


Project Information

Project Name:	Route 220 - Access Management Projects	Federal Project#:	NHPP-044-2(058)
Project Number:	0220-962-050, M501, P101, R201	Project Type:	Construction
UPC:	110887	Charge Number:	UPC 110887; ACT 600 Series
Route Number:	220	Route Type:	Primary
Project Limit--From:	Rt. 862 (Valley Ave.) Intersection	To:	Rt. 1210 (Dyer St.) Intersection
IPM Project Description:	Rte 220 Access Management Improvements Project		
Additional Project Description:	This project will improve seven intersection sites on the Route 220 corridor in the City of Roanoke, and in Roanoke, Franklin, and Henry Counties. These intersections include: 1) Valley Avenue/Southern Hills Drive; 2) Crossbow Circle/Pheasant Ridge Road; 3) Buck Mountain Road/Stable Road; 4) Indian Grave Road/Clearbrook Village Lane; 5) Wirtz Road; 6) Sontag Road; and 7) Dyer Street. The project will improve safety and traffic operations at each of these sites primarily through access management. Final design, as well as Right-of-way and Construction Phases, for Sites #5, #6, and #7 will be accomplished under Proj. #0220-033-833; P101, R201, C501; UPC 115455 [Federal Project #NHPP-033-2(053)].		
Purpose And Need:	Improve safety and traffic operations primarily through access management at seven intersections along Route 220 in Roanoke, Franklin and Henry Counties.		
District:	City/County:	Residency:	
Salem	Salem District Wide		

The subject project meets the criteria for a Programmatic Categorical Exclusion in accordance with:

23 CFR 771.117

Description of PCE Category:

c27 Highway safety or traffic operations improvement projects, including the installation of ramp metering control devices and lighting, if the project meets the constraints in paragraph (e) of this section.

UNUSUAL CIRCUMSTANCES:

NO Significant environmental impacts

Determination: There are no significant environmental impacts per Salem District Environmental Staff reviews and documentation provided below in the "Impacts" section.

NO Substantial controversy on environmental grounds

Determination: There is no controversy on environmental grounds per Salem District Environmental Staff reviews and documentation provided below in the "Impacts" section.

- NO** Significant impact on properties protected by Section 4(f) of the Department of Transportation Act or Section 106 of the National Historic Preservation Act
Determination: There are no impacts per Salem District Environmental Staff reviews and documentation provided below in the "Impacts" section.
- NO** Inconsistencies with any Federal, State, or local law, requirement or administrative determination relating to the environmental aspects of the action
Determination: There are no inconsistencies per Salem District Environmental Staff reviews and documentation provided below in the "Impacts" section.

IMPACTS:

- NO** Involves acquisition of more than minor amounts of temporary or permanent right of way acquisition
Determination: This project will include a Right of Way totaling 1.61 acres (Fee Acquisition - 0.17 acre; Temporary Construction Easements - 1.44 acres) per correspondence from the VDOT Project Manager / Design Consultant, dated 09/14/2020.
- NO** Involves acquisitions that result in more than limited residential and non-residential displacements, based on the context and intensity of the impact
Determination: This project will not involve any residential or non-residential displacements per correspondence from the VDOT Project Manager, dated 09/09/2020.
- NO** Results in capacity expansion of a roadway by addition of through lanes
Determination: The scope of work for this project is limited to improving safety and traffic operations through access management, and does not involve capacity expansion by the addition of through lanes per the Project Early Notification form (EQ-429), dated 09/16/2020.
- NO** Involves the construction of temporary access, or the closure of an existing road, bridge, or ramps, that would result in major traffic disruptions, based on the context and intensity of the impact
Determination: The seven intersection projects will involve temporary lane and shoulder closures with continuous traffic flow to be maintained in each work zone per correspondence from the VDOT Project Manager / Design Consultant, dated 09/10/2020.
- NO** Results in a determination of adverse effect on historic properties pursuant to Section 106 of the National Historic Preservation Act (54 U.S.C. §306108)
Determination: This project will have no effect on historic properties pursuant to Section 106 per the Cultural Resources Summary Report, dated 09/16/2020.
- NO** Requires the use of properties protected by Section 4(f) (49 U.S.C. § 303/23 U.S.C. § 138) that cannot be documented with an FHWA de minimis determination, or a programmatic Section 4(f) evaluation signed by FHWA
Determination: This project will not involve the use of properties protected by Section 4(f) per a search using the GIS Integrator, dated 09/09/2020, and the Cultural Resources Summary report, dated 09/16/2020.
- NO** Requires the acquisition of lands under the protection of Section 6(f) of the Land and Water Conservation Act of 1965 (54 U.S.C. § 200305) or other unique areas or special lands that were acquired in fee or easement with federal public-use-money and have deed restrictions or covenants on the property
Determination: This project will not involve the acquisition of any property under the protection of Section 6(f) per a search using the GIS Integrator, dated 09/09/2020.
- NO** Requires a U.S. Army Corps of Engineers Section 404 (33 U.S.C. § 1344 permit other than a Nationwide or a General Permit)
Determination: This project will not require any water quality permits per the Permit Determination, dated 05/04/2020.
- NO** Requires a U.S. Coast Guard bridge permit (33 U.S.C. § 401)
Determination: This project will not impact any waters under the jurisdiction of Section 10 of the Rivers and Harbors Act per a search using the GIS Integrator, dated 09/09/2020.

- NO** Requires work that will cause an increase of the flood level by more than one foot within a regulatory floodway of water courses or water bodies or work affecting the base floodplain (100-year flood) elevations of a water course or lake, pursuant to 23 CFR §650 subpart A
Determination: Sites 1, 3, 4 and 7 of this project are partially located within areas designated Zone AE Floodway per a search of FEMA flood maps, dated 09/09/2020; however, none of the proposed work at these intersections will cause an increase in flood levels or affect base floodplain elevations per correspondence from the VDOT Project Manager, dated 09/09/2020.
- NO** Is defined as a "Type I project" per 23 CFR §772.5 and the VDOT noise manual for purposes of a noise analysis
Determination: Based on the scope of work, the C. O. Noise Section has programmatically determined that this project is not defined as a "Type I" project.
- NO** Is likely to adversely affect federally listed species or designated critical habitat, with the exception of a "may affect, likely to adversely affect" (MALAA) determination for the Northern Long-Eared Bat or Indiana Bat when the project is within the scope of the range-wide programmatic consultation for those species
Determination: This project will not adversely effect any federally listed species or critical habitat with the exception of the northern long-eared bat, per the Threatened and Endangered Clearance Form, dated 09/18/2020. It was determined that the project "may affect" the northern long-eared bat; however, the project is relying upon the findings of the Programmatic Biological Opinion on Final 4(d) Rule for the Northern Long-Eared Bat and Activities Excepted from Take Prohibitions, dated 01/05/2016, to fulfill the project-specific Section 7 responsibilities.
- NO** Involves any known or potential hazardous materials issues that represent a substantial liability or require substantial regulatory negotiation to resolve. Sites representing substantial liability would not include minor issues such as low-level petroleum impacts or minimal solid waste
Determination: This project will involve future Phase II Environmental Site Assessments (ESAs) to determine the extent of known or potential hazardous materials issues, i.e., low-level petroleum contamination; however, it is not anticipated that any known or potential hazardous material issues representing a substantial liability or requiring substantial regulatory negotiation to resolve will be encountered, per the Hazardous Materials Summary Report, dated 09/17/2020.
- NO** Does not meet the provisions of the "Planning Documents and NEPA Approvals" document. In accordance with 23 CFR §450 and the FHWA/VDOT/Federal Transit Administration/Virginia Department of Rail and Public Transportation MOA Statewide Transportation Improvement Program (STIP) Procedures MOA, actions listed in 23 CFR §771.117(c) and 23 CFR §771.117(d) may be grouped
Determination: This project is included in the STIP Grouping for "Construction: Safety / ITS / Operational Improvements"; therefore, it meets fiscal constraint requirements.
- NO** Causes disproportionately high and adverse effects on any minority or low-income populations
Determination: This project will not cause any disproportionately high or adverse effects on any minority or low-income populations since there will be only minor amounts of right-of-way acquisition with no relocations, no displacements, and no disruption of community services (e.g., police, fire, emergency medical, or school bus operations).
- NO** Involves consideration of multiple NEPA alternatives
Determination: This is a safety/traffic operation improvement project only involving primarily access management, and does not involve consideration of multiple alternatives.
- NO** Is an action listed in 23 CFR §771.115(a)
Determination: This project is not listed in 23 CFR §771.115(a) as a Class I (EIS) Action.
- NO** Involves unusual circumstances, pursuant to 23 CFR §771.117(b)
Determination: This project does not involve unusual circumstances pursuant to 23 CFR §771.117(b), per determinations in the above section titled "Unusual Circumstances."

Deberry, Donald

Environmental Manager, CE Determination

09/21/2020

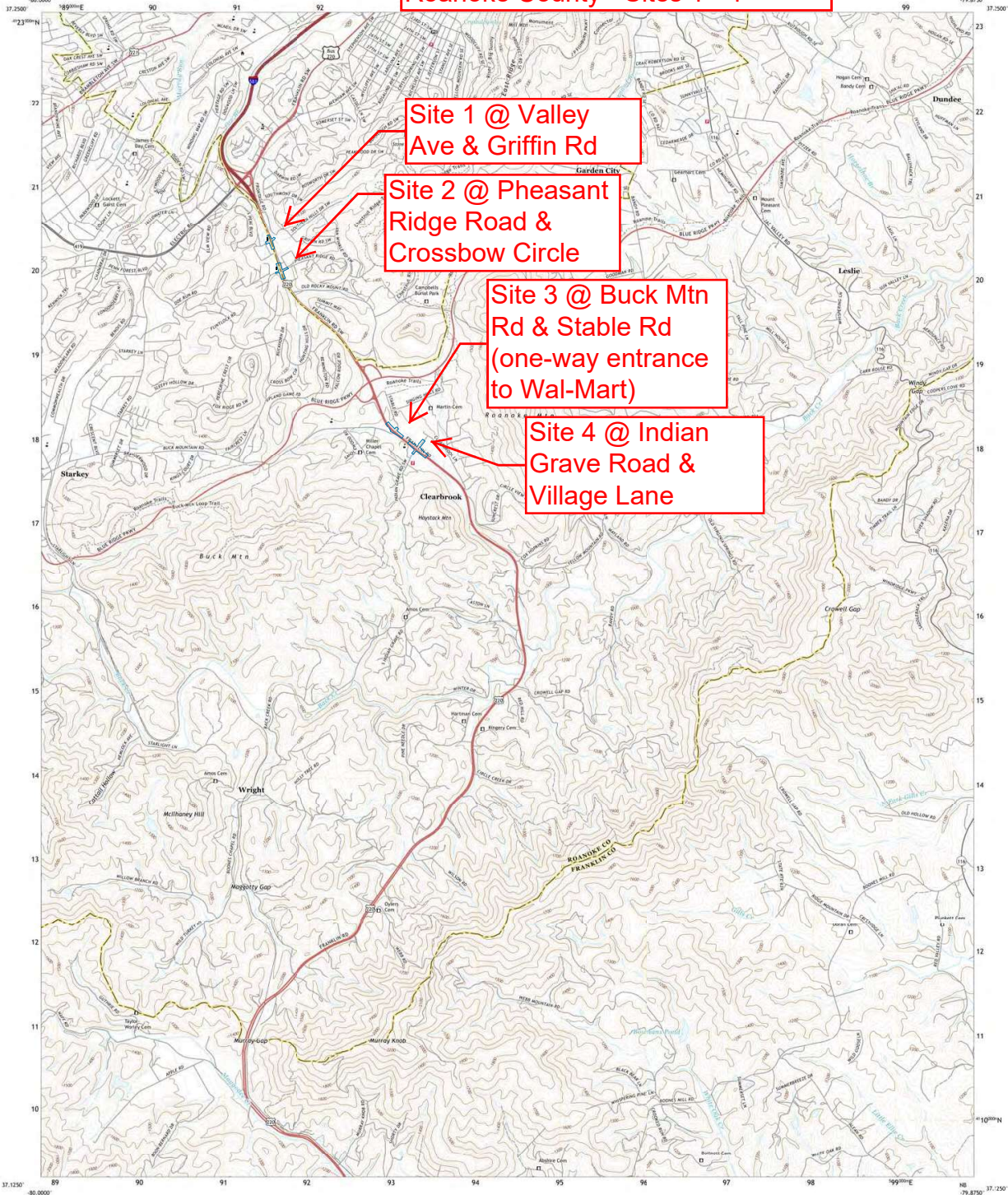
Date



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

Route 220 Access Management
0220-962-050; UPC 110887
Roanoke County - Sites 1 - 4

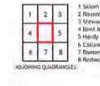
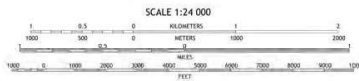
GARDEN CITY QUADRANGLE
VIRGINIA
7.5-MINUTE SERIES



Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84) Projection and
1:5000 meter grid (National Transverse Mercator, Zone 17S)
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Map: April 2016 July 2016
Data: U.S. Census Bureau 2010
Digital: National Hydrography Dataset 2002 2010
Boundaries: National Geographic 2002
Boundaries: Multiple sources see metadata file 2017 2018
Metadata: FWS Metadata Metadata Inventory 1982



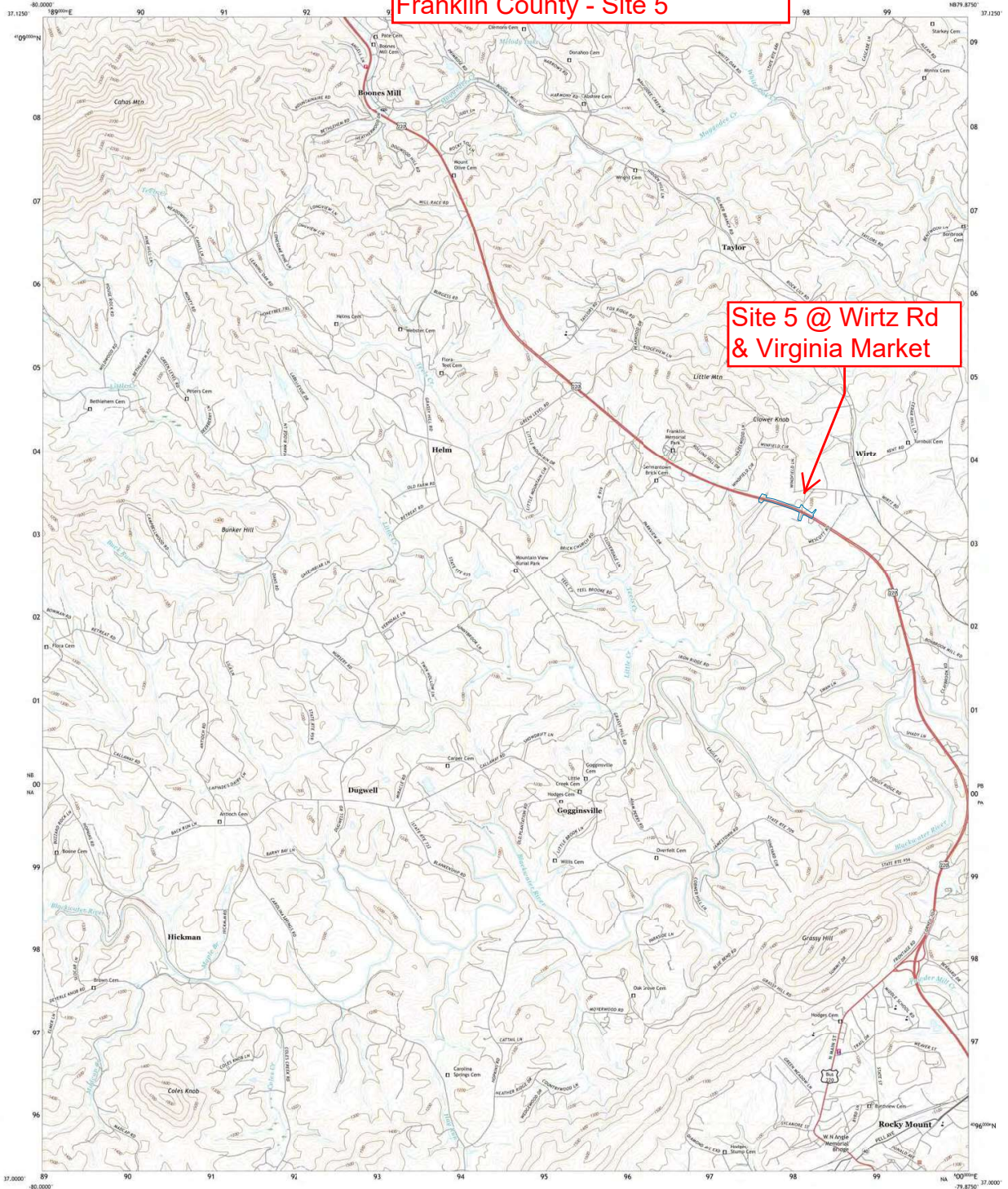
GARDEN CITY, VA
2019



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

**Route 220 Access Management
0220-962-050; UPC 110887
Franklin County - Site 5**

BOONES HILL QUADRANGLE
VIRGINIA - FRANKLIN COUNTY
7.5-MINUTE SERIES

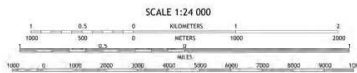


**Site 5 @ Wirtz Rd
& Virginia Market**

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World Geodetic System of 1984 (WGS84). Projection and
1:5000-meter grid dimensions. Transverse Mercator, Zone 17S.
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generalized for this map scale. Private lands within better
known boundaries may not be shown. Obsolete permittees better
representing present status.

Map: April 2016 July 2016
Base: U.S. Census Bureau 2010
Name: National Hydrography Dataset, 1999-2010
Contour: National Contour Dataset, 1999-2010
Boundaries: Multiple sources; see metadata file, 2017-2018
Metadata: FWS National Wetlands Inventory 1994-2001



CONTOUR INTERVAL: 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1983
This map was produced in conformity with the
National Geospatial Program US Topographic Standards, 2014
A metadata file associated with this product is available on the USGS website.

ROAD CLASSIFICATION

	Expressway		Local Connector
	Secondary Hwy		Local Road
	Ramp		Arts
	TRAVELER RALE		US Blank
			State Road

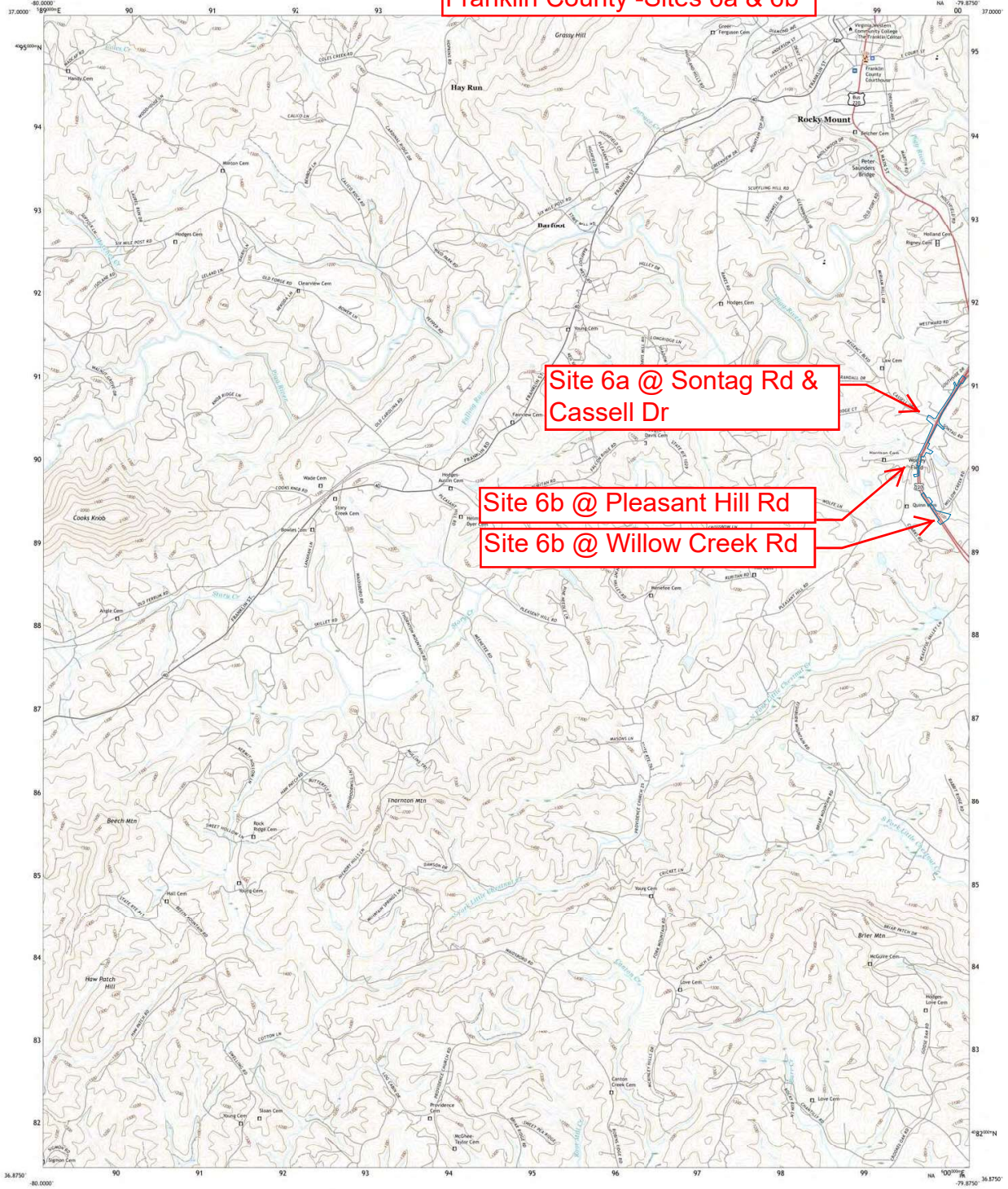
**BOONES MILL, VA
2019**



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

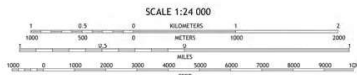
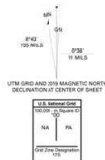
**Route 220 Access Mangement
0220-962-050; UPC 110887
Franklin County -Sites 6a & 6b**

ROCKY MOUNT QUADRANGLE
VIRGINIA - FRANKLIN COUNTY
7.5-MINUTE SERIES



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North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1:5000 meter grid coordinates are based on the North
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entering private lands.

Imagery: NADP, April 2016 - July 2016
Roads: U.S. Census Bureau, 2014
Names: National Hydrography Dataset, 1999 - 2018
Contours: National Elevation Dataset, 1999 - 2018
Boundaries: Multiple sources; see metadata file 2017 - 2018
Wetlands: FWS National Wetlands Inventory 1994 - 2001



SCALE 1:24 000
CONTOUR INTERVAL 30 FEET
NORTH AMERICAN 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 0.19



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

1 Contour
2 Stream Mill
3 Stream 100
4 River
5 Contour
6 Philippi Lignite
7 Stream
8 Stone Curve

ROAD CLASSIFICATION

Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	Arth
Interstate Road	US Blank
	State Road

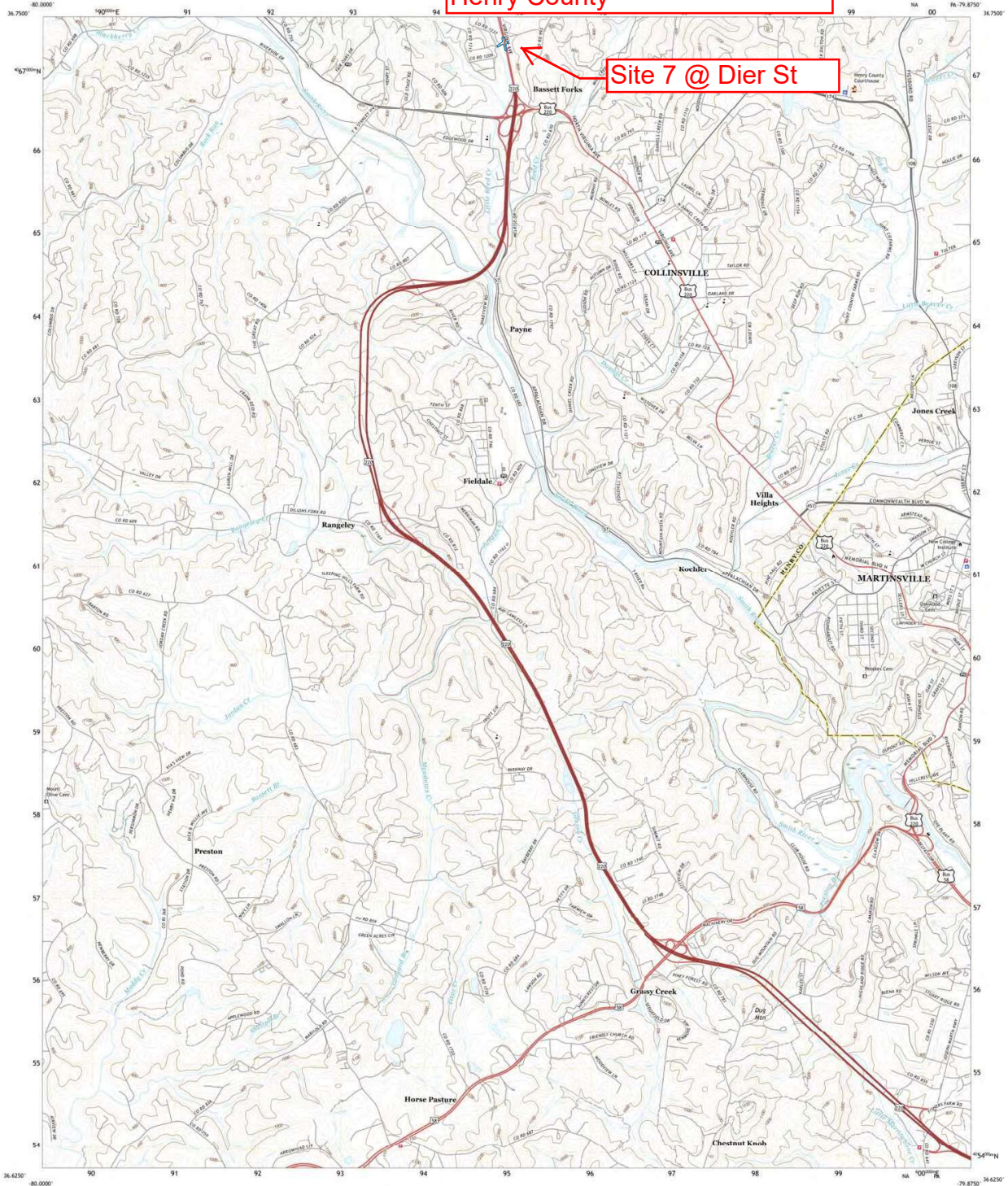
ROCKY MOUNT, VA
2019



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

Route 220 Access Management
0220-962-050; UPC 110887
Henry County

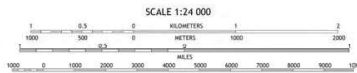
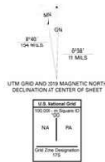
MARTINSVILLE WEST QUADRANGLE
VIRGINIA
7.5-MINUTE SERIES



Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
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Imagery: NAD, April 2016 - July 2016
Roads: U.S. Census Bureau, 2014
Names: National Hydrography Dataset, 2009
Contours: National Elevation Dataset, 2000
Boundaries: Multiple sources; see metadata file 2017-2018
Waterbodies: FWS National Wetlands Inventory 1982



CONTOUR INTERVAL 30 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
This map was produced to conform with the
National Geospatial Program US Topographic Standard, 2011.
A metadata file associated with this product is draft version 0.4.18



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

1 Ringlet Lake
2 Bassett
3 Grassy Creek
4 Martinsville
5 Martinsville, Dist.
6 Spencer
7 Dier
8 Martinsville East

ROAD CLASSIFICATION

Expressway	Local Connector
State Road	Local Road
Interstate Road	US Road
	State Road

MARTINSVILLE WEST, VA
2019