 - 2016
Contours:National Elevation Dataset, 2003 - 2018
Boundaries:Multiple sources; see metadata file 2017 - 2018
Vegetation:FWS, National Wetlands Inventory, 1981



ROAD CLASSIFICATION

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

ROAD CLASSIFICATION

1	2	3
4	5	6
7	8	9

ADJACENT QUADRANGLES

1	2	3
4	5	6
7	8	9

1 Cumberland City
2 Needmore
3 Paducah
4 Ellis
5 Slaysden
6 Washburn
7 Radwin
8 Warbur



ELLIS MILLS, TN
2019

- Legend**
- Milepost
 - Proposed Pipeline
 - Access Roads
 - Contractor Yard
 - Additional Temporary Workspace
 - Permanent Easement
 - Temporary Workspace



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USGS 7.5-Minute Topographic Quadrangle
Ellis Mills, Tennessee (2019)
Map 6 of 8
Cumberland Project
Dickson, Houston & Stewart Counties, Tennessee





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

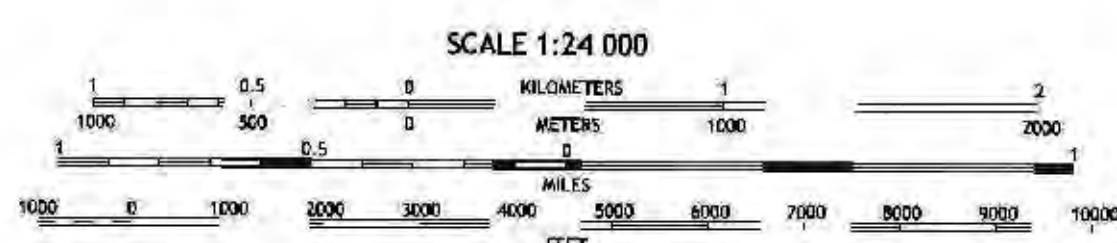
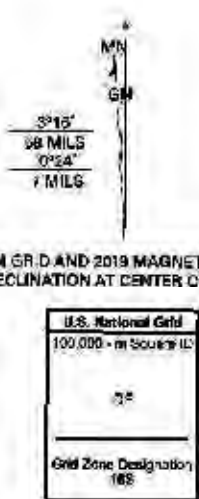


ERIN QUADRANGLE
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter geoidal vertical datum. Zone 16S
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Map: August 2016 - October 2016
Base: U.S. Census Bureau, 2016
Hydrography: National Hydrography Dataset, 1996 - 2019
Contours: National Elevation Dataset, 2016
Boundaries: Multiple sources; see metadata file 2017 - 2018
Web: National Wetlands Inventory, 1981



ADJACENT QUADRANGLES

1	2	3
4	5	6
7	8	9

1 Dover
2 Cumberland City
3 Henderson
4 Stewart
5 Erin Mills
6 Vicks Creek
7 Woodworth
8 Rutkin



ERIN, TN
2019

- Legend**
- Milepost
 - Proposed Pipeline
 - Access Roads
 - Cumberland Meter Station
 - Additional Temporary Workspace
 - Permanent Easement
 - Temporary Workspace

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USGS 7.5-Minute Topographic Quadrangle Erin, Tennessee (2019)

Map 7 of 8
Cumberland Project
Dickson, Houston & Stewart Counties, Tennessee





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

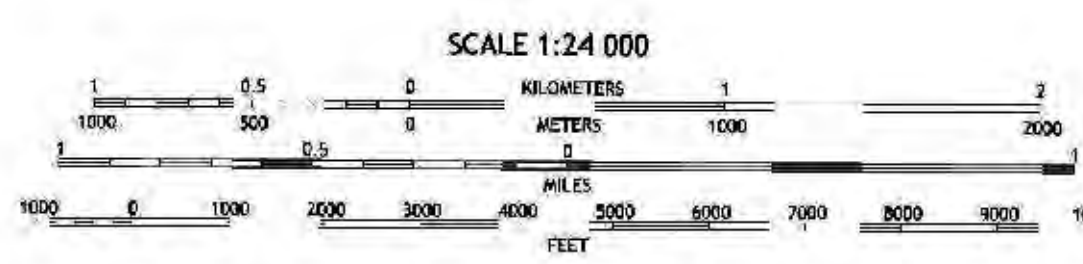


CUMBERLAND CITY QUADRANGLE
TENNESSEE - STEWART COUNTY
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83) Projection and
World Geodetic System of 1984 (WGS84) Projection
1 609-meter grid/Universal Transverse Mercator, Zone 18S
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Imagery.....NARS, August 2016 - October 2016
Relief.....U.S. Census Bureau, 2016 - 2019
Hydrography.....National Hydrography Dataset, 2002 - 2018
Contours.....National Elevation Dataset, 2010
Boundaries.....Multiple sources; see metadata file; 2017 - 2018
Watermark.....FWS National Wetlands Inventory 1981



CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1983
THIS MAP WAS PRODUCED TO CONFORM WITH THE
NATIONAL GEOGRAPHIC PROGRAM US TOPO PRODUCT STANDARD, 2011.
A metadata file associated with this product is: [http://www.usgs.gov](#)



1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

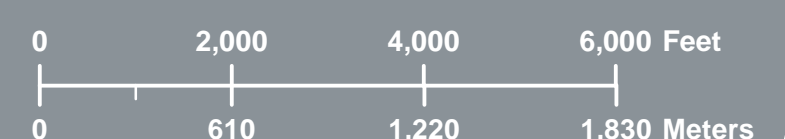
ROAD CLASSIFICATION

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

CUMBERLAND CITY, TN
2019



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USGS 7.5-Minute Topographic Quadrangle
Cumberland City, Tennessee (2019)
Map 8 of 8
Cumberland Project
Dickson, Houston & Stewart Counties, Tennessee

