# Categorical Exclusion Form
# Telegraph Road – Route 1 Intersection Improvement Project, Stafford County, Virginia

**Project: Telegraph Road Intersection, Project va_a_ad_637(1) Date: January 18, 2013**

**Project description, including location:**

The Eastern Federal Lands Highway Division of the Federal Highway Administration (FHWA), in cooperation with the Virginia Department of Transportation (VDOT), the U.S. Department of Defense (DOD), and Stafford County, proposes construction of turn lanes and median curbs at the intersection of US Route 1 and Telegraph Road in Stafford County, Virginia to improve both traffic safety and operations. These improvements are needed to handle the increase in vehicular traffic in the area that will/has come with the Marine Corps Base Quantico's construction and operation of the Russell Knox Building complex.

The project includes construction of a right turn lane on EB Telegraph Road at US Route 1, an acceleration lane on SB US Route 1(from Telegraph Road), lengthening the existing NB left turn lane on US Route 1 to WB Telegraph Road and providing a median curb (barrier) in US Route 1 north and south of its intersection with Telegraph Road.

**Describe the category used to exclude the action from further NEPA:**

23 CFR 771.117(d)(1): Modernization of a highway by resurfacing, restoration, rehabilitation, reconstruction, adding shoulders, or adding auxiliary lanes (e.g. parking, weaving, turning, climbing).

**Describe any public and agency involvement effort conducted:**

Verbal consultation was initiated with Mr. Bill Hester of the U.S. Fish and Wildlife Service (USFWS), requesting concurrence with FHWA's conclusion that the proposed improvements in and around the project area are not anticipated to have an adverse effect on any endangered or threatened species. No federally-listed species occur within the immediate area of the project.

FHWA discussed this project with Mr. Marc Holma of the Virginia Department of Historic Resources (VDHR) and initiated NHPA Section 106 consultation. Mr. Holma was also provided with copies of the Phase 1 and Phase 2 Cultural Resources Surveys (architectural and archaeological) which were prepared by Coastal Carolina Research for the subject site area. Included in the survey is a list of all historic properties and sites within a quarter-mile of any project-related disturbance. As all construction will occur within the existing right-of-way or

areas immediately adjacent to the right of way and within areas exhibiting surface and subsurface disturbance by previous urban and roadway development, FHWA determined there would be no effect on historic properties or sites in or near the project area.

The Federal Highway Administration held public information meetings on May 10, 2012 and October 9, 2012 at the offices of Hilldrup Moving and Storage near site area of the proposed improvements. The public information meetings were noticed in local newspapers and other media for both a corridor study for US Route 1 (corridor study from the Fuller/Joplin Road Intersection in Prince William County to Boswells Corner in Stafford County) and included the subject intersection. Specific information and identification of the proposed Telegraph Road/Route 1 intersection improvements was presented during both public information meetings. Separate plans and information related to this specific project were available for public review and comment. Numerous comments were received from meeting attendees (verbal and written on the provided comment forms). Comments on the subject intersection improvements generally focused on details of the turn lane additions and right of way impacts to adjacent residential and commercial properties.

**23 CFR 771.117** Categorical exclusions (CEs) are actions which meet the definition contained in 40 CFR 1508.4, and, based on past experience with similar actions, do not involve significant environmental impacts.

| **The proposed action will:** | **YES** | **NO** |
|---|---|---|
| Induce significant impacts to planned growth or land use for the area | | **X** |
| Require the relocation of significant numbers of people | | **X** |
| Have a significant impact on any natural, cultural, recreational, historic, or other resource | | **X** |
| Involve significant air, noise, or water quality impacts | | **X** |
| Have significant impacts on travel patterns | | **X** |
| Otherwise, either individually or cumulatively have any significant environmental impacts | | **X** |

If any box is checked yes, the action may not be categorically excluded and an EA or EIS must be prepared. If none are checked yes, attach Environmental Screening Form, notes from consultation with agencies and/or the public, notes of site visits and any other material related to

the environmental impact of the proposal. This becomes part of the NEPA statutory compliance file.

Attached to this document, for the record are the following:

1. Telegraph Road Improvements- Environmental Summary
2. Excerpts from Cultural Resources, Architectural and Archaeological Surveys by Coastal Carolina Research, December 2012 and January 2012
3. List of Endangered and threatened species, Stafford County, Virginia
4. Federal Emergency Management Agency (FEMA) Flood Map Information

On the basis of the environmental impact information in the statutory compliance file, with which I am familiar, I am categorically excluding the described project from further NEPA analysis. No exceptional circumstances (i.e., all boxes in the ESF are marked "no") or conditions apply and the action is fully described in 23 CFR 771.117(d)(1).

Jack Van Dop
Senior Technical Specialist
Federal Highway Administration
Eastern Federal Lands Highway Division

January 29, 2013
Date

# Environmental Screening Form

**Project: Telegraph Road – Route 1 Intersection Improvements, Stafford County, VA, Project va a ad 637(1)** **Date: January 29, 2013**

| | Yes | No | Don't Know |
|---|---|---|---|
| 1. Described fully in one of the list of categorically excluded actions? | x | | |
| 2. Consultation with any affected agencies or tribes complete? | Continues - no significant impact | | |
| 3. Site visit completed? | x | | |
| 4. Are any significant impacts possible on the following physical, natural, or cultural resources?* | | | |
| A. Geological resources - soils, bedrock, streambeds, etc. | | x | |
| B. From geohazards? | | x | |
| C. Air Quality, Traffic, or from Noise | | x | |
| D. Water Quality or Quantity | | x | |
| E. Streamflow characteristics | | x | |
| F. Marine or Estuarine Resources | | x | |
| G. Land Use, including agricultural lands | | x | |
| H. Rare or unusual vegetation-old growth timber, riparian, alpine, etc. | | x | |
| I. Species of special concern (plant or animal; state or federal listed or proposed for listing) or their habitat | | x | |
| J. Unique ecosystems, biosphere reserves, World Heritage sites | | x | |
| K. Unique or important wildlife or wildlife habitat | | x | |
| L. Unique or important fish or fish habitat | | x | |
| M. Introduce or promote non-native species (plant or animal) | | x | |
| N. Recreation resources | | x | |
| O. Visitor experience, aesthetic resources | | x | |

| | Yes | No | Don't Know |
|---|---|---|---|
| P. Cultural resources, cultural landscape, etc. | | x | |
| Q. Minority and Low Income Populations | | x | |
| R. Socioeconomics | | x | |
| S. Energy Resources | | x | |
| T. Other agency or tribal land use plans or policies | | x | |
| U. Resource, including energy, conservation potential | | x | |
| V. Urban quality, gateway communities, etc. | | x | |
| W. Long term management of resources or land/resource productivity | | x | |

* Insert the word "none" in the "no column" if the reason that a resource is not impacted is because the resource is not found in the project area.

This form is meant to be annotated with relevant information, such as notes of site visit, personnel conducting the site visit, agency officials contacted and their responses, etc.

If the answers to questions 1-3 are yes, and all answers to number 4 are "no", complete the categorical exclusion checklist. If any of the answers to question 4 are "don't know," complete an EA. If any are answered "yes," either a mitigated EA or EIS is required.

# Telegraph Road Improvements

## Environmental Impacts Summary

### 1. Land Use

Stafford County GIS data and published zoning maps were used to determine land uses along the Route 1 corridor and cross streets. The project area is within the Boswell's Corner redevelopment area, which exists as a future economic development site due to its location, road access, and proximity to MCBQ. Boswell's Corner is located at the intersection of the historic Telegraph Road (VA-637) and an east-west trending "Stage Road."

Currently, land uses in the project area include auto services, retail, and some industrial and residential uses. However, the Stafford County Master Redevelopment Plan for Boswell's Corner proposes the development of high-quality office and retail space to present Stafford County as "an area for economic progress and not solely a bedroom community." The proposed improvements are consistent with the Master Redevelopment Plan, as well as the County's Comprehensive Plan.

### 2. Farmland

Conversion of farmland to non-agricultural use is regulated by the US Department of Agriculture (USDA) and the Natural Resources Conservation Service (NRCS) under the Farmland Protection Policy Act (FPPA). Under this Act, federal actions must consider the effect on prime farmland, unique farmland, and farmland of statewide and local importance. Prime farmland is defined as "land that has the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oilseed crops and that is available for these uses." Farmland of statewide importance is land that may not meet federal recommendations of prime farmland, but has the same productive value at the state level. Farmland is classified independently of land use, but cannot be open water or urban built-up land (National Soil Survey Handbook, NRCS, revised February 2012). Conversion of farmland requires the completion of an NRCS Form CPA-106.

GIS data from NRCS shows areas designated as prime farmland on either side of US Route 1, although the prime farmland to the east of the roadway has already been developed. Some prime farmland is present in the forested areas behind the residences and businesses to the west of US Route 1. There is farmland of statewide importance on either side of Telegraph Road east of Route 1. No agricultural land uses were observed within the study area.

The proposed improvements would require the conversion of some prime and statewide-important farmland. It is not anticipated that the acreage of farmland to be converted would exceed one acre.

### 3. Water Resources

#### i. Wetlands

Using GIS data from the National Hydrography Dataset, a large tributary to Chopawamsic Creek was identified running along US Route 1 to the west. The US Fish and Wildlife Service's National Wetlands Inventory data did not identify any wetlands within the project area.

On September 10-12 and October 9, 2012, qualified wetland scientists of Kimley-Horn and Associates conducted a preliminary routine delineation of wetlands and other Waters of the United States (WOUS) in support of the Route 1 Corridor Widening at Marine Corps Base Quantico Project. The study area for the delineation effort incorporated all areas within the study area of the Telegraph Road Project, and can therefore be applied to this study. The delineation was conducted in general accordance with procedures described in the U.S. Army Corps of Engineers (USACE) *1987 Wetland Delineation Manual* and *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Atlantic and Gulf Coastal Plain Region (Version 2)*. Wetland boundaries and WOUS centerlines were flagged in the field and recorded using GPS. Wetland areas were categorized according to the Cowardin Wetland Classification System.

One stream, an unnamed tributary to Chopawamsic Creek, was identified running north along US Route 1 to the west. Much of this stream is conveyed via underground culverts underneath driveways and parking lots. Approximately 170 feet of open stream is within the project area. The delineation did not identify any wetlands directly within the study area. One palustrine emergent wetland was identified outside the study area to the southeast within 12 feet of Telegraph Road. In the event that improvements are proposed along Telegraph Road to a greater extent than currently anticipated, some impacts may occur to this wetland.

The wetland delineation of the study area has not been submitted to the Army Corps of Engineers (USACE) for a wetland delineation confirmation. Upon submittal of the wetland delineation, the USACE will conduct a site visit to confirm the limits of wetlands and WOUS. The USACE will issue a jurisdictional determination (JD), which would be valid for a period of five years from the date of issuance. After plans are developed, a Joint Permit Application (JPA) would be prepared, describing the proposed physical alteration of surface waters, the specific acreage and linear feet of proposed impacts, and any alternatives considered to avoid or minimize impacts to wetlands and surface waters to the maximum extent practicable. Unavoidable impacts would require extensive justification.

The DEQ and USACE typically require compensatory mitigation at a 1:1 ratio for impacts to emergent wetlands. The agencies would also require an assessment of the stream to be impacted using the Unified Stream Methodology (USM) issued jointly by the USACE and DEQ on January 18, 2007. The USM is used to evaluate the current stream condition, severity of proposed impacts, and the required compensatory mitigation for stream impacts. Typically, stream compensation is required at a 1:1 up to a 1.5: ratio.

### ii. Floodplains

Executive Order No. 11988, issued May 24, 1977, directs Federal agencies to avoid to the extent possible adverse impacts associated with the occupancy, modification, and development of floodplains. The 100-year floodplain is defined by the Federal Emergency Management Agency (FEMA) as "the lowland and relatively flat areas adjoining inland and coastal waters including flood prone areas of offshore islands, including at a minimum, that area subject to a one percent or greater chance of flooding in any given year."

Stafford County GIS data was used to identify the 100-year floodplains within the study area. A floodplain associated with the unnamed tributary to the Chopawamsic Creek runs northward along the western edge of US Route 1. Any improvements on the west side of US Route 1 would result in potential impacts to the floodplain.

### iii. CBPA

Stafford County is located within Tidewater Virginia as described in Chesapeake Bay Preservation Act of 1988 (CBPA). Therefore, it is required to designate Resource Protection Areas (RPAs) to protect water quality in the Bay Area. RPAs include all tidal wetlands, water bodies with perennial flow, all wetland areas contiguous with a water body with perennial flow, and a buffer area that includes any land within 100 feet of an above-mentioned feature. The remaining land within the county has been designated a Resource Management Area (RMA), which requires responsible land management and development practices to generally preserve water quality in the Chesapeake Bay region. Public roadway projects are exempt from CPBA regulations regarding buffer encroachment. Regardless, impacts to RPAs should be minimized to the maximum extent practicable in order to comply with CBPA water quality regulations.

Stafford County GIS data was used to identify the county-designated locations of RPAs within the study area. The unnamed tributary along US Route 1 is protected by an RPA that would potentially be impacted by improvements to the western edge of US Route 1. Strict adherence to erosion and sediment controls is encouraged to minimize impacts to surface waters and water quality.

## 4. Wildlife and Habitat

The Endangered Species Act (ESA) requires that each Federal agency insure that any action they authorize, fund, or enact is not likely to jeopardize the continued existence of a listed species or result in the destruction or adverse modification of designated critical habitat. Impacts to state-listed endangered and threatened species are regulated by the Virginia Department of Game and Inland Fisheries (DGIF), whereas impacts to federally-listed species are regulated by the US Fish and Wildlife Service (USFWS) with support from the Virginia Department of Conservation and Recreation (DCR). The DGIF-standard study area for endangered species includes all lands and water bodies within a two-mile radius of the Project area.

According to the VDGIF Fish and Wildlife Information Service Initial Project Assessment, performed on November 27, 2012, there are two federally-listed endangered animal species and 6 state-listed threatened or endangered animal species with the potential to occur within the study area. The dwarf wedgemussel and the Atlantic sturgeon are both federally-listed endangered species, although no confirmed sightings have been reported in the study area. Aquia Creek is listed as preferred habitat for the dwarf wedgemussel; however, due to the scope of the proposed improvements, no impacts to Aquia Creek or its tributaries are anticipated. DGIF reports confirmed sightings of the bald eagle within a two-mile radius of the Project area; however, the Center for Conservation Biology VaEagles Nest Locator site (http://www.ccb-wm.org/virginiaeagles/eagleData.php?AgreeDataUse=on&SubmitAgreeTerms=View+Data, accessed November 19, 2012) shows that there are no bald eagle nests within 660 feet of the Project area. Therefore, no impacts to bald eagles are anticipated. Based on habitats observed within the study area during the field reconnaissance, unconfirmed state threatened and endangered species with potential habitats include the peregrine falcon and loggerhead shrike. Both of these species can thrive in a wide variety of habitats, several of which are present within the study area. A project review from DGIF is necessary to determine impacts to these species.

The USFWS Project Review application (http://www.fws.gov/northeast/virginiafield/endspecies/Project_Reviews_Introduction.html, accessed November 30, 2012) was used to determine the presence of federally-listed endangered or threatened plant and animal species. The review identified potential habitat for the federally-endangered harperella and the federally-threatened, state-endangered small whorled pogonia. However, due to the scope of the proposed improvements, no impacts to these species

are anticipated. However, the project review process must be completed using the USFWS application to obtain a certificate.

## 5. Cultural Resources

Federal agencies are required by the National Historic Preservation Act (NHPA), the National Environmental Policy Act (NEPA), and other provisions of Federal law to consider effects on historic resources that are eligible for the National Register of Historic Places (NRHP) in the planning and execution of their projects. Section 106 of the National Historic Preservation Act and its implementing regulations at36 CFR Part 800 requires Federal agencies to clearly define the scope of their undertaking; develop an Area of Potential Effects; make a reasonable and good-faith effort to identify and evaluate historic properties; and assess the project's effects when historic properties are present. Consultation takes place with the Virginia Department of Historic Resources (DHR), which serves as the State Historic Preservation Office (SHPO) in Virginia; the Advisory Council on Historic Preservation (ACHP); Indian tribes that attach religious or cultural significance to historic properties that may be affected by an undertaking; local governments; interested public; and other stakeholders. Resources protected under Section 106 include all architectural or archaeological sites that are listed on or eligible for listing one the NRHP.

In October 2012, Coastal Carolina Research (CCR) conducted literature reviews and field surveys of historic architectural and archaeological features in support of the Route 1 Corridor Widening at Marine Corps Base Quantico Project and made recommendations regarding eligibility for listing on the NRHP. The Area of Potential Effect (APE) for architectural and archaeological resources incorporates the entire Telegraph Road study area; therefore, the Route 1 study can be applied to this Project.

The Stafford County Master Redevelopment Plan identifies six architectural resources within the project area that contribute to the overall history of the area. The Boswell's Used Auto Parts commercial building (DHR# 089-5119) was initially recommended as potentially eligible for the NRHP; however, the survey conducted by CCR states that none of the resources within the project area are recommended eligible. This Project would not require demolition or relocation of any resources listed as priorities in the Redevelopment Plan. Therefore, no impacts to cultural resources are anticipated.

## 6. Parks, Recreation, and Community Facilities and Services

No parks, recreational facilities, community facilities, police stations, fire and rescue stations, hospitals, commuter lots, libraries, or public schools were identified within the study area. Therefore, no impacts are anticipated.

## 7. Section 4(f) and 6(f)

The Department of Transportation Act (DOT Act) of 1966 includes a special provision (Section 4(f)) that stipulates that the Federal Highway Administration (FHWA) and other DOT agencies cannot approve the use of land from publicly owned parks, recreational areas, wildlife and waterfowl refuges, or eligible or listed historical sites unless the following conditions apply:

- There is no feasible and prudent alternative to the use of land.
- The action includes all possible planning to minimize harm to the property resulting from use.

No resources protected under Section 4(f) were identified within the study area. Therefore, no impacts are anticipated.

The Land and Water Conservation Fund Act (LWCFA) of 1965 (16 USC 4601-4 et seq.) established a funding source to assist state and federal agencies in the acquisition and development of public outdoor recreational areas and facilities. Section 6(f) of the LWFCA requires that all properties "acquired or developed, either partially or wholly, with LWCF funds" must be maintained as such in perpetuity. No Section 6(f) resources were identified within the Project area. Therefore, no impacts are anticipated.

## 8. Air Quality

The Clean Air Act, which was last amended in 1990, requires the Environmental Protection Agency (EPA) to set National Ambient Air Quality Standards (NAAQS) for widespread pollutants from numerous and diverse sources considered harmful to public health and the environment. The Clean Air Act established two types of national air quality standards. Primary standards set limits to protect public health, including the health of "sensitive" populations such as asthmatics, children, and the elderly. Secondary standards set limits to protect public welfare, including protection against visibility impairment, damage to animals, crops, vegetation, and buildings. EPA has set NAAQS for six principal pollutants, which are called "criteria" pollutants, including: carbon monoxide (CO), lead (Pb), nitrogen dioxide ($NO_2$), ozone ($O_3$), Particulate Matter ($PM_{2.5}$ and $PM_{10}$), and sulfur dioxide ($SO_2$).

According to the Environmental Protection Agency (EPA) National Ambient Air Quality Standards (NAAQS) and the EPA Green Book Nonattainment Areas for Criteria Pollutants, Stafford County is not within any nonattainment or maintenance areas for any of the criteria pollutants by current standards.

## 9. Noise

A traffic noise impact occurs when the existing or future noise levels approach or exceed the noise abatement criteria (NAC) or when predicted future traffic noise levels exceed the existing noise level by 10 or more decibels (FHWA; VDOT). The Project is not anticipated to be classified as a Type I Project per FHWA noise regulations; therefore, no noise analysis would be required.

## 10. Environmental Justice

Executive Order No. 12898, "Federal Actions to Address Environmental Justice in Minority Populations and Low Income Populations," directs federal agencies to take the appropriate and necessary steps to identify and address disproportionately high and adverse effects of projects on the health or environment of minority and low-income populations to the greatest extent practical and permitted by law. Minority populations are identified as census tracts with percentages of minority persons that are greater than the percentages of minority persons in the county. Low-income populations are defined as census tracts with a percentage of individual persons with incomes below poverty level that is greater than that of the County as a whole.

Data from the 2010 Census and 2010 American Community Survey 5-Year Estimates was reviewed at the Census Tract level for the year 2010 population, racial/ethnic, and poverty data to determine the presence of environmental justice populations within the study area. Stafford County has a minority percentage of 32.2 percent (**Table 1**). Any census tract with a minority percentage higher than 32.2 percent within the study area is considered a minority population (highlighted in red in **Table 1**). The County has a low-income percentage of 4 percent (**Table 1**). Any census tract with a low-income percentage higher than 4 percent within the study area is considered a minority population (highlighted in red in **Table 1**).

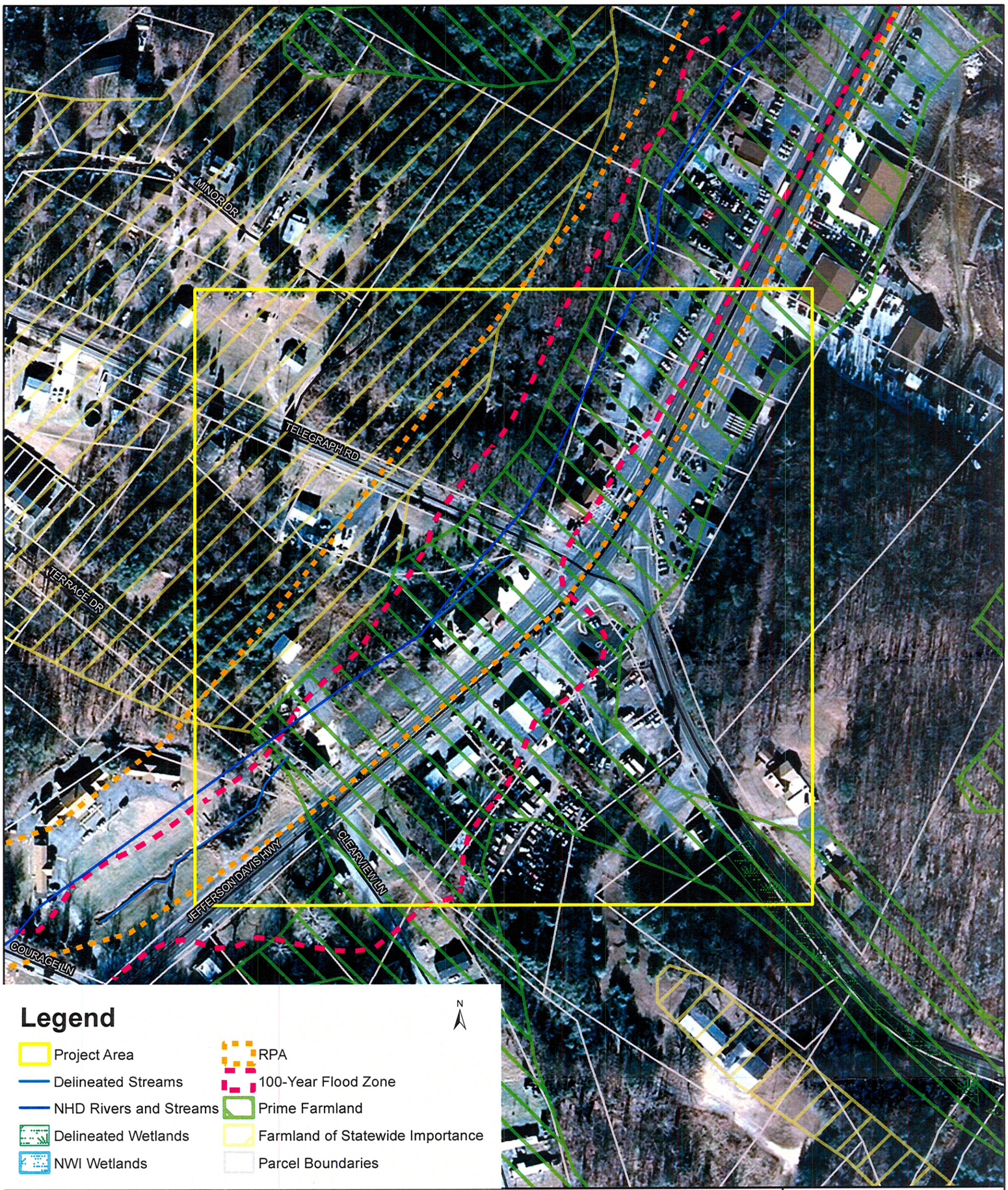
Table 1. Percentage of minorities and individuals below poverty within Telegraph Road study area in 2010

| Census Tract | % Minority | % Below Poverty |
|---|---|---|
| **Stafford County** | **32.2** | **4.0** |
| 101.08 | 38.8 | 2.6 |
| 102.01 | 18.2 | 0.0 |
| 102.07 | 53.2 | 7.7 |

Three census tracts were identified within the study area. Census Tracts 101.08 and 102.07 contain environmental justice populations that would potentially be impacted by the Project. The proposed access management along the eastern edge of Route 1 would impact businesses within Census Tract 101.08. However, these impacts would be borne by all census tracts throughout the corridor. No relocations of minority or low-income residences or businesses would be required as a result of the proposed improvements. Therefore, no impacts to environmental justice populations are anticipated.

## 11. Hazardous Materials

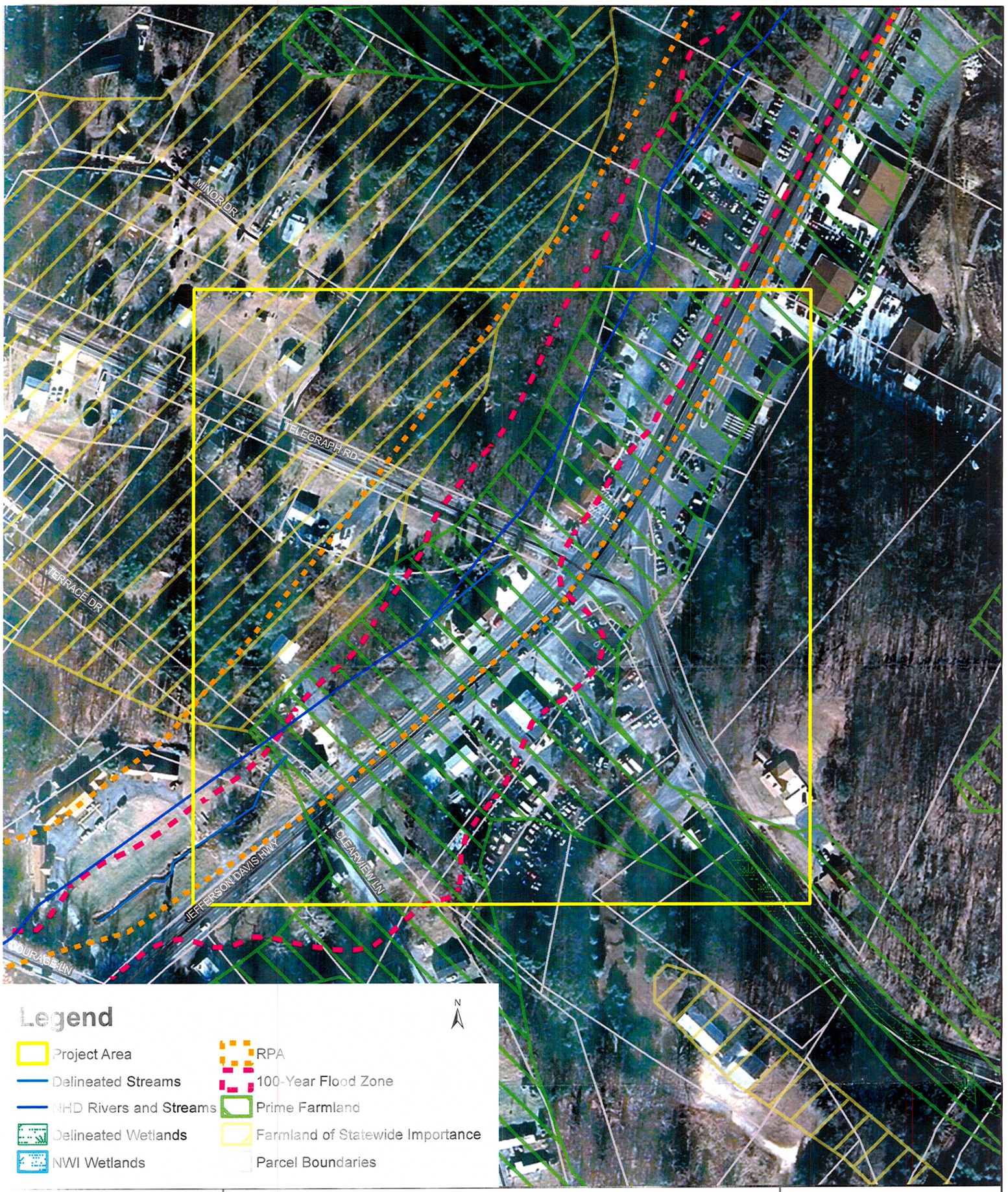
A Radius Map Report from Environmental Data Resources, Inc. (EDR), generated on September 15, 2011, showed search results from federal, state, and local hazardous materials databases, using American Society for Testing and Materials (ASTM) standard search distances (Appendices). The databases revealed the following Recognized Environmental Conditions (RECs): 1 RCRA Small Quantity Generator site, 1 RCRA NonGen site, 1 FINDS site, 4 Leaking Underground Storage Tanks (LUSTs), 5 Leaking Tanks (LTANKS), 4 registered Underground Storage Tanks (USTs), and 8 SPILLS sites. A Phase I Environmental Site Assessment would be required for any right-of-way acquisition.




## Legend

- Project Area
- Delineated Streams
- NHD Rivers and Streams
- Delineated Wetlands
- NWI Wetlands
- RPA
- 100-Year Flood Zone
- Prime Farmland
- Farmland of Statewide Importance
- Parcel Boundaries

| | | | |
|---|---|---|---|
| Kimley-Horn and Associates, Inc. | PROJECT: Route 1 at Telegraph Road Intersection Improvements<br>Stafford, Virginia | | **NATURAL RESOURCES** |
| | CREATED BY: COOPER | 0 50 100 200 300 400 Feet | |
| | DATE: 12/26/2012 | KHA PROJECT NUMBER: 110243004.1.150 | |

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Kimley-Horn and Associates, Inc.

*PROJECT: Route 1 at Telegraph Road Intersection Improvements*
*Stafford, Virginia*

*CREATED BY: COOPER*

0 50 100 200 300 400 Feet

*DATE: 12/26/2012*

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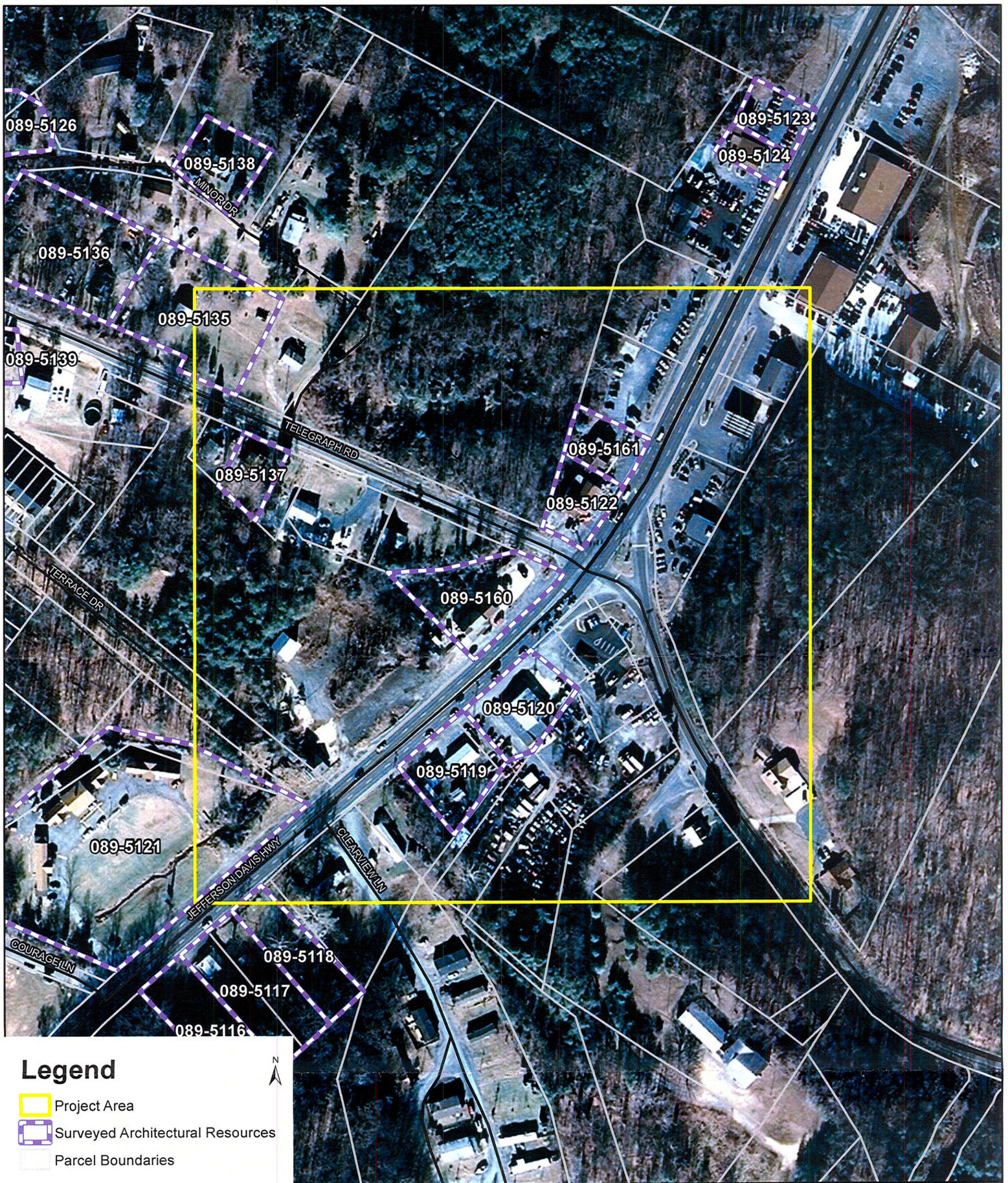
***NATURAL RESOURCES***

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|---|---|---|---|
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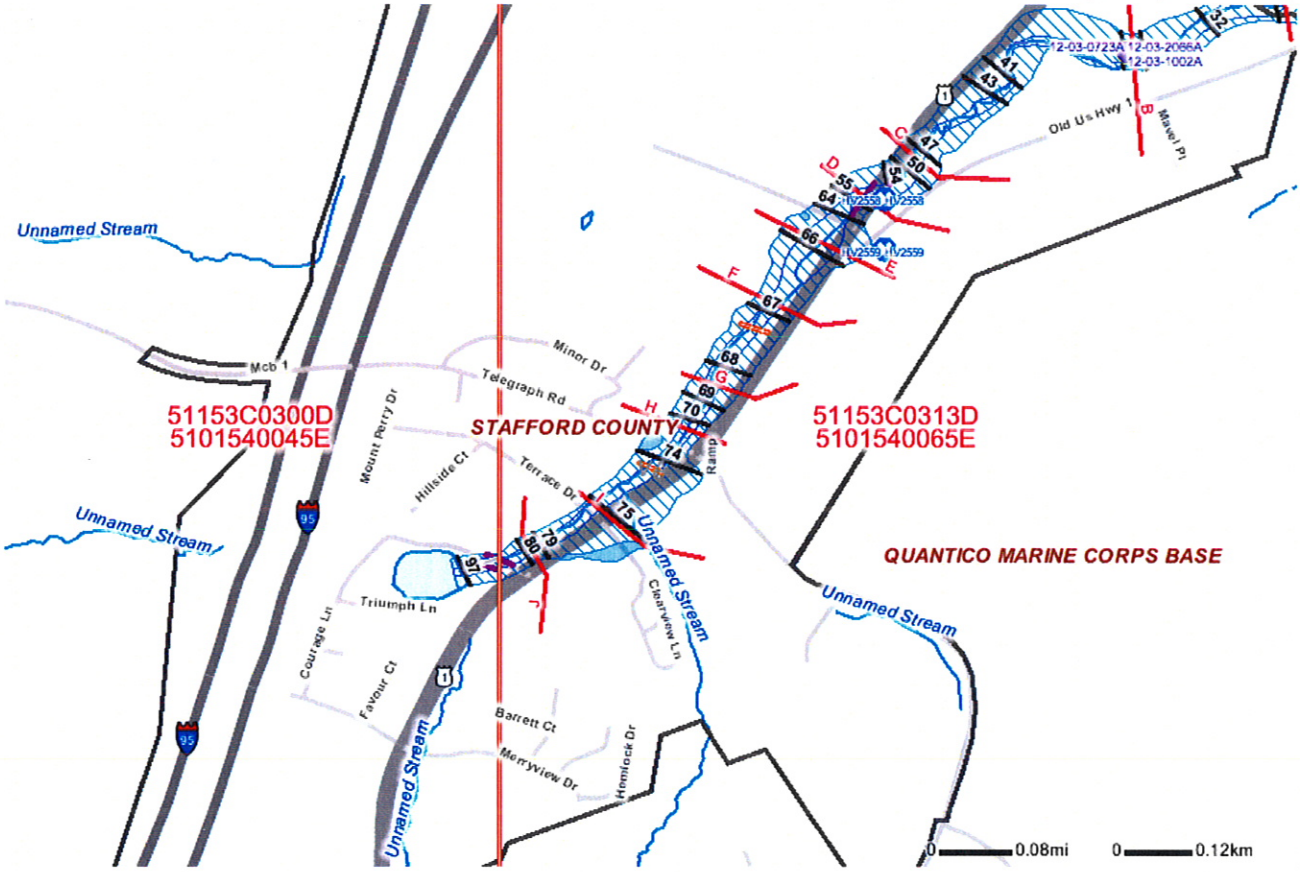
| | CREATED BY: COOPER | 0 50 100 200 300 400 Feet | |
| | DATE: 12/26/2012 | KHA PROJECT NUMBER: 110243004.1.150 | |

Mapping
Information Platform

This Map Is For Advisory Purposes Only




Legend

Cities
- Other Places
- Small Towns
- Small Cities
- State Largest Cities
- Major Cities

Completed LOMAs
- LOMR's
- DFIRM Panels
- Bench Marks

General Structures
- Culverts
- Foot Bridges
- Dams
- Levees
- Wing Walls

Base Flood Elevation (cont)
- BFE with NGVD29 datum
- BFE with NAVD88 datum
- BFE with other datum

Cross Section Lines
- Cross Section with NGVD29 datum
- Cross Section with NAVD88 datum
- Cross Section with other datum

Streams

Streets
- Streets
- Major Roads
- Highways
- Major Highways

States

Lakes, Major Rivers

Land Areas

US (cont)

Other Countries

Friday, 18 January 2013 10:38

FEMA

| Group | Name | Population | Status | Lead Office | Recovery Plan Name | Recovery Plan Stage |
|---|---|---|---|---|---|---|
| Birds | Bald eagle (Haliaeetus | lower 48 States | Recovery | Rock Island Ecological Services | Southwestern Bald Eagle | Final |
| Birds | Bald eagle (Haliaeetus | lower 48 States | Recovery | Rock Island Ecological Services | Recovery Plan for the Pacific | Final |
| Birds | Bald eagle (Haliaeetus | lower 48 States | Recovery | Rock Island Ecological Services | Southeastern States Bald Eagle | Final Revision 1 |
| Birds | Bald eagle (Haliaeetus | lower 48 States | Recovery | Rock Island Ecological Services | Northern States Bald Eagle | Final |
| Birds | Bald eagle (Haliaeetus | lower 48 States | Recovery | Rock Island Ecological Services | Chesapeake Bay Bald Eagle | Final Revision 1 |
| Clams | Dwarf wedgemussel | | Endangered | New England Ecological | Dwarf Wedge Mussel | Final |
| Flowering Plants | Small whorled pogonia (Isotria | | Threatened | New England Ecological | Small Whorled Pogonia | Final Revision 1 |
| Flowering Plants | Sensitive joint-vetch | | Threatened | Virginia Ecological Services | Sensitive Joint Vetch | Final |
| Flowering Plants | Harperella (Ptilimnium | | Endangered | West Virginia Ecological | Harperella | Final |

# CULTURAL RESOURCES ARCHITECTURAL SURVEY PLANNING/PRELIMINARY ENGINEERING FOR ROUTE 1 CORRIDOR IMPROVEMENTS AT MARINE CORPS BASE QUANTICO PRINCE WILLIAM AND STAFFORD COUNTIES, VIRGINIA

PREPARED FOR:
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION
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STERLING, VA 20166-6511
(703) 404-6201

ON BEHALF OF:
KIMLEY-HORN AND ASSOCIATES, INC.
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Call Marc.
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Jeroen van den Hurk, Ph.D.
Susan E. Bamann, Ph.D., RPA
Lindsay N. Flood, RPA
and
D. Allen Poyner

NCR-0161

December 2012

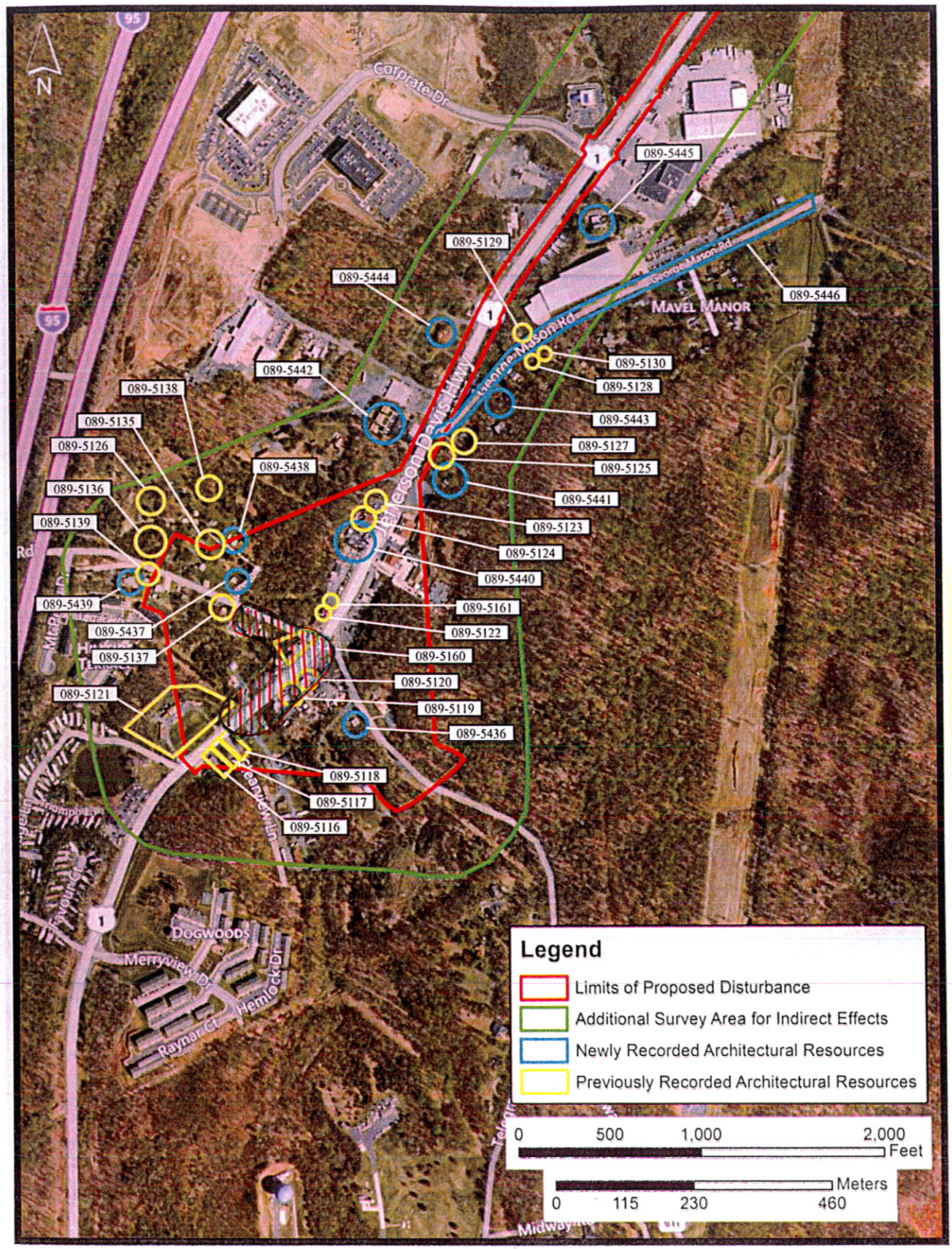



Figure 2-1: Location of Architectural Resources in the Current APE (Base Map from ArcGIS Image Service 2012).

# CULTURAL RESOURCES ARCHAEOLOGICAL SURVEY PLANNING/PRELIMINARY ENGINEERING FOR ROUTE 1 CORRIDOR IMPROVEMENTS AT MARINE CORPS BASE QUANTICO PRINCE WILLIAM AND STAFFORD COUNTIES, VIRGINIA

PREPARED FOR:
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION
21400 RIDGETOP CIRCLE
STERLING, VA 20166-6511
(703) 404-6201

ON BEHALF OF:
KIMLEY-HORN AND ASSOCIATES, INC.
11400 COMMERCE PARK, SUITE 400
RESTON, VA 20191
(703) 674-1300

PREPARED BY
COASTAL CAROLINA RESEARCH
A wholly owned subsidiary of
Commonwealth Cultural Resources Group, Inc.
P.O. BOX 1198
201 WEST WILSON STREET
TARBORO, NC 27886

J. Eric Deetz, RPA
*Principal Investigator*
Lindsay N. Flood, RPA
Amanda S. Keeny
Susan E. Bamann, Ph.D., RPA
and
D. Allen Poyner

NCR-0164

January 2013

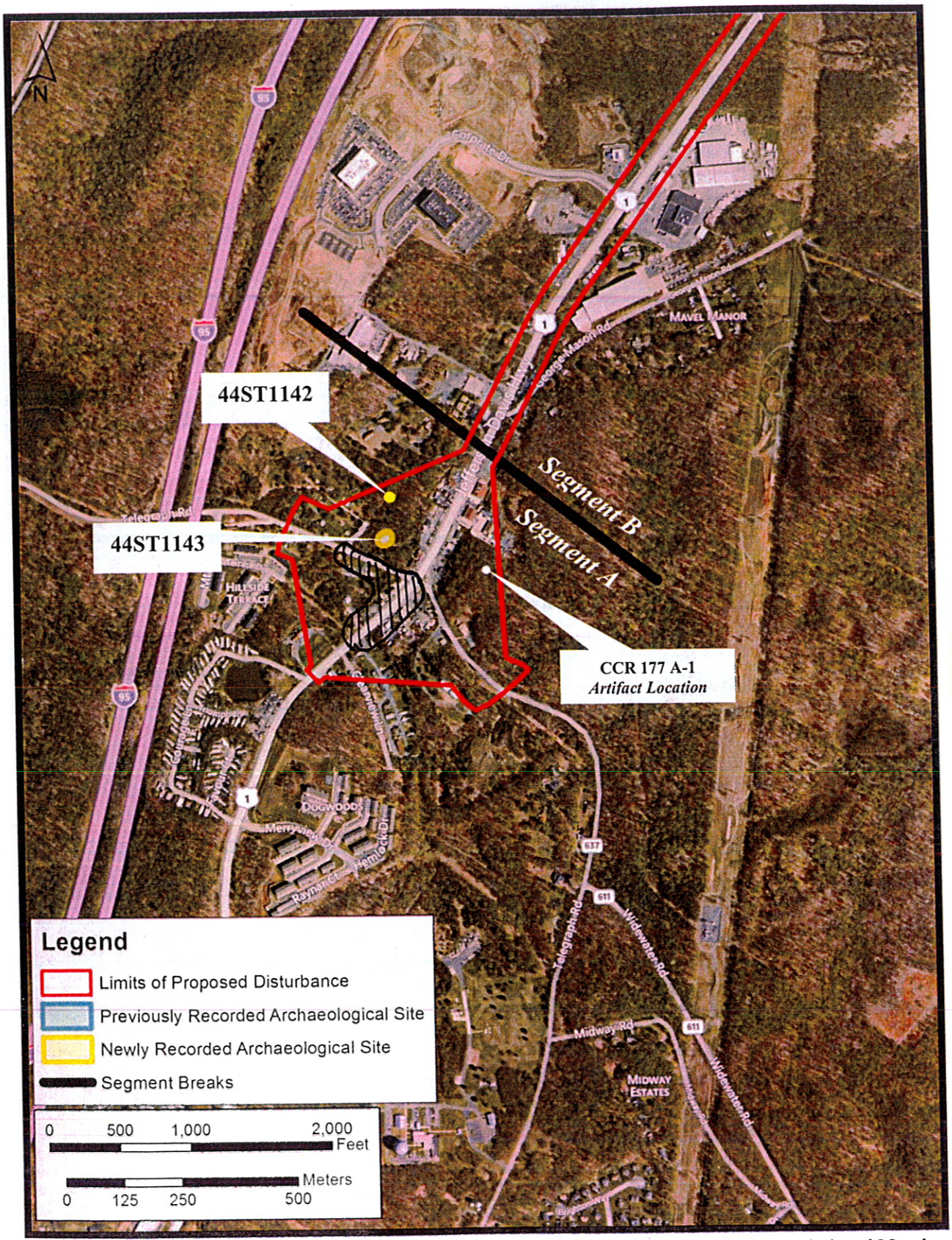



Figure 5.1-1: Section of Project Corridor Showing the Locations of Previously Recorded and Newly Recorded Archaeological Sites.

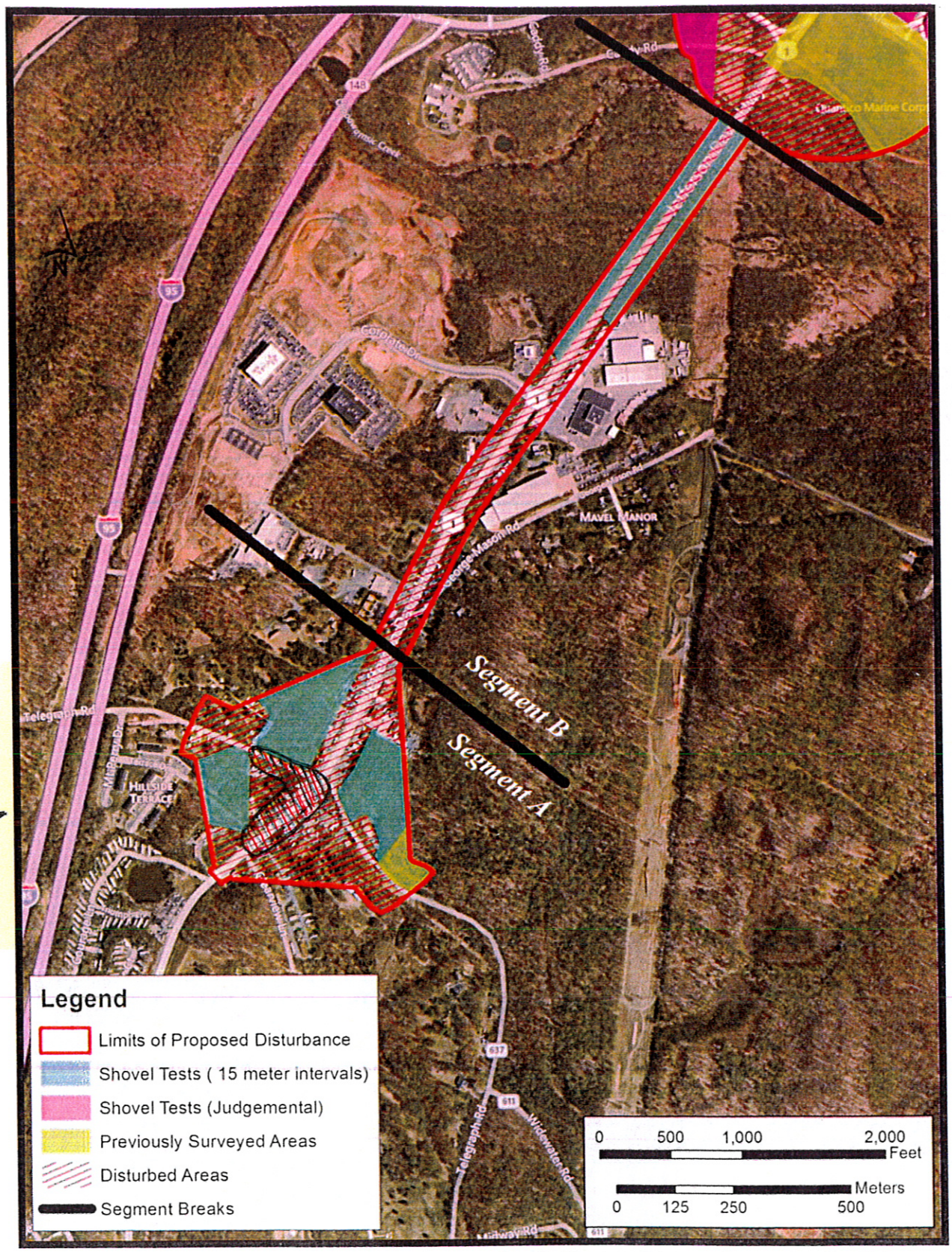



Figure 5.1-4: Portion of Project Area Showing Previously Surveyed Areas, Segments, Conditions, and Survey Coverage for the Current Investigation.

Coastal Carolina Research
P.O. BOX 1198, Tarboro, North Carolina 27886
(252) 641-1444 | (252) 641-1235 fax
www.ccrtarboro.com

**TO:** Laura Cooper, Kimley-Horn and Associates, Inc.
**FROM:** Susan Bamann, CCR
**DATE:** December 4, 2012
**RE:** Preliminary Management Summary, Archaeological Survey for Route 1 Corridor Improvements

# PRELIMINARY MANAGEMENT SUMMARY CULTURAL RESOURCES ARCHAEOLOGICAL SURVEY PLANNING/PRELIMINARY ENGINEERING FOR ROUTE 1 CORRIDOR IMPROVEMENTS AT MARINE CORPS BASE QUANTICO PRINCE WILLIAM AND STAFFORD COUNTIES, VIRGINIA

## INTRODUCTION AND METHODS

Kimley-Horn and Associates, Inc., is preparing planning/preliminary engineering and supporting documentation for proposed improvements to the Route 1 corridor at Marine Corps Base Quantico, Prince William and Stafford Counties, Virginia. The work is being conducted for the Federal Highway Administration, Eastern Federal Lands Highway Division. The project study corridor is US Route 1 from Joplin/Fuller Road (Route 619) proceeding southward to the intersection with Telegraph Road (Co. Rd. 637) at Boswell's Store (approximately 3.5 miles) (Figure 1). The project includes proposed intersection/interchange improvements at Joplin/Fuller Road (Route 619), Russell Road, and the intersection of Telegraph Road near Boswells Store. The current Study Area (the limits of proposed disturbance) involves 100 feet on each side of the existing US Route 1 roadway and portions of intersection roadways at the proposed intersection/interchange improvement areas. In addition, larger intersection areas are included at the three locations described above (see Figure 1).

In October and November 2012, Coastal Carolina Research (CCR), a wholly-owned subsidiary of Commonwealth Cultural Resources Group, Inc., conducted an archaeological identification survey for Kimley-Horn in support of the Federal Highway Administration's (FHWA) cultural resources documentation for the project. Previous studies include a cultural resources overview and windshield reconnaissance (Deetz et al. 2012), conducted by CCR. The current survey was conducted in compliance with Section 106 of the National Historic Preservation Act of 1966 and the Advisory Council on Historic Preservation's regulations for compliance with Section 106, codified as 36 CFR Part 800. The investigations were conducted according to the Secretary of the Interior's "Standards and Guidelines for Historic Preservation Projects" (Federal Register, Vol. 48, No. 190, September 1983, P. 44716-44742, et seq.) and the Virginia Department of Historic Resources' (VDHR) "Guidelines for Conducting Historic Resources Survey in Virginia" (VDHR 2011). The report was prepared in accordance with the document "Preparing Identification and Evaluation Reports Pursuant to Local, State, or Federal Laws and Regulations" found in VDHR (2011). The Area of Potential Effects (APE) for direct effects is the Study Area as described above.

For the previous literature review (Deetz et al. 2012), CCR used information in the Virginia Department of Historic Resources (VDHR) Data Sharing System (DSS) as well as maps, reports, and files located at the VDHR office in Richmond to prepare the review of previously recorded resources and previous studies. The background research addressed the stated limitations of DSS with respect to completeness of mapping of resources and utilized cultural resources reports as well as the VDHR database and resource/site files to clarify information on status with respect to the National Register of Historic Places (NRHP). The literature review also included a meeting with cultural resources staff at Marine Corps Base Quantico to examine additional information on cultural resources and their

## RESULTS AND RECOMMENDATIONS

All of the previously unsurveyed areas were addressed in the current survey and previously unevaluated sites were revisited. A majority of the shovel testing was conducted in the vicinity of the Russel Road and Telegraph Road intersections with US Route 1. Additional shovel tests were conducted along the US Route 1 corridor from Russel Road south to Corporate Drive. Thirteen previously recorded sites, five newly recorded sites, and an artifact location are located within the current APE (Table 1). Of the thirteen previously recorded sites, nine have been reviewed by VDHR and have been determined to be not eligible. One site, 44PW1844 was recorded based solely on a map projection; it is located in a heavily developed area and has not been located by previous surveys. Based on the current survey, no sites appear to survive at its location. Of the remaining three previously recorded sites within the APE two (44PW0912 and 44PW1288) have been previously recommended as eligible or potentially eligible. Based on previous work and the current survey, CCR recommends that 44PW0912 is eligible. CCR also recommends, based on previous work and previous work, that 44PW1288 is potentially eligible. The boundary for site 44PW1288 has been enlarged as a result of the current survey (Figure 2). The last previously recorded site, 44PW1226, has been tested at a phase II level and has been determined to be eligible for the NRHP.

The five newly recorded sites consist of four unattributed Native American lithic scatters and one historic domestic scatter dating to the nineteenth to twentieth century. None of these sites displayed intact subsurface deposits or significant artifact patterns and would not be likely to yield important information about the past; therefore, none of them would be recommended as potentially eligible for the NRHP. A single Native American artifact location was recorded. Very rarely does a single artifact meet the criteria for the NRHP, and the one recorded during this survey is no exception.

## REFERENCES CITED


Bedell, John, and Stuart Fiedel
2003 *Phase I and II Cultural Resource Investigations, Russell Road, Marine Corps Base Quantico, Prince William County, Virginia*. Ms. on file, Virginia Department of Historic Resources, Richmond.

Deetz, J. Eric, Jeroen van den Hurk, Lindsay N. Flood, and Susan E. Bamann
2012 *Cultural Resources Reconnaissance, Planning/Preliminary Engineering for Route 1 Corridor Improvements at Marine Corps Base Quantico, Prince William and Stafford Counties, Virginia.* Ms. on file, Coastal Carolina Research, Tarboro, North Carolina.

Goode, Charles E., Sarah G. Traum, and Joseph Balicki
2009 *Cultural Resources Investigations of Sites 44PW945, 44PW946, 44PW1289 and 219 Acres of Timber Compartments at Marine Corps Base Quantico, Prince William and Stafford Counties, Virginia*. Ms. on file, Virginia Department of Historic Resources, Richmond.

Hall, Bill W., Loretta Lautzenheiser, John P. Cooke, Mary Ann Holm, and N. Carolyn McCollum
2001 *Cultural Resources Identification Survey (Phase I), Improvements to US 1 From Stafford County Line to Route 123, Prince William County, Virginia, Project A*. Ms. on file, Coastal Carolina Research, Tarboro, North Carolina.

Huston, Clifton A., Donald W. Linebaugh, Charles M. Downing, and Veronica L. Deitrick
1996 *An Archaeological Assessment and Survey of Marine Corps Base, Quantico, Fauquier, Prince William, and Stafford Counties, Virginia*, Volume 1: Additional Archaeological Survey. Ms. on file, Virginia Department of Historic Resources, Richmond.

Table 1: Archaeological Resources Within the APE for Direct Effects.

| Site | Site Type | Current VDHR Eligibility and Comments | Best Available Source(s) of Information |
|---|---|---|---|
| **44PW0912** | **Archaic/Woodland Native American** | **Unevaluated in DSS, Recommended Eligible After Phase II, CCR Concurs** | **Huston et al. (1996)<br>Jones et al. (1997)<br>McDonald (2000)** |
| 44PW1001 | Unattributed Native American | Determined Not Eligible | Stevens et al. (1999) |
| 44PW1042 | 19th -20th Century Cemetery | Determined Not Eligible | Stevens et al. (1999) |
| 44PW1045 | Unattributed Native American | Determined Not Eligible | Stevens et al. (1999) |
| 44PW1223 | Unattributed Native American | Determined Not Eligible | Hall et al. (2001) |
| 44PW1224 | Unattributed Native American | Determined Not Eligible | Hall et al. (2001) |
| 44PW1225 | Historic Road Trace | Determined Not Eligible | Hall et al. (2001) |
| **44PW1226** | **Archaic/Middle Woodland** | **Determined Eligible After Phase II** | **Hall et al. (2001)<br>Bamann (2005)** |
| 44PW1227 | Unattributed Native American | Determined Not Eligible After Phase II | Hall et al. (2001)<br>Bamann (2005) |
| 44PW1228 | Unattributed Native American | Determined Not Eligible | Hall et al. (2001) |
| **44PW1288** | **Late Archaic Native American** | **Recommended Potentially Eligible, Site Boundary Expanded by CCR, CCR Concurs with Previous Recommendation** | **Bedell and Fieldel (2003)** |
| 44PW1289 | Unattributed Native American | Determined Not Eligible After Phase II | Bedell and Fieldel (2003)<br>Goode et al. (2009) |
| 44PW1844 | American Wagon Train Camp #7 | Not Previously Evaluated, Map Projection Only, No Sites Survive at Location in APE | Selig (2009)<br>DSS Form |
| CCR 177 A-1 | Native American Isolated Find | Not Eligible | |
| CCR 177 A-2 | Unattributed Native American | Recommended Not Eligible | 44ST 1142 |
| CCR 177 A-3 | Mid 19th to 20th Century Domestic scatter | Recommended Not Eligible | 44ST 1143 |
| CCR 177 B-1 | Unattributed Native American | Recommended Not Eligible | |
| CCR 177 B-2 | Unattributed Native American | Recommended Not Eligible | |
| CCR 177 C-1 | Unattributed Native American | Recommended Not Eligible | |

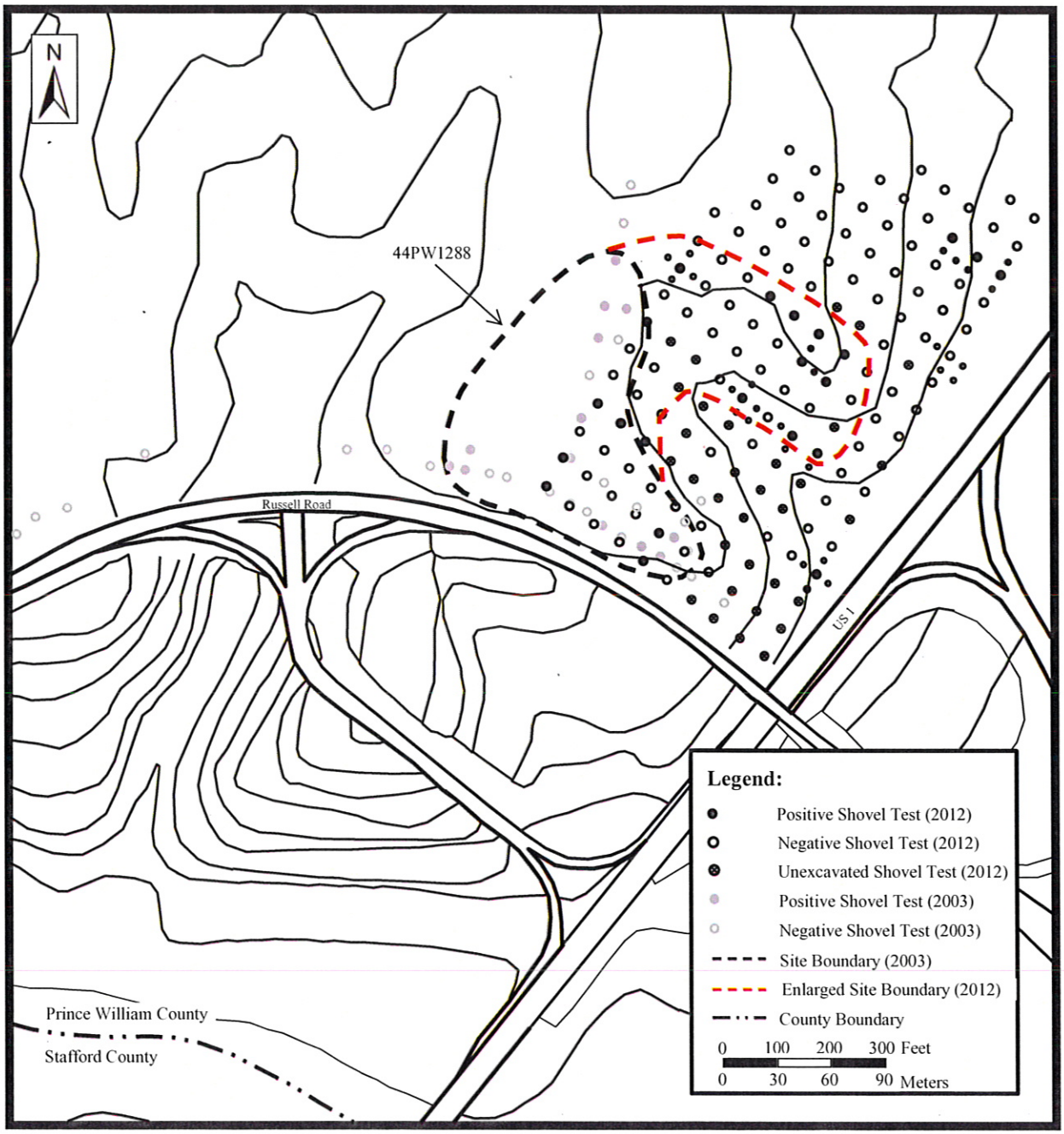



Figure 2: Site 44PW1288 Showing Previous Survey Results with the Results of the Current Survey Conducted by CCR in November 2012 (after Bedell Feidel [2003]).

# Virginia Department of Historic Resources
## Reconnaissance Level Survey

***DHR ID#:*** **089-5119** ***Other DHR ID#:***

### *Resource Information*

*Resource Name(s):* Commercial Building, 3846 Jefferson Davis Highway {Function/Location}
*Date of Construction:* ca 1930

*Local Historic District :*

***National Register Eligibility Status***

Resource has not been evaluated.*

* Resource has not been formally evaluated by DHR or eligibility information has not been documented in DSS at this time.

### *Location of Resource*

Commonwealth of Virginia

*County/Independent City:* Stafford

*Magisterial District:*
*Town/Village/Hamlet:*
*Tax Parcel:*
*Zip Code:*
*Address(s):* 3846 Jefferson Davis Highway {Current}
*USGS Quadrangle Name:* QUANTICO
*UTM Boundary Coordinates :*

| NAD | Zone | Easting | Northing |
|---|---|---|---|

*UTM Center coordinates :*
*UTM Data Restricted?.* No

### *Resource Description*

*Ownership Status:* Private
*Government Agency Owner:*
*Acreage:*
*Surrounding area:* Town
*Open to Public:* No
*Site Description:*

July 2008: The business complex is located on the south side of Route 1 at 3846 Jefferson Davis Highway. The complex is enclosed by a chain link fence. The lot behind the house is filled with junk cars. A gravel parking area is located in front of the main building.

*Secondary Resource Summary:*

July 2008: An shop building is located to the west of the main building.

### *Individual Resource Information*

| Count | Resource Types | Resource Status |
|---|---|---|
| 1 | Commercial Building | Contributing |
| 1 | Workshop | Contributing |

### *Individual Resource Detail Information*

| | | | |
|---|---|---|---|
| *Resource Type.* | Workshop | *Primary Resource?* | No |
| *Date of Construction:* | post 1950 {Site Visit} | *Accessed?* | No Not accessible |
| *Architectural Style:* | No Discernable Style | *Number of Stories:* | 1.0 |
| *Form:* | | *Condition:* | Good |
| *Interior Plan Type:* | | | |
| | | *Threats to Resource:* | Development |

July 2008: The largest of the concrete block buildings is constructed with a flat roof with a small parapet-like concrete block course. The building does not appear to be used as all the windows are boarded up or filled-in. The concrete block structure that is visible

through the gate is similar in appearance to the larger one fronting the street, although has a shed roof and no parapet.

### *Individual Resource Detail Information*

| | | | |
|---|---|---|---|
| *Resource Type:* | Commercial Building | *Primary Resource?* | Yes |
| *Date of Construction:* | ca 1930 {Site Visit} | *Accessed?* | No Not accessible |
| *Architectural Style:* | No Discernable Style | *Number of Stories:* | 1.0 |
| *Form:* | | *Condition:* | Good |
| *Interior Plan Type:* | | | |
| | | *Threats to Resource:* | Development |

July 2008: The one story house belonging to this complex is a five-bay building with the entry in the center bay. It appears that the bay at the east end of the building has been altered or added as evidenced from a linear seam in the clapboards. The structure is wood frame and has a low pitched roof and two chimneys rising from the ridgeline. The eastern-most chimney is brick and the western chimney, concrete block. An exterior concrete block chimney has been added to the west elevation. A shed roof, concrete block addition has been added to the rear of the building. Both the roof of the main block and the addition are covered in asphalt shingles. Fenestration on the main block consist of 1/1 double hung sash windows and modern entry doors with nine lights over two vertical recessed panels.

***Primary Resource Exterior Component Description:***

| Component | Comp Type/Form | Material | Material Treatment |
|---|---|---|---|
| Structural System | Structural System - Frame | Wood | Structural System - Weatherboard |
| Roof | Roof - Gable | Asphalt | Roof - Shingle |
| Chimneys | Chimneys - Interior | Brick | Chimneys - Flue |
| Chimneys | Chimneys - Exterior end | Concrete | Chimneys - Block |
| Windows | Windows - Sash, Double-Hung | Wood | Windows - 1/1 |
| Foundation | Foundation - Not Visible | Unknown | |
| Porch | Porch - None | | |

*Historic Time Period(s):* Q- World War I to World War II (1917-1945)

*Historic Context(s):* Commerce/Trade

### *Significance Statement*

July 2008: CRI recommends that the 1930s structure is potentially eligible for inclusion to the NRHP under Criteria A and C as an example of early twentieth century roadside architecture. The concrete block buildings and others located on the property are not recommended for inclusion on the NRHP under Criterion A, B, C or D based on their lack of historic architectural integrity, age, condition and undistinguished design and workmanship. Additionally, there is no known association with important persons or events and the building is constructed out of stock materials.

November 2012: CCR revisited the resource to confirm that it remains unchanged and to provide an updated recommendation for NRHP eligibility. During the current survey it was noted that the ca. 1930 commercial building has either been heavily renovated, and therefore has lost all of its integrity, or has been completely rebuilt, and therefore would be unlikely to qualify as eligible for the NRHP. The alterations include the addition of vinyl siding and vinyl replacement windows and changes to the fenestration pattern. CCR recommends that the building is not eligible for the NRHP under Criteria A, B, C or D and has updated the DSS form to reflect this.

### *National Register Eligibility Information (Intensive Level Survey):*

*National Register Criteria:*

*Period of Significance:*
*Level of Significance:*

# Virginia Department of Historic Resources
## Reconnaissance Level Survey

***DHR ID#:*** 089-5119

***Other DHR ID#:***

***Graphic Media Documentation***

| *DHR Negative #* | *Photographic Media* | *Negative Repository* | *Photo Date* | *Photographer* |
|---|---|---|---|---|
| | Digital | CRI Fredericksburg | July 2008 | CRI Staff |
| | Digital Images | CCR, Tarboro | October 10, 2012 | J. van den Hurk |

***Bibliographic Documentation***

***Cultural Resource Management (CRM) Events***

*CRM Event # 1,*

*Cultural Resource Management Event:* Survey:Phase I/Reconnaissance
*Date of CRM Event:* July 2008
*CRM Person:* CRI
*CRM Event Notes or Comments:*

Survey by Kevin Goodrich
Architectural Descriptions by Sandra DeChard
Data Entry by Aimee Leithoff

*CRM Event # 2,*

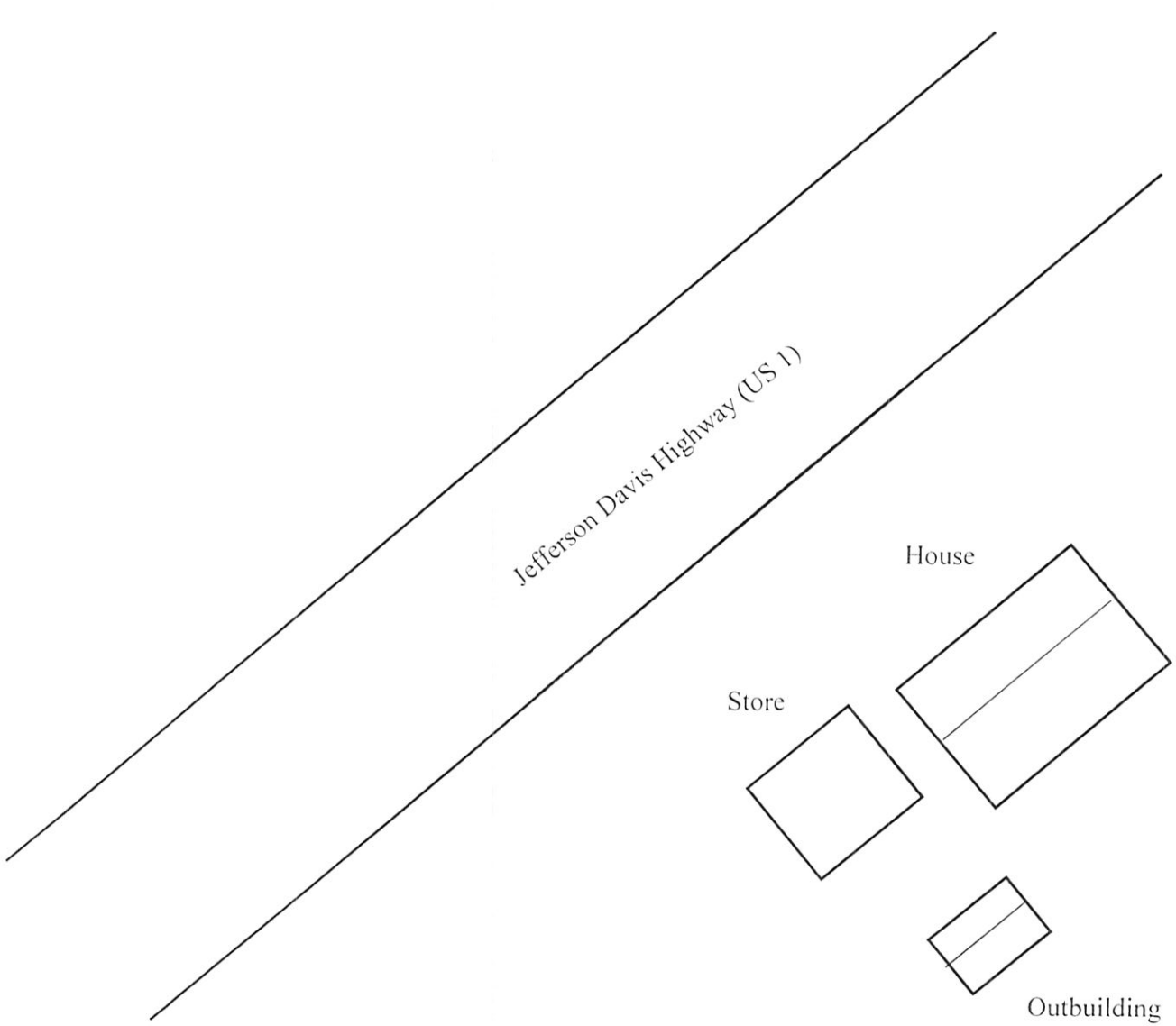
*Cultural Resource Management Event:* Survey:Phase I/Reconnaissance
*Date of CRM Event:* October 10, 2012
*CRM Person:* Coastal Carolina Research
*CRM Event Notes or Comments:*

Cultural Resources Survey for Route 1 Corridor At Marine Corps Base Quantico, Prince William and Stafford Counties, Virginia.

***Bridge Information***

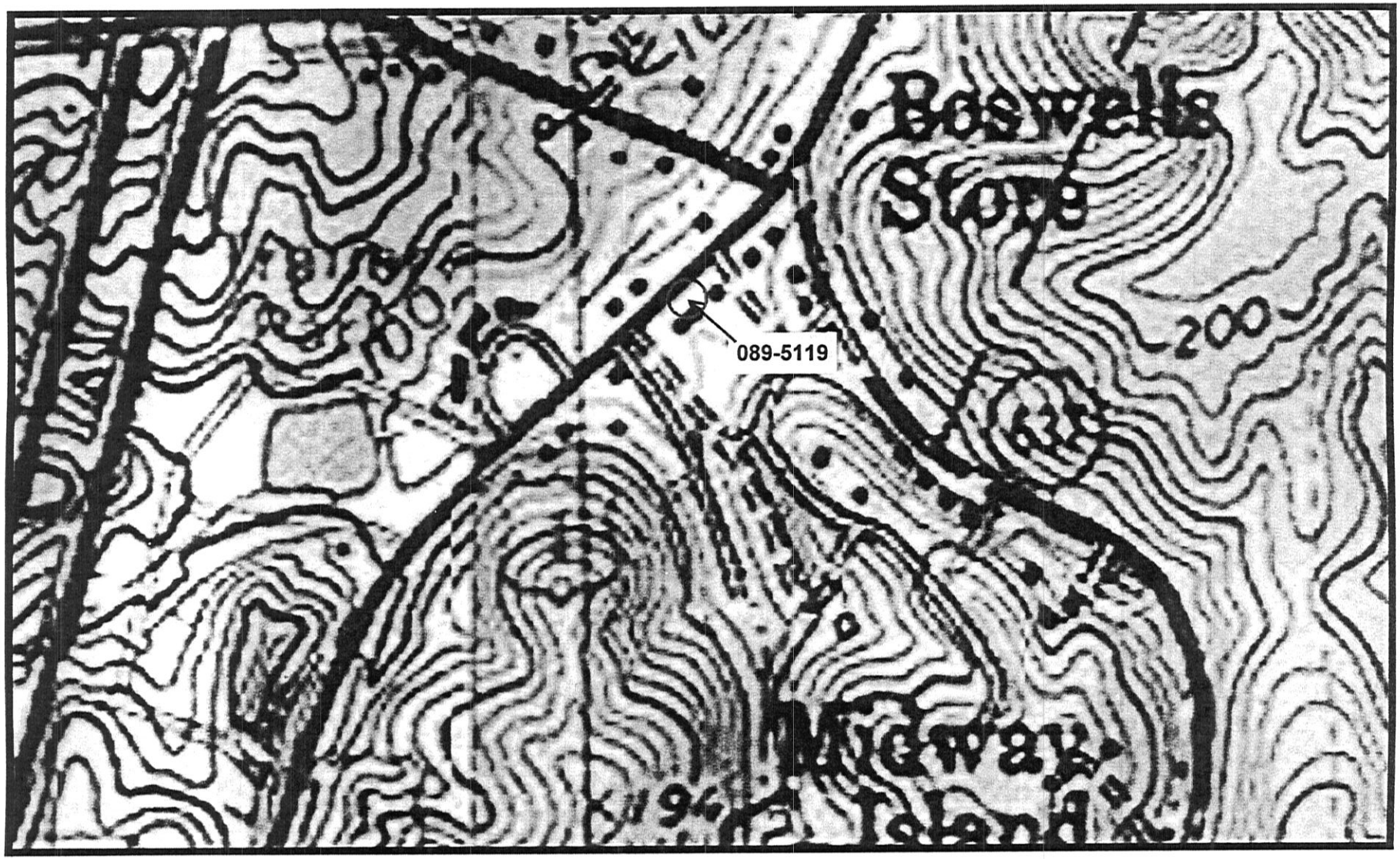
***Cemetery Information***

***Ownership Information***




N

VDHR # 089-5119
Commercial Building,
3846 Jefferson Davis Highway (Route 1)
Boswell's Corner, VA
Not to scale


Boswells
Stop
200
089-5119
635
Midway
Island

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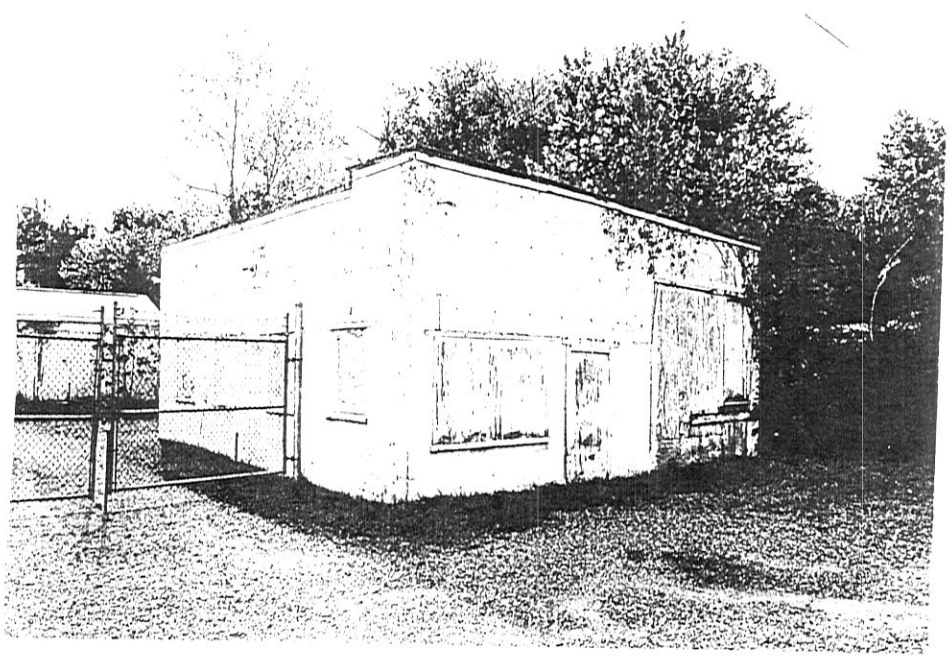
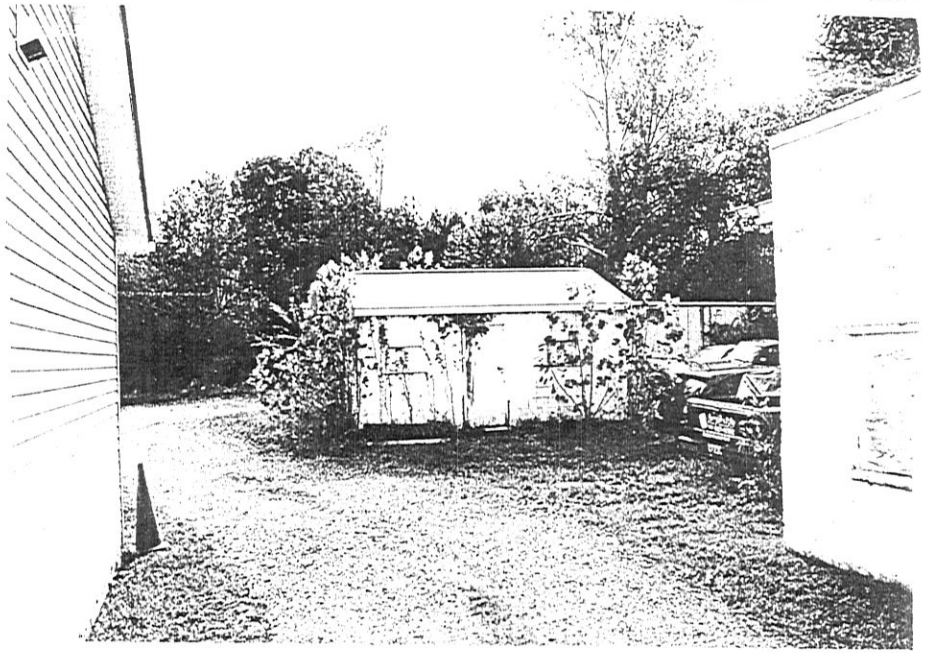
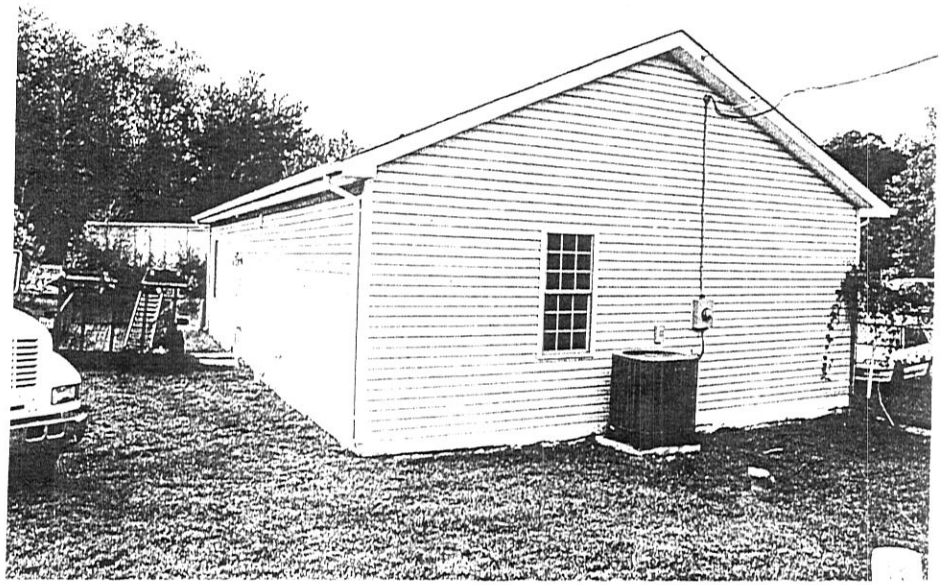
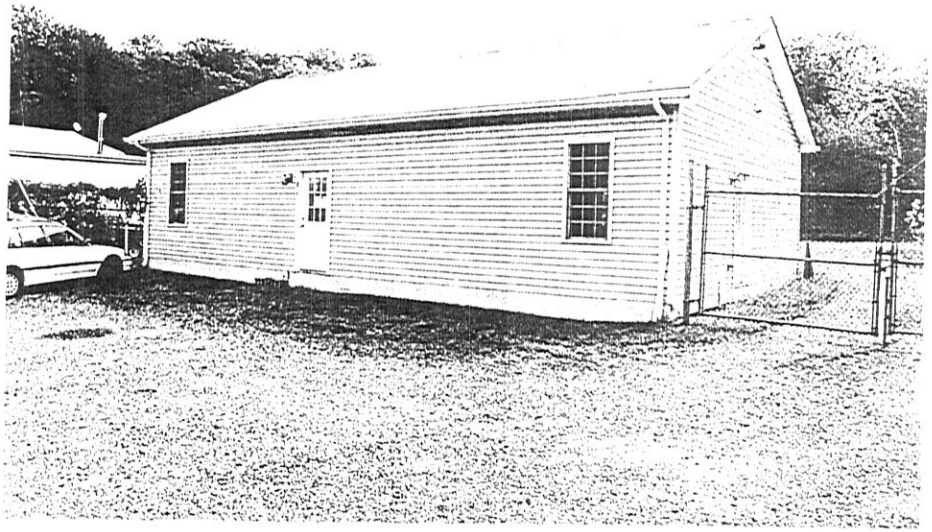
Commercial Building, 3846 Jefferson Davis Highway (Route 1)
VDHR # 089-5119









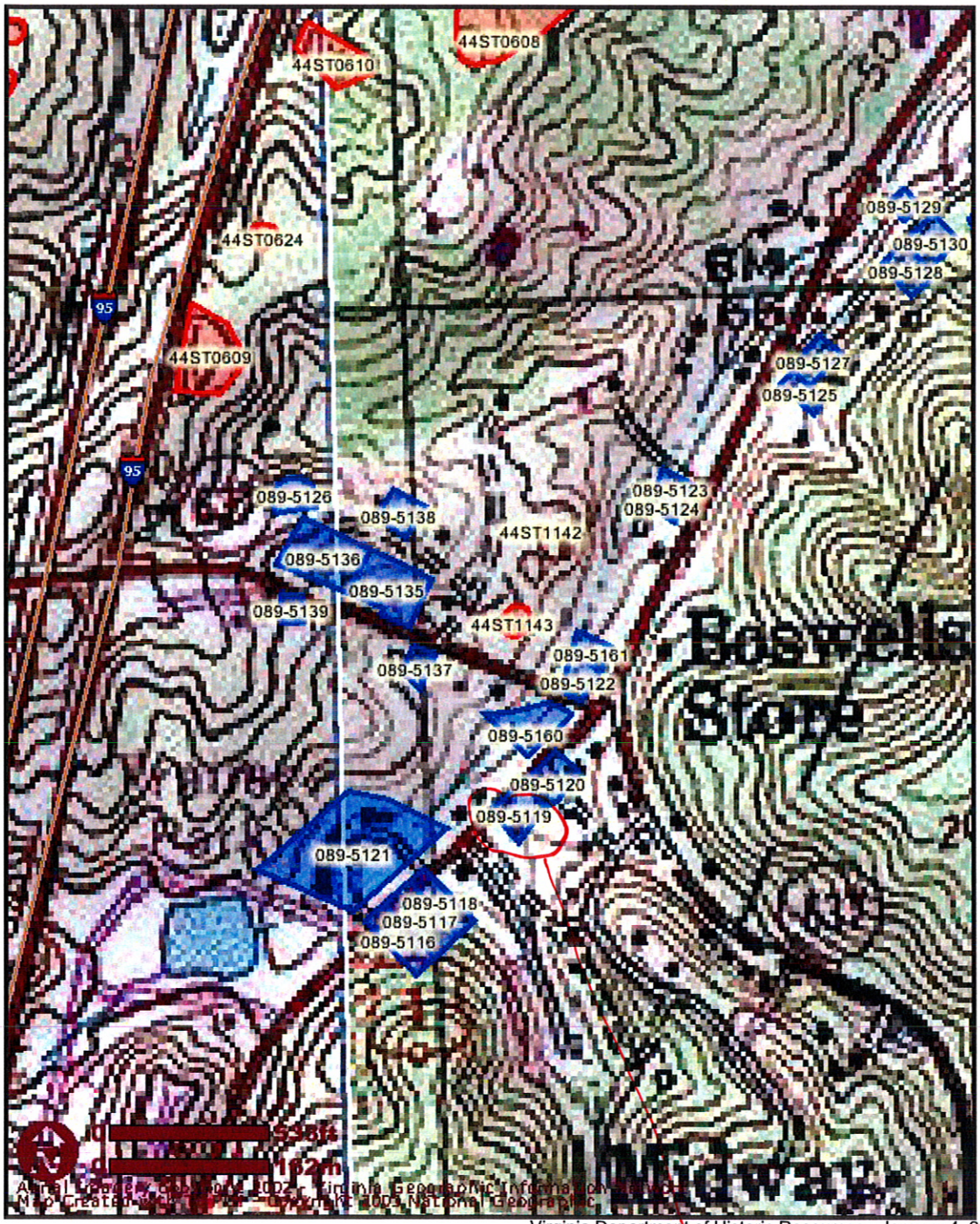
Commercial Building, 3846 Jefferson Davis Highway (Route 1)
089-5119
October 11, 2012
J. van den Hurk
View of Commercial Building looking Southwest

Commercial Building, 3846 Jefferson Davis Highway (Route 1)
089-5119
October 11, 2012
J. van den Hurk
View of Outbuilding looking South

Commercial Building, 3846 Jefferson Davis Highway (Route 1)
089-5119
October 11, 2012
J. van den Hurk
View of Dwelling looking west

Commercial Building, 3846 Jefferson Davis Highway (Route 1)
089-5119
October 11, 2012
J. van den Hurk
View of Dwelling looking Southeast

# Virginia Department of Historic Resources
# Data Sharing System, 01/07/2013

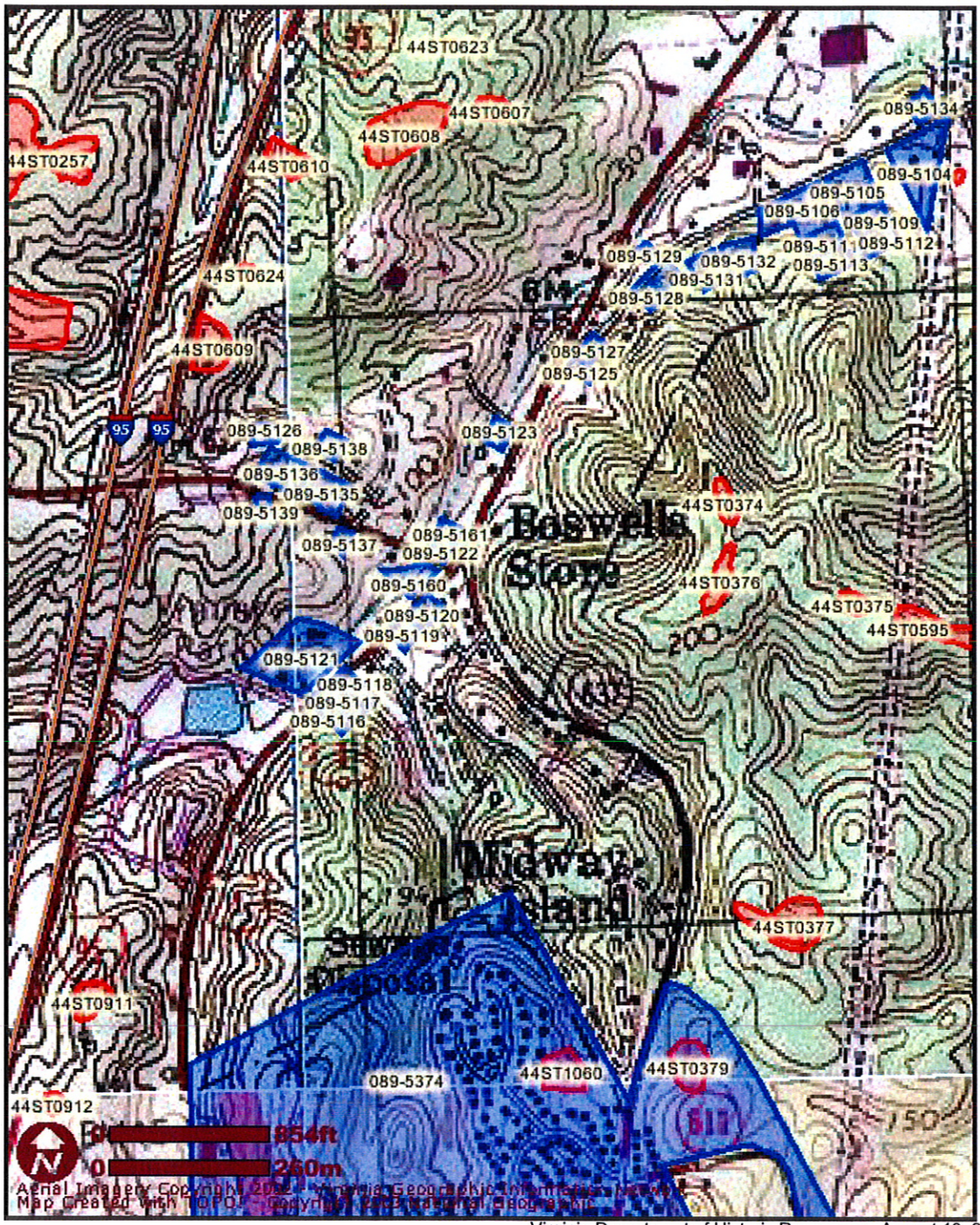



LEGEND
- Architecture Labels
- Archaeology Labels
- Interstates
- Architecture (polygon)
- Archaeology (polygon)
- County Boundary
- 24k TOPO

Virginia Department of Historic Resources - January 4, 2013
9:07 am

Potentially Eligible

# Virginia Department of Historic Resources
# Data Sharing System, 08/14/2012




LEGEND
- Architecture Labels
- Archaeology Labels
- Interstates
- Architecture (polygon)
- Archaeology (polygon)
- County Boundary
- 24k TOPO

Virginia Department of Historic Resources - August 10, 2012
4:09 pm

Rt. 1/Telegraph Quantico

Table 2-1: Previously Recorded Architectural Resources Within the Area of Potential Effects.

| VDHR Inventory Number | USGS 7.5' Topographic Quadrangle | County | Name, Address | Date | NRHP Status or Previous Recommendation or Comments | Best Available Source(s) of Information | Updated Recommendation by CCR |
|---|---|---|---|---|---|---|---|
| 076-5045 | Quantico, VA-MD | Prince William | Chili Hut, 18619 Jefferson Davis Highway (Route 1) | ca. 1940 | Not Eligible | Hall et al. (2001) | NA |
| 076-5046 | Quantico, VA-MD | Prince William | Skyline Tattoo, 18615 Jefferson Davis Highway (Route 1) | ca. 1945 | Not Eligible | Hall et al. (2001) | NA |
| 076-5195 | Quantico, VA-MD | Prince William | Colonial Road (King's Highway) Section | ca. 1750 | Not Evaluated | Selig (2009) | Potentially Eligible |
| 076-5433 | Quantico, VA-MD | Prince William | Iwo Jima Memorial | 1951 | Not Evaluated | VDHR File | Potentially Eligible |
| 076-0056 | Quantico, VA-MD | Prince William | Triangle Public Cemetery | early-19th to 20th century | Not Evaluated | VDHR File | Not Eligible |
| 287-0008 | Quantico, VA-MD | Prince William | Route 1 Bridge Over Tributary of Chopawamsic Creek | 20th century | Not Eligible | VDHR File: letter, H. Bryan Mitchell (VDHR) to James Mullen, October 16, 1992 | NA |
| 089-5116 | Quantico, VA-MD | Stafford | House, 3804 Jefferson Davis Highway (Route 1) | mid-to-late-20th century | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |
| 089-5117 | Quantico, VA-MD | Stafford | Business (Restaurant), 3810 Jefferson Davis Highway (Route 1) | mid-20th century | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |
| 089-5118 | Quantico, VA-MD | Stafford | House, 3820 Jefferson Davis Highway | 1968 | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |
| 089-5119 | Quantico, VA-MD | Stafford | Commercial Building, 3846 Jefferson Davis Highway (Route 1) | 1930s (House); mid-to-late 20th century (Complex) | House Recommended Potentially Eligible; Complex Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |
| 089-5120 | Quantico, VA-MD | Stafford | Automotive Business, 3854 Jefferson Davis Highway (Route 1) | mid-20th century | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |
| 089-5121 | Quantico, VA-MD and Joplin, VA | Stafford | Spring Lake Hotel, 3817 Jefferson Davis Highway (Route 1) | mid-20th century | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 089-5122 | Quantico, VA-MD | Stafford | Business, 3869 Jefferson Davis Highway (Route 1) | 19th century (original house) | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |
| 089-5123 | Quantico, VA-MD | Stafford | Business, 3901 Jefferson Davis Highway (Route 1) | mid-20th century | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |
| 089-5124 | Quantico, VA-MD | Stafford | Business, 3899 Jefferson Davis Highway (Route 1) | mid-20th century | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |
| 089-5125 | Quantico, VA-MD | Stafford | House, 3924 Jefferson Davis Highway (Route 1) | 1946 | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |
| 089-5126 | Joplin, VA | Stafford | Cemetery, Corner of Telegraph Road and I-95 | 1921-1990s | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |
| 089-5127 | Quantico, VA-MD | Stafford | House, 10 George Mason Road | 1940 | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |
| 089-5128 | Quantico, VA-MD | Stafford | House, 28 George Mason Road | 1941 | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |
| 089-5129 | Quantico, VA-MD | Stafford | House, 33 George Mason Road | 1940 | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |
| 089-5130 | Quantico, VA-MD | Stafford | House and 3053-B. Outbuilding, 36 George Mason Road | 1943 | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |
| 089-5135 | Quantico, VA-MD | Stafford | House, 866 Telegraph Road | 1950 | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |
| 089-5136 | Quantico, VA-MD and Joplin, VA | Stafford | House, 870 Telegraph Road | 1958 | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |
| 089-5137 | Quantico, VA-MD | Stafford | House, 853 Telegraph Road | 1932 | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |
| 089-5138 | Quantico, VA-MD | Stafford | House, 26 Minor Drive | 1920 | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |
| 089-5139 | Joplin, VA | Stafford | House, 7 Old Mount Road | 1925 | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |
| 089-5160 | Quantico, VA-MD | Stafford | Business, 3859 Jefferson Davis Highway (Route 1) | late-19th century | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |
| 089-5161 | Quantico, VA-MD | Stafford | Business, 3869 Jefferson Davis Highway (Route 1) | ca. 1940 | Recommended Not Eligible, Not Evaluated in DSS | Ferland et al. (2009) | Not Eligible |