

SERP ENVIRONMENTAL DOCUMENTATION

PRUDEN BOULEVARD AND PRUDENCE ROAD INTERSECTION IMPROVEMENTS STATE PROJECT # U000-133-R92 UPC 107267

Appendix A – Forms

1. EQ-429
2. EQ-555
3. EQ121

Appendix B – Project Figures

Appendix C – Agency Responses

1. DHR concurrence dated 10-11-2018
2. DCR correspondence dated 10-12-2018
3. DGIF correspondence dated 10-24-2018
4. USFWS correspondence dated 10-24-2018

Appendix D – Scoping Letters

1. Correspondence to DHR via EPIX Application dated 09-17-2018
2. Correspondence to DGIF dated 09-17-2018
3. Correspondence to USFWS 09-17-2018

Appendix E – Hazardous Materials Evaluation

1. Limited Hazardous Materials Review and Attachments dated 01-07-2019

Appendix F – Wetlands and Waters Review

1. Wetlands and Water Review dated 11-05-2018

APPENDIX A

FORMS



Required

Exempt from SERP

No Permits

Virginia Department of Transportation - PROJECT EARLY NOTIFICATION

PPMS ID: _____ Route: US-460
 VDOT Project #: U000-133-R92
 VDOT Charge #: UPC #107267
 City/County: Suffolk
 Zip Code: 23434
 Latitude/ Longitude (if known): 36° 47' 08.7072"
-76° 38' 34.2924"

For use by Environmental staff only:

Date received by Environmental: _____
 IECC Notification Date: _____
 Deadline for agency response (30th day): _____

Form submitted by: City of Suffolk
 Division/District/Residency: Hampton Roads
 Date submitted to Environmental: March 21, 2018

Project Limits (USGS topo map indicating termini required):
 From: Tax Map #24-16A
 To: Tax Map #24-2-3
 Length of Project (feet/miles): 3,000 feet

Is Local Government administering PE, R/W, or Construction? Yes No
 Funding Source: State Federal
 Target Advertisement date: 08/2019

Project description and comments (**be as specific as possible**): The project consists of widening Pruden Boulevard (US Route 460) to allow for a left turn movement both onto Prudence Road to the south as well as a left turn for potential development to the north. Improvements will also widen Prudence Road from the existing rural roadway to a three-lane urban roadway at the intersection to allow for one more receiving lane and a left and right lane leaving the school property and surrounding buildings. Proposed improvements consist of converting the existing shoulder section roadways to roadways with curb and gutter, a raised median, and proposed concrete sidewalks. Widening is proposed along the south side of US Route 460 and along both sides of Prudence Road.

Road Type: Interstate <input type="checkbox"/> Primary <input checked="" type="checkbox"/> Secondary <input type="checkbox"/> Urban <input type="checkbox"/> Other <input type="checkbox"/>	Type of project: Construction <input checked="" type="checkbox"/> Maintenance/Replacement <input type="checkbox"/> Maintenance <input type="checkbox"/> Railroad <input type="checkbox"/> Roadway work included: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Constructed by: State <input type="checkbox"/> Railroad Co. <input type="checkbox"/>	Location of work: Work within existing corridor <input type="checkbox"/> Changes to existing alignment <input checked="" type="checkbox"/> Work on new location <input type="checkbox"/>
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Road Conditions	Existing Conditions (must be completed)	Proposed Conditions (must be completed)
Pavement width (ft/m)	US Route 460: 45' - 56' Prudence Road: 22' - 24'	US Route 460: 44' - 77' Prudence Road: 33'
Number of traffic lanes	US Route 460: 4 lanes undivided. Prudence Road: 2 lanes undivided.	US Route 460: 4 lanes divided & left turn lanes on both approaches. Prudence Road: 2 lane undivided with widening at intersection
Right-of-way width (ft/m)	US Route 460: 66' - 77' Prudence Road: 50'	US Route 460: 68' - 100' Prudence Road: 50' - 58'

Additional information, include only if applicable to the proposed project:

Stream crossing (s)	Name of stream(s) crossed: N/A Drainage Area: <input type="checkbox"/> <5 miles ² <input type="checkbox"/> ≥5 miles ²	Hydrologic Unit Code (if known): 02080208	
Existing bridge(s)/drainage structure(s)	Type of bridge/structure (from HTRS): N/A	Bridge/structure #: N/A	Date constructed (bridge only): N/A
Public park(s) /forest(s)/ recreational area(s)	Name of facility: N/A	Degree of impact (if known): N/A	

Review agency responses must be sent to (*appropriate VDOT District SERP Coordinator, mailing address, phone number and email*):

Agency comments (attach additional sheets as necessary)

State agencies are requested to provide available existing database information on the project described above within 30 days of this notification. Database information should be sent directly to the District SERP Coordinator indicated above.

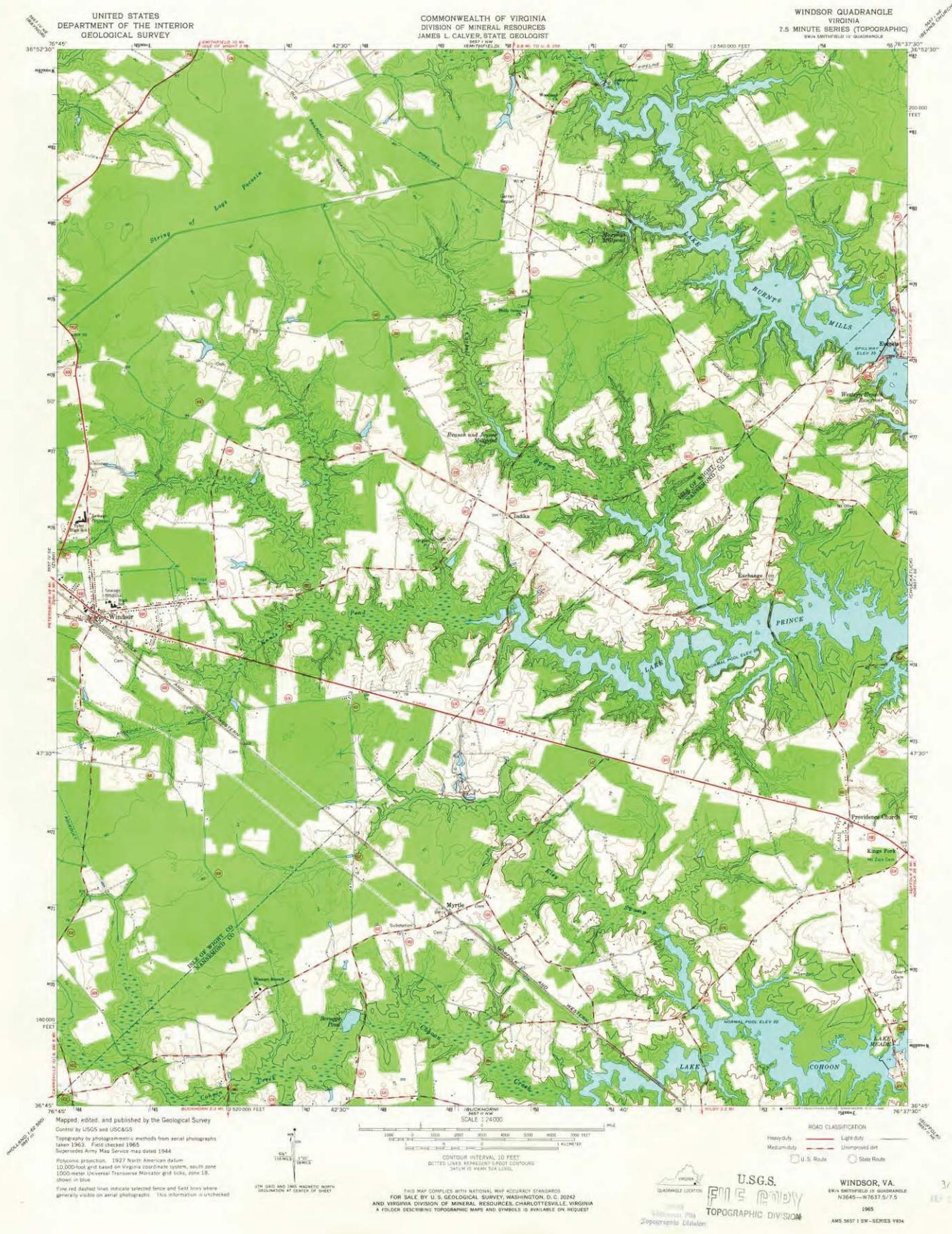
VDOT will send review agencies a copy of the Preliminary Environmental Inventory (PEI) for this project unless indicated here that review of the PEI is not necessary: ***Our agency does not need to review the PEI. Please consider our early comments in project development.***

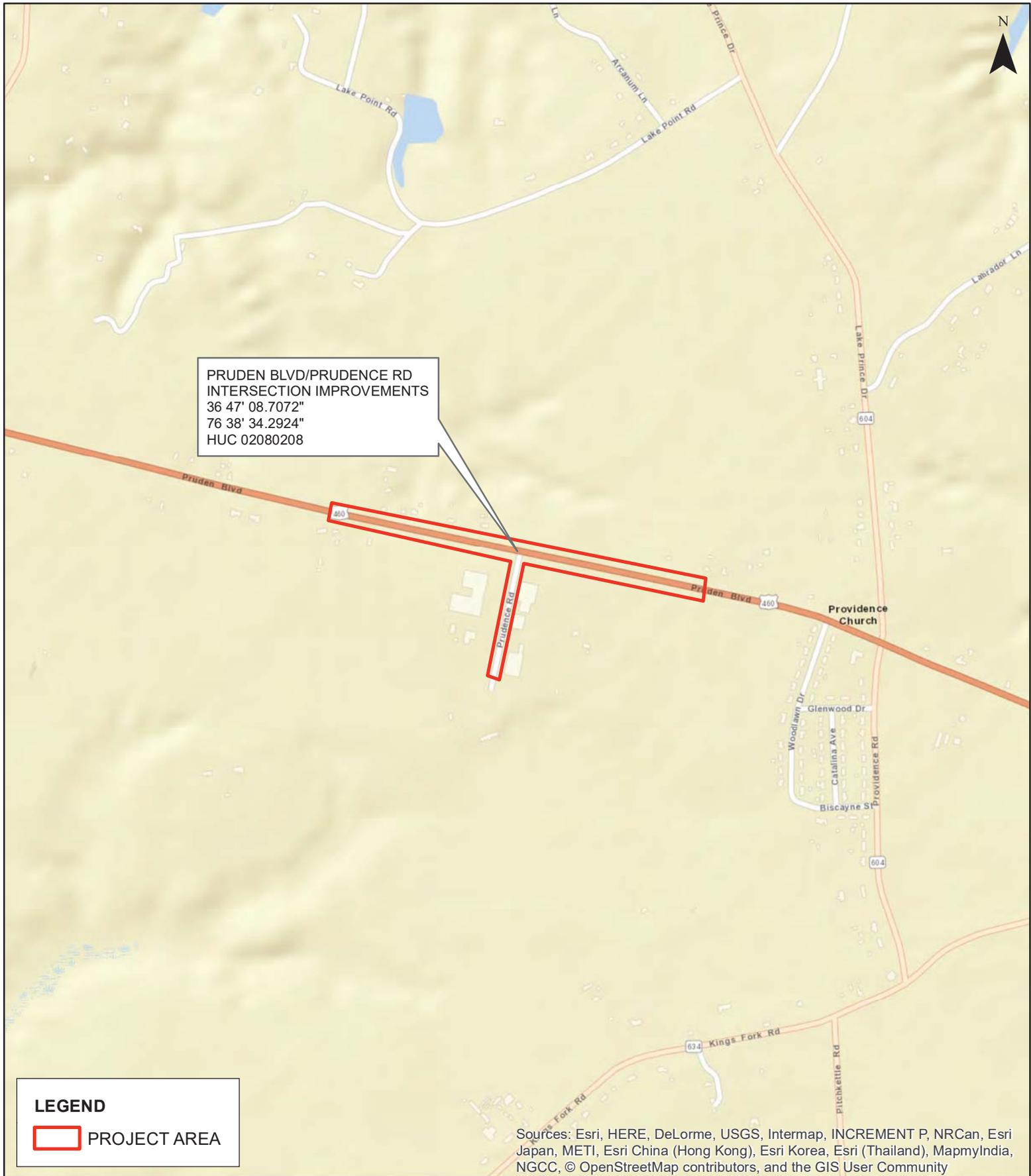
Name: _____ Agency _____ Date: _____

Project Number: U000-133-R92

USGS Quad Name: Windsor, VA

(paste .jpg or .gif topographic image below)





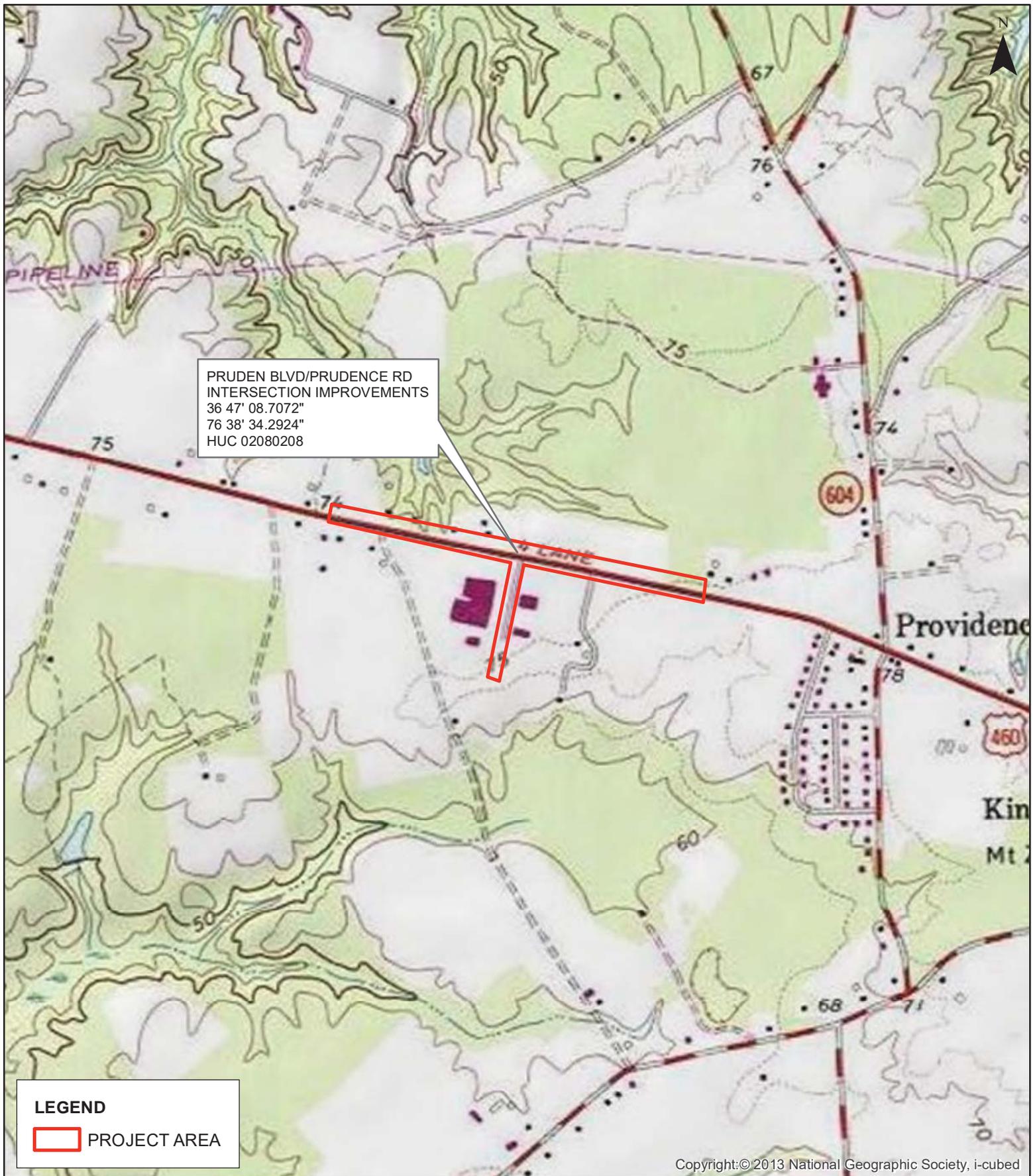
PRUDEN BLVD/PRUDENCE RD
INTERSECTION IMPROVEMENTS
SUFFOLK, VA
U000-133-R92, UPC# 107267

DATE: 02/23/2018

FIGURE 1

SCALE: 1 IN = 1,000 FT

OVERALL VICINITY



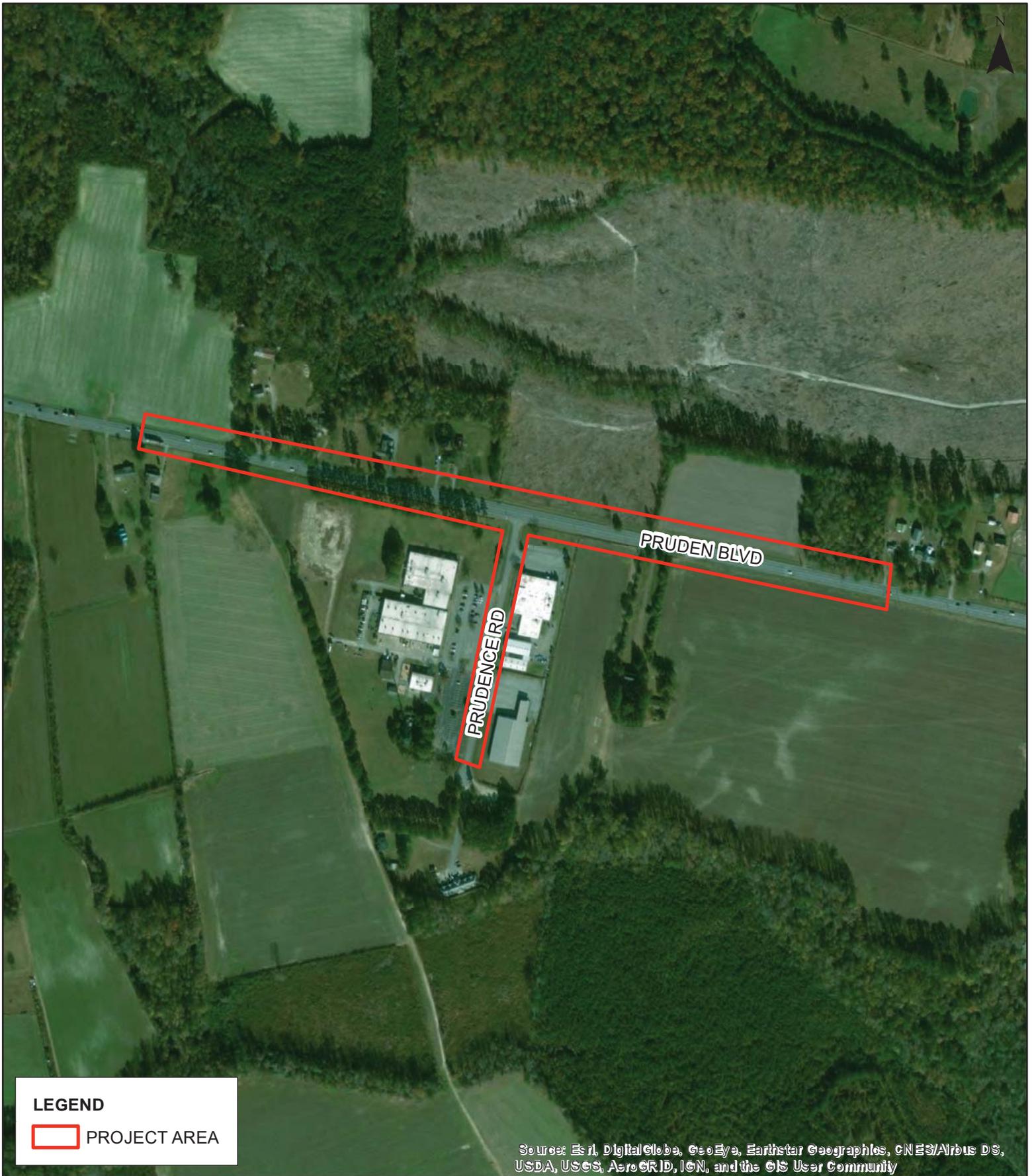
PRUDEN BLVD/PRUDENCE RD
INTERSECTION IMPROVEMENTS
SUFFOLK, VA
U000-133-R92, UPC# 107267

DATE: 02/23/2018

FIGURE 2

SCALE: 1 IN = 1,000 FT

TOPOGRAPHIC VICINITY



LEGEND
 PROJECT AREA

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

PRUDEN BLVD/PRUDENCE RD INTERSECTION IMPROVEMENTS SUFFOLK, VA U000-133-R92, UPC# 107267	DATE: 02/23/2018	FIGURE 3
	SCALE: 1 IN = 500 FT	AERIAL PHOTOGRAPH

VIRGINIA DEPARTMENT OF TRANSPORTATION	FORM EQ-555 (Revised 02/24/15)
WATER QUALITY PERMITS AND NATURAL RESOURCE DUE DILIGENCE CERTIFICATION/CHECKLIST FOR LOCALLY ADMINISTERED PROJECTS	UPC: 107267
	Project: Pruden Boulevard & Prudence Road Intersection Improvement Project

APPLICABILITY:

This checklist is designed to assist the LPA in compiling appropriate water quality/natural resource documentation for transportation projects. The LPA shall acquire all required water quality permits and natural resources clearances and reflect any commitments in the project construction documents. The supporting documentation must be submitted to VDOT prior to project certification for advertisement/construction.

Water Quality Permits:

The LPA is responsible for obtaining all necessary water quality permits for this project prior to advertisement.

Water Quality Permit(s) Requirements for the project are listed below:

Permitting Agency	Permit Required Yes/No	Permit Type	Permit Number	Issued Date	Expiration Date
Corps of Engineers	NO				
Department of Environmental Quality	NO				
Virginia Marine Resource Commission	NO				
Tennessee Valley Authority	NO				

Attach Copy of all Permits Acquired for the project.

Compensatory Mitigation

The LPA is responsible for providing the water quality permit required compensatory mitigation for this project.

Is compensatory mitigation required for the unavoidable wetland and stream impacts? Yes No

If Yes, Complete below chart and select appropriate compensatory mitigation type

Compensation Type	Cowardin Classification	Impact HUC	Impact Size	Compensation HUC	Compensation Required
Wetlands					
Streams					

Mitigation Bank:

1. Insert Name of Locality and the applicable State and Federal agencies having jurisdiction over the use and disturbance of waters of the United States including areas known as wetlands and stream have agreed that compensatory mitigation requirements may be satisfied by the purchase from Insert Name of Bank of Insert Number Credits, as provided in this Agreement and in accordance with the Mitigation Banking Instrument, subject to case-by-case approval through the permitting process.

2. Insert Name of Mitigation bank consists of Insert Number wetlands acres and Insert Number linear feet of streams, more or less, located in Insert County, Virginia. The Bank's Mitigation Banking Instrument was approved by the U.S. Army Corps of Engineers ("Corps") on Insert Date. The Bank is authorized to sell mitigation credits to compensate for unavoidable impacts to waters of the United States caused by projects approved pursuant to permits or authorizations granted by the Corps ("Credits"). Operation, management and maintenance of the Bank is subject to the requirements of the Mitigation Banking Instrument, to the statutes, regulations and policies cited therein and to the requirements of all Federal and State permits as applicable.

Trust Fund Payment

1. Name of Locality and the applicable State and Federal agencies having jurisdiction over the use and disturbance of waters of the United States including areas known as wetlands and stream have agreed that compensatory mitigation requirements may be satisfied by the payment of Insert Dollar amount to the Trust Fund for the disturbance of Insert Number acres of wetlands and Insert Number linear feet of streams.

Compensation Project:

1. The LPA and the applicable State and Federal agencies having jurisdiction over the use and disturbance of waters of the United States including areas known as wetlands and stream have agreed that compensatory mitigation requirements may be satisfied by the implementation of a compensation project for the disturbance of Insert Number acres of wetlands and Insert Number linear feet of streams.
2. Compensation Project Types: (Check Appropriate)
 - Establishment/Creation:** The manipulation of the physical, chemical, or biological characteristics present to develop a wetland on an upland or deepwater site, where a wetland did not previously exist. Establishment results in a gain in wetland acres.
 - Restoration:** The manipulation of the physical, chemical, or biological characteristics of a site with the goal of returning natural or historic functions to a former or degraded wetland or stream.
 - Enhancement:** The manipulation of the physical, chemical, or biological characteristics of a wetland and or stream (undisturbed or degraded) to heighten, intensify, or improve specific function(s) or to change the growth stage or composition of the vegetation present. Enhancement is undertaken for specified purposes such as water quality improvement, flood water retention, or wildlife habitat. Enhancement results in a change in wetland function(s) and can lead to a decline in other wetland functions, but do not result in a gain in wetland acres.
 - Protection/Maintenance (Preservation):** The removal of a threat to, or preventing the decline of, wetland and/or stream conditions by an action in or near a wetland or stream. This term includes the purchase of land or easements, repairing water control structures or fences, or structural protection such as repairing a barrier island. This term also includes activities commonly associated with the term preservation. Preservation does not result in a gain of wetland acres and will be used only in exceptional circumstances.
3. Compensation Project consists of Insert Number wetlands acres and Insert Number linear feet of streams, located in Insert County, Virginia.
4. The LPA is responsible for accomplishing, maintaining, and monitoring the compensation project and for providing long-term management and financial assurances set aside for remedial measures to ensure mitigation success. This includes identifying the party that will provide for long-term management and protection of the compensation project.

Threatened and Endangered Species

The LPA is responsible for obtaining all necessary regulatory clearances for this project prior to advertisement.

This section must be completed to document threatened or endangered species review for all activities.

The LPA has reviewed the project and appropriate data sources and have made one of the following determinations with respect to this project: (Check Appropriate)

Based upon a review of the DGIF data and DCR Natural Heritage Conservation Site Maps for the project area, no Threatened or Endangered species collections/records are within a 2-mile search distance for the project. A copy of this determination has been provided to VDOT.

Based upon a review of the DGIF data and DCR Natural Heritage Conservation Site Maps for the project area, Threatened or Endangered species collections/records are within the required 2-mile search distance for the project. (Check Appropriate)

Kimley-Horn has conducted a site evaluation within the area of effect for the project. A copy of the assessment has been provided to DGIF, DNH, and FWS on 9-17-18 and 10-24-18. The agency comments (check appropriate) were received within 30 days or were not received within 30 days. Comments received from the agencies are addressed in the project plans and contract documents. This documentation has been provided to VDOT.

Indicate results of Site Evaluation:

No Habitat identified

Habitat identified

Habitat identified and a species survey was requested by Insert Agency, performed by insert name, and coordination conducted on Insert Date with DGIF, DNH, and FWS. The agency comments were received and addressed. This documentation has been provided to VDOT.

Section 7 Consultation for a species in the project area was required by Insert Name of Federal Agency. The Biological Opinion prepared by Fish and Wildlife Service was received on Insert Date and the requirements of the Biological Opinion have been incorporated into the project design and contract construction documents. A copy of the Biological Opinion has been provided to VDOT.

T&E Species: No species or critical habitats identified during coordination with agencies.

I hereby certify that:

- (1) The information contained in this document is accurate and complete to the best of my knowledge.
- (2) Where actual or potential impacts to wetlands, streams, and/or endangered species have been identified, appropriate actions have been taken (or will be taken) by the LPA to address these issues in terms of avoidance, minimization or compensation. Where such actions are required to be taken during construction, appropriate contract provisions have been/will be developed to incorporate those costs as pay items in the contract.
- (3) Estimated costs for project construction inspections and post-construction monitoring and remediation for the compensatory mitigation have been/will be taken into consideration.
- (4) The project will be inspected in accordance with state and federal requirements.
- (5) The construction contractor will be made aware of any environmental issues that may be encountered during construction and will be provided access to any study results to assist the Contractor in developing and implementing the project in accordance with the regulatory permits and clearances.

Attach additional pages as necessary.

Certification provided on behalf of City of Suffolk by:

County Administrator/City Manager/Zoning Administrator

Date: _____

Title

VIRGINIA DEPARTMENT OF TRANSPORTATION HAZARDOUS MATERIALS DUE DILIGENCE CERTIFICATION FOR LOCALLY ADMINISTERED PROJECTS (EQ-121)	FORM EQ-121 (Revised 2/27/09)
	UPC: 107267
	Project: Pruden Boulevard & Prudence Road Intersection Improvement Project

I. APPLICABILITY:

This form must be completed by the LPA and submitted to the VDOT District Environmental Manager who will use this as documentation to support the Environmental Certification (Form EQ-103) and/or PS&E Re-evaluation (Form EQ-200) for any construction project. No project will receive certification to advance to construction until the form is received.

II. CONDITIONS:

The LPA shall complete this form when all hazardous materials-related issues have been identified and addressed for the project. It is not necessary that all hazardous materials issued be resolved prior to submission of this form, however, a plan must be in place to ensure resolution. This form must be submitted prior to acquiring project Right-of-Way. All existing right of way, or properties to be acquired for use as right of way, must receive an appropriate level of study. This includes existing VDOT right of way, locality-owned, proffered, or donated properties.

III. CERTIFICATION:

I hereby certify that:

(1) City of Suffolk has performed studies, analyses, reviews and/or investigations of hazardous materials-related issues for all properties that it has acquired or intends to acquire for the project. Such studies, investigations, etc. constitute an appropriate level of inquiry to identify the likely presence of any hazardous substances or petroleum products or conditions that indicate an existing release, a past release, or the material threat of a release of hazardous substances into the soil, groundwater or surface water of the property or adjacent properties, or the presence of such impairments associated with buildings or structures. The following lists the consultants and reports that were utilized in the conduct of the due diligence studies:

Consultant	Title of Consultant Report	Report Date
Kimley- Horn	Limited Evaluation for Hazardous Materials	01/07/2019

- (2) (Choose one of the following):
- No potential or actual contaminated environmental media or other environmental impairments that would affect construction were identified within the project right-of-way.
 - Actual or potential environmental impairments have been noted on the following properties and as indicated, a cost estimate(s) of potential remediation/closure activities to meet state and/or federal regulations is provided as well as an indicator of any coordination made with the Virginia Department of Environmental Quality and/or the U.S. Environmental Protection Agency:

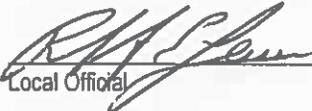
Property	Parcel Number	Agency Coordination?	Closure/Remediation Estimate
		<input type="checkbox"/> Yes <input type="checkbox"/> No	\$
		<input type="checkbox"/> Yes <input type="checkbox"/> No	\$
		<input type="checkbox"/> Yes <input type="checkbox"/> No	\$
		<input type="checkbox"/> Yes <input type="checkbox"/> No	\$

		<input type="checkbox"/> Yes	<input type="checkbox"/> No	\$
		<input type="checkbox"/> Yes	<input type="checkbox"/> No	\$
		<input type="checkbox"/> Yes	<input type="checkbox"/> No	\$

Attach additional pages as necessary.

- (3) Where actual or potential environmental impairments have been identified, appropriate actions have been taken (or will be taken) to address these issues in terms of avoidance, containment, management, minimization or remediation. Where such actions are required to be taken during construction, appropriate contract provisions have been/will be developed to incorporate those costs as pay items in the contract.
- (4) Estimated costs for regulatory closure/remediation have been/will be taken into consideration in determining fair market value for properties to be acquired.
- (5) All structures will be inspected for the presence of asbestos-containing materials (ACM) and any regulated ACM will be removed in accordance with state and federal requirements.
- (6) The construction contractor will be made aware of any environmental issues that may be encountered during construction and will be provided access to any study results to assist the Contractor in developing and implementing appropriate Employee Health and Safety measures.

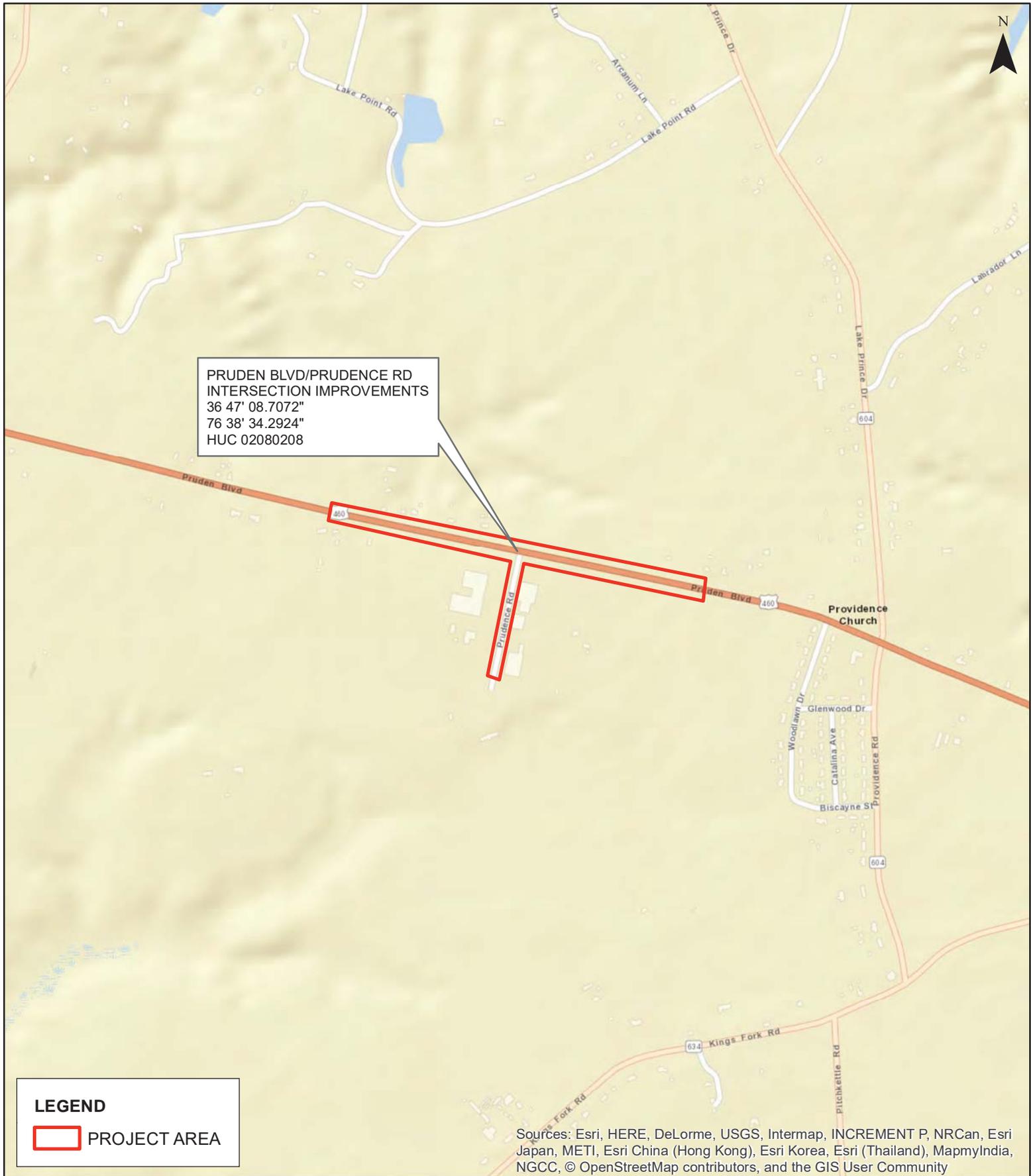
Certification provided on behalf of the City of Suffolk by:


 Local Official

Date: 6/14/19

Asst. Dir of Public Works
 Title

APPENDIX B
PROJECT FIGURES



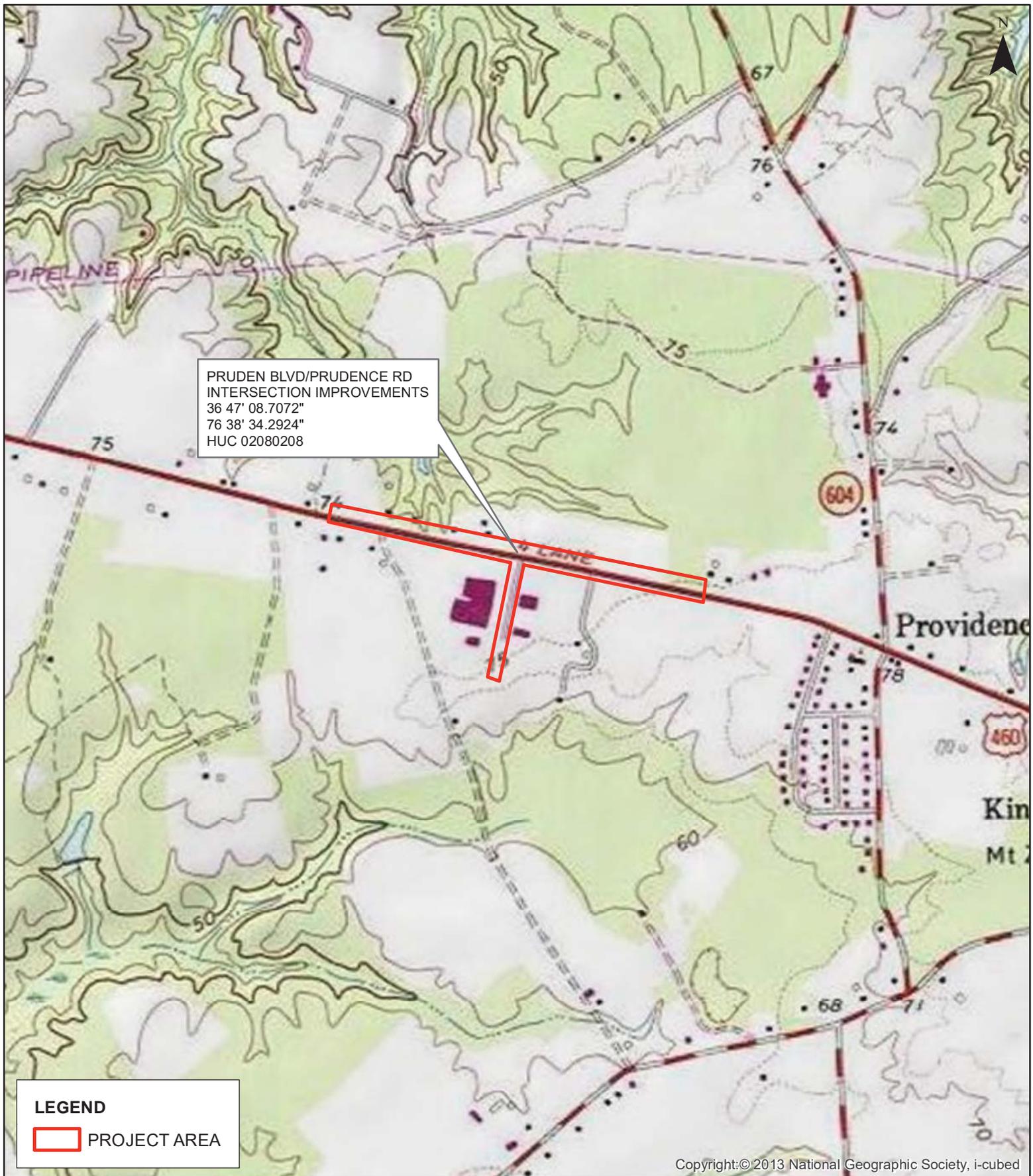
PRUDEN BLVD/PRUDENCE RD
INTERSECTION IMPROVEMENTS
SUFFOLK, VA
U000-133-R92, UPC# 107267

DATE: 02/23/2018

SCALE: 1 IN = 1,000 FT

FIGURE 1

OVERALL VICINITY



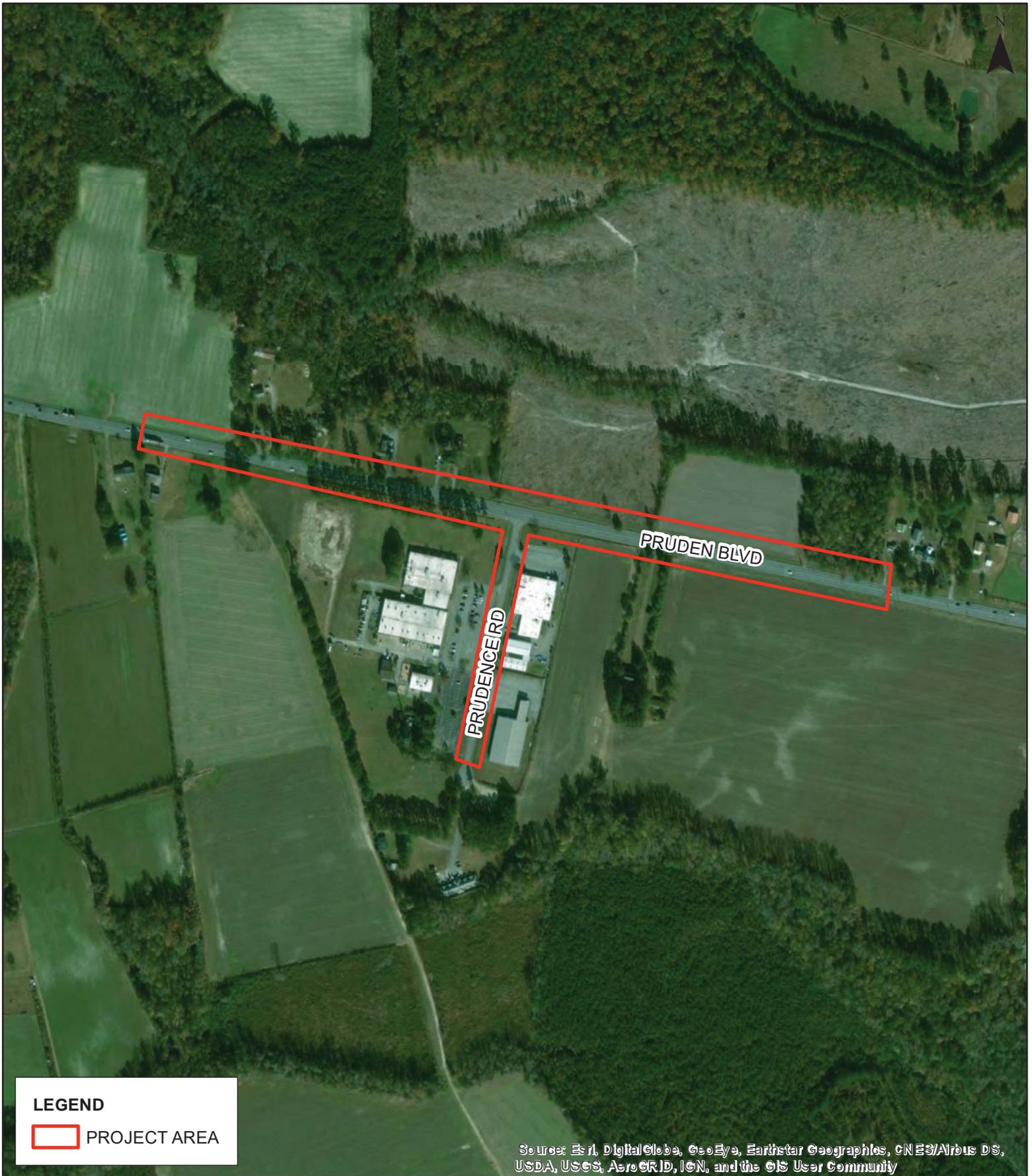
PRUDEN BLVD/PRUDENCE RD
INTERSECTION IMPROVEMENTS
SUFFOLK, VA
U000-133-R92, UPC# 107267

DATE: 02/23/2018

FIGURE 2

SCALE: 1 IN = 1,000 FT

TOPOGRAPHIC VICINITY



LEGEND

PROJECT AREA

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

PRUDEN BLVD/PRUDENCE RD INTERSECTION IMPROVEMENTS SUFFOLK, VA U000-133-R92, UPC# 107267	DATE: 02/23/2018	FIGURE 3
	SCALE: 1 IN = 500 FT	AERIAL PHOTOGRAPH

APPENDIX C
AGENCY RESPONSES



COMMONWEALTH of VIRGINIA

Department of Historic Resources

2801 Kensington Avenue, Richmond, Virginia 23221

Matt Strickler
Secretary of Natural Resources

Julie V. Langan
Director

Tel: (804) 367-2323
Fax: (804) 367-2391
www.dhr.virginia.gov

MEMORANDUM

DATE: 11 October 2018 **DHR File #** 2018-4125

TO: Ms Taylor Beard
Kimley-Horn

FROM:  Marc E. Holma, Architectural Historian (804) 482-6090
Office of Review and Compliance

PROJECT: Pruden Boulevard/Prudence Road Intersection Improvement Project
City of Suffolk

This project will have an effect on historic resources. Based on the information provided, the effect will not be adverse.

This project will have an adverse effect on historic properties. Further consultation with DHR is needed under Section 106 of the NHPA.

Additional information is needed before we will be able to determine the effect of the project on historic resources. **Please see below.**

No further identification efforts are warranted. No historic properties will be affected by the project. Should unidentified historic properties be discovered during implementation of the project, please notify DHR.

We have previously reviewed this project. Attached is a copy of our correspondence.

Other (Please see comments below)

COMMENTS:

Administrative Services
10 Courthouse Ave.
Petersburg, VA 23803
Tel: (804) 862-6408
Fax: (804) 862-6196

Eastern Region Office
2801 Kensington Avenue
Richmond, VA 23221
Tel: (804) 367-2323
Fax: (804) 367-2391

Western Region Office
962 Kime Lane
Salem, VA 24153
Tel: (540) 387-5443
Fax: (540) 387-5446

Northern Region Office
5357 Main Street
PO Box 519
Stephens City, VA 22655
Tel: (540) 868-7029
Fax: (540) 868-7033

Matthew J. Strickler
Secretary of Natural Resources

Clyde E. Cristman
Director



Rochelle Altholz
*Deputy Director of
Administration and Finance*

Russell W. Baxter
*Deputy Director of
Dam Safety & Floodplain
Management and Soil & Water
Conservation*

Thomas L. Smith
Deputy Director of Operations

COMMONWEALTH of VIRGINIA
DEPARTMENT OF CONSERVATION AND RECREATION

October 12, 2018

Nick Romano
Kimley-Horn and Associates
4525 Main Street Suite 1000
Virginia Beach, VA 23462

Re: Pruden Boulevard

Dear Mr. Romano:

The Department of Conservation and Recreation's Division of Natural Heritage (DCR) has searched its Biotics Data System for occurrences of natural heritage resources from the area outlined on the submitted map. Natural heritage resources are defined as the habitat of rare, threatened, or endangered plant and animal species, unique or exemplary natural communities, and significant geologic formations.

Biotics historically documents the presence of natural heritage resources within two miles of the project area. However, due to the scope of the activity and the distance to the resources, we do not anticipate that this project will adversely impact these natural heritage resources.

Under a Memorandum of Agreement established between the Virginia Department of Agriculture and Consumer Services (VDACS) and the DCR, DCR represents VDACS in comments regarding potential impacts on state-listed threatened and endangered plant and insect species. The current activity will not affect any documented state-listed plants or insects.

There are no State Natural Area Preserves under DCR's jurisdiction in the project vicinity.

New and updated information is continually added to Biotics. Please re-submit a completed order form and project map for an update on this natural heritage information if the scope of the project changes and/or six months has passed before it is utilized.

A fee of \$60.00 has been assessed for the service of providing this information. Please find attached an invoice for that amount. Please return one copy of the invoice along with your remittance made payable to the Treasurer of Virginia, **DCR - Division of Natural Heritage, 600 East Main Street, 24th Floor, Richmond, VA 23219**. Payment is due within thirty days of the invoice date. Please note the change of address for remittance of payment as of July 1, 2013. Late payment may result in the suspension of project review service for future projects.

The Virginia Department of Game and Inland Fisheries (VDGIF) maintains a database of wildlife locations, including threatened and endangered species, trout streams, and anadromous fish waters that may contain

600 East Main Street, 24th Floor | Richmond, Virginia 23219 | 804-786-6124

*State Parks • Soil and Water Conservation • Outdoor Recreation Planning
Natural Heritage • Dam Safety and Floodplain Management • Land Conservation*

information not documented in this letter. Their database may be accessed from <http://vafwis.org/fwis/> or contact Ernie Aschenbach at 804-367-2733 or Ernie.Aschenbach@dgif.virginia.gov.

Should you have any questions or concerns, please contact me at 804-225-2429. Thank you for the opportunity to comment on this project.

Sincerely,

A handwritten signature in cursive script that reads "Tyler Meader".

Tyler Meader
Natural Heritage Locality Liaison

From: [Romano, Nicholas](#)
To: ["Projectreview@dgif.virginia.gov"](mailto:Projectreview@dgif.virginia.gov)
Cc: [Beard, Taylor](#); ["Ernie.Aschenbach@dgif.virginia.gov"](mailto:Ernie.Aschenbach@dgif.virginia.gov)
Subject: FW: Attn: Ernie Aschenbach - Pruden Boulevard and Prudence Road Intersection VAFWIS Search Report 9-17-18
Date: Wednesday, October 24, 2018 4:15:00 PM
Attachments: [Pruden Boulevard and Prudence Road Intersection VAFWIS Search Report 9-17-18.pdf](#)

Good afternoon,

Kimley-Horn previously submitted a project review request on September 17, 2018 (see below) on behalf of the City of Suffolk. We have not received a response from you all on this review. We would appreciate your review and comments/concurrence regarding T&E concerns.

Thank you for your time and review.

Sincerely,

Nicholas Romano |

Kimley-Horn | 4525 Main Street Suite 1000 Virginia Beach, VA

Direct: 757-355-6679 | Main: 757-213-8600 |

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[Celebrating 11 years as one of FORTUNE's 100 Best Companies to Work For](#)

From: Pringle, Dustin
Sent: Monday, September 17, 2018 1:06 PM
To: ProjectReview@dgif.virginia.gov
Cc: Beard, Taylor <Taylor.Bead@kimley-horn.com>
Subject: Attn: Ernie Aschenbach - Pruden Boulevard and Prudence Road Intersection VAFWIS Search Report 9-17-18

Good afternoon,

The City of Suffolk is proposing improvements to Pruden Boulevard and its intersection with Prudence Road. The project consists of widening 3,000 linear feet of Pruden Boulevard and intersection of Prudence Road. Proposed improvements consist of converting the existing shoulder section roadways to roadways with curb and gutter, a raised median, and proposed concrete sidewalks. Widening is proposed along the south side of US Route 460 and along both sides of Prudence Road. This project review is needed for compliance with the SERP process. There is anticipated SERP funding (VDOT Project No. U000-133-R92).

Based on the review of the VaFWIS report, no threatened or endangered species were identified within the vicinity of the proposed project area. No species were identified within a 2-mile radius of the proposed project area and it is not anticipated that the proposed project would have any

adverse effects on threatened or endangered species.

Please see the attached maps and database results. A review of the proposed project and comments would be greatly appreciated. Thank you for your time and review!

Sincerely,

Dustin Pringle
Environmental Scientist
Kimley-Horn and Associates, Inc.
4525 Main St Suite 1000
Virginia Beach, Virginia 23462
Email: dustin.pringle@kimley-horn.com
Phone: 757-213-6690

Beard, Taylor

From: Romano, Nicholas
Sent: Wednesday, October 24, 2018 4:14 PM
To: 'troy_andersen@fws.gov'; 'virginiafieldoffice@fws.gov'
Cc: Beard, Taylor
Subject: FW: Pruden Boulevard and Prudence Road Intersection Improvement Self-Certification and Submittal 9-17-18
Attachments: Pruden Boulevard and Prudence Road Intersection Improvement Self-Certification and Submittal 9-17-18.pdf

Good afternoon,

Kimley-Horn previously submitted the completed Self-Certification Letter and Submittal Package on September 17, 2018 (see below) on behalf of the City of Suffolk. We have not received a response from you all on this review. We would appreciate your review and comments/concurrence regarding T&E concerns.

Thank you for your time and review.

Sincerely,

Nicholas Romano |

Kimley-Horn | 4525 Main Street Suite 1000 Virginia Beach, VA

Direct: 757-355-6679 | Main: 757-213-8600 |

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From: Pringle, Dustin
Sent: Monday, September 17, 2018 12:57 PM
To: virginiafieldoffice@fws.gov; troy_andersen@fws.gov
Cc: Beard, Taylor <Taylor.Bead@kimley-horn.com>
Subject: Pruden Boulevard and Prudence Road Intersection Improvement Self-Certification and Submittal 9-17-18

Good afternoon,

The City of Suffolk is proposing improvements to Pruden Boulevard and its intersection with Prudence Road. The project consists of widening 3,000 linear feet of Pruden Boulevard and intersection of Prudence Road. Proposed improvements consist of converting the existing shoulder section roadways to roadways with curb and gutter, a raised median, and proposed concrete sidewalks. Widening is proposed along the south side of US Route 460 and along both sides of Prudence Road.

Please find attached the completed Self-Certification Letter and Submittal Package for the above-referenced project. This project review is needed for compliance with the SERP process. There is anticipated SERP funding.

Please confirm no further coordination is required.

Thank you for your time and review, and we look forward to hearing from you soon.

Sincerely,

Dustin Pringle
Environmental Scientist
Kimley-Horn and Associates, Inc.
4525 Main St Suite 1000
Virginia Beach, Virginia 23462
Email: dustin.pringle@kimley-horn.com
Phone: 757-213-6690

APPENDIX D
SCOPING LETTERS

Print

Create New Application

This electronic form is to be used for the submission of new projects only. If you wish to submit additional information in support of an existing project, please contact the reviewer assigned to that project.

Before using this form, please understand that the information being requested is important to our review. Incomplete information may lead to delays in the review of your project. Please read all questions carefully and respond as completely as possible. For security purposes, *your ePIX session will timeout after 20 minutes of inactivity* and any unsaved changes will be discarded. To ensure that no information is lost, we recommend saving your application after the completion of each section. If you have questions concerning the completion of this application, please contact DHR staff at ePIX@dhr.virginia.gov.

SECTION I. CONTACT INFORMATION

Ms. Taylor Beard
4525 Main Street
Virginia Beach, VA 23462
7573556652
Submitted By taylor.beard@kimley-horn.com

Please indicate what your role in this project is:

Applicant Role Consultant tasked with initiating consultation

If Other, please specify

SECTION II. GENERAL PROJECT INFORMATION

Project Name Pruden Boulevard/Prudence Road Intersection Improvement Project

Agency Project Number U000-133-R92

Associated DHR File Number

Project Street Address

Independent Cities and/or Counties (multiple cities/counties are allowed):

City/County Name

Suffolk (Ind. City)

Town/Locality, if applicable

Agency Involvement

Please select one of the following options as they relate to the project you are submitting:

- My project involves a federal or state agency and requires review by DHR under the National Historic Preservation Act (Sections 106 or 110), Virginia Environmental Impact Reports Act or other provision of state or federal law.
- I am seeking Technical Assistance from DHR in the assessment of potential impacts of my project on historic resources (e.g. federal or state involvement anticipated, initial project scoping, local government proffer or ordinance).

Please tell us why you are seeking technical assistance for this project. If you are anticipating seeking funding from a federal agency or multiple agencies, please provide the name of the agency/agencies. If you are submitting information for review as the result of a local government proffer, please provide as much detail as possible:

The City of Suffolk is proposing to widen Pruden Boulevard (US Route 460) to allow for left-turn movement onto Prudence Boulevard to the south, as well as a left turn for potential development to the Assistance Descriptionnorth. State funding is proposed for these improvements.

SECTION III. PROJECT DESCRIPTION and CURRENT AND PAST LAND USE

We need to know as much as possible about the project that is being proposed as well as the current condition of the property. In the fields below, you will be required to provide descriptions that are no longer than 2000 characters. Additional and more detailed information can be uploaded and attached at the end of the application.

Overview and existing conditions

Please provide a general description of the project.

The City of Suffolk is proposing to widen Pruden Boulevard to allow for left-turn movement on Prudence Boulevard to the south, as well as a left turn for potential development to the north. The proposed widening improvements will only occur on the south side of Pruden Boulevard. Additionally, improvements will also include widening of Prudence Road from the existing rural road to a three-lane urban roadway at the intersection with Pruden Boulevard. Proposed improvements consist of converting the existing shoulder section roadways to roadways with curb and gutter, a raised median, and proposed concrete sidewalks. Easements and right-of-way will be Project Descriptionacquired for the proposed work.

How many acres does the project encompass?

Number of Acres14

Please describe the current condition and/or land use of the project area (e.g. paved parking lot, plowed field).

Developed with residential and education facilities; the surrounding area is comprised of farm/agricultural fields. See Figures 1-3

Current Condition(attached).

Please describe any previous modifications to the property, including ground disturbance.

Previous ModificationsN/A

Work involving buildings or structures

Does the project involve the rehabilitation, addition to, alteration, or demolition of any building structure over 50 years of age?

Buildings Over 50 YearsNo

If yes, please describe the work that is proposed in detail. Current photographs of affected building or structure, architectural or engineering drawings, project specifications and maps may be uploaded at the end of the application.

Details

Work involving ground disturbance

Is there any ground-disturbance that is part of this project?

Ground DisturbanceYes

If yes, describe the nature and horizontal extent of ground-disturbing activities, including construction, demolition, and other proposed disturbance. Plans, engineering drawings, and maps may be uploaded on the next page at the end of the application.

Ground disturbance within the existing right-of-way will extend 5-10 ft below ground surface; ground disturbance outside of existing right-of-way will extend <5 ft below ground surface for the proposed widening and sidewalk improvements that will include curb and

Extent of Activitiesgutter.

What is the depth of the ground disturbance? If there are several components to the project, such as new building, utility trenches, and parking facilities, provide the approximate depth of each component.

Depth Within existing right of way <10-ft; outside existing right-of-way <5ft

How large is the area where ground-disturbing activities will take place? (in acres)

Area Size 14

SECTION IV. AREA OF POTENTIAL EFFECT (APE)

The Area of Potential Effects (APE) is defined as the geographic area or areas within which a project may directly or indirectly cause changes in the character or use of historic properties, if they exist. It is not necessary for an historic property to be present in order to define an APE.

An example of a direct effect is the demolition of an historic building while an indirect effect would be the alteration of an historic setting resulting from the construction of a communications tower or the introduction of noise as the result of the construction of factory. An area such as the footprint of a proposed building is obviously within the APE, but you must also consider visual effects on the property and the limits of all ground-disturbing activity. So, any project may have two APEs - one for direct effects and one for indirect effects.

Please see our guidance on [Defining Your APE](#) for more detailed information on defining direct and indirect APEs. If you are using [DHR's Data Sharing System](#), you should indicate the APE on the DSS map. For instructions on how to do this, consult the [DSS general use guidelines](#).

Please provide a brief summary of and justification for the APE and upload your APE map at the end of the application. The written boundary description must match the submitted APE map.

Please see attached Figures 1-3. The direct (archaeological) APE is defined as the project limits including all construction areas. The indirect (architectural) APE is defined as all above-ground resources over 50 years of age on parcels adjacent to the project/construction APE limits. At this time we are seeking concurrence on the APE.

SECTION V. CONSULTING PARTIES AND PUBLIC INVOLVEMENT

The views of the public, Indian tribes and other consulting parties (e.g. local governments, local historical societies, affected property owners, etc.) that may have an interest in historic properties that may be affected by the project are essential to informed decision-making. In some cases, the public involvement necessary for other environmental reviews such as that under the National Environmental Policy Act (NEPA) may be sufficient for the Section 106 process, but the manner in which the public is involved must reflect the nature and complexity of the proposed project and its effects on historic resources.

What consulting parties have you identified that have an interest in this project? Please describe your previous and future efforts to involve consulting parties.

Consulting Parties N/A

Please provide information on any previous or future efforts to involve the public, including public hearings, public notices, and other efforts.

Public InvolvementN/A

SECTION VI. PREVIOUSLY IDENTIFIED HISTORIC RESOURCES

In order for this application to be considered complete, you must determine if there are any known historic resources in the APE and provide this information to us. This step is generally referred to as a DHR Archives Search. More information on how to acquire this information can be found in our guidance document [Obtaining an Archives Search](#).

Has any portion of the APE been previously surveyed for archaeological and/or architectural resources?

SurveysNo

If yes, describe and provide the names of any reports that you are aware of.

Survey Reports

Are there any previously recorded archaeological sites or architectural resources, including historic districts or battlefields within the APE?

Recorded ResourcesYes

You must upload in Section VIII of this application the Archives Search Map showing previously recorded resources in the APE and the DSS reports for all previously recorded resources.

SECTION VII. ADDITIONAL CONTACTS TO THE APPLICATION

No contacts have been added.

SECTION VIII. UPLOAD FILES FOR THE APPLICATION

Document Name	File Name	Note
Other - V-CRIS info	V-CRIS Map & Info.pdf	
Map of APE	FIGURES 1-3.pdf	

Property Information

Property Names

Name Explanation	Name
Current Name	Siege of Suffolk
Descriptive	Suffolk II Battlefield
Historic/Current	Hill's Point Battlefield

Property Evaluation Status

DHR Staff: Potentially Eligible

Property Addresses

Current - Holland Road Route 58
Alternate - Nansemond Parkway Route 337
Alternate - Godwin Boulevard Route 10
Alternate - Everets Road Route 603

County/Independent City(s): Isle Of Wight (County), Suffolk
(Ind. City)

Incorporated Town(s): *No Data*

Zip Code(s): 23315, 23432, 23434, 23435, 23437

Magisterial District(s): *No Data*

Tax Parcel(s): *No Data*

USGS Quad(s): BUCKHORN, CHUCKATUCK,
HOLLAND, SUFFOLK,
WINDSOR

Additional Property Information

Architecture Setting: Suburban

Acreage: 40,210.3

Site Description:

About 2 miles NE of intersection of Routes 58 and 460 & Routes 10 and 32, on west bank of Nansemond River.

ABPP 2010: 40,210.29 acres. The Study Area represents the actions and movements of the opposing armies throughout the three-week siege. The Study Area to include multiple small Core Areas associated with the Confederate operations against the Federal position at Suffolk.

March 2015: The 40,210.29 acre Study Area encompasses most of the City of Suffolk and the surrounding area. Due to development in and around the City the battlefield has been fragmented. The American Battlefield Protection Program (ABPP) only included 15,974.26 acres as potentially eligible for the NRHP.

August 2016: The area of the battlefield surveyed at this time consists of the two road crossings located at the Moore Point property in the City of Suffolk County, Virginia. The two project areas encompass approximately 0.892 acres. They are located about 2.50 miles northeast of the Suffolk business district and just west of the junction of Routes 13/58/460 and the Route 58/460 Bypass. The two areas are located across perennial streams that flow west to the main stem of Burnett's Mill Creek. This creek eventually empties into the Nansemond River. Elevations across the tract range from 12 to 18 feet above mean sea level (AMSL). The project area is wooded with mature cypress trees and sweet gums with a dense understory of ferns, poison ivy, and other wetland type plants.

January 2017: The area of the battlefield surveyed at this time encompasses approximately 10 acres and is bordered by wetlands associated with the Nansemond River to the north and south, the Nansemond River golf course to the west, and the Nansemond River to the east. The project tract is located in the tidewater region on the Coastal Plain of Virginia and is comprised of the edge of a golf course and a wooded area on the bank of the Nansemond River. Elevations across the tract range from 0 feet above mean sea level (AMSL) at the base of the wetlands rising to 29 feet AMSL at the edge of the landform. No surface waters are located within the tract, although the Nansemond River forms the eastern boundary of the tract. The project area is located in a portion of the golf course and within wetlands and wooded uplands between the edge of the golf course and the river. The site can be accessed via the golf course clubhouse.

Circa~ conducted a metal-detecting survey of the area within the battlefield boundaries. Circa~ staff did not notice any previous metal-detecting activities from relic hunters in the area. The majority of the metal-detecting hits came down on the irrigation system for the golf course; however, the survey recorded five hits within the project area that contained artifacts. Five artifacts were recorded from the five hits. The artifacts consisted of one aluminum Mountain Dew can, one aluminum can fragment, and three pipe fragments. The Mountain Dew can was recovered 2.70 feet below the ground surface and the other artifacts were recovered roughly 1.80 feet to 2.20 feet below the ground surface in fill. No artifacts clearly associated with, or that date to the Civil War, were recovered from the metal-detecting survey.

January 2017: Only a small portion of the battlefield is included within the survey area for this effort, which does not include any of the battlefield "Core Area" as defined by the NPS ABPP. However, the entirety of survey area is considered part of the "Potential National Register Area."

Surveyor Assessment:

Capture of Hill's Point Battery by Union forces to relieve pressure on gunboats using Nansemond River during the Siege of Suffolk in 1863. Battle occurred on April 19, 1863, and was considered by Confederate General Longstreet to be the major event of the siege.

March 2015: The Second Battle of Suffolk, also known as the Hill's Point Battlefield, took place between April 19 and May 4, 1863. Union infantry landed on Hill's Point on the Nansemond River on April 19th and assaulted Fort Huger. Fort Huger fell and the Union was able to over the Nansemond River to Union ships. Union General Michael Corcoran made an assault in Fort Dix on April 24th but was easily repulsed. On April 29th Robert E. Lee ordered Longstreet to rejoin the Army of Northern Virginia at Fredericksburg and by May 4th Longstreet has left the area.

The Suffolk II (Hill's Point) Battlefield has been determined eligible for inclusion in the NRHP by DHR. The Suffolk II (Hill's Point) Battlefield has seen some development but largely retains its character. Therefore, Dovetail recommends Suffolk II (Hill's Point) Battlefield has retained sufficient integrity to maintain its status as eligible for the NRHP.

August 2016: The battlefield is considered potentially eligible for listing on the National Register of Historic Places. The shovel testing and metal-detecting survey did not record any artifacts, earthworks, or other Civil-War related elements within the two project areas. Considering this, Circa~ recommends that the project will not adversely affect the battlefield or the battlefield landscape and no further survey work of the battlefield within the project area is warranted.

January 2017: Site 133-5039, the circa 1863 Suffolk II battlefield, was determined potentially eligible for listing on the National Register of Historic Places. The construction of the Nansemond River Golf Course as well as an irrigation system and water line has destroyed the battlefield in this area. Further, the golf course has altered the battlefield landscape from its appearance in the 1860s. A portion of the works is still evident along the edge of the landform overlooking the river. The developer plans to leave this area undeveloped as a park within the overall development. Remains of the works may still lie intact underneath the fill layer. Given that no infrastructure will be constructed as part of this project and the area will be maintained in a park-like setting, the project as proposed should not adversely affect the battlefield, the battlefield landscape, or the battlefield viewshed. Therefore, Circa~ recommends no further survey work for this resource within the project area.

January 2017: The battlefield in this vicinity consists primarily of privately owned land and residences, open agricultural fields, with some light industrial influences in the form of the railroad corridors and portion of the local airport. Despite the later development and the changing of field and forest patterns, the portion of the Hill's Point Battlefield within the survey area is still considered to retain much of its historic character and is considered potentially eligible for listing in the NRHP.

Surveyor Recommendation: Recommended Potentially Eligible

Ownership

Ownership Category
Private

Ownership Entity
No Data

Primary Resource Information

Resource Category: Defense
Resource Type: Battle Site
Date of Construction: 1863
Historic Time Period: Civil War (1861 - 1865)
Historic Context(s): Landscape, Military/Defense
Architectural Style: No discernible style
Form: *No Data*
Number of Stories: *No Data*
Condition: Fair
Interior Plan: *No Data*
Threats to Resource: Development, Public Utility Expansion

Architectural Description:

September 2005: Earthworks in good condition but partially overgrown. Surrounding land in compatible agricultural use.

Land has been rezoned for development and a residential community had been planned by previous owner but was delayed or discarded due to economic conditions. Golf course planned for immediate vicinity of the earthworks.

ABPP 2010: Much of the landscape has been altered and fragmented, leaving some essential features. The opportunity to preserve significant portions of the historic landscape in the southern half of the Study Area remains.

March 2015: The Study Area encompasses the City of Suffolk and much of its surrounding suburbs. Due to significant development in this area much of the Study Area has been fragmented. All major roads around Suffolk are also included and have been expanded and widened. Sections that still have some integrity are those outside the city and the denser suburbs that still retain some rural character and open farmland or are lands to the south in and around the Great Dismal Swamp.

August 2016: This site represents the actions and movements of the opposing armies throughout the three-week siege. The approximately 40,210-acre battlefield includes multiple small core areas associated with the Confederate operations against the Union position at Suffolk. Of that acreage, approximately 15,974.26 acres were recommended as eligible for the National Register of Historic Places. Approximately 0.00 acres within the battlefield are protected and approximately 0.00 acres are publicly accessible. Much of the landscape has been altered and fragmented leaving some essential features. The opportunity to preserve significant portions of the historic landscape in the southern half of the study area remains.

Because the project area falls in the boundaries of this Civil War battlefield, Circa~ conducted a metal-detecting survey of the two project area

within the battlefield boundaries. Circa~ staff did not notice any previous metal-detecting activities from relic hunters in the area. Vegetation was extremely thick and the metal-detecting survey was completed on the dry ground only. The metal-detecting survey recorded seven hits restricted to the northern edge of APE 1. The artifacts consisted of two aluminum wheel cover fragments, one windshield frame fragment with window glass attached, two hub nuts, and one iron rotor. All of the artifacts recovered from the metal-detecting survey were associated with the use of the land as a junkyard. No artifacts clearly associated with or date to the Civil War were recovered from the metal-detecting survey.

January 2017: The site represents the actions and movements of the opposing armies throughout the three-week siege. The approximately 40,210-acre battlefield includes multiple small core areas associated with the Confederate operations against the Union position at Suffolk.

In September 2009, the ABPP released their update to the CWSAC report on the nation's Civil War battlefields. The 2009 update included a study area encompassing approximately 40,210.29 acres. Of that acreage, approximately 15,974.26 acres were recommended as eligible for the National Register of Historic Places. According to the 2009 update, approximately 0.00 acres within the battlefield are protected and approximately 0.00 acres are publicly accessible. The update also noted that much of the landscape has been altered and fragmented, leaving some essential features. It went on to note that the opportunity to preserve significant portions of the historic landscape in the southern half of the study area remains. As noted on the map, the current project area falls in the central portion of the battlefield and just on the edge of the study area and the area determined potentially eligible for the National Register of Historic Places.

Within the battlefield boundaries, 16 archaeological resources and six architectural resources (including the battlefield) have been previously identified.

Circa~ conducted a metal-detecting survey of the area within the battlefield boundaries. Circa~ staff did not notice any previous metal-detecting activities from relic hunters in the area. The majority of the metal-detecting hits came down on the irrigation system for the golf course; however, the survey recorded five hits within the project area that contained artifacts. Five artifacts were recorded from the five hits. The artifacts consisted of one aluminum Mountain Dew can, one aluminum can fragment, and three pipe fragments. The Mountain Dew can was recovered 2.70 feet below the ground surface and the other artifacts were recovered roughly 1.80 feet to 2.20 feet below the ground surface in fill. No artifacts clearly associated with, or that date to the Civil War, were recovered from the metal-detecting survey.

January 2017: The Civil War Battle of Suffolk at Hill's Point, also known as the Battle of Fort Huger, took place from April 11 to May 4, 1863, as part of Confederate Lt. Gen. James Longstreet's Tidewater operations. Over the course of the several week campaign, a variety of engagements took place, including one on April 19, when a detachment of Federal troops landed on Hill's Point at the confluence of the forks of the Nansemond River. This amphibious force assaulted the Confederate-held Fort Huger along the shore of the James River from the rear, quickly capturing its garrison, thus reopening the river to Union shipping. On April 24, a division of Federal troops mounted a reconnaissance-in-force from Fort Dix against the Confederate extreme right flank, however, the Federals approached cautiously and were easily repulsed. On April 29, Gen. Robert E. Lee directed all Confederate forces to disengage from Suffolk and rejoin the Army of Northern Virginia at Fredericksburg. By May 4, the last Confederate forces had crossed the Blackwater River en route to Richmond, thus ending the Battle of Suffolk.

Secondary Resource Information

Secondary Resource #1

Resource Category: *No Data*
Resource Type: *No Data*
Architectural Style: *No Data*
Form: *No Data*
Date of Construction: *No Data*
Condition: *No Data*
Threats to Resource: *No Data*
Architectural Description:

No Data

Historic District Information

Historic District Name: *No Data*
Local Historic District Name: *No Data*
Historic District Significance: *No Data*

CRM Events

Event Type: Survey:Phase I/Reconnaissance

Project Review File Number: *No Data*
Investigator: Robert J. Taylor, Jr.
Organization/Company: Dutton + Associates, LLC
Sponsoring Organization: *No Data*
Survey Date: 1/30/2017
Dhr Library Report Number: *No Data*
Project Staff/Notes:

This Phase I survey was conducted on behalf of Stokes Environmental Associates as part of a proposed solar project. Field survey was conducted by architectural historian Robert J. Taylor, Jr.

Event Type: Survey:Phase I/Reconnaissance

Project Review File Number: *No Data*
Investigator: Dawn Muir-Frost
Organization/Company: Circa~ Cultural Resource Management, LLC
Sponsoring Organization: *No Data*
Survey Date: 12/19/2016
Dhr Library Report Number: *No Data*
Project Staff/Notes:

January 2017: In December of 2016, Circa~ Cultural Resource Management, LLC (Circa~) conducted a Phase I cultural resources survey of a portion of the Nansemond River Golf Course property in the City of Suffolk, Virginia. The project area, which encompasses approximately 10 acres, is bordered by wetlands associated with the Nansemond River to the north and south, the golf course to the west, and the Nansemond River to the east. The Area of Potential Effect (APE) for both archaeological and architectural resources is the approximate 10-acre project area.

At Circa~, Carol D. Tyrer served as Project Manager and Principal Investigator for the project and was assisted in the field by Charlie Rutledge, Eric Mai, Matt Carr, Carter Griggs, and McKenzie Kyger, Field Archaeologists. Dawn M. Muir-Frost served as the Historian and Architectural Historian for the project and completed the historic context and architectural survey. McKenzie Kyger, Archaeological Lab Technician, assisted in the processing of artifacts. Dawn M. Muir-Frost and Carol D. Tyrer prepared the report.

Event Type: Survey:Phase I/Reconnaissance

Project Review File Number: 2016-3584
Investigator: Dawn Muir-Frost
Organization/Company: Circa~ Cultural Resource Management, LLC
Sponsoring Organization: *No Data*
Survey Date: 8/7/2016
Dhr Library Report Number: SK-129
Project Staff/Notes:

August 2016: In August 2016, Circa~ Cultural Resource Management, LLC (Circa~) conducted a Phase I cultural resources survey of the two road crossings located at the Moore Point property in the City of Suffolk County, Virginia. The two project areas, which encompass approximately 0.892 acres, are located in the southern and northern portions of the project tract. The Area of Potential Effect (APE) for archaeological and architectural resources is the approximately 0.892-acre project areas.

At Circa~, Carol D. Tyrer served as Project Manager and Principal Investigator for the project and was assisted in the field by Charlie Rutledge, Eric Mai, McKenzie Kyger, and Matt Carr, Field Archaeologists. Dawn M. Muir-Frost served as the Historian and Architectural Historian for the project and completed the historic context and architectural survey. Carol D. Tyrer and Dawn M. Muir-Frost prepared the report. Carol D. Tyrer photographed the resource and Dawn M. Muir-Frost entered the information into the V-CRIS system.

Event Type: Survey:Phase I/Reconnaissance

Project Review File Number: 2014-0710
Investigator: Laura Voisin George
Organization/Company: Natural Resource Group, LLC
Sponsoring Organization: *No Data*
Survey Date: 8/2/2016
Dhr Library Report Number: VA-132
Project Staff/Notes:

2016
Voisin George, Laura, Emily Laird, Jeffery L. Holland, and Larissa A. Thomas, Ph.D.

Phase I Historic Architecture Survey of the Atlantic Coast Pipeline Project: Virginia Addendum 3 Report, DHR File No. 2014-0710. Prepared for Atlantic Coast Pipeline, LLC by ERM.
VA-132

Event Type: Survey:Phase I/Reconnaissance

Project Review File Number: 2014-0710
Investigator: Stephanie Jacobs
Organization/Company: Dovetail CRG
Sponsoring Organization: *No Data*
Survey Date: 2/2/2015
Dhr Library Report Number: VA-119

Project Staff/Notes:

Adriana T. Lesiuk, Stephanie A.T. Jacobs, Michelle Salvato, M. Chris Manning, Caitlin Oshida, Emily K. Anderson
Architectural Survey for the Dominion Atlantic Coast Pipeline in Highland, Augusta, Nelson, Buckingham, Cumberland, Prince Edward,
Nottoway, Dinwiddie, Brunswick, Greensville, Southampton Counties and the Cities of Suffolk and Chesapeake, Virginia
Dovetail Cultural Resources Group, Sept 2015
VA-119
2014-0710

Event Type: DHR Staff: Potentially Eligible

DHR ID: 133-5039
Staff Name: ABPP
Event Date: 1/24/2007

Staff Comment

Preliminary survey data from the American Battlefield Protection Program (ABPP) indicates that this historic Civil War battlefield is likely eligible for listing in the National Register of Historic Places and likely deserving of future preservation efforts. This survey information should be reassessed during future Section 106/NEPA compliance reviews.

Event Type: Other

Project Review File Number: *No Data*
Investigator: Tanya Gossett
Organization/Company: National Park Service
Sponsoring Organization: *No Data*
Survey Date: 9/13/2005
Dhr Library Report Number: VA-083

Project Staff/Notes:

The American Battlefield Protection Program and the Virginia Department of Historic Resources agree that where a joint undertaking is to be located within or near a Civil War battlefield surveyed by the Civil War Sites Advisory Commission (1991-1993), the ABPP and the VDHR will recommend that the Federal agency (or its designee or the designee's consultant) take into account lands within the Study Areas of those battlefields when identifying the historic property and assessing effects to the historic property in Section 106 reviews. Both the ABPP and the VDHR will recommend systematic metal detector surveys and other field methods appropriate to battlefields for Phase I work where a proposed undertaking may have a direct effect on the historic property/battlefield.

Please see also the CWSAC data within the file for the battlefield. The VDHR GIS includes the full boundaries of the CWSAC study areas for battlefields recorded within the VDHR architectural inventory, unless VDHR has refined the boundary by evaluation of integrity and eligibility, or unless the battlefield is listed in the National Register. The ABPP asks that the full study area be evaluated, even in cases where a National Register boundary exists. Many National Register boundaries were drawn to exclude eligible areas for political reasons or owner objections, and therefore do not represent the entire eligible battlefield. In cases where VDHR has refined the boundaries of a battlefield to lands eligible for the National Register, the study area is presumed by both the VDHR and the ABPP to be obsolete.

Name: National Park Service
DHR CRM Report Number: VA-083
Record Type: Report

Bibliographic Notes: Update to the Civil War Sites Advisory Commission's Report on the Nation's Civil War Battlefields: Commonwealth of Virginia. 2009. Joseph Brent, David Lowe, Tanya Gossett, Kathleen Madigan, Lisa Ruppel.

Event Type: Survey:Phase I/Reconnaissance

Project Review File Number: *No Data*
Investigator: John Salmon
Organization/Company: DHR
Sponsoring Organization: *No Data*
Survey Date: 1/1/1993
Dhr Library Report Number: VA-093

Project Staff/Notes:

Civil War Sites Advisory Commission survey

Name: National Park Service
DHR CRM Report Number: VA-093
Record Type: Report
Bibliographic Notes: Civil War Sites Advisory Commission Report on the Nation's Civil War Battlefields. 1993. National Park Service, American Battlefield Protection Program.

Bibliographic Information

Bibliography:

No Data

Property Notes:

CWSAC 1995: Siege of Suffolk
Other Names: Fort Huger, Hill's Point Battlefield
Location: Suffolk
Campaign: Longstreet's Tidewater Operations (February-May 1863)
Date(s): April 11-May 4, 1863
Principal Commanders: Brig. Gen. John Peck [US]; Lt. Gen. James Longstreet [CS]
Forces Engaged: Divisions (45,000 total)
Estimated Casualties: 152 total (1,160 for entire siege)

Description: On April 19, a Union infantry force landed on Hill's Point at the confluence of the forks of the Nansemond River. This amphibious force assaulted Fort Huger from the rear, quickly capturing its garrison, thus reopening the river to Union shipping. On April 24, Brig. Gen. Michael Corcoran's Union division mounted a reconnaissance-in-force from Fort Dix against Maj. Gen. George E. Pickett's extreme right flank. The Federals approached cautiously and were easily repulsed. On April 29, Gen. Robert E. Lee directed Longstreet to disengage from Suffolk and rejoin the Army of Northern Virginia at Fredericksburg. By May 4, the last of Longstreet's command had crossed the Blackwater River en route to Richmond.

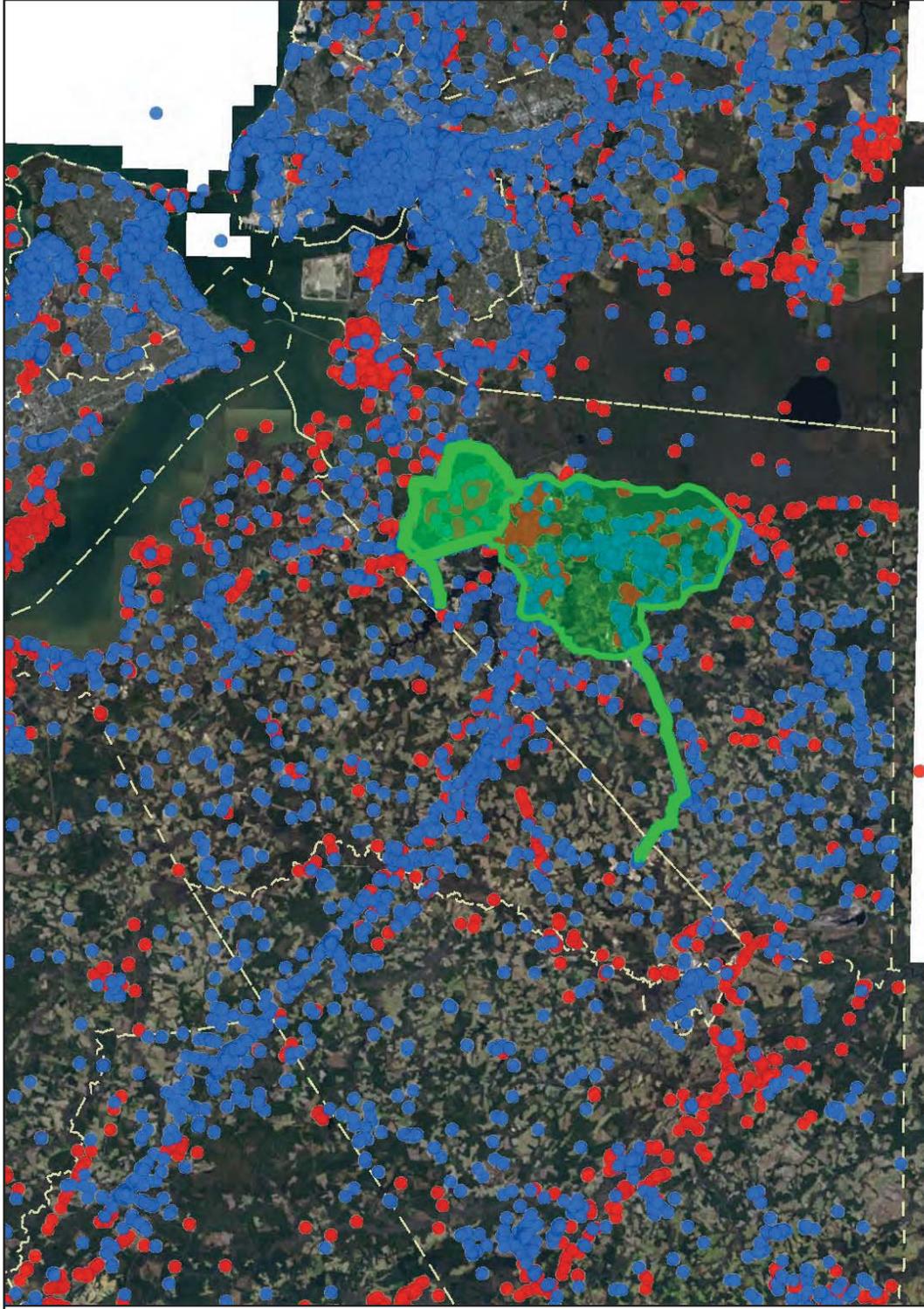
Result: Inconclusive

Project Bibliographic Information:

Dutton + Associates. Phase I Cultural Resource Survey of the Hosier Road Solar Project Area, Suffolk, Virginia, January 2017.

Legend

- Architecture Points
- Archaeology Points
- County Boundaries



Miles



1:577,791 / 1"=9 Miles

Title: Architecture Labels

Date: 9/12/2018

DISCLAIMER: Records of the Virginia Department of Historic Resources (DHR) have been gathered over many years from a variety of sources and the representation depicted is a cumulative view of field observations over time and may not reflect current ground conditions. The map is for general information purposes and is not intended for engineering, legal or other site-specific uses. Map may contain errors and is provided "as-is". More information is available in the DHR Archives located at DHR's Richmond office.

Notice if AE sites: Locations of archaeological sites may be sensitive to the National Historic Preservation Act (NHPPA), and the Archaeological Resources Protection Act (ARPA) and Code of Virginia §2.2-3705.7 (10). Release of precise locations may threaten archaeological sites and historic resources.

Property Information

Property Names

Name Explanation	Name
Function/Location	House, 4260 Pruden Blvd

Property Evaluation Status

DHR Staff: Not Eligible

Property Addresses

Current - 4260 Pruden Boulevard Route 460

County/Independent City(s):	Suffolk (Ind. City)
Incorporated Town(s):	No Data
Zip Code(s):	23434
Magisterial District(s):	No Data
Tax Parcel(s):	No Data
USGS Quad(s):	WINDSOR

Additional Property Information

Architecture Setting: Rural

Acreage: No Data

Site Description:

May 2014: The house is set on a level lot near to and facing the road and is surrounded by a manicured lawn with trees behind. Landscaping consists of shrubs adjacent to the house and mature trees across the front yard and to the west of the house. A gravel drive leads from the road to the front of the house. A shed roof shed is located to the northwest of the house. A gable roof shed is located to the northeast of the house.

Surveyor Assessment:

May 2014: The architectural resource is typical of the mid-twentieth century in Suffolk and in the opinion of the surveyor should not be considered individually eligible for the NRHP under Criterion A, B, C or D. There is no known association with important people or events and the resource is a typical example of this time period. In addition, the design and workmanship are undistinguished and the materials stock.

Surveyor Recommendation: Recommended Not Eligible

Ownership

Ownership Category	Ownership Entity
Private	No Data

Primary Resource Information

Resource Category:	Domestic
Resource Type:	Single Dwelling
Date of Construction:	1965Ca
Historic Time Period:	The New Dominion (1946 - 1991)
Historic Context(s):	Domestic
Architectural Style:	No discernible style
Form:	No Data
Number of Stories:	1.0
Condition:	Good
Interior Plan:	No Data
Threats to Resource:	Transportation Expansion

Architectural Description:

May 2014: The house is a one-story three-bay frame structure clad in vinyl siding with a side gable roof covered in asphalt shingle which features a large exterior end brick chimney laid in stretcher bond. The house sits on a brick foundation laid in stretcher bond. Fenestration consists of a wood door with nine light window under a metal storm door and single and paired horizontally-divided two-over-two double-hung sash wood windows. A small single-bay gable roof addition extends off the east elevation

Exterior Components

Component	Component Type	Material	Material Treatment
-----------	----------------	----------	--------------------

Foundation	Solid/Continuous	Brick	Stretcher Bond
Structural System and Exterior Treatment	Wood Frame	Vinyl	Siding
Roof	Side Gable	Asphalt	<i>No Data</i>
Windows	Double-hung	Wood	<i>No Data</i>
Chimneys	Exterior End	Brick	Stretcher Bond

Secondary Resource Information

Secondary Resource #1

Resource Category: Domestic
Resource Type: Shed
Architectural Style: No discernible style
Form: Rectangular
Date of Construction: 1965
Condition: Fair
Threats to Resource: Transportation Expansion

Architectural Description:

May 2014: The shed is a one-story single-bay frame structure clad in T-111 with a shed roof covered in metal. The facade is pierced by a centrally located two-leaf T-111 door. A single-bay shed roof addition clad in plywood extends off the east elevation.

Number of Stories: 1

Secondary Resource #2

Resource Category: Domestic
Resource Type: Shed
Architectural Style: No discernible style
Form: Rectangular
Date of Construction: 2000
Condition: Good
Threats to Resource: Transportation Expansion

Architectural Description:

May 2014: The shed is a prefabricated modern two-bay frame structure clad in T-111 siding with a side gable roof covered in asphalt shingle. The facade is pierced by a two-leaf T-111 door with cross bracing and a one-over-one double-hung sash vinyl window.

Number of Stories: 1

Historic District Information

Historic District Name: *No Data*
Local Historic District Name: *No Data*
Historic District Significance: *No Data*

CRM Events

Event Type: DHR Staff: Not Eligible

DHR ID: 133-5449
Staff Name: Marc Holma
Event Date: 7/21/2014
Staff Comment

DHR File No. 2002-1760

Event Type: Survey:Phase I/Reconnaissance

Project Review File Number: 2002-1760
Investigator: Sandra DeChard
Organization/Company: Stantec 2034
Sponsoring Organization: *No Data*
Survey Date: 5/19/2014
Dhr Library Report Number: *No Data*
Project Staff/Notes:
No Data

Bibliographic Information

Bibliography:

No Data

Property Notes:

No Data

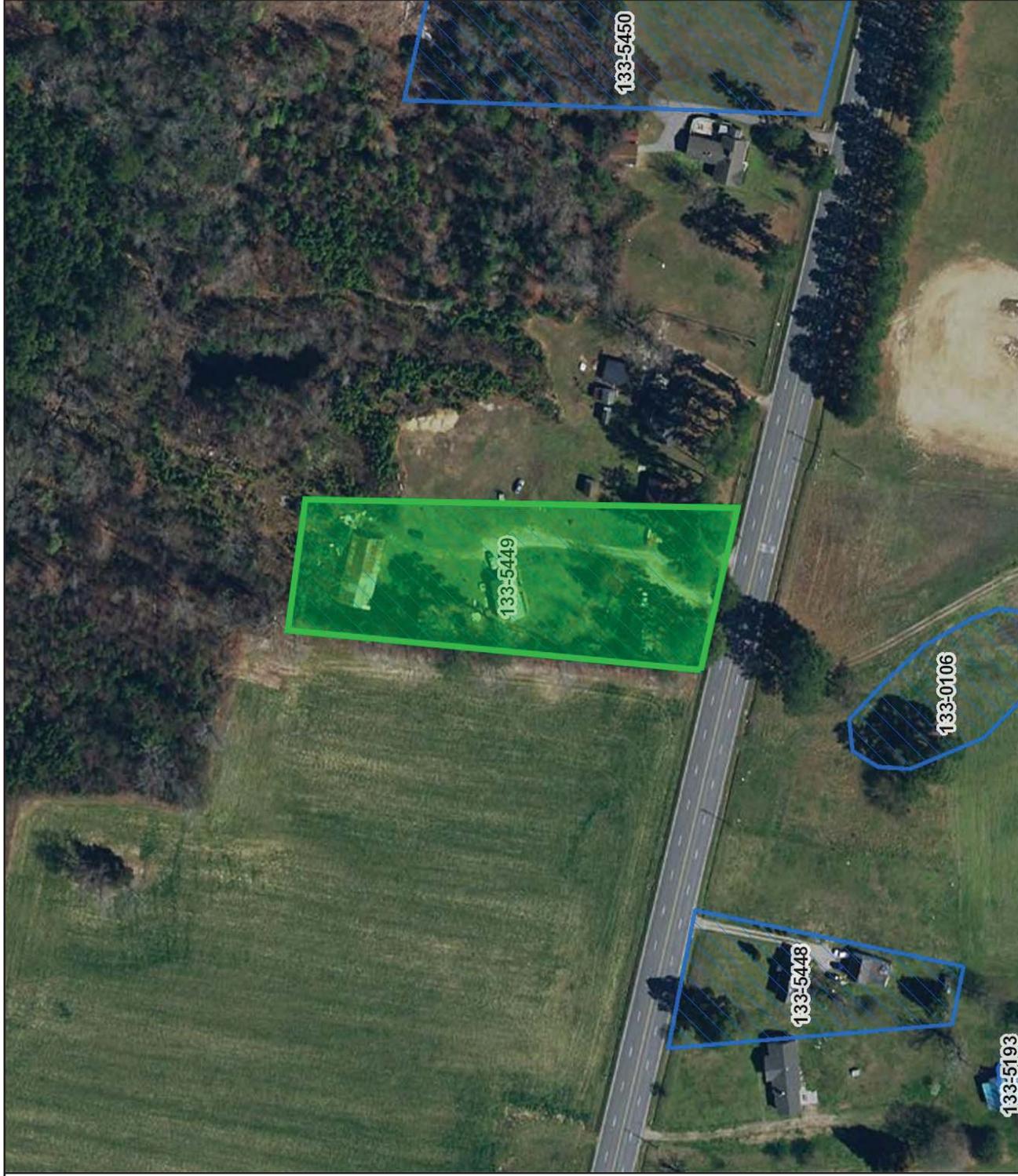
Project Bibliographic Information:

US Route 460 Location Study, Prince George, Sussex, Surry, Southampton and Isle of Wight counties, and the City of Suffolk, Supplemental Environmental Impact Statement: Architectural Survey Management Summary.

State Project Number: 0460-969-101, P101; UPC: 100432
Federal Project Number: STP-000S (276)

Legend

-  Architecture Resources
-  Architecture Labels
-  Individual Historic District Properties
-  Archaeological Resources
-  Archaeology Labels
-  USGS GIS Place names
-  County Boundaries



Feet



Title: Architecture Labels

Date: 9/12/2018

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Property Information

Property Names

Name Explanation	Name
Function/Location	House, 4174 Pruden Blvd

Property Evaluation Status

DHR Staff: Not Eligible

Property Addresses

Current - 4174 Pruden Boulevard Route 460

County/Independent City(s): Suffolk (Ind. City)

Incorporated Town(s): *No Data*

Zip Code(s): 23434

Magisterial District(s): *No Data*

Tax Parcel(s): *No Data*

USGS Quad(s): WINDSOR

Additional Property Information

Architecture Setting: Rural

Acreage: *No Data*

Site Description:

May 2014: The house is set on a level lot near to and facing the road and is surrounded by a manicured lawn with woods behind and to the east. Landscaping consists of shrubs adjacent to the house and occasional mature trees across the yards. A chain link fence enclosed side and rear yard is located off the east side of the house. A semi-circular paved drive leads from the road to the porte-cochere on the east side of the house. A paved drive leads from the road past the west side of the house to access the secondary dwelling. A secondary dwelling is located north of the house. A large shed is located to the east of the secondary dwelling and northeast of the house.

Surveyor Assessment:

May 2014: The architectural resource is typical of the mid-twentieth century in Suffolk and in the opinion of the surveyor should not be considered individually eligible for the NRHP under Criterion A, B, C or D. There is no known association with important people or events and the resource is a typical example of this time period. In addition, the design and workmanship are undistinguished and the materials stock.

Surveyor Recommendation: Recommended Not Eligible

Ownership

Ownership Category	Ownership Entity
Private	<i>No Data</i>

Primary Resource Information

Resource Category: Domestic

Resource Type: Single Dwelling

Date of Construction: 1950

Historic Time Period: The New Dominion (1946 - 1991)

Historic Context(s): Domestic

Architectural Style: Colonial Revival

Form: Cape Cod

Number of Stories: 1.5

Condition: Good

Interior Plan: *No Data*

Threats to Resource: Transportation Expansion

Architectural Description:

May 2014: The house is a one-and-one-half-story three-bay structure clad in brick veneer with a side gable roof covered in asphalt shingle which features two front gable dormers, a shed dormer on the rear elevation, and an exterior end brick chimney. Fenestration consists of a wood paneled door with four arched lights, and paired and single one-over-one double-hung sash vinyl windows. The centrally located main entry is accessed by a single-bay porch with a front gable roof supported by square posts. A one-story single-bay hipped roof addition extends off the west elevation and features a secondary entry. An open one-story two-bay porte-cochere addition extends off the east elevation and has a

hipped roof supported by square posts. A secondary entry piercing the east elevation is accessed by the porte-cochere. A one-story gable roof ell addition extends off the rear elevation and features an interior brick flue.

Exterior Components

Component	Component Type	Material	Material Treatment
Foundation	Not Visible	No Data	No Data
Structural System and Exterior Treatment	Not Visible	Brick	Veneer
Roof	Side Gable	Asphalt	No Data
Windows	Double-hung	Vinyl	No Data
Porch	1-Story Partial Width	Wood	Posts
Chimneys	Exterior End	Brick	Stretcher Bond
Chimneys	Interior End	Brick	Flue

Secondary Resource Information

Secondary Resource #1

Resource Category: Domestic
Resource Type: Secondary Dwelling
Architectural Style: No discernible style
Form: No Data
Date of Construction: 1950
Condition: Fair
Threats to Resource: Transportation Expansion

Architectural Description:

May 2014: The secondary dwelling is a T-shaped one-story four-bay frame structure clad in weatherboard with a cross gable roof covered in asphalt shingle and which features gable end returns. Fenestration consists of a modern vinyl door and one-over-one double-hung sash vinyl windows. The main entry is accessed by a single-bay engaged porch supported by metal poles. A metal shed roof porch extends off the east facade.

Number of Stories: 1

Secondary Resource #2

Resource Category: Domestic
Resource Type: Shed
Architectural Style: No discernible style
Form: Rectangular
Date of Construction: 1950
Condition: Good
Threats to Resource: Transportation Expansion

Architectural Description:

May 2014: The shed is a one-story single-bay frame structure clad in metal siding with a front gable roof covered in seamed metal. The facade features a hanging sliding metal vehicle door. A one-story shed roof addition clad in corrugated metal extends off the rear elevation.

Number of Stories: 1

Historic District Information

Historic District Name: No Data
Local Historic District Name: No Data
Historic District Significance: No Data

CRM Events

Event Type: DHR Staff: Not Eligible

DHR ID: 133-5450
Staff Name: Marc Holma
Event Date: 7/21/2014
Staff Comment
DHR File No. 2002-1760

Event Type: Survey:Phase I/Reconnaissance

Project Review File Number: 2002-1760
Investigator: Sandra DeChard
Organization/Company: Stantec 2034
Sponsoring Organization: *No Data*
Survey Date: 5/19/2014
Dhr Library Report Number: *No Data*
Project Staff/Notes:
No Data

Bibliographic Information

Bibliography:

City of Suffolk Online Tax Records

Property Notes:

No Data

Project Bibliographic Information:

US Route 460 Location Study, Prince George, Sussex, Surry, Southampton and Isle of Wight counties, and the City of Suffolk, Supplemental Environmental Impact Statement: Architectural Survey Management Summary.

State Project Number: 0460-969-101, P101; UPC: 100432
Federal Project Number: STP-000S (276)

Legend

-  Architecture Resources
-  Architecture Labels
-  Individual Historic District Properties
-  Archaeological Resources
-  Archaeology Labels
-  USGS GIS Place names
-  County Boundaries



Feet



Title: Architecture Labels

Date: 9/12/2018

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Property Information

Property Names

Name Explanation	Name
Function/Location	House, 4056 Pruden Blvd

Property Evaluation Status

DHR Staff: Not Eligible

Property Addresses

Current - 4056 Pruden Boulevard Route 460

County/Independent City(s):	Suffolk (Ind. City)
Incorporated Town(s):	No Data
Zip Code(s):	23434
Magisterial District(s):	No Data
Tax Parcel(s):	No Data
USGS Quad(s):	WINDSOR

Additional Property Information

Architecture Setting: Rural

Acreage: No Data

Site Description:

May 2014: The house is set back from the road on a level lot and is accessed by a gravel and dirt driveway. Surrounding the dwelling is a lawn with woods to the west. A wire fence delineates the eastern property boundary. Several large trees are located in the front yard. Located to the northeast of the dwelling is a shed with two animal shelters located to the north and a well house to the southwest.

Surveyor Assessment:

May 2014: The resource, in the opinion of the surveyor, is not recommended as individually eligible for listing on the NRHP under Criterion A, B, C, or D. The resource is not associated with an important person or event in history and is a typical style of its time period of construction. Additionally the dwelling is undistinguished, and the materials used in its construction are stock.

Surveyor Recommendation: Recommended Not Eligible

Ownership

Ownership Category	Ownership Entity
Private	No Data

Primary Resource Information

Resource Category:	Domestic
Resource Type:	Single Dwelling
Date of Construction:	1930Ca
Historic Time Period:	World War I to World War II (1917 - 1945)
Historic Context(s):	Domestic
Architectural Style:	Other
Form:	Bungalow
Number of Stories:	1.0
Condition:	Good
Interior Plan:	No Data
Threats to Resource:	Transportation Expansion

Architectural Description:

May 2014: The house is a one-story, frame, front gable, three-bay dwelling supported by a brick foundation. The exterior walls are clad in aluminum siding and the roof in standing seam metal. Additions to the dwelling include a one-story gable-roofed wing, one-story shed-roofed wing and a one-story full-width, shed-roofed ell. The building also features an interior brick flue, and three-over-one wood double-hung sash windows.

Exterior Components

Component	Component Type	Material	Material Treatment
Chimneys	Interior Central	Brick	Flue
Foundation	Solid/Continuous	Brick	Stretcher Bond

Roof Structural System and Exterior Treatment	Front Gable Wood Frame	Metal Aluminum	<i>No Data</i> Siding
Windows	Double-hung	Wood	<i>No Data</i>

Secondary Resource Information

Secondary Resource #1

Resource Category: Agriculture/Subsistence
Resource Type: Animal Shelter/Kennel
Architectural Style: No discernible style
Form: *No Data*
Date of Construction: 2010
Condition: Good
Threats to Resource: Transportation Expansion

Architectural Description:

May 2014: The dog kennel is a one-story gable-roofed building clad in T-111 siding. The gable-roof overhang is enclosed with chain link fencing to provide an outdoor area for the dogs.

Number of Stories: 1

Secondary Resource #2

Resource Category: Agriculture/Subsistence
Resource Type: Animal Shelter/Kennel
Architectural Style: No discernible style
Form: *No Data*
Date of Construction: 2010
Condition: Good
Threats to Resource: Transportation Expansion

Architectural Description:

May 2014: The dog kennel is a one-story gable-roofed building clad in T-111 siding. The gable-roof overhang is enclosed with chain link fencing to provide an outdoor area for the dogs.

Number of Stories: 1

Secondary Resource #3

Resource Category: Domestic
Resource Type: Well/Well House
Architectural Style: No discernible style
Form: *No Data*
Date of Construction: 1960
Condition: Fair
Threats to Resource: Transportation Expansion

Architectural Description:

May 2014: The well/pump house is a low structure with stuccoed exterior walls and an asphalt clad gable roof. The adjacent well is poured concrete.

Number of Stories: 1

Secondary Resource #4

Resource Category: Agriculture/Subsistence
Resource Type: Shed - Vehicle
Architectural Style: No discernible style
Form: *No Data*
Date of Construction: 1930
Condition: Fair

Threats to Resource: Transportation Expansion

Architectural Description:

May 2014: The vehicle shed is a one-story frame building with shed-roofed addition off the west and east elevation. The exterior walls are clad in vertical boards and plywood with the roof sheathed in seamed metal. The building also features a variety of paired wood bay doors.

Number of Stories: 1

Historic District Information

Historic District Name: *No Data*

Local Historic District Name: *No Data*

Historic District Significance: *No Data*

CRM Events

Event Type: DHR Staff: Not Eligible

DHR ID: 133-5464

Staff Name: Marc Holma

Event Date: 7/21/2014

Staff Comment

DHR File No. 2002-1760

Event Type: Survey:Phase I/Reconnaissance

Project Review File Number: 2002-1760

Investigator: Sandra DeChard

Organization/Company: Stantec 2034

Sponsoring Organization: *No Data*

Survey Date: 5/19/2014

Dhr Library Report Number: *No Data*

Project Staff/Notes:

No Data

Bibliographic Information

Bibliography:

No Data

Property Notes:

No Data

Project Bibliographic Information:

US Route 460 Location Study, Prince George, Sussex, Surry, Southampton and Isle of Wight counties, and the City of Suffolk, Supplemental Environmental Impact Statement: Architectural Survey Management Summary.

State Project Number: 0460-969-101, P101; UPC: 100432

Federal Project Number: STP-000S (276)

Legend

-  Architecture Resources
-  Architecture Labels
-  Individual Historic District Properties
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-  County Boundaries



Feet



Title: Architecture Labels

Date: 9/12/2018

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Property Information

Property Names

Name Explanation	Name
Function/Location	House, 4309 Pruden Blvd

Property Evaluation Status

DHR Staff: Not Eligible

Property Addresses

Current - 4309 Pruden Boulevard Route 460

County/Independent City(s): Suffolk (Ind. City)

Incorporated Town(s): *No Data*

Zip Code(s): 23434

Magisterial District(s): *No Data*

Tax Parcel(s): *No Data*

USGS Quad(s): WINDSOR

Additional Property Information

Architecture Setting: Rural

Acreage: *No Data*

Site Description:

May 2014: The house sits on a level lot close to and facing the road and is surrounded by a manicured lawn with agricultural fields beyond. Landscaping consists of occasional mature trees. A gravel drive leads from the road past the east end of the house to access the garage. The garage is located south of the house. A shed is located south of the garage and house.

Surveyor Assessment:

May 2014: The architectural resource is typical of the mid-twentieth century in Suffolk and in the opinion of the surveyor should not be considered individually eligible for the NRHP under Criterion A, B, C or D. There is no known association with important people or events and the resource is a typical example of this time period. In addition, the design and workmanship are undistinguished and the materials stock.

Surveyor Recommendation: Recommended Not Eligible

Ownership

Ownership Category	Ownership Entity
Private	<i>No Data</i>

Primary Resource Information

Resource Category: Domestic

Resource Type: Single Dwelling

Date of Construction: 1963

Historic Time Period: The New Dominion (1946 - 1991)

Historic Context(s): Domestic

Architectural Style: No discernible style

Form: *No Data*

Number of Stories: 1.0

Condition: Good

Interior Plan: *No Data*

Threats to Resource: Transportation Expansion

Architectural Description:

May 2014: The house is a one-story two-bay frame structure clad in brick veneer with a side gable roof covered in asphalt shingle which features an interior brick flue and aluminum siding in the gable ends. Fenestration consists of a wood paneled door with three lights, paired and single six-over-one double-hung sash wood windows, and six-over-six double-hung sash vinyl windows. The main entry is accessed by a small single-bay porch with a front gable roof supported by decorative metal posts. A single bay gable roof addition extends off the west elevation. A single bay gable roof addition extends off the east elevation. A single bay gable roof addition clad in aluminum siding extends off the east elevation of the east addition and features paired one-over-one double-hung sash metal windows. A gable roof ell addition extends off the rear elevation of the west addition and features an interior flue.

Exterior Components

Component	Component Type	Material	Material Treatment
Foundation	Not Visible	No Data	No Data
Structural System and Exterior Treatment	Wood Frame	Brick	Veneer
Roof	Side Gable	Asphalt	No Data
Windows	Double-hung	Wood	No Data
Windows	Double-hung	Vinyl	No Data
Porch	1-Story Partial Width	Metal	Posts
Chimneys	Interior Central	Brick	Flue

Secondary Resource Information

Secondary Resource #1

Resource Category: Domestic
Resource Type: Garage
Architectural Style: No discernible style
Form: No Data
Date of Construction: 1963
Condition: Fair
Threats to Resource: Transportation Expansion

Architectural Description:

May 2014: The garage is a one-story three-bay frame structure clad in aluminum siding with a side gable roof covered in asphalt shingle which features an interior brick flue and a pyramidal roofed vent at the ridge line. The garage sits on a poured concrete foundation. The facade is pierced by a wood paneled retractable wood garage door, a wood-and-glass door, and a six-over-six double-hung sash wood window. A shed roof addition extends off the rear elevation. A gambrel roof glass-and-metal frame greenhouse addition extends off the rear of the shed roof addition and sits on a concrete block foundation. A screened shed roof addition extends off the rear of the shed roof addition adjacent to the greenhouse.

Number of Stories: 1

Secondary Resource #2

Resource Category: Domestic
Resource Type: Shed
Architectural Style: No discernible style
Form: Rectangular
Date of Construction: 1963
Condition: Fair
Threats to Resource: Transportation Expansion

Architectural Description:

May 2014: The shed is a one-story two-bay frame structure clad in T-111 siding with a side gable roof covered in asphalt shingle. The shed sits on a poured concrete foundation. The door and window openings piercing the facade are empty.

Number of Stories: 1

Historic District Information

Historic District Name: No Data
Local Historic District Name: No Data
Historic District Significance: No Data

CRM Events

Event Type: DHR Staff: Not Eligible

DHR ID: 133-5448
Staff Name: Marc Holma
Event Date: 7/21/2014
Staff Comment
DHR File No. 2002-1760

Event Type: Survey:Phase I/Reconnaissance

Project Review File Number: 2002-1760
Investigator: Sandra DeChard
Organization/Company: Stantec 2034
Sponsoring Organization: *No Data*
Survey Date: 5/19/2014
Dhr Library Report Number: *No Data*
Project Staff/Notes:
No Data

Bibliographic Information

Bibliography:

City of Suffolk Online Tax Records

Property Notes:

No Data

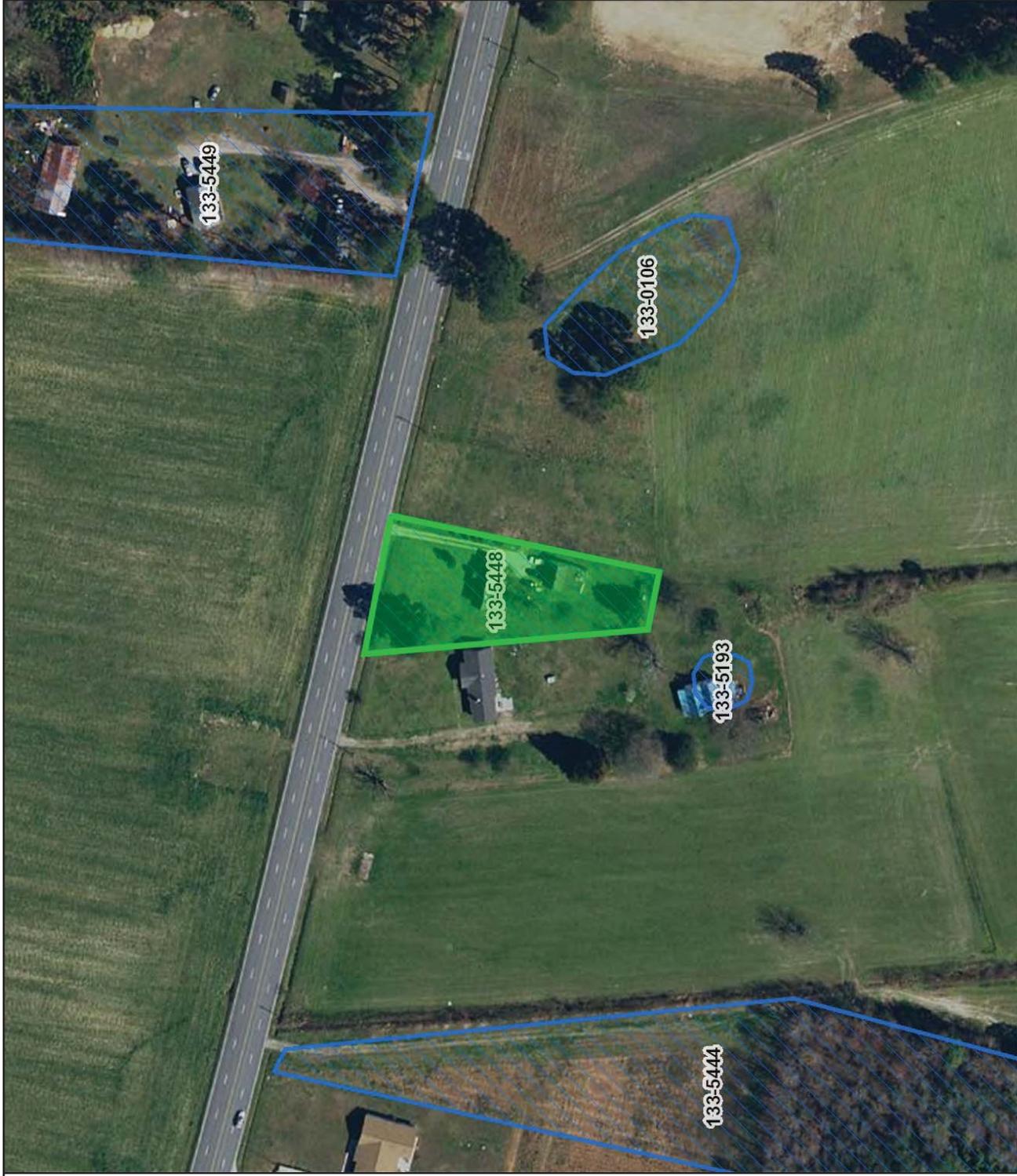
Project Bibliographic Information:

US Route 460 Location Study, Prince George, Sussex, Surry, Southampton and Isle of Wight counties, and the City of Suffolk, Supplemental Environmental Impact Statement: Architectural Survey Management Summary.

State Project Number: 0460-969-101, P101; UPC: 100432
Federal Project Number: STP-000S (276)

Legend

-  Architecture Resources
-  Architecture Labels
-  Individual Historic District Properties
-  Archaeological Resources
-  Archaeology Labels
-  USGS GIS Place names
-  County Boundaries



Feet

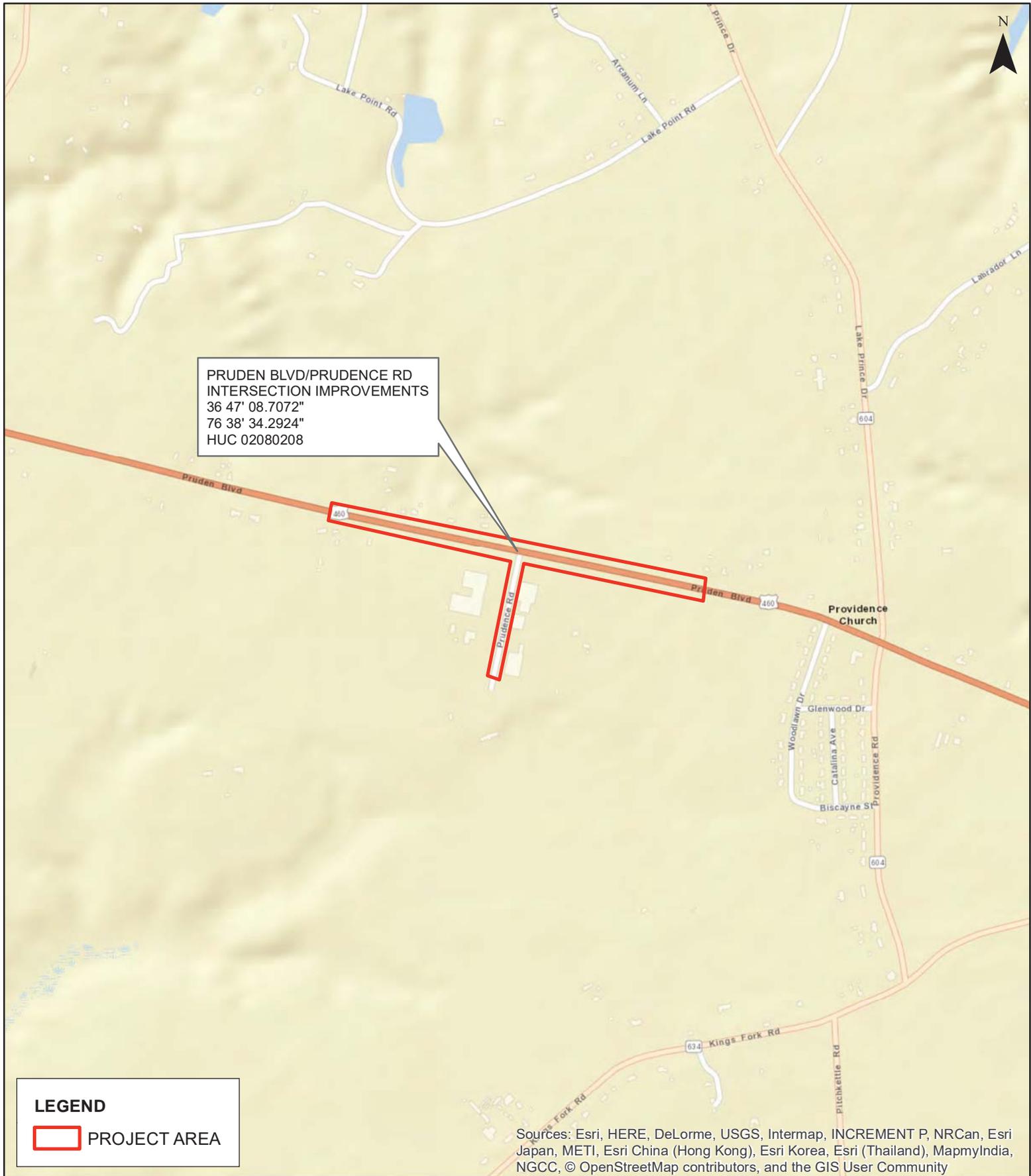


Title: Architecture Labels

Date: 9/12/2018

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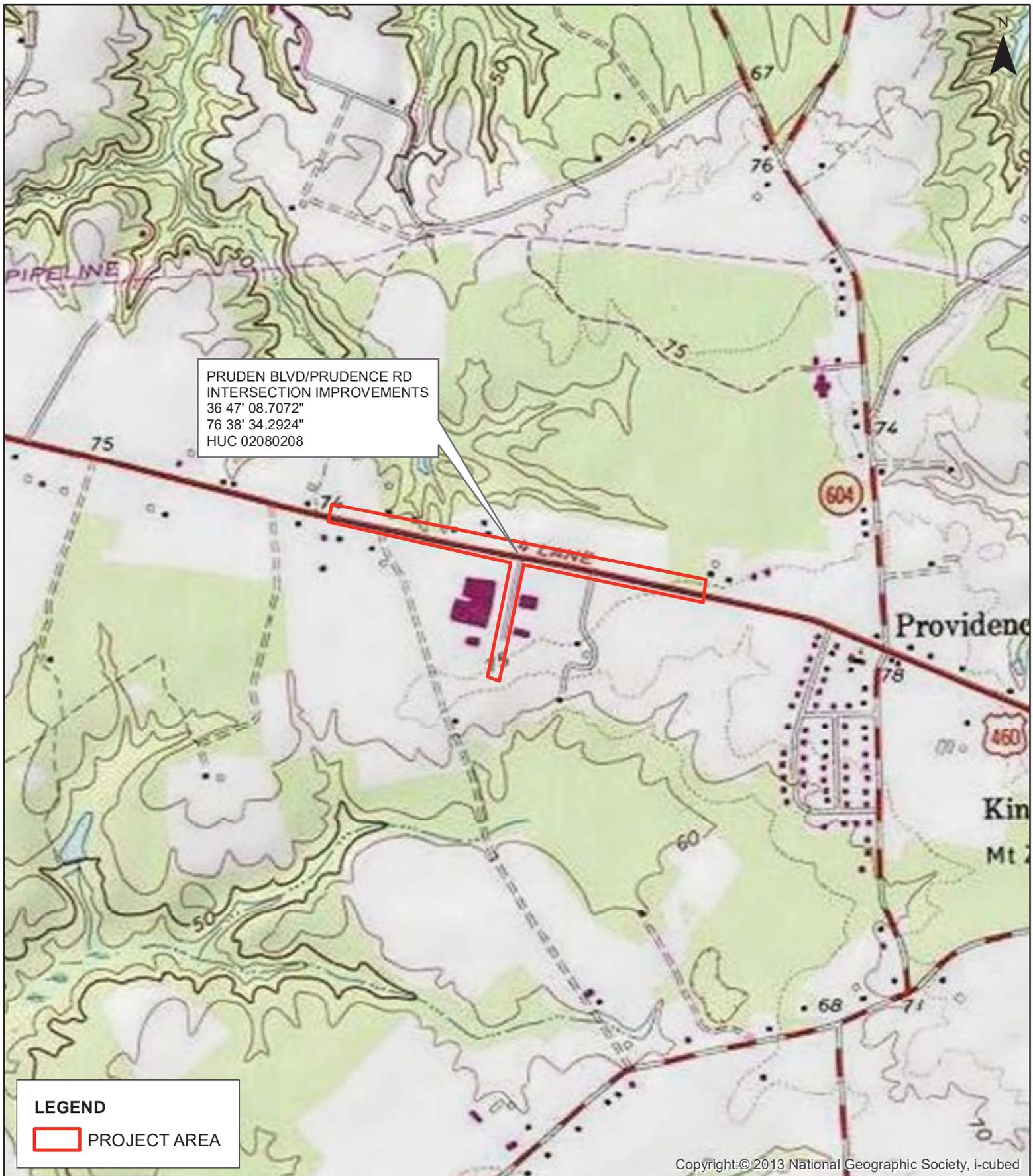
PRUDEN BLVD/PRUDENCE RD
INTERSECTION IMPROVEMENTS
SUFFOLK, VA
U000-133-R92, UPC# 107267

DATE: 02/23/2018

FIGURE 1

SCALE: 1 IN = 1,000 FT

OVERALL VICINITY



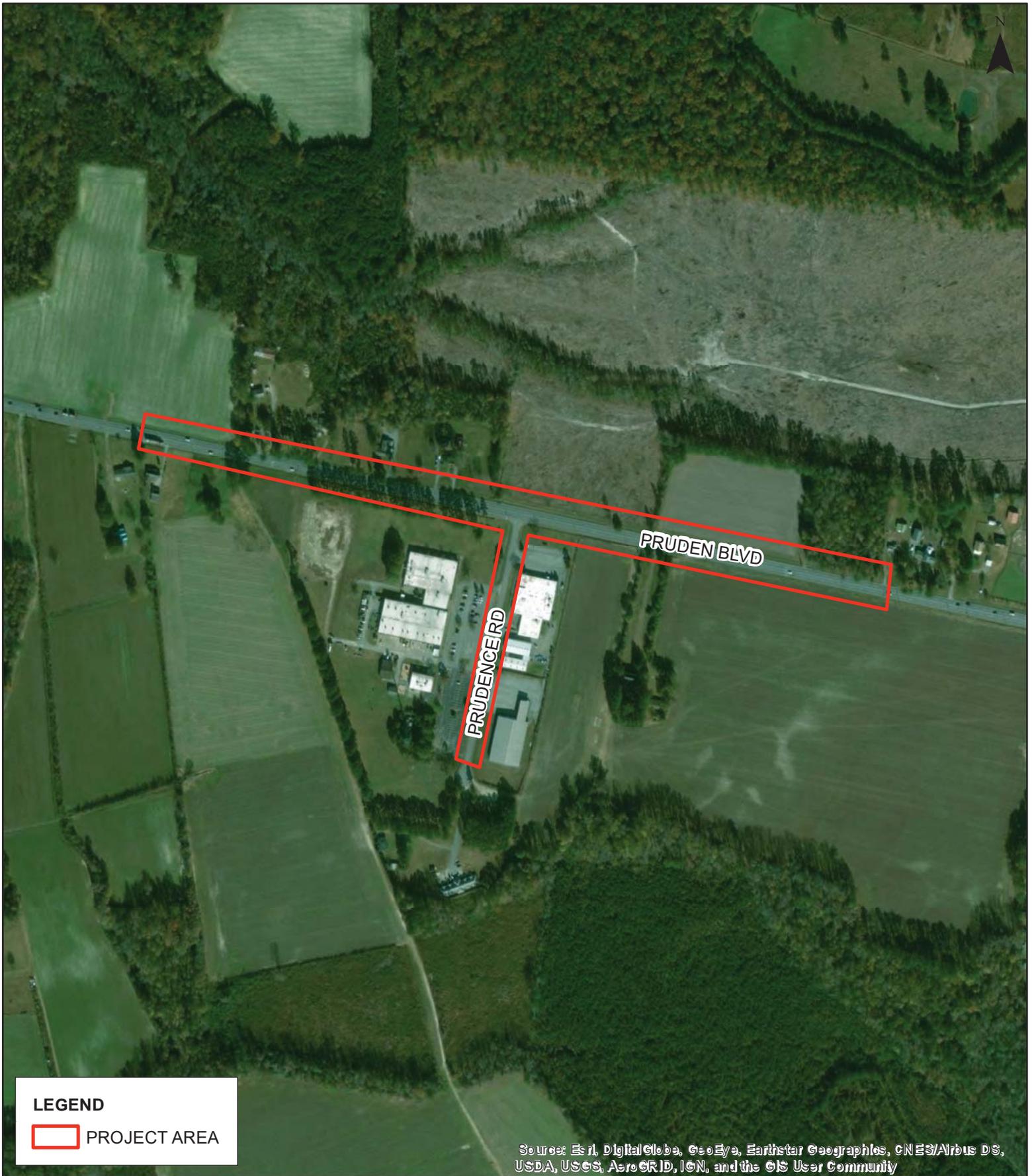
PRUDEN BLVD/PRUDENCE RD
INTERSECTION IMPROVEMENTS
SUFFOLK, VA
U000-133-R92, UPC# 107267

DATE: 02/23/2018

FIGURE 2

SCALE: 1 IN = 1,000 FT

TOPOGRAPHIC VICINITY



LEGEND

PROJECT AREA

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

PRUDEN BLVD/PRUDENCE RD INTERSECTION IMPROVEMENTS SUFFOLK, VA U000-133-R92, UPC# 107267	DATE: 02/23/2018	FIGURE 3
	SCALE: 1 IN = 500 FT	AERIAL PHOTOGRAPH

From: [Pringle, Dustin](#)
To: ProjectReview@dgif.virginia.gov
Cc: [Beard, Taylor](#)
Subject: Attn: Ernie Aschenbach - Pruden Boulevard and Prudence Road Intersection VAFWIS Search Report 9-17-18
Date: Monday, September 17, 2018 1:06:12 PM
Attachments: [Pruden Boulevard and Prudence Road Intersection VAFWIS Search Report 9-17-18.pdf](#)

Good afternoon,

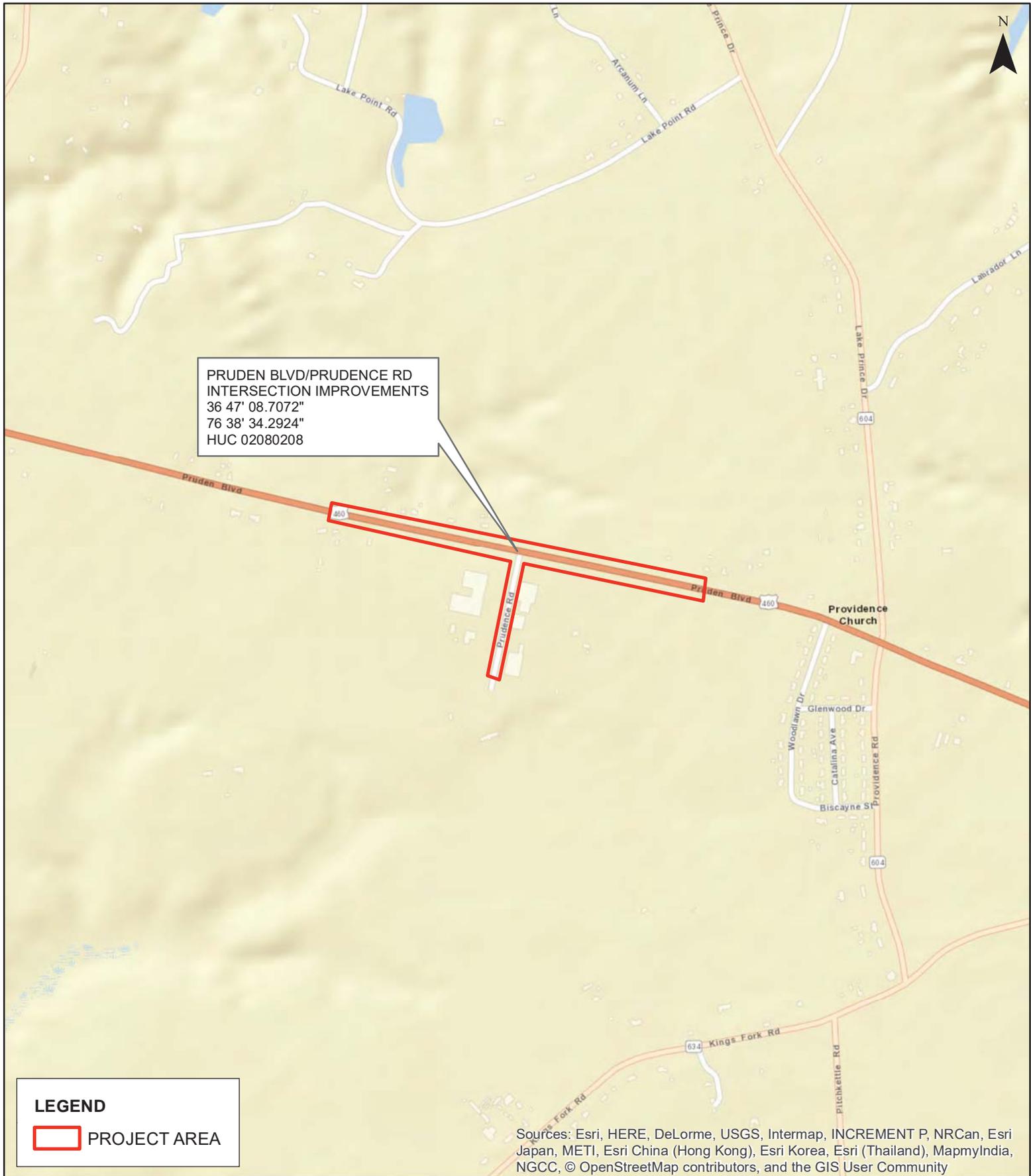
The City of Suffolk is proposing improvements to Pruden Boulevard and its intersection with Prudence Road. The project consists of widening 3,000 linear feet of Pruden Boulevard and intersection of Prudence Road. Proposed improvements consist of converting the existing shoulder section roadways to roadways with curb and gutter, a raised median, and proposed concrete sidewalks. Widening is proposed along the south side of US Route 460 and along both sides of Prudence Road. This project review is needed for compliance with the SERP process. There is anticipated SERP funding (VDOT Project No. U000-133-R92).

Based on the review of the VaFWIS report, no threatened or endangered species were identified within the vicinity of the proposed project area. No species were identified within a 2-mile radius of the proposed project area and it is not anticipated that the proposed project would have any adverse effects on threatened or endangered species.

Please see the attached maps and database results. A review of the proposed project and comments would be greatly appreciated. Thank you for your time and review!

Sincerely,

Dustin Pringle
Environmental Scientist
Kimley-Horn and Associates, Inc.
4525 Main St Suite 1000
Virginia Beach, Virginia 23462
Email: dustin.pringle@kimley-horn.com
Phone: 757-213-6690



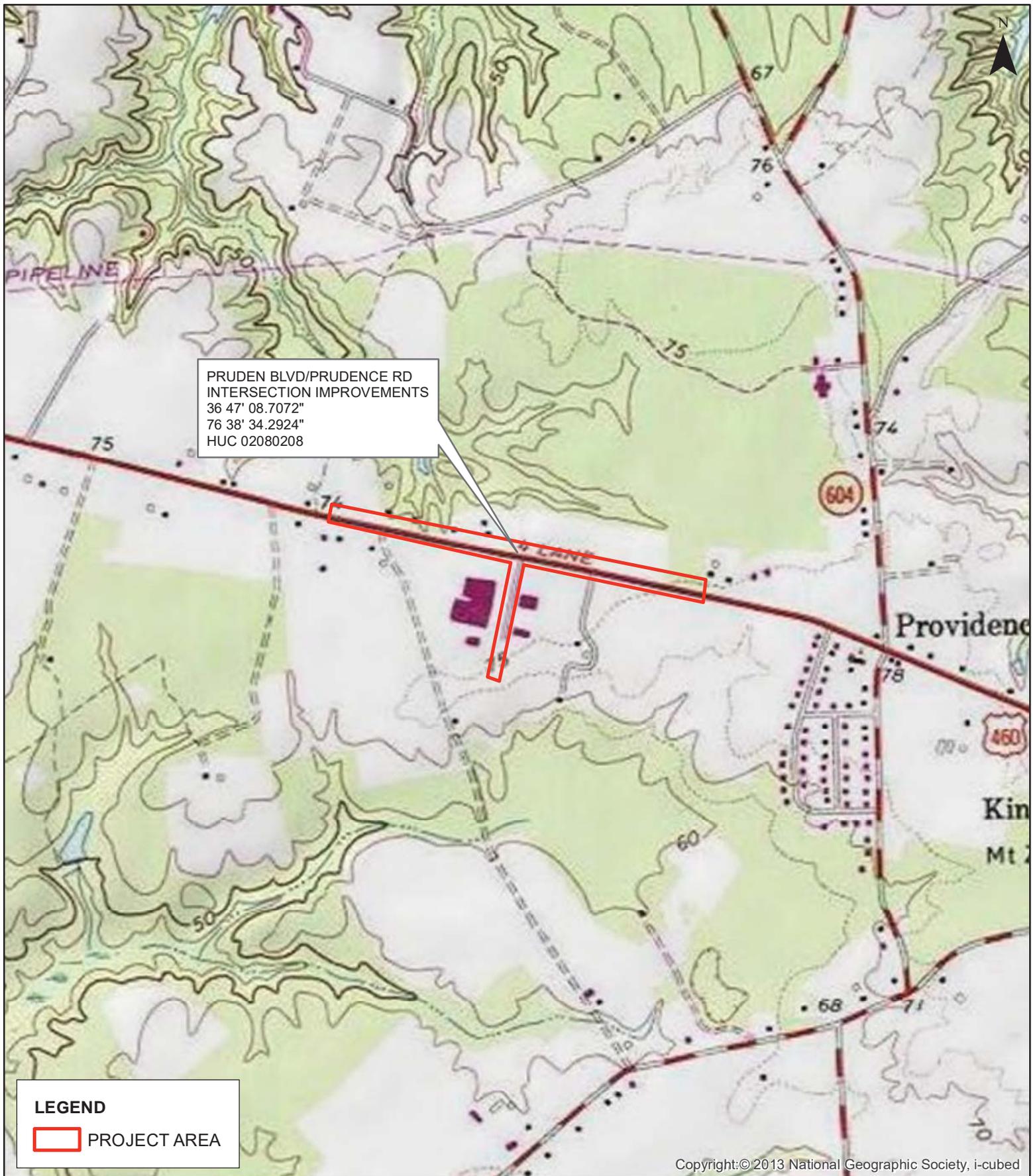
PRUDEN BLVD/PRUDENCE RD
INTERSECTION IMPROVEMENTS
SUFFOLK, VA
U000-133-R92, UPC# 107267

DATE: 02/23/2018

FIGURE 1

SCALE: 1 IN = 1,000 FT

OVERALL VICINITY



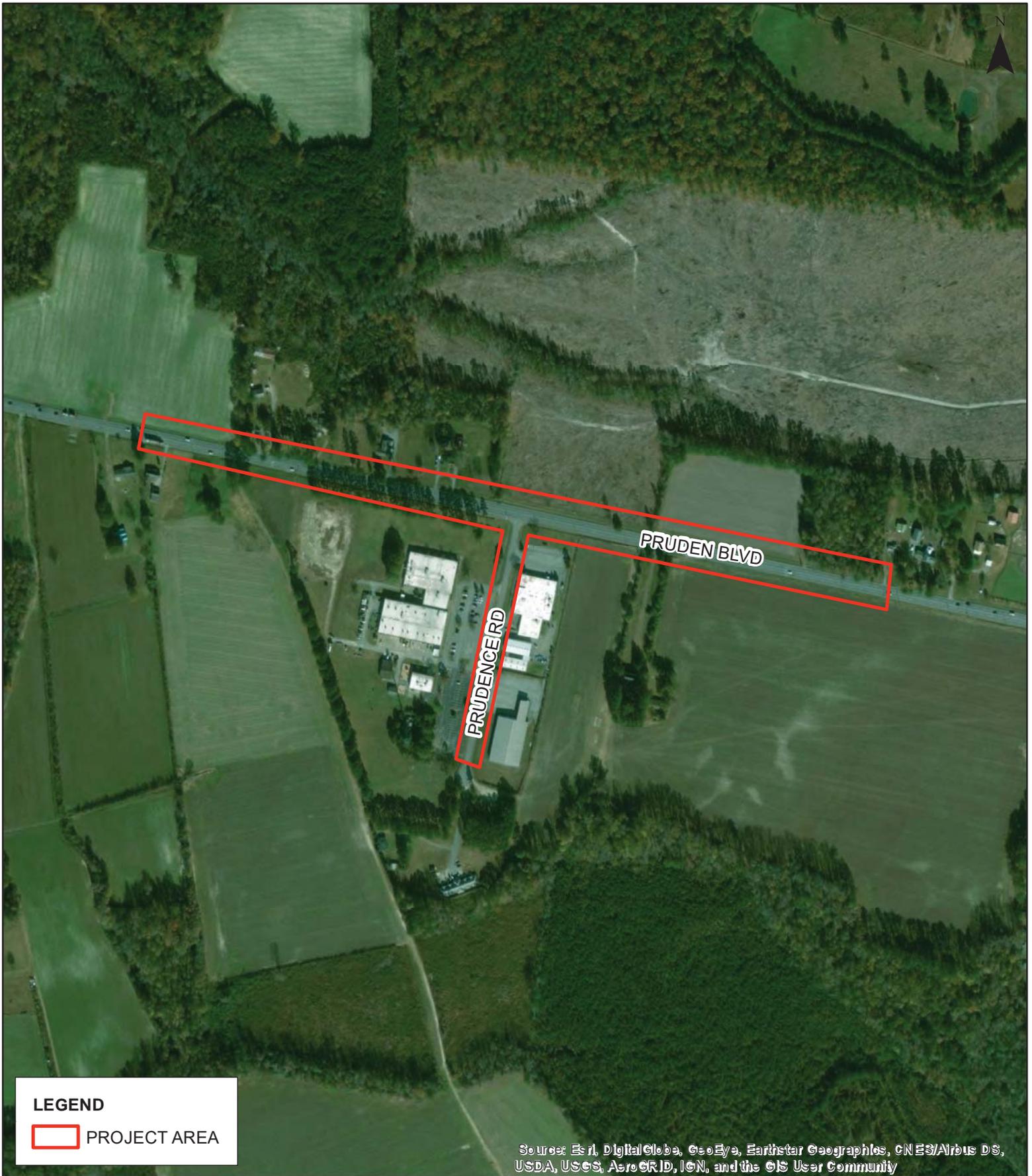
PRUDEN BLVD/PRUDENCE RD
INTERSECTION IMPROVEMENTS
SUFFOLK, VA
U000-133-R92, UPC# 107267

DATE: 02/23/2018

FIGURE 2

SCALE: 1 IN = 1,000 FT

TOPOGRAPHIC VICINITY



LEGEND
 PROJECT AREA

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

<p>PRUDEN BLVD/PRUDENCE RD INTERSECTION IMPROVEMENTS SUFFOLK, VA U000-133-R92, UPC# 107267</p>	<p>DATE: 02/23/2018</p>	<p>FIGURE 3</p>
	<p>SCALE: 1 IN = 500 FT</p>	<p>AERIAL PHOTOGRAPH</p>

VaFWIS Search Report Compiled on 9/12/2018, 4:08:56 PM

[Help](#)

Known or likely to occur within a **2 mile radius around point 36,47,06.6 -76,38,35.5**
in **800 Suffolk City, VA**

[View Map of Site Location](#)

571 Known or Likely Species ordered by Status Concern for Conservation
(displaying first 33) (33 species with Status* or Tier I** or Tier II**)

BOVA Code	Status*	Tier**	Common Name	Scientific Name	Confirmed	Database(s)
030074	FESE	Ia	Turtle, Kemp's ridley sea	Lepidochelys kempii		BOVA
040228	FESE	Ia	Woodpecker, red-cockaded	Picoides borealis		BOVA
010032	FESE	Ib	Sturgeon, Atlantic	Acipenser oxyrinchus		BOVA
030071	FTST	Ia	Turtle, loggerhead sea	Caretta caretta		BOVA
040144	FTST	Ia	Knot, red	Calidris canutus rufa		BOVA,HU6
050022	FTST	Ia	Bat, northern long-eared	Myotis septentrionalis		BOVA
040120	FTST	IIa	Plover, piping	Charadrius melodus		BOVA
040110	SE	Ia	Rail, black	Laterallus jamaicensis		BOVA
050034	SE	Ia	Bat, Rafinesque's eastern big-eared	Corynorhinus rafinesquii macrotis		BOVA,HU6
050027	SE	Ia	Bat, tri-colored	Perimyotis subflavus		BOVA
030013	SE	IIa	Rattlesnake, canebrake	Crotalus horridus	Potential	BOVA,Habitat,HU6
040096	ST	Ia	Falcon, peregrine	Falco peregrinus		BOVA
040293	ST	Ia	Shrike, loggerhead	Lanius ludovicianus		BOVA
020044	ST	IIa	Salamander, Mabee's	Ambystoma mabeei	Potential	BOVA,Habitat,HU6
020002	ST	IIa	Treefrog, barking	Hyla gratiosa		HU6
040292	ST		Shrike, migrant loggerhead	Lanius ludovicianus migrans		BOVA
030067	CC	IIa	Terrapin, northern diamond-backed	Malaclemys terrapin terrapin	Potential	BOVA,Habitat,HU6
030063	CC	IIIa	Turtle, spotted	Clemmys guttata		BOVA,HU6
040040		Ia	Ibis, glossy	Plegadis falcinellus		BOVA
040422		Ic	Warbler, Wayne's	Setophaga virens waynei		HU6

070131		Ic	Isopod, Phreatic	Caecidotea phreatica		BOVA,HU6
100176		Ic	Skipper, Arogos	Atrytone arogos arogos		BOVA
020063		IIa	Toad, oak	Anaxyrus quercicus	Potential	BOVA,Habitat,HU6
040052		IIa	Duck, American black	Anas rubripes		BOVA,HU6
040033		IIa	Egret, snowy	Egretta thula		BOVA
040029		IIa	Heron, little blue	Egretta caerulea caerulea		BOVA
040036		IIa	Night-heron, yellow-crowned	Nyctanassa violacea violacea		BOVA
040181		IIa	Tern, common	Sterna hirundo		BOVA,HU6
040320		IIa	Warbler, cerulean	Setophaga cerulea		BOVA,HU6
040140		IIa	Woodcock, American	Scolopax minor		BOVA,HU6
040203		IIb	Cuckoo, black-billed	Coccyzus erythrophthalmus		BOVA
040105		IIb	Rail, king	Rallus elegans		BOVA,HU6
040304		IIc	Warbler, Swainson's	Limnothlypis swainsonii		BOVA,HU6

To view **All 571 species** [View 571](#)

*FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FP=Federal Proposed; FC=Federal Candidate; CC=Collection Concern

**I=VA Wildlife Action Plan - Tier I - Critical Conservation Need;
 II=VA Wildlife Action Plan - Tier II - Very High Conservation Need;
 III=VA Wildlife Action Plan - Tier III - High Conservation Need;
 IV=VA Wildlife Action Plan - Tier IV - Moderate Conservation Need
 Virginia Wildlife Action Plan Conservation Opportunity Ranking:

- a - On the ground management strategies/actions exist and can be feasibly implemented.;
- b - On the ground actions or research needs have been identified but cannot feasibly be implemented at this time.;
- c - No on the ground actions or research needs have been identified or all identified conservation opportunities have been exhausted.

[View Map of All Query Results from All Observation Tables](#)

Bat Colonies or Hibernacula: **Not Known**

Anadromous Fish Use Streams

N/A

Impediments to Fish Passage

N/A

Colonial Water Bird Survey

N/A

Threatened and Endangered Waters

N/A

Managed Trout Streams

N/A

Bald Eagle Concentration Areas and Roosts

N/A

Bald Eagle Nests (2 records)

[View Map of All Query Results
Bald Eagle Nests](#)

Nest	N Obs	Latest Date	DGIF Nest Status	View Map
SK0301	16	Apr 18 2011	Unknown	Yes
SK9602	10	Apr 24 2000	HISTORIC	Yes

Displayed 2 Bald Eagle Nests

Species Observations (25 records - displaying first 20)

[View Map of All Query Results
Species Observations](#)

obsID	class	Date Observed	Observer	N Species			View Map
				Different Species	Highest TE*	Highest Tier**	
336114	SppObs	Jan 1 1977	VFC-B-VA. FISH COMMISSION	23		III	Yes
334194	SppObs	Jan 1 1972	VFC-VA. FISH COMM	18		IV	Yes
334010	SppObs	Jan 1 1971	VFC-B-VA. FISH COMMISSION	18		IV	Yes
365753	SppObs	Jan 1 1900	n. a.	1		IV	Yes
365738	SppObs	Jan 1 1900		1		IV	Yes

65860	SppObs	Jul 31 2000	kari benson (PRINCIPLE PERMITTEE)	1			Yes
65859	SppObs	Jun 16 2000	kari benson (PRINCIPLE PERMITTEE)	1			Yes
58195	SppObs	Apr 11 1999	KARI BENSON (PRINCIPLE PERMITTEE), LYNCHBURG COLLEGE	1			Yes
334009	SppObs	Jan 1 1971	VFC-B-VA. FISH COMMISSION	7			Yes
333896	SppObs	Jan 1 1971	VFC-VA. FISH COMM	19			Yes
334011	SppObs	Jan 1 1971	VFC-B-VA. FISH COMMISSION	12			Yes
333739	SppObs	Jan 1 1970	VFC-B-VA. FISH COMMISSION	3			Yes
333740	SppObs	Jan 1 1970	VFC-B-VA. FISH COMMISSION	4			Yes
333605	SppObs	Jan 1 1970	VFC-VA. FISH COMM	8			Yes
333741	SppObs	Jan 1 1970	VFC-B-VA. FISH COMMISSION	4			Yes
365724	SppObs	Jan 1 1900		1			Yes
28667	SppObs	Jan 1 1900	Mitchell, J. C.	1			Yes
365744	SppObs	Jan 1 1900		1			Yes
28666	SppObs	Jan 1 1900	Mitchell, J. C.	1			Yes
365718	SppObs	Jan 1 1900		1			Yes

Displayed 20 Species Observations

Selected 25 Observations [View all 25 Species Observations](#)

Habitat Predicted for Aquatic WAP Tier I & II Species

N/A

Habitat Predicted for Terrestrial WAP Tier I & II Species (4 Species)

[View Map of Combined Terrestrial Habitat Predicted for 4 WAP Tier I & II Species Listed Below](#)

ordered by Status Concern for Conservation

	Status*	Tier**	Common Name	Scientific Name	
--	---------	--------	-------------	-----------------	--

BOVA Code					View Map
030013	SE	IIa	Rattlesnake, canebrake	Crotalus horridus	Yes
020044	ST	IIa	Salamander, Mabee's	Ambystoma mabeei	Yes
030067	CC	IIa	Terrapin, northern diamond-backed	Malaclemys terrapin terrapin	Yes
020063		IIa	Toad, oak	Anaxyrus quercicus	Yes

Virginia Breeding Bird Atlas Blocks (2 records)

[View Map of All Query Results Virginia Breeding Bird Atlas Blocks](#)

BBA ID	Atlas Quadrangle Block Name	Breeding Bird Atlas Species			View Map
		Different Species	Highest TE*	Highest Tier**	
58033	Chuckatuck, CW	1			Yes
57036	Windsor, SE	40		III	Yes

Public Holdings:

N/A

Summary of BOVA Species Associated with Cities and Counties of the Commonwealth of Virginia:

FIPS Code	City and County Name	Different Species	Highest TE	Highest Tier
800	Suffolk City	532	FESE	I

USGS 7.5' Quadrangles:

Windsor
Chuckatuck

USGS NRCS Watersheds in Virginia:

N/A

USGS National 6th Order Watersheds Summary of Wildlife Action Plan Tier I, II, III, and IV Species:

HU6 Code	USGS 6th Order Hydrologic Unit	Different Species	Highest TE	Highest Tier
JL45	Cohoon Creek	81	FTSE	I
JL46	Lake Prince	78	FTSE	I
JL47	Western Branch Reservoir	81	FTSE	I

Compiled on 9/12/2018, 4:08:56 PM 1929426.0 report=all searchType= R dist= 3218.688 poi= 36,47,06.6 -76,38,35.5

PixelSize=64; Anadromous=0.018907; BBA=0.067477; BECAR=0.016053; Bats=0.015769; Buffer=0.097438; County=0.108338; HU6=0.125509; Impediments=0.016246; Init=0.18977;
PublicLands=0.028558; Quad=0.083236; SppObs=0.259248; TEWaters=0.027765; TierReaches=0.058883; TierTerrestrial=0.221018; Total=1.557961; Tracking_BOVA=0.205835; Trout=0.02588;
huva=0.071536

Site Location

36,47,06.6 -76,38,35.5
is the Search Point

Show Position Rings

Yes No
1 mile and 1/4 mile at the Search Point

Show Search Area

Yes No
2 Search distance miles radius

Search Point is at map center

Base Map [Choices](#)

Topography ▼

Map Overlay [Choices](#)

Current List: Position, Search, BECAR, BAEANests, TEWaters, TierII, Habitat, Trout, Anadromous




Map Click Pan Id M
Map Scale In Zoom Out
Screen Size Small Size Big
[Help](#)

[Refresh Browser Page](#)





Point of Search 36,47,06.6 -76,38,35.5

Map Location 36,47,06.6 -76,38,35.5

Select **Coordinate System:** Degrees,Minutes,Seconds Latitude - Longitude
 Decimal Degrees Latitude - Longitude
 Meters UTM NAD83 East North Zone
 Meters UTM NAD27 East North Zone

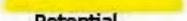
Base Map source: USGS 1:100,000 topographic maps (see [Microsoft terraserver-usa.com](http://Microsoft.terraserver-usa.com) for details)

Map projection is UTM Zone 18 NAD 1983 with left 348581 and top 4077100. Pixel size is 16 meters . Coordinates displayed are Degrees, Minutes, Seconds North and West.Map is currently displayed as 600 columns by 600 rows for a total of 360000 pixels. The map display represents 9600 meters east to west by 9600 meters north to south for a total of 92.1 square kilometers. The map display represents 31501 feet east to west by 31501 feet north to south for a total of 35.5 square miles.

Topographic maps and Black and white aerial photography for year 1990+-

Map Overlay Legend

https://vafwis.dgif.virginia.gov/maps/zMapFormJava.asp?autoscale=14&coord=LL&displ... 9/12/2018

T & E Waters	are from the United States Department of the Interior, United States Geological Survey. Color aerial photography aquired 2002 is from Virginia Base Mapping Program, Virginia Geographic Information Network. Shaded topographic maps are from TOPO! ©2006 National Geographic http://www.national.geographic.com/topo All other map products are from the Commonwealth of Virginia Department of Game and Inland Fisheries.
 Federal  State	map assembled 2018-09-12 16:16:34 (qa/qc March 21, 2016 12:20 - tn=929426.0 dist=3218.688 I) \$poi=36.7851667 -76.6431944
Predicted Habitat WAP Tier I & II	
 Aquatic  Terrestrial	
Trout Waters	
 Class I - IV  Class V - VI	
Anadromous Fish Reach	
 Confirmed  Potential	
 Impediment	
 Position Rings 1 mile and 1/4 mile at the Search Point	
 2 mile radius Search Area	
Bald Eagle Concentration Areas and Roosts	
	

| [DGIF](#) | [Credits](#) | [Disclaimer](#) | Contact shirl.dressler@dgif.virginia.gov | Please view our [privacy policy](#) |
 © 1998-2018 Commonwealth of Virginia Department of Game and Inland Fisheries

From: [Pringle, Dustin](#)
To: [Beard, Taylor](#)
Subject: Pruden Boulevard and Prudence Road Intersection Improvement Self-Certification and Submittal 9-17-18
Date: Monday, September 17, 2018 12:18:24 PM
Attachments: [Pruden Boulevard and Prudence Road Intersection Improvement Self-Certification and Submittal 9-17-18.pdf](#)

Good afternoon,

The City of Suffolk is proposing improvements to Pruden Boulevard and its intersection with Prudence Road. The project consists of widening 3,000 linear feet of Pruden Boulevard and intersection of Prudence Road. Proposed improvements consist of converting the existing shoulder section roadways to roadways with curb and gutter, a raised median, and proposed concrete sidewalks. Widening is proposed along the south side of US Route 460 and along both sides of Prudence Road.

Please find attached the completed Self-Certification Letter and Submittal Package for the above-referenced project. This project review is needed for compliance with the SERP process. There is anticipated SERP funding.

Please confirm no further coordination is required.

Thank you for your time and review, and we look forward to hearing from you soon.

Sincerely,

Dustin Pringle
Environmental Scientist
Kimley-Horn and Associates, Inc.
4525 Main St Suite 1000
Virginia Beach, Virginia 23462
Email: dustin.pringle@kimley-horn.com
Phone: 757-213-6690



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Virginia Field Office
6669 Short Lane
Gloucester, VA 23061

Date: 9/17/2018

Self-Certification Letter

Project Name: Pruden Boulevard/Prudence Road Intersection Improvement

Dear Applicant:

Thank you for using the U.S. Fish and Wildlife Service (Service) Virginia Ecological Services online project review process. By printing this letter in conjunction with your project review package, you are certifying that you have completed the online project review process for the project named above in accordance with all instructions provided, using the best available information to reach your conclusions. This letter, and the enclosed project review package, completes the review of your project in accordance with the Endangered Species Act of 1973 (16 U.S.C. . 1531-1544, 87 Stat. 884), as amended (ESA), and the Bald and Golden Eagle Protection Act (16 U.S.C. 668-668c, 54 Stat. 250), as amended (Eagle Act). This letter also provides information for your project review under the National Environmental Policy Act of 1969 (P.L. 91-190, 42 U.S.C. 4321-4347, 83 Stat. 852), as amended. A copy of this letter and the project review package must be submitted to this office for this certification to be valid. This letter and the project review package will be maintained in our records.

The species conclusions table in the enclosed project review package summarizes your ESA and Eagle Act conclusions. These conclusions resulted in:

- “no effect” determinations for proposed/listed species and/or proposed/designated critical habitat; and/or
- “may affect, not likely to adversely affect” determinations for proposed/listed species and/or proposed/designated critical habitat; and/or
- “may affect, likely to adversely affect” determination for the Northern long-eared bat (*Myotis septentrionalis*) and relying on the findings of the January 5, 2016 Programmatic Biological Opinion for the Final 4(d) Rule on the Northern long-eared bat; and/or
- “no Eagle Act permit required” determinations for eagles.

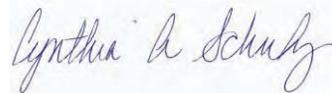
We certify that use of the online project review process in strict accordance with the instructions provided as documented in the enclosed project review package results in reaching the appropriate determinations. Therefore, we concur with the “no effect” or “not likely to adversely affect” determinations for proposed and listed species and proposed and designated critical habitat; the “may affect” determination for Northern long-eared bat; and/or the “no Eagle Act permit required” determinations for eagles. Additional coordination with this office is not needed.

Candidate species are not legally protected pursuant to the ESA. However, the Service encourages consideration of these species by avoiding adverse impacts to them. Please contact this office for additional coordination if your project action area contains candidate species.

Should project plans change or if additional information on the distribution of proposed or listed species, proposed or designated critical habitat, or bald eagles becomes available, this determination may be reconsidered. This certification letter is valid for 1 year.

Information about the online project review process including instructions and use, species information, and other information regarding project reviews within Virginia is available at our website http://www.fws.gov/northeast/virginiafield/endspecies/project_reviews.html. If you have any questions, please contact Troy Andersen of this office at (804) 824-2428.

Sincerely,



Cindy Schulz
Field Supervisor
Virginia Ecological Services

Enclosures - project review package

Dustin Pringle
Kimley-Horn and Associates
4525 Main Street, Suite 1000
Virginia Beach, VA 23462

To: U.S. Fish and Wildlife Service
Virginia Field Office
6669 Short Lane
Gloucester, Virginia 23061

September 17, 2018

Re: Project Review Request, Pruden Boulevard (Route 460) & Prudence Road Improvement
Project Norfolk, VA; VDOT Project No. U000-133-R92

We have reviewed the referenced project using the Virginia Field Office's online project review process and have followed all guidance and instructions in completing the review. We completed our review on September 17, 2018 and are submitting our project review package in accordance with the instructions for further review.

The City of Suffolk is planning widening improvements to Pruden Boulevard and its intersection with Prudence Road in Suffolk, Virginia. Widening is proposed along the south side of US Route 460 and along both sides of Prudence Road. Specifically, the project would entail the following:

- Roadway, sidewalk, median, curb and gutter improvements

The location of the project and the action area are identified on the enclosed map.

This project review is needed for compliance with the SERP process. There is anticipated SERP funding.

The enclosed project review package provides the information about the species, critical habitat, and bald eagles considered in our review, and the species conclusions table in the package identifies our determinations for the resources that may be affected by the project.

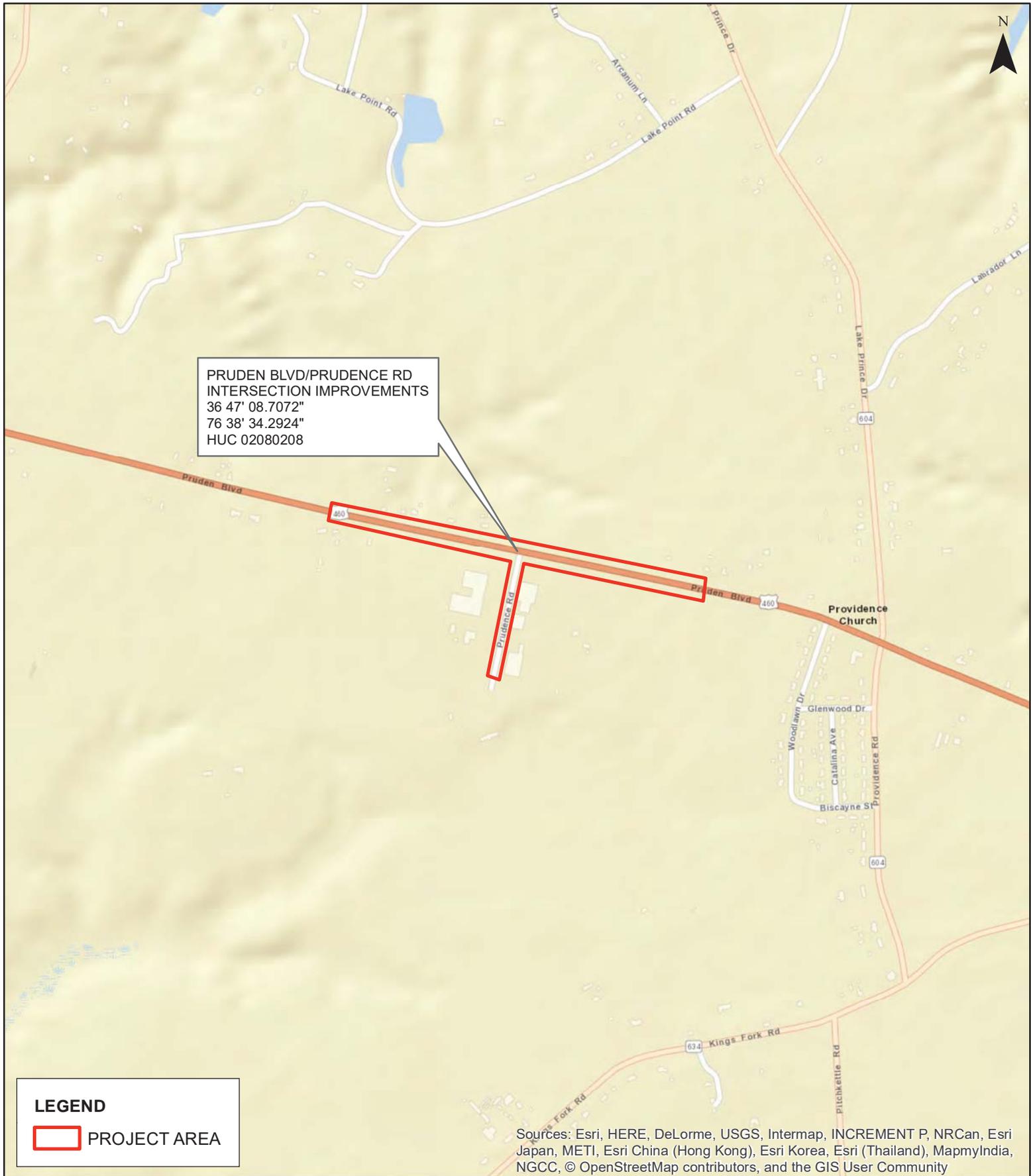
For additional information, please contact Mr. Dustin Pringle at 757.335.6690 or dustin.pringle@kimley-horn.com

Sincerely,

Dustin Pringle
Environmental Scientist

Enclosures:

1) ENTIRE PROJECT REVIEW PACKAGE



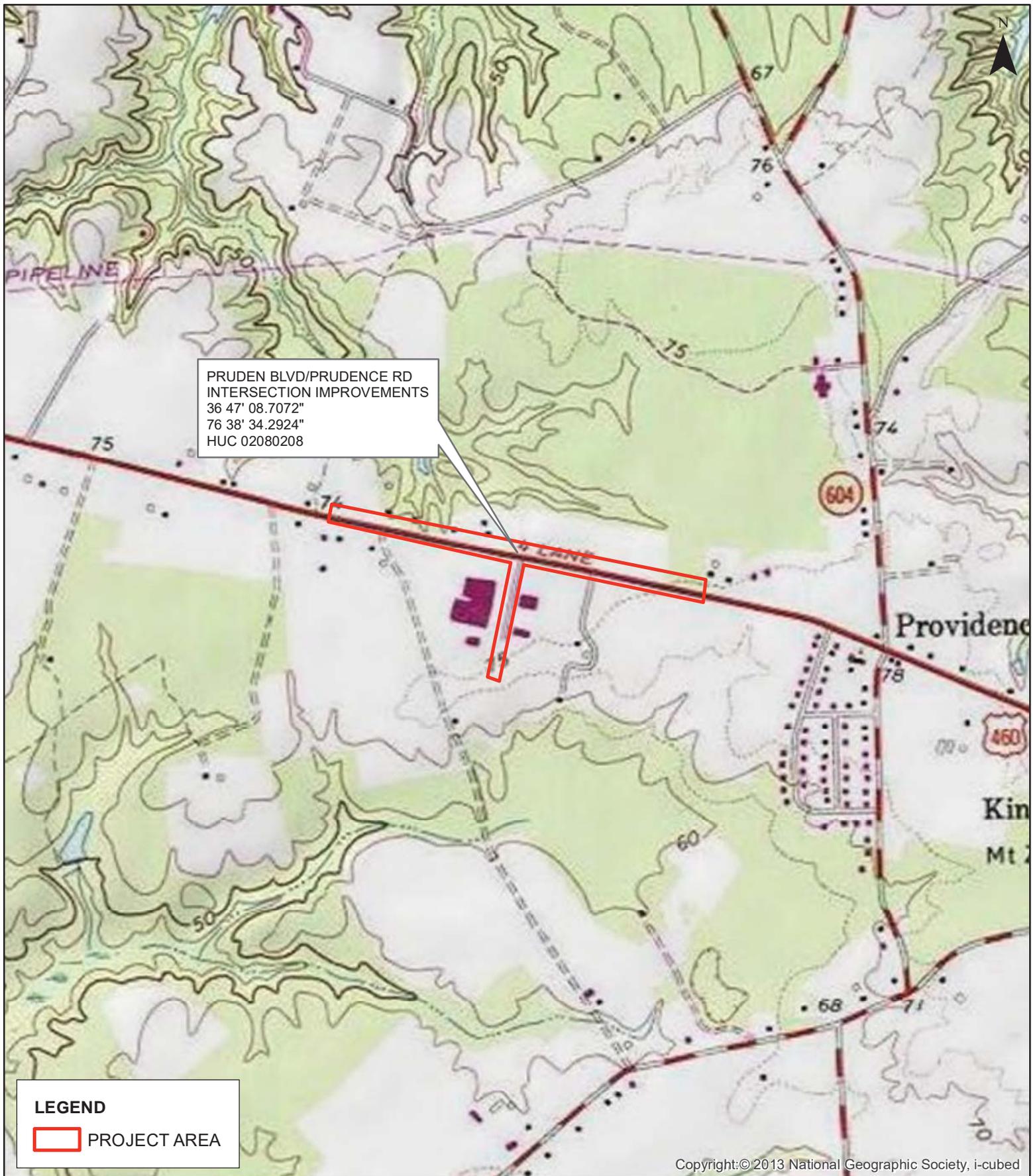
PRUDEN BLVD/PRUDENCE RD
INTERSECTION IMPROVEMENTS
SUFFOLK, VA
U000-133-R92, UPC# 107267

DATE: 02/23/2018

FIGURE 1

SCALE: 1 IN = 1,000 FT

OVERALL VICINITY

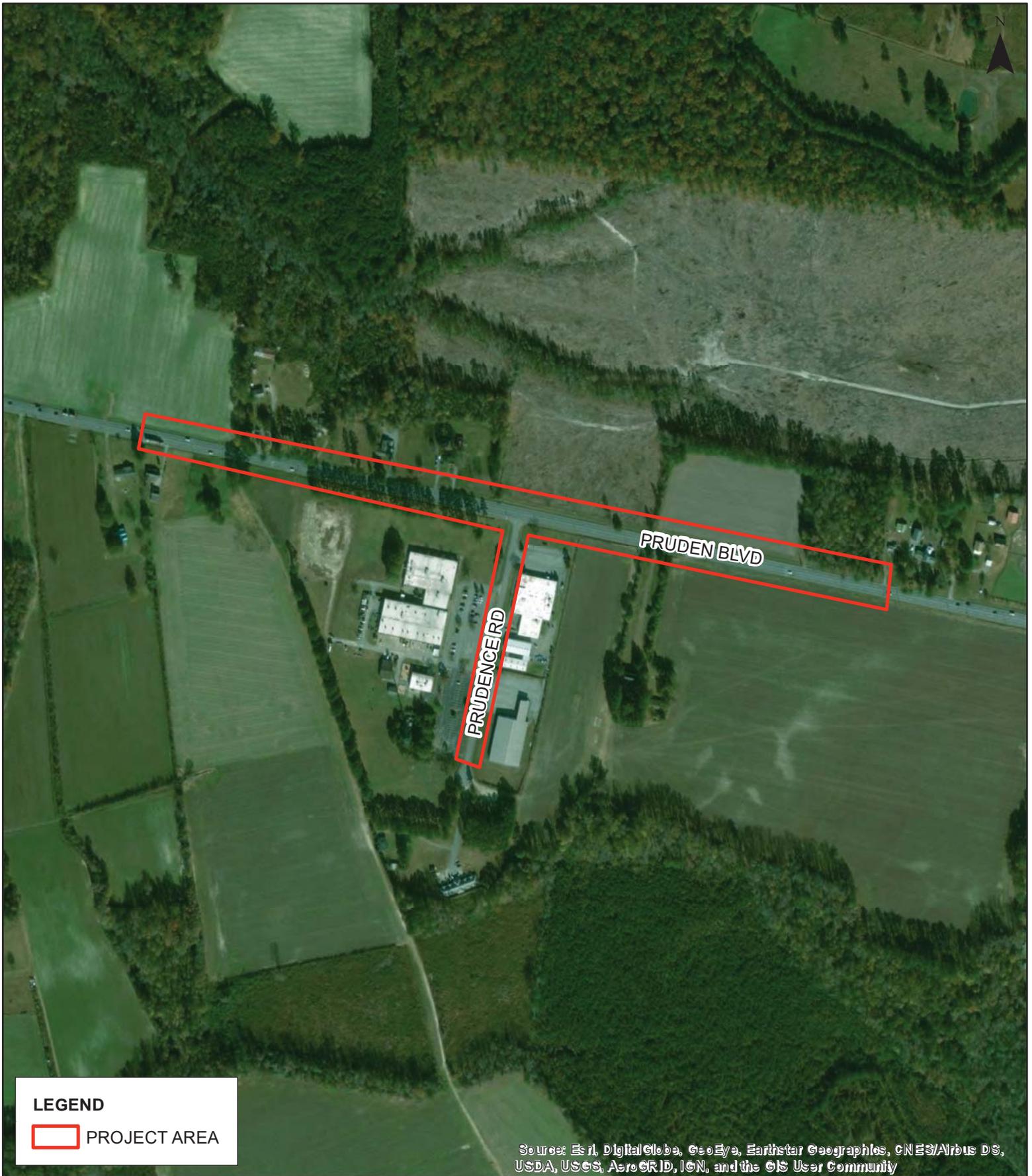


PRUDEN BLVD/PRUDENCE RD
 INTERSECTION IMPROVEMENTS
 36 47' 08.7072"
 76 38' 34.2924"
 HUC 02080208

LEGEND
 [Red Rectangle] PROJECT AREA

Copyright: © 2013 National Geographic Society, i-cubed

PRUDEN BLVD/PRUDENCE RD INTERSECTION IMPROVEMENTS SUFFOLK, VA U000-133-R92, UPC# 107267	DATE: 02/23/2018	FIGURE 2
	SCALE: 1 IN = 1,000 FT	TOPOGRAPHIC VICINITY



LEGEND

PROJECT AREA

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

PRUDEN BLVD/PRUDENCE RD INTERSECTION IMPROVEMENTS SUFFOLK, VA U000-133-R92, UPC# 107267	DATE: 02/23/2018	FIGURE 3
	SCALE: 1 IN = 500 FT	AERIAL PHOTOGRAPH



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Virginia Ecological Services Field Office
6669 Short Lane
Gloucester, VA 23061-4410
Phone: (804) 693-6694 Fax: (804) 693-9032
<http://www.fws.gov/northeast/virginiafield/>

In Reply Refer To:

September 12, 2018

Consultation Code: 05E2VA00-2018-SLI-5384

Event Code: 05E2VA00-2018-E-12357

Project Name: Preden Boulevard/Prudence Road Intersection Improvement Project

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*). Any activity proposed on National Wildlife Refuge lands must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered

species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
 - USFWS National Wildlife Refuges and Fish Hatcheries
-

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Virginia Ecological Services Field Office

6669 Short Lane

Gloucester, VA 23061-4410

(804) 693-6694

Project Summary

Consultation Code: 05E2VA00-2018-SLI-5384

Event Code: 05E2VA00-2018-E-12357

Project Name: Preden Boulevard/Prudence Road Intersection Improvement Project

Project Type: WASTEWATER FACILITY

Project Description: Road widening project

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/36.785181515150754N76.63883729002919W>



Counties: Suffolk, VA

Endangered Species Act Species

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Birds

NAME	STATUS
Red-cockaded Woodpecker <i>Picoides borealis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7614	Endangered

Critical habitats

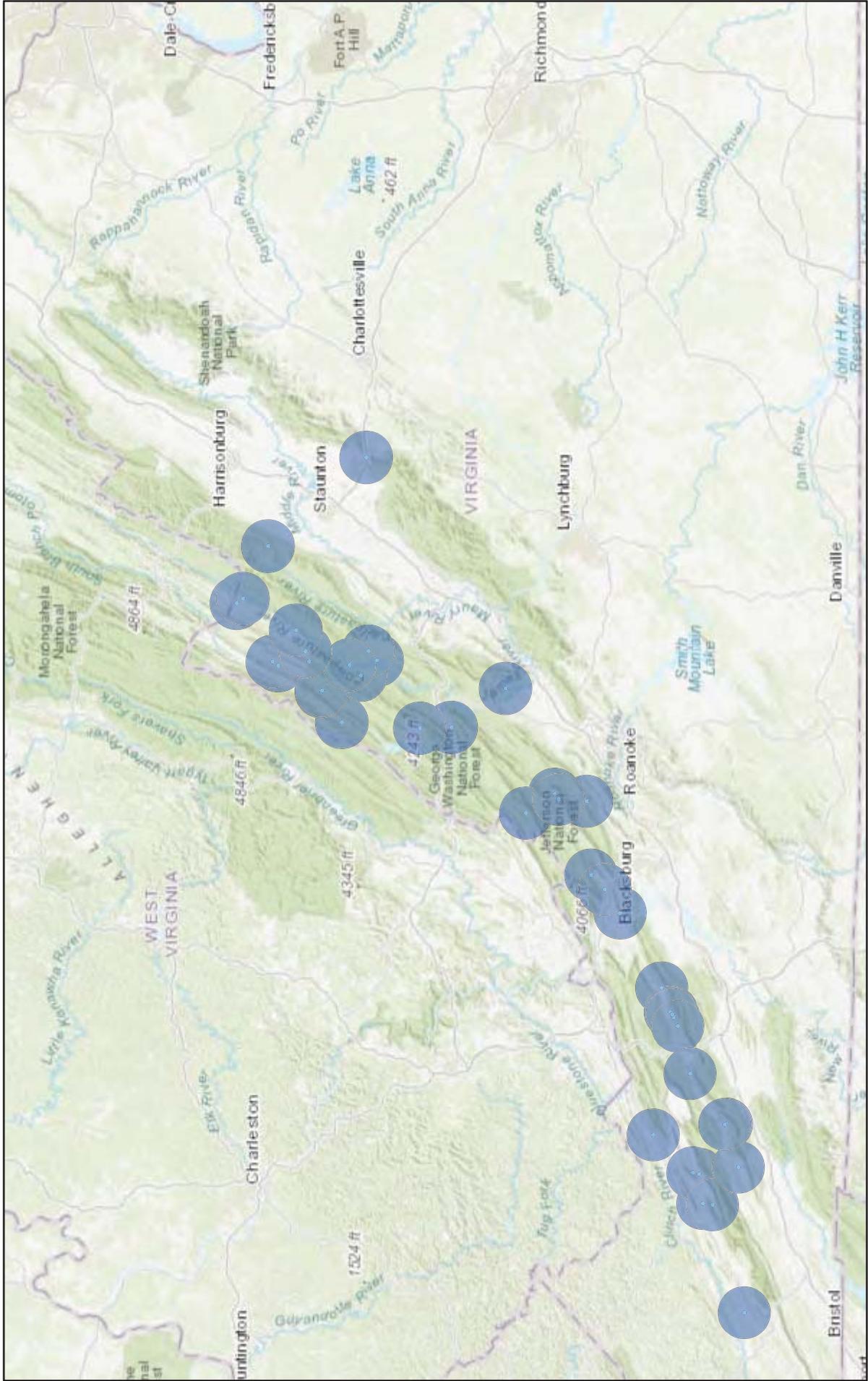
THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

USFWS National Wildlife Refuge Lands And Fish Hatcheries

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

MYLU PESU HABITAT MAP



9/12/2018 3:51:02 PM

1:2,311,162

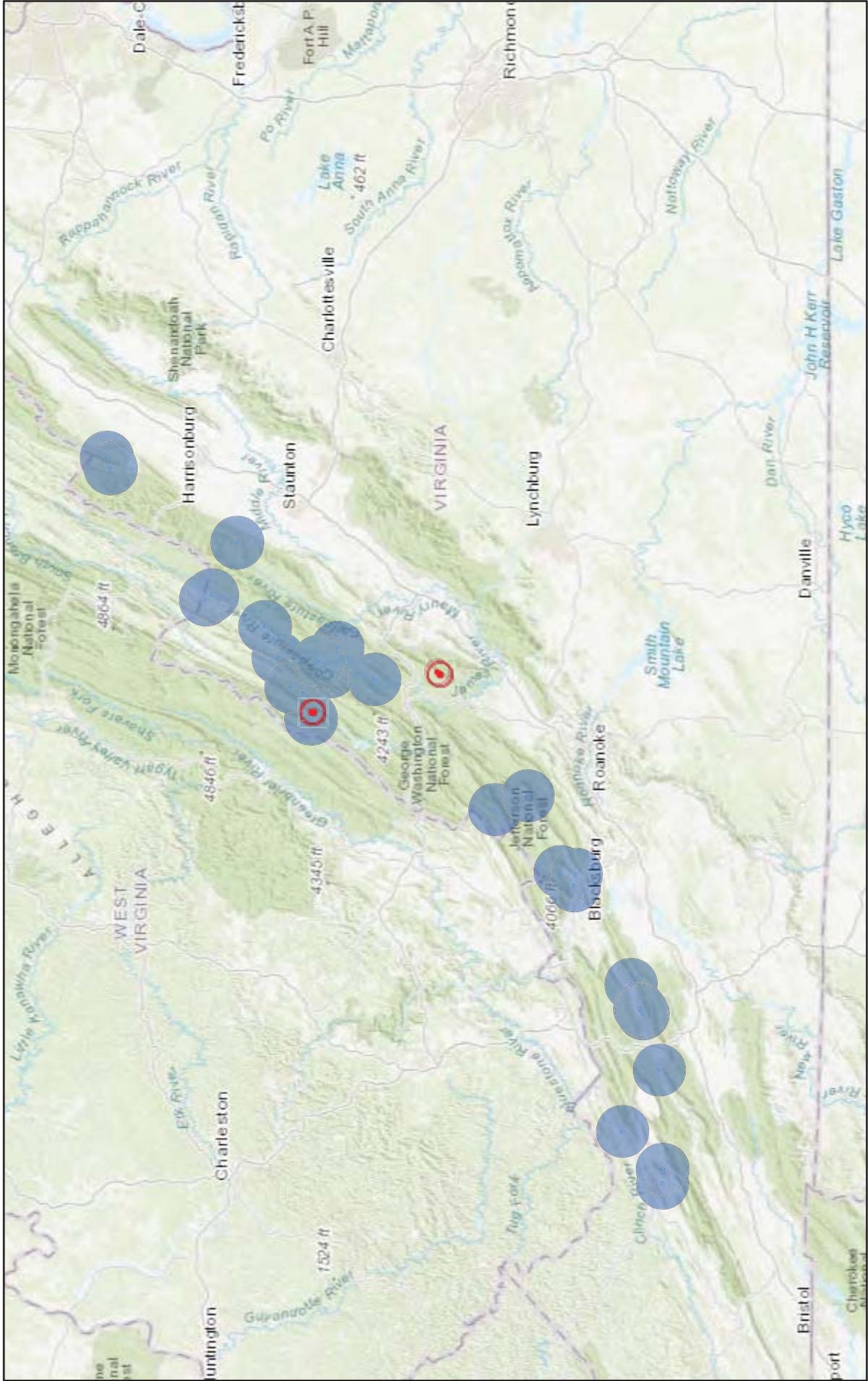


- Tri-colored and Little Brown Hibernaculum Half Mile Buffer
- Tri-colored and Little Brown Hibernaculum 5.5 Mile Buffer

Esri, HERE, Garmin, FAO, USGS, EPA, NPS

Dept. Game and Inland Fisheries
Esri, HERE, Garmin, FAO, USGS, EPA, NPS |

NLEB Locations and Roost Trees



9/12/2018 4:00:10 PM

1:2,311,162



- NLEB Known Occupied Maternity Roost (Summer Habitat)
- NLEB Hibernaculum 5.5 Mile Buffer
- NLEB Hibernaculum Half Mile Buffer

Esri, HERE, Garmin, FAO, USGS, EPA, NPS

VA Dept. Game & Inland Fisheries
Esri, HERE, Garmin, FAO, USGS, EPA, NPS



Colonial Waterbirds 2013

Zoom to Extents

A systematic aerial and ground survey of colonial waterbirds in coastal Virginia during the 2013 breeding season. Nearly 800 surveys were conducted of 496 colonies and 24 species.

More info (<http://www.cbbirds.org/what-we-do/research/species-of-concern/species-of-concern-projects/va-colonial-waterbird-survey/2013-virginia-colonial-waterbird-survey/>)

- Black Skimmer
- Black-crowned Night-Heron
- Brown Pelican
- Caspian Tern
- Cattle Egret
- Common Tern
- Double-crested Cormorant
- Forster's Tern
- Glossy Ibis
- Great Black-backed Gull
- Great Blue Heron
- Great Egret
- Gull-billed Tern
- Herring Gull
- Laughing Gull
- Least Tern
- Little Blue Heron
- Royal Tern
- Sandwich Tern
- Snowy Egret
- Tricolored Heron
- White Ibis
- Yellow-crowned Night-Heron

Colonial Waterbirds 2008

Zoom to Extents

A systematic aerial and ground survey of colonial waterbirds in coastal Virginia during the 2008 breeding season. More than 800 surveys were conducted of 446 colonies and 24 species.

More info (<http://www.cbbirds.org/what-we-do/research/species-of-concern/species-of-concern-projects/va-colonial-waterbird-survey/>)

- Black Skimmer
- Black-crowned Night-Heron
- Brown Pelican
- (<http://www.cartodb.com>)

◦ BALD EAGLE





Caspian Tern
Cattle Egret
Common Tern
Double-crested Cormorant
Forster's Tern
Glossy Ibis
Great Black-backed Gull
Great Blue Heron
Great Egret
Green Heron
Gull-billed Tern
Herring Gull
Laughing Gull
Least Tern
Little Blue Heron
Mixed Herons
Royal Tern
Snowy Egret
Tricolored Heron
White Ibis
Yellow-crowned Night-Heron

Colonial Waterbirds 2003

Zoom to Extents

A systematic aerial and ground survey of colonial waterbirds in coastal Virginia during the 2003 breeding season. Nearly 550 surveys were conducted of 250 colonies and 24 species.

More info (<http://www.ccbirds.org/what-we-do/research/species-of-concern/species-of-concern-projects/va-colonial-waterbird-survey/>)

Black Skimmer

Black-crowned Night-Heron

Brown Pelican

Caspian Tern

Cattle Egret

Common Tern

Double-crested Cormorant

Forster's Tern

Glossy Ibis

Great Black-backed Gull

Great Blue Heron

Great Egret

Gull-billed Tern

Herring Gull

Laughing Gull

Least Tern

Little Blue Heron

Mixed Herons

Royal Tern

Sandwich Tern

Snowy Egret

Tricolored Heron

White Ibis

Yellow-crowned Night-Heron

Osprey

OspreyWatch Nests

Zoom to Extents

OspreyWatch is a global community of observers focused on breeding osprey. Volunteers provide nest locations and activity reports during the breeding season.

More info (<http://www.osprey-watch.org/>)

Chesapeake Bay Osprey Nests 1995-1996

Zoom to Extents

Osprey nests were surveyed by boat in the tidal portions of the Chesapeake Bay during the 1995 and 1996 breeding seasons. The Chesapeake Bay supports one of the largest osprey breeding populations in the world.

More info (<http://www.ccbirds.org/what-we-do/research/species-of-concern/species-of-concern-projects/chesapeake-osprey-survey-1995/>)

Nightjars

Nightjar Survey Network Routes

Zoom to Extents

The U.S. Nightjar Network is a nationwide program where volunteers monitor the abundance and distribution of declining Nightjar species. On scheduled bright moonlit nights, participants conduct 10 roadside counts along a 9-mile route. At each point, the observer counts all Nightjars seen or heard during a 6-minute period.

More info (<http://www.nightjars.org/>)

undefined

Toggle Draw Tools

Generate Link

Print Report

Search

Toggle Legends

VA Eagle Nest Locator

APPENDIX E
HAZARDOUS MATERIALS
EVALUATION



Memorandum

To: City of Suffolk

From: Nicholas Romano
Kimley-Horn and Associates

Date: January 7, 2019

Project: Pruden Boulevard/Prudence Road Intersection Improvement Project
UPC# 107267

Subject: Limited Evaluation for Hazardous Materials

Kimley-Horn and Associates, Inc. (Kimley-Horn) conducted a limited evaluation of the proposed project area for the potential for encountering hazardous materials or petroleum contaminated soil during the construction of the project. Therefore, this evaluation is used to identify properties of concern which may have adversely contaminated soil and groundwater quality in the footprint of the proposed improvements that would require deep excavation for the installation. Deep excavation is defined as soil excavation 3 feet or greater in depth. No deep excavation is proposed for this project. No right of way acquisitions will be taken for this project. This memo identified such properties as sites of concern.

1. Project Corridor Location and Description

The proposed project corridor consists of a portion of Pruden Boulevard and its intersection with Prudence Road in Suffolk, VA. The proposed intersection improvements will extend west from the intersection for approximately 1,500- feet and approximately 1,500-feet east of the intersection. The corridor also extends approximately 1,000-feet, south of the intersection of Prudence Road and Pruden Boulevard, along Prudence Road. Specifically, the proposed project will involve widening Pruden Boulevard to allow for left turn movement onto Prudence Road, to the south, as well as left turn for potential development to the north. The proposed roadway widening will only occur along the south side of Pruden Boulevard. Improvements will also involve the widening of Prudence Road from the existing rural roadway to a three-lane urban roadway at the intersection to allow for one more receiving lane and a left and right lane leaving the school property and surrounding buildings. Proposed improvements consist of converting the existing shoulder section roadways to roadways with curb and gutter, raised median, and proposed concrete sidewalks.

The U.S. Geological Survey (USGS) Windsor, VA 7.5 Minute Quadrangle Topographic Map indicates the elevation of the project corridor is ±75 feet above the National Geodetic Vertical Datum of 1929. The majority of the storm water and surface water run-off from the project corridor appears to flow into roadside ditches located along the project corridor.

The location and extent of the project corridor is shown in Figures 1 and 2 within **Attachment A**.

2. Findings

The limited evaluation consisted of a database review of the Virginia Department of Environmental Quality (VEGIS) database What's in my Backyard (WIMBY) on October 25, 2018 and a site visit on September 24, 2018. The site visit was limited to a review of the project corridor and adjacent properties from public thoroughfares. A summary of the findings from the review is as follows:

- 2.1. Site Review.** Site reconnaissance activities consisted of a visual inspection from the existing right-of-way to identify any objects that have or may have adversely affected the soil and groundwater of the project corridor. Evidence of spills and releases, underground storage tanks (USTs) and aboveground storage tanks (ASTs), and releases from transformers were of particular interest. The proposed project corridor is located within partially developed, rural area of Suffolk, Virginia. The corridor is comprised of residential and educational facilities and surrounded by primarily agricultural uses. The Suffolk College and Career Academy at Pruden and Big City Church are located south of the intersection of Pruden Boulevard and Prudence Road.

- 2.2.** A visual inspection identified aboveground and underground public and private utilities existing along the entire corridor. Overhead utilities exist along the southside of the corridor. Pole-mounted transformers were observed within the project corridor and a majority were labeled with non-PCB (polychlorinated biphenyl) stickers. Electrical transformers manufactured or installed before 1978 may contain PCB dielectric fluid in excess of 50 parts per million. No transformer fluids, oily stains or stressed vegetation were evident on or near the base of these utility poles during the time of the on-site inspection. Based on the overall observed condition of the transformers, these transformers do not currently present an environmental concern to the project corridor. ASTs of unknown size or contents were observed at several residential structures along the northern portion corridor, during the site visit no oily stains or stressed vegetation were observed surrounding the observed tanks. During the site visit residential, commercial and agricultural properties were observed. The Suffolk College and Career Academy at Pruden is a registered tank facility, however no tanks or vent pipes were observed during the site visit. No tanks or vent pipes were observed at the adjacent properties as well.

Site photographs are provided in **Attachment B**.

- 2.3. Major State and Federal Environmental Databases.** VEGIS provided a limited environmental database search of available State and Federal regulatory agency records for the project corridor (**Attachment C**). During this database review one registered tank facility was identified.
 - *4169 Pruden Boulevard, The Pruden Center for Industry and Technology – The former Pruden Center for Industry and Technology is located immediately south and to the east of the project corridor. This site is listed as a Registered Tank Facility (FAC ID 5011289) for two inactive underground storage tanks of unknown size or contents. No violations or petroleum releases have been reported at this facility.*

3. Conclusions and Recommendations

Based on an online database review of VEGIS, no potential sites of concern were identified within the project limits. No dewatering or deep excavation is proposed within the vicinity of the locations identified as potential sites of concern. Therefore, it is not anticipated that contaminated soils or groundwater will be encountered during construction of this project. No right of way acquisitions will be taken for this project. No deep excavation is proposed for this project. However, should deep excavation be desired, specifications should be developed detailing the procedure for identifying and managing contaminated soil generated during construction. If design changes occur, potential impacts should be reevaluated at that time.

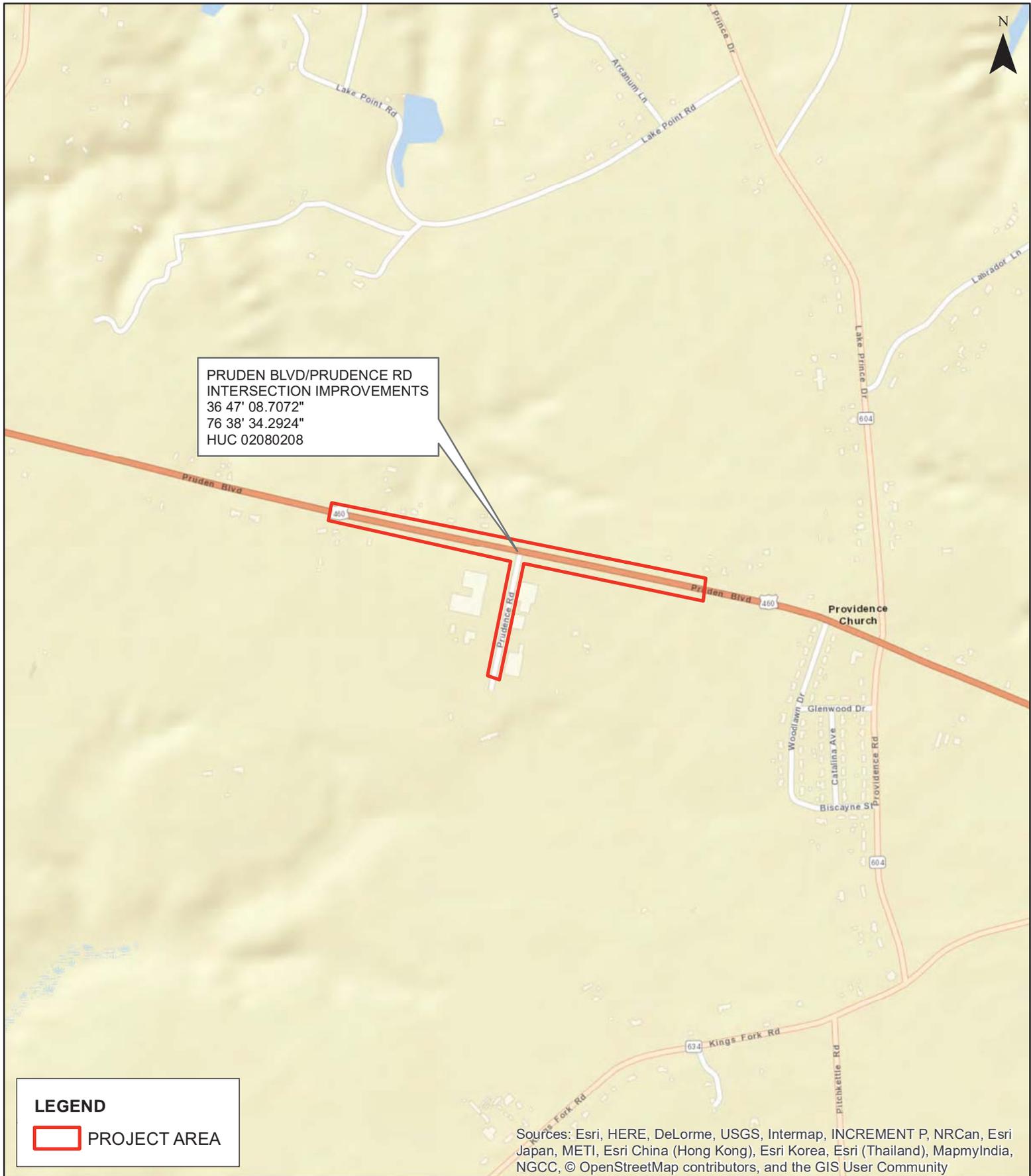
The conclusions and recommendations contained within this report are based on a limited evaluation of the project corridor. Kimley-Horn cannot provide complete assurance that all areas of potential soil and groundwater contamination have been identified.

Attachment A: Figures

Attachment B: Site Photographs

Attachment C: VEGIS Map

ATTACHEMENT A: FIGURES



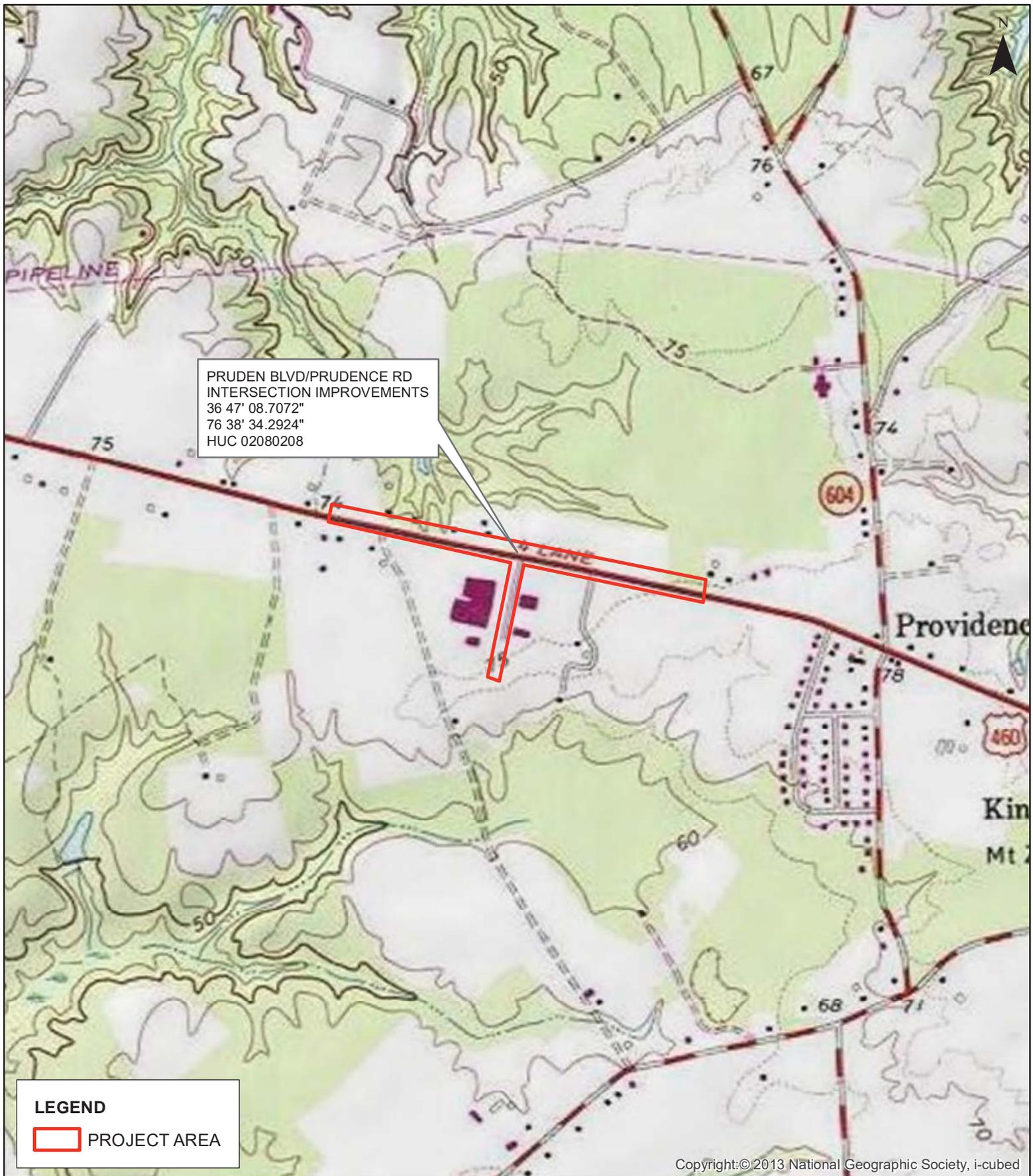
PRUDEN BLVD/PRUDENCE RD
INTERSECTION IMPROVEMENTS
SUFFOLK, VA
U000-133-R92, UPC# 107267

DATE: 02/23/2018

FIGURE 1

SCALE: 1 IN = 1,000 FT

OVERALL VICINITY



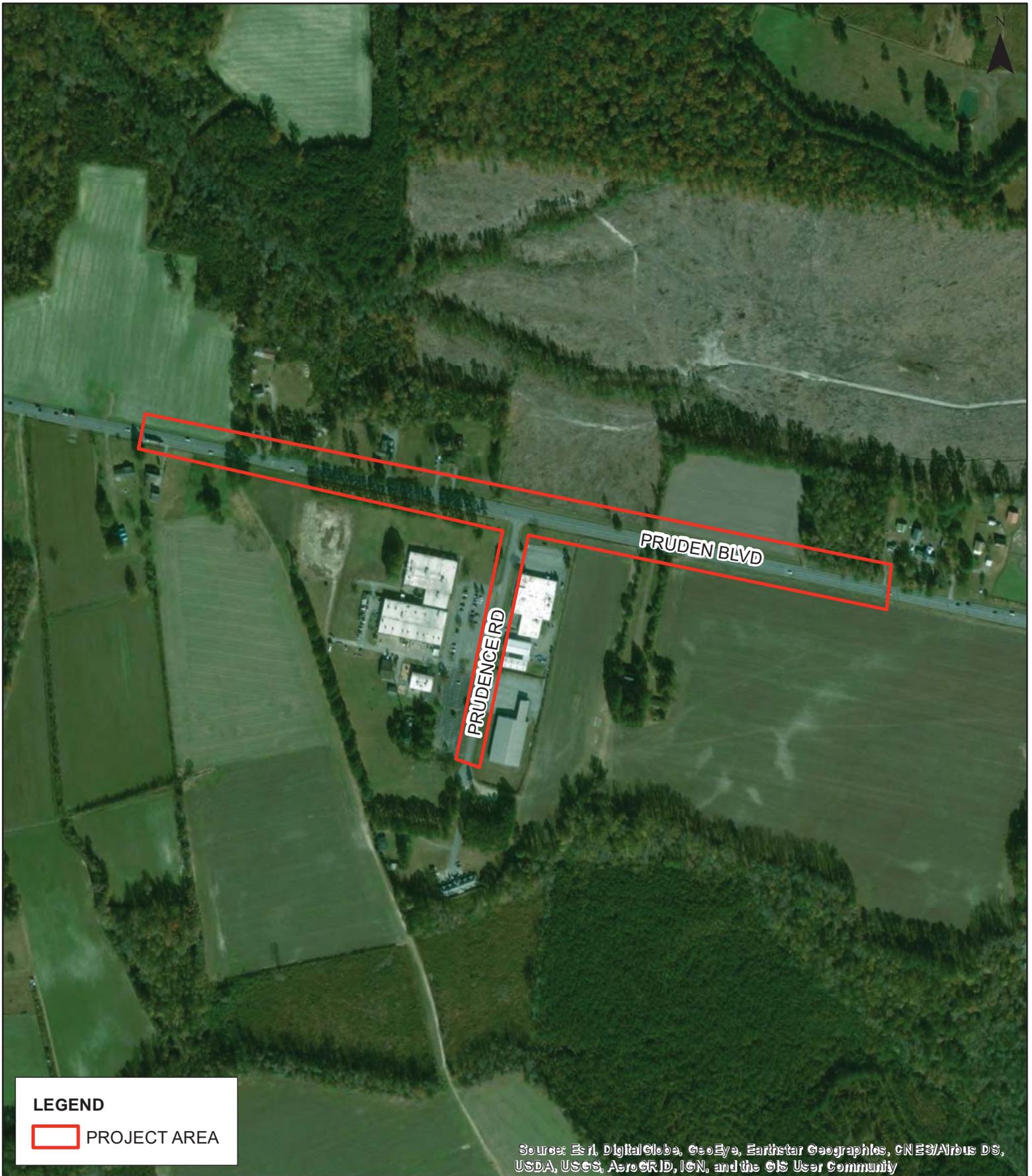
PRUDEN BLVD/PRUDENCE RD
INTERSECTION IMPROVEMENTS
SUFFOLK, VA
U000-133-R92, UPC# 107267

DATE: 02/23/2018

FIGURE 2

SCALE: 1 IN = 1,000 FT

TOPOGRAPHIC VICINITY



LEGEND
 PROJECT AREA

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

<p>PRUDEN BLVD/PRUDENCE RD INTERSECTION IMPROVEMENTS SUFFOLK, VA U000-133-R92, UPC# 107267</p>	<p>DATE: 02/23/2018</p>	<p>FIGURE 3</p>
	<p>SCALE: 1 IN = 500 FT</p>	<p>AERIAL PHOTOGRAPH</p>

ATTACHMENT B: SITE PHOTOGRAPHS

**Pruden Boulevard
Photograph Sheet**

Photo No. 1



Remarks:

Location: Pruden Boulevard
Orientation:

Photo No. 2



Remarks:

Location: Pruden Boulevard
Orientation:

**Pruden Boulevard
Photograph Sheet**

Photo No. 3



Remarks:

Location: Pruden Boulevard

Orientation:

Photo No. 4



Remarks:

Location: Pruden Boulevard

Orientation:

**Pruden Boulevard
Photograph Sheet**

Photo No. 5



Remarks:

Location: Pruden Boulevard

Orientation:

Photo No. 6



Remarks:

Location: Pruden Boulevard

Orientation:

**Pruden Boulevard
Photograph Sheet**

Photo No. 7



Remarks:

Location: Pruden Boulevard

Orientation:

Photo No. 8



Remarks:

Location: Pruden Boulevard

Orientation:

**Pruden Boulevard
Photograph Sheet**

Photo No. 9



Remarks:

Location: Pruden Boulevard

Orientation:

Photo No. 10



Remarks:

Location: Pruden Boulevard

Orientation:

ATTACHMENT C: VEGIS MAP

VADEQ VEGIS Map Export

Legend

- DEQ Offices (2016)
- DEQ Central Office
- 1 South West Regional Office
- 2 Blue Ridge Regional Office
- 3 Northern Regional Office
- 4 Piedmont Regional Office
- 5 Tidewater Regional Office
- 6 Valley Regional Office
- VRP Sites (2015)
- Federal Facilities (2016)
- Petroleum Releases (Daily)
- Registered Tank Facilities (Daily)
- DEQ Regions (2016)



DISCLAIMER: Information contained on this map is to be used for reference purposes only. The VA Dept. of Environmental Quality makes no representation of warranty as to this map's accuracy, and in particular, its accuracy in labeling, dimensions, contours, property boundaries, or placement or location of any map features thereon. No responsibility is assumed for damages or other liabilities due to the accuracy, availability, use or misuse of the information herein provided.



APPENDIX F
WETLANDS REVIEW
EVALUATION



Memorandum

To: City of Suffolk

From: Nicholas Romano
Taylor Beard, CPWD
Kimley-Horn and Associates

Date: November 5, 2018

Project: Pruden Boulevard and Prudence Road Intersection Improvements
UPC# 107267

Subject: Wetlands and Waters Review

Kimley-Horn and Associates, Inc. conducted a limited evaluation of the proposed project corridor for the presence of wetlands and waters.

Project Description – The proposed project would consist of widening Pruden Boulevard (US Route 460) to allow for left turn movement onto Prudence Road to the south, as well as a left turn for potential development to the north. Improvements will also include widening Prudence Road from the existing rural roadway to a three-lane urban roadway to allow for one receiving lane, a left lane and right lane leaving the College and Career Academy at Pruden property and surrounding buildings. Proposed improvements consist of converting the existing shoulder-section roadways to roadways with curb and gutter, raised median and proposed sidewalks along both sides of US Route 460.

Methodologies - The evaluation included a review of background data consisting of topographic and National Wetland Inventory (NWI) mapping, aerial photography, and Natural Resources Conservation Service (NRCS) soil survey data. In addition, a site visit was conducted on September 24, 2018 to review the proposed project corridor for the presence of wetlands and waters.

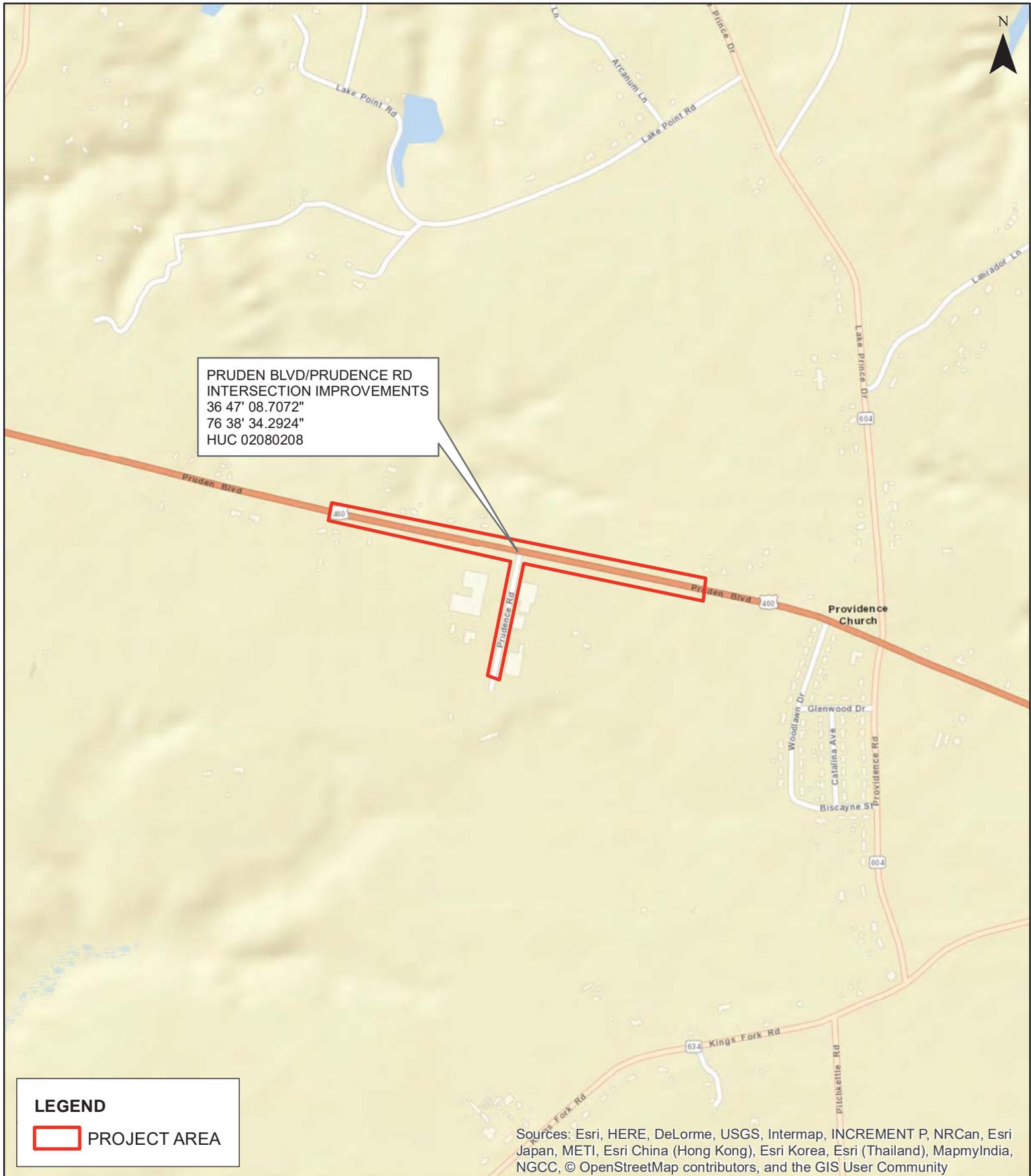
Findings & Recommendations – Based on the limited evaluation, no wetlands, waters of the US (WOUS), or state waters were identified within the proposed project corridor. Therefore, it is anticipated that no wetlands or waters will be impacted by the proposed activities, and permits will not be required from the United

States Army Corps of Engineers, Department of Environmental Quality, and Virginia Marine Resources Commission.

KIMLEY-HORN AND ASSOCIATES, INC.

Nicholas Romano

Nicholas Romano
Environmental Scientist



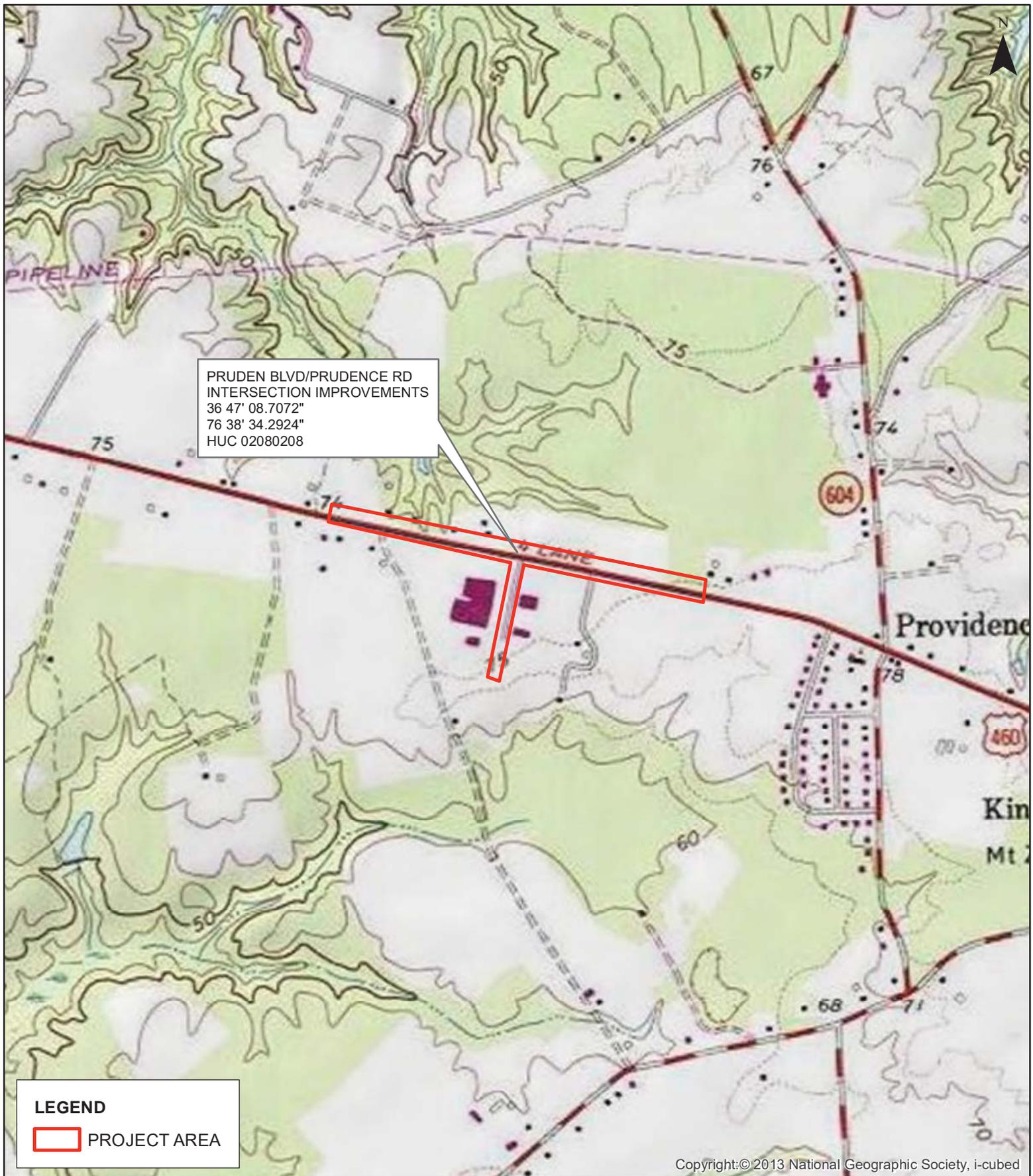
PRUDEN BLVD/PRUDENCE RD
INTERSECTION IMPROVEMENTS
SUFFOLK, VA
U000-133-R92, UPC# 107267

DATE: 02/23/2018

SCALE: 1 IN = 1,000 FT

FIGURE 1

OVERALL VICINITY



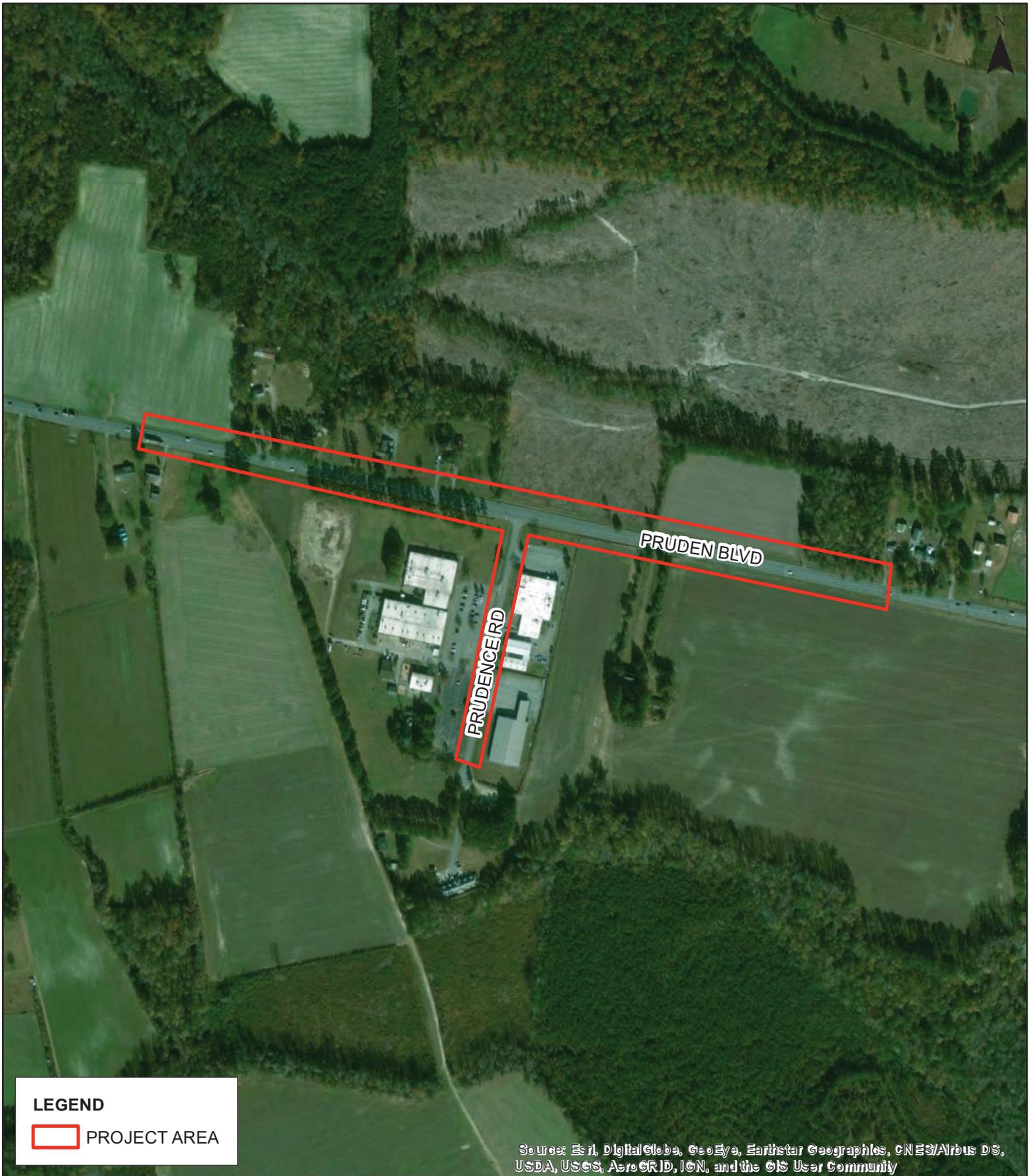
PRUDEN BLVD/PRUDENCE RD
INTERSECTION IMPROVEMENTS
SUFFOLK, VA
U000-133-R92, UPC# 107267

DATE: 02/23/2018

FIGURE 2

SCALE: 1 IN = 1,000 FT

TOPOGRAPHIC VICINITY

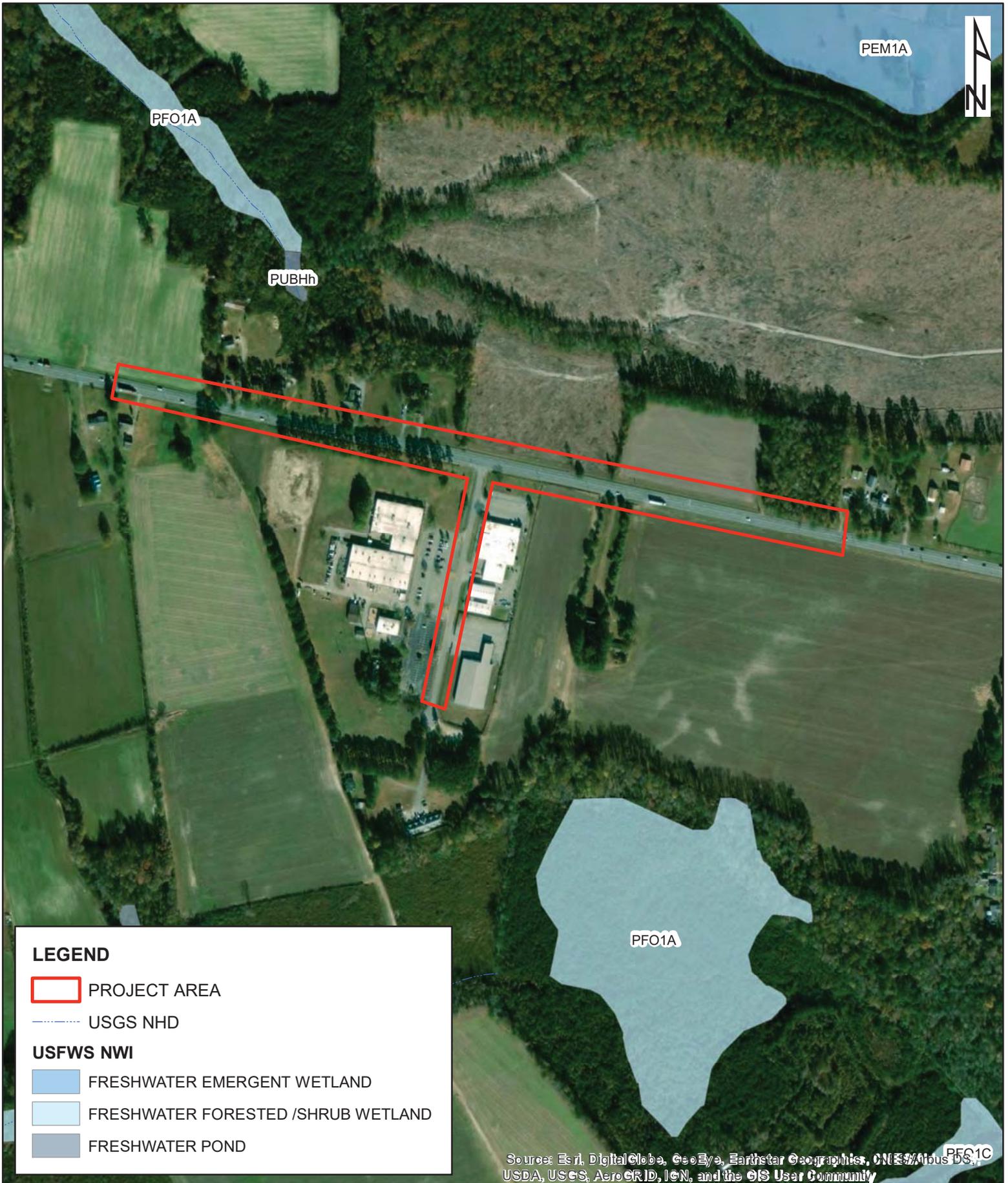


LEGEND

PROJECT AREA

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

<p>PRUDEN BLVD/PRUDENCE RD INTERSECTION IMPROVEMENTS SUFFOLK, VA U000-133-R92, UPC# 107267</p>	<p>DATE: 02/23/2018</p>	<p>FIGURE 3</p>
	<p>SCALE: 1 IN = 500 FT</p>	<p>AERIAL PHOTOGRAPH</p>



LEGEND

- PROJECT AREA
- USGS NHD

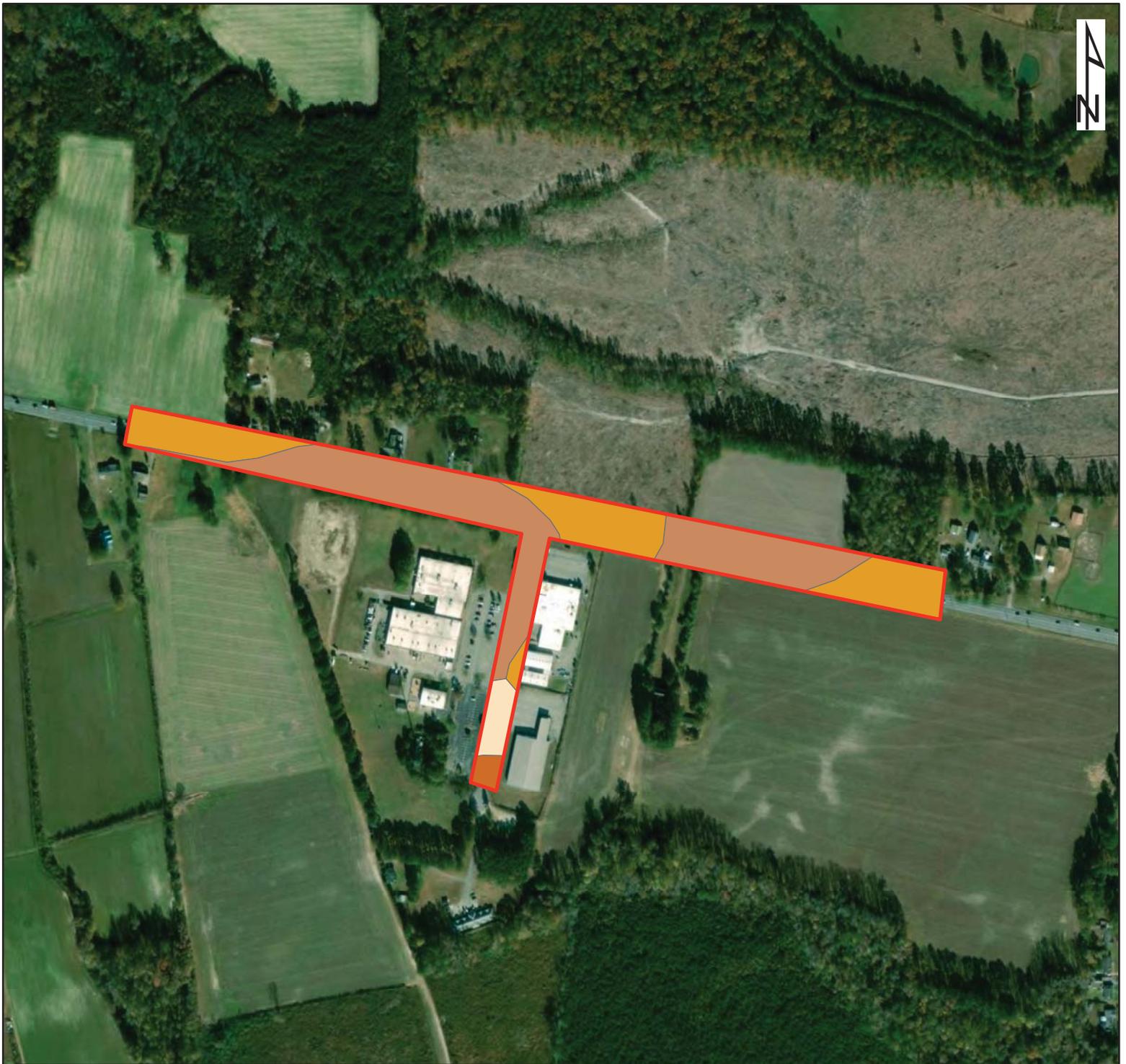
USFWS NWI

- FRESHWATER EMERGENT WETLAND
- FRESHWATER FORESTED /SHRUB WETLAND
- FRESHWATER POND

PROJECT: PRUDEN BLVD/PRUDENCE RD INTERSECTION IMPROVMENTS SUFFOLK, VIRGINIA UPC# 107267	
CREATED BY: N. ROMANO	SCALE: 1 IN = 500 FT
DATE: 10-31-18	KHA PROJECT: 117019043



**FIGURE 4:
NWI &
NHD**



LEGEND

- PROJECT AREA
- 11 - Kenansville loamy sand, 0 to 4 percent slopes
- 14 - Lynchburg fine sandy loam
- 22B - Suffolk loamy sand, 2 to 6 percent slopes
- 9A - Goldsboro fine sandy loam, 0 to 2 percent slopes

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

PROJECT: PRUDEN BLVD/PRUDENCE RD INTERSECTION IMPROVEMENTS
SUFFOLK, VIRGINIA UPC# 107267

CREATED BY: N. ROMANO

SCALE: 1 IN = 500 FT

DATE: 11-5-18

KHA PROJECT: 117019043

**FIGURE 5:
NRCS SOILS**

