

## MINIMUM CRITERIA DETERMINATION CHECKLIST

The following questions provide direction in determining when the Department is required to prepare environmental documents for state-funded construction and maintenance activities. Answer questions for Parts A through C by checking either "Yes" or "No". Complete Part D of the checklist when Minimum Criteria Rule categories #8, 12(i) or #15 are used.

**TIP Project No.:**

**State Project No.:**3.CR.10671.XXX

**Project Location:**NC 24 (W. Corbett Ave.) from Carteret County to SR 1434 (Belgrade-Swansboro Rd.) See attached plan sheet.

**Project Description:** Mill and resurface

**Anticipated Permit or Consultation Requirements:**

**Special Project Information:** This project will not impact any jurisdictional resources and therefore no 404 or 401 permit is needed.

This project drains to SA; HQW and SC classified waterbodies. If necessary, all applicable erosion and sedimentation control BMPs from NCDOT's Roadside Environmental Unit should be utilized.

This project was reviewed by NCDOT's historic architecture and archaeology staff under a programmatic agreement with the State Historic Preservation Office. No surveys were required (see attached clearance documents). Historic architecture has requested that staging of equipment stay outside the historic property boundary for ON812 (National Register Swansboro Historic District). The district is noted as a shaded area in the attached clearance documents.

**Proceed.**

**PART A: MINIMUM CRITERIA**

***Item 1 to be completed by the Engineer.***

1. Is the proposed project listed as a type and class of activity allowed under the Minimum Criteria Rule in which environmental documentation is not required?

YES

NO

If the answer to number 1 is “no”, then the project does not qualify as a minimum criteria project. A state environmental assessment is required.

If yes, under which category? §d §a

If either category #8, #12(i) or #15 is used complete Part D of this checklist.

**PART B: MINIMUM CRITERIA EXCEPTIONS**

***Items 2 – 4 to be completed by the Engineer.***

2. Could the proposed activity cause significant changes in land use concentrations that would be expected to create adverse air quality impacts?
3. Will the proposed activity have secondary impacts or cumulative impacts that may result in a significant adverse impact to human health or the environment?
4. Is the proposed activity of such an unusual nature or does the proposed activity have such widespread implications, that an uncommon concern for its environmental effects has been expressed to the Department?

YES

NO

***Item 5-8 to be completed by Division Environmental Officer.***

5. Does the proposed activity have a significant adverse effect on wetlands; surface waters such as rivers, streams, and estuaries; parklands; prime or unique agricultural lands; or areas of recognized scenic, recreational, archaeological, or historical value?
6. Will the proposed activity endanger the existence of a species on the Department of Interior's threatened and endangered species list?
7. Could the proposed activity cause significant changes in land use concentrations that would be expected to create adverse water quality or ground water impacts?

- |   | YES                      | NO                                  |
|---|--------------------------|-------------------------------------|
| 8. Is the proposed activity expected to have a significant adverse effect on long-term recreational benefits or shellfish, finfish, wildlife, or their natural habitats | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If any questions 2 through 8 are answered “yes”, the proposed project may not qualify as a Minimum Criteria project. A state environmental assessment (EA) may be required. For assistance, contact:

Manager, Project Development and Environmental Analysis Branch  
P. O. Box 25201  
Raleigh, NC 27611  
(919) 733 –3141  
Fax: (919) 733-9794

**PART C: COMPLIANCE WITH STATE AND FEDERAL REGULATIONS**

- | <i>Items 9- 12 to be completed by Division Environmental Officer.</i>  | YES                      | NO                                  |
|--|--------------------------|-------------------------------------|
| 9. Is a federally protected threatened or endangered species, or its habitat, likely to be impacted by the proposed action?  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 10. Does the action require the placement of temporary or permanent fill in waters of the United States?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 11. Does the project require the placement of a significant amount of fill in high quality or relatively rare wetland ecosystems, such as mountain bogs or pine savannahs? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 12. Is the proposed action located in an Area of Environmental Concern, as defined in the coastal Area Management Act?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

- | <i>Items 13 – 15 to be completed by the Engineer.</i>              |                          |                                     |
|--|--------------------------|-------------------------------------|
| 13. Does the project require stream relocation or channel changes? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Cultural Resources

- |   |                          |                                     |
|---|--------------------------|-------------------------------------|
| 14. Will the project have an “effect” on a property or site listed on the National Register of Historic Places?                 | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 15. Will the proposed action require acquisition of additional right of way from publicly owned parkland or recreational areas? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Questions in Part “C” are designed to assist the Engineer and the Division Environmental Officer in determining whether a permit or consultation with a state or federal resource agency may be required. If any questions in Part “C” are answered “yes”, follow the appropriate permitting procedures prior to beginning project construction.

**PART D:( To be completed when either category #8, 12(i) or #15 of the rules are used.)**

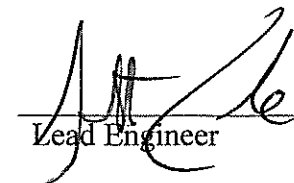
*Items 16- 22 to be completed by Division Environmental Officer.*

16. Project length: 6.2 Miles
17. Right of Way width: \_\_\_\_\_
18. Project completion date: \_\_\_\_\_
19. Total acres of newly disturbed ground surface: 0
20. Total acres of wetland impacts: 0
21. Total linear feet of stream impacts: 0
22. Project purpose: Mill and Resurface

If Part D of the checklist is completed, send a copy of the entire checklist document to:

Don G. Lee  
State Roadside Environmental Engineer  
Mail Service Center 1557  
Raleigh, NC 27699-1557  
(919) 733-2920  
Fax (919) 733-9810  
Email: dlee@dot.state.nc.us

Reviewed by:

  
\_\_\_\_\_  
Lead Engineer

Date:

4/21/15

  
\_\_\_\_\_  
Division Environmental Officer

Date:

7/1/2015



15-06-0004



## HISTORIC ARCHITECTURE AND LANDSCAPES NO SURVEY REQUIRED FORM

This form only pertains to Historic Architecture and Landscapes for this project. It is not valid for Archaeological Resources. You must consult separately with the Archaeology Group.

### PROJECT INFORMATION

|                           |   |                        |  |
|---------------------------|---|------------------------|--|
| <b>Project No:</b>        | 3CR.PE  | <b>County:</b>         | Onslow   |
| <b>WBS No.:</b>           | 3CR.PE  | <b>Document Type:</b>  | MCDC   |
| <b>Fed. Aid No:</b>       |   | <b>Funding:</b>        | <input checked="" type="checkbox"/> State <input type="checkbox"/> Federal |
| <b>Federal Permit(s):</b> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | <b>Permit Type(s):</b> |  |

**Project Description:**

This project will resurface NC 24 (W. Corbett Ave.) in Onslow County from the Carteret County line to SR 1434 (Belgrade-Swansboro Rd.) Specifically, 1.5 inches of asphalt will be milled and 1.5 inches will be added. Since the existing road elevation won't change, there will not be any shoulder reconstruction. There will be no widening or moving of existing ditches. Project length is 3.4 miles. No new right-of-way will be acquired.

### SUMMARY OF HISTORIC ARCHITECTURE AND LANDSCAPES REVIEW

**Description of review activities, results, and conclusions:**

Review of HPO quad maps, HPOweb GIS mapping, historic designations roster, and indexes was conducted on 6/15/15. Based on this review, there are no existing NR, SL, DE, or LL properties in the Area of Potential Effects (APE). There is one NR property close to the APE, the Swansboro Historic District (ON812) but the historic boundary line for the district does not touch or intersect with NC 24 according to NC HPOweb. There are two SS (surveyed sites) properties within the APE, the Littleton House (ON887) and the Bloodgood-Moore House (ON824). Because of the scope of the project is so minimal these sites should not be affected by project activities. According to Onslow tax records and GIS imagery there are no other properties within the APE over the age of fifty years of age that have the potential for eligibility to the National Register of Historic Places (NRHP).

Therefore, without the potential for any historic resources in the APE and a project scope that will not affect any resources, a survey will not be required for this project.



Why the available information provides a reliable basis for reasonably predicting that there are no unidentified significant historic architectural or landscape resources in the project area:

HPO quad maps, HPOweb GIS mapping, Google Street View, Google maps and Onslow County property records are considered valid tools for the purposes of determining the likelihood of historic resources being present. A survey is not required for this project.

**SUPPORT DOCUMENTATION**

Map(s)     Previous Survey Info.     Photos     Correspondence     Design Plans

**FINDING BY NCDOT ARCHITECTURAL HISTORIAN**

Historic Architecture and Landscapes -- NO SURVEY REQUIRED

*Megan Pruiett*

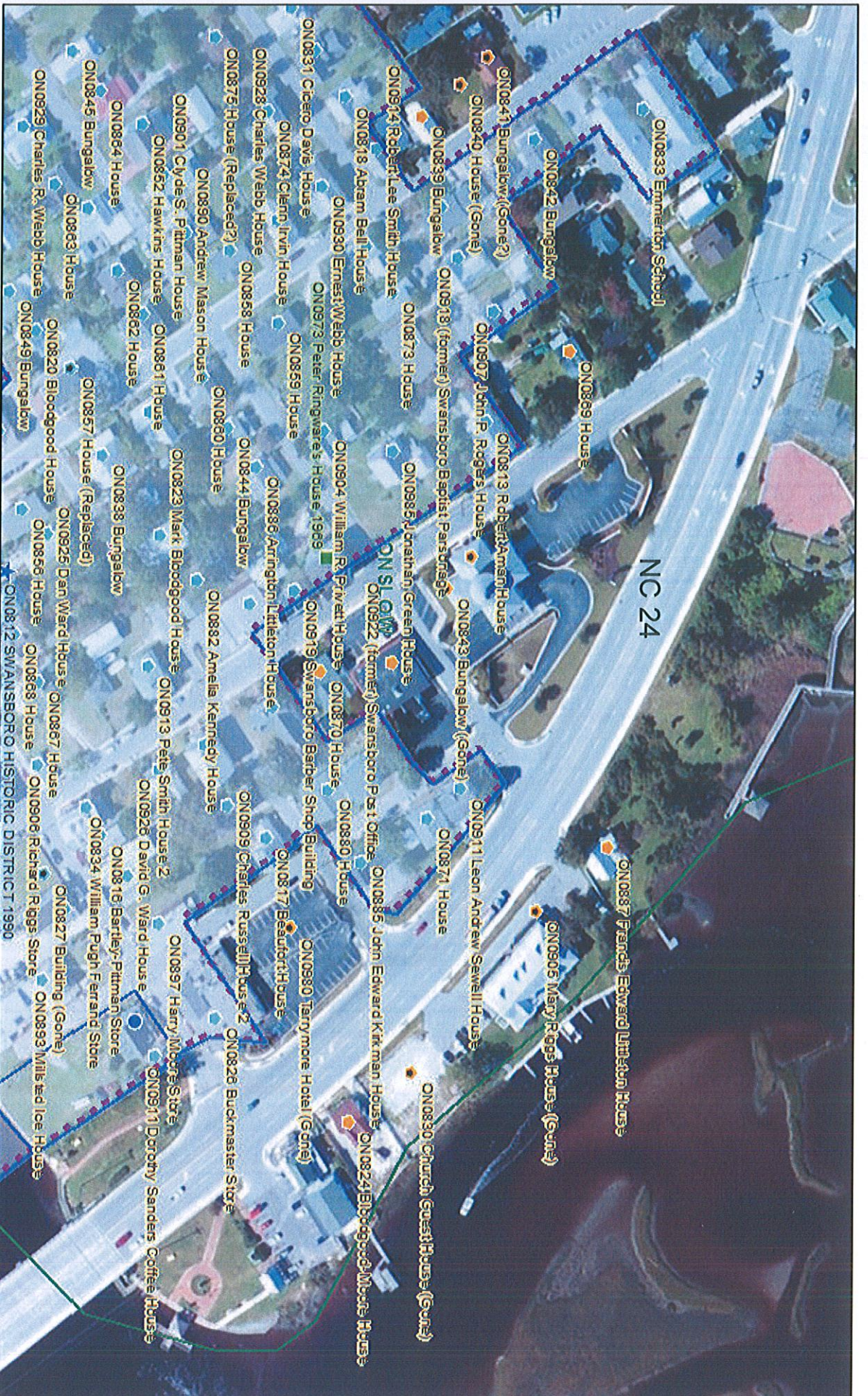
*6/16/15*

NCDOT Architectural Historian

Date



# HPoweb, Onslow County



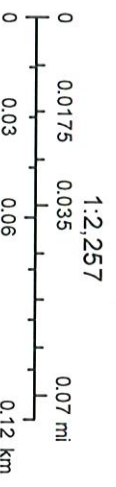
June 16, 2015

## NR Points

- NR Individual Listing
- NR Listing, Gone

## NR Boundaries

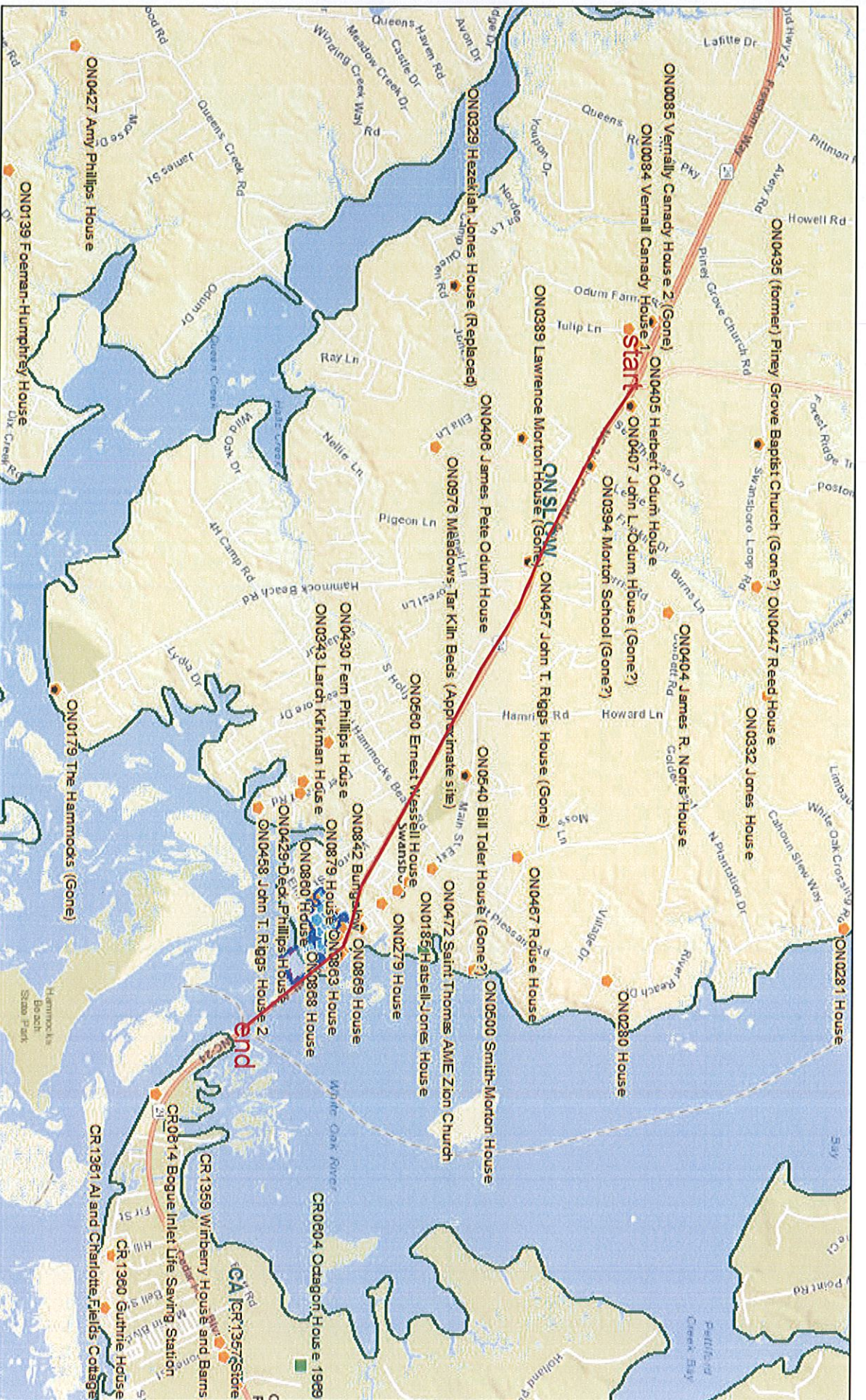
- ★ NRHD Center Point
- Boundary of Destroyed/Removed NR Listing
- National Register Boundary



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Geomatics, Aergrid, IGN, IGP, swisstopo, and



# Onslow County - NC 24 Resurfacing Vicinity Map



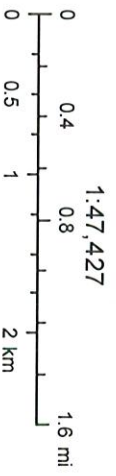
May 21, 2015

## NR Points

- NR Individual Listing
- NR Listing, Gone

## NR Boundaries

- ★ NRHD Center Point
- Boundary of Destroyed/Removed NR Listing
- National Register Boundary



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand),



15-06-0004



## NO ARCHAEOLOGICAL SURVEY REQUIRED FORM

This form only pertains to ARCHAEOLOGICAL RESOURCES for this project. It is not valid for Historic Architecture and Landscapes. You must consult separately with the Historic Architecture and Landscapes Group.



### PROJECT INFORMATION

Project No: NC24 County: Onslow  
 WBS No: 3CR.PE Document: MCS  
 F.A. No: Funding:  State  Federal

Federal Permit Required?  Yes  No Permit Type:

*Project Description: The project propose to resurface NC24 (W. Corbett Ave.) in Onslow County from the Carteret County line to SR1434 (Belgrade-Swansboro Rd.). Specifically, 1.5 inches of asphalt will be milled and 1.5 inches will be added. Since the existing road elevation will not change there will be no shoulder reconstruction nor widening or moving of existing ditches. The archaeological Area of Potential Effects (APE) measures 0.34 miles in length and 50ft in width (existing right-of-way).*

### SUMMARY OF CULTURAL RESOURCES REVIEW

#### **Brief description of review activities, results of review, and conclusions:**

Initially, permitting and funding information was reviewed for determining the level of archaeological input required by state and federal laws. Based on the submitted "request for cultural resources review" form, the project is entirely state-funded with absolutely no federal permit interaction. As such, Section 106 of the National Historic Preservation Act will not apply. Next, construction design and other data was examined (when applicable) to define the character and extent of potential impacts to the ground surfaces embracing the NC24 project locale. Once an APE was outlined, a map review and site file search was conducted at the Office of State Archaeology (OSA). Two previously documented archaeological sites (31ON81 and 31ON56) are located within or directly adjacent to the APE at the very eastern project terminus in the vicinity of Bridge 30.

The location of sites 31ON81 and 31ON56 were revisited as a constituent of the survey work for Bridge 30 in July 2014. The entire area encompassing the location of the sites is positioned within a portion of a small park situated on both eastern and western sides of NC24, and connected by a gangway beneath the bridge structure. The potential impact area is bordered by NC24 to the east, landscaped, distinguished by grassy lawn cover, small ornamental bushes and trees, a brick walkway, picnic tables, below-ground sewage/water lines, and an above-ground utility pole, not to mention three historic sign markers. The southern periphery is marked by a failing wooden seawall, the wooden connector walkway, and ultimately, the White Oak River. A total of three shovel test pits were excavated which confirmed a high level of disturbance and impact. The previously documented archaeological sites could be relocated.

Historic structure locations often harbor archaeological deposits and features related to the former occupation of a property. An inspection of National Register of Historic Places (NRHP), State Study Listed (SL), Locally Designated (LD), Determined Eligible (DE), and Surveyed Site (SS) properties employing the NCSHPO website evidenced an absence of these historic resources within the immediate project area. In addition, historic maps of Onslow County were appraised to further identify former structure locations, land use patterns, or other confirmation of historic occupation in the project vicinity. Archaeological/historical reference materials were inspected as well. In general, the cultural background review established that no NRHP listed properties, previously recorded archaeological sites, or cemeteries are located within the APE or directly proximal. Based on cultural-historical factors, the APE is considered to have a moderate potential for the documentation of archaeological resources.

Further, topographic, geologic, and NRCS soil survey maps were referenced to evaluate pedological, geomorphological, hydrological, and other environmental determinants that may have resulted in past occupation at this location. Aerial and on-ground photographs (NCDOT Spatial Data Viewer) and the Google Street View map application (when amenable) were also examined/ utilized for additional assessment of disturbances, both natural and human induced, which compromise the integrity of archaeological sites. Environmental and disturbance factors do not suggest an elevated archaeological site potential for the APE.

**Brief Explanation of why the available information provides a reliable basis for reasonably predicting that there are no unidentified historic properties in the APE:**

No documented cultural resources are contained within the current APE limits for the NC24 improvement project in Onslow County, North Carolina. Two archaeological sites mapped in proximity to the APE were previously investigated by the NCDOT and were found to be destroyed or unidentifiable within the project boundaries. The project constitutes a state-funded effort. Predicated on soil & topographic data and aerial & ground imagery, impacted right-of-way ground surfaces dominate the APE. Significant, intact archaeological deposits or features are very unlikely to be contained in the relatively compact existing right-of-way. No further consultation is advocated. A finding of "no archaeological survey required" is considered appropriate.

**SUPPORT DOCUMENTATION**

See attached:  Map(s)     Previous Survey Info     Photos     Correspondence  
 Photocopy of County Survey Notes    Other:

**FINDING BY NCDOT ARCHAEOLOGIST**

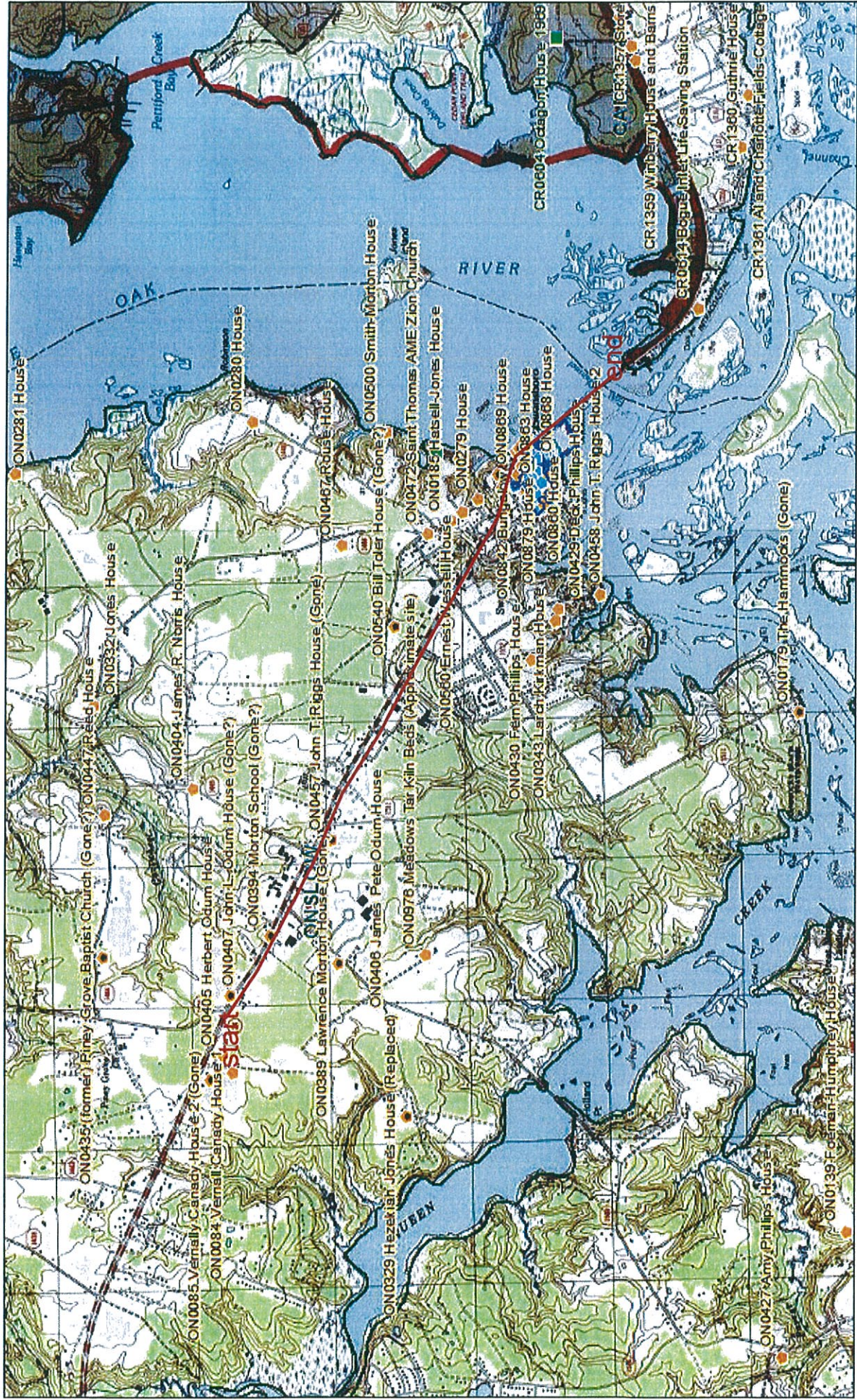
NO ARCHAEOLOGY SURVEY REQUIRED

*Groff Eric Halverson*

*6/10/2015*



# Onslow County - NC 24 Resurfacing Topo Map



May 21, 2015

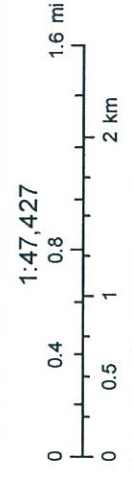
NR Points

- NR Individual Listing
- NR Listing, Gone

★ NRHD Center Point

- NR Boundaries
- National Register Boundary

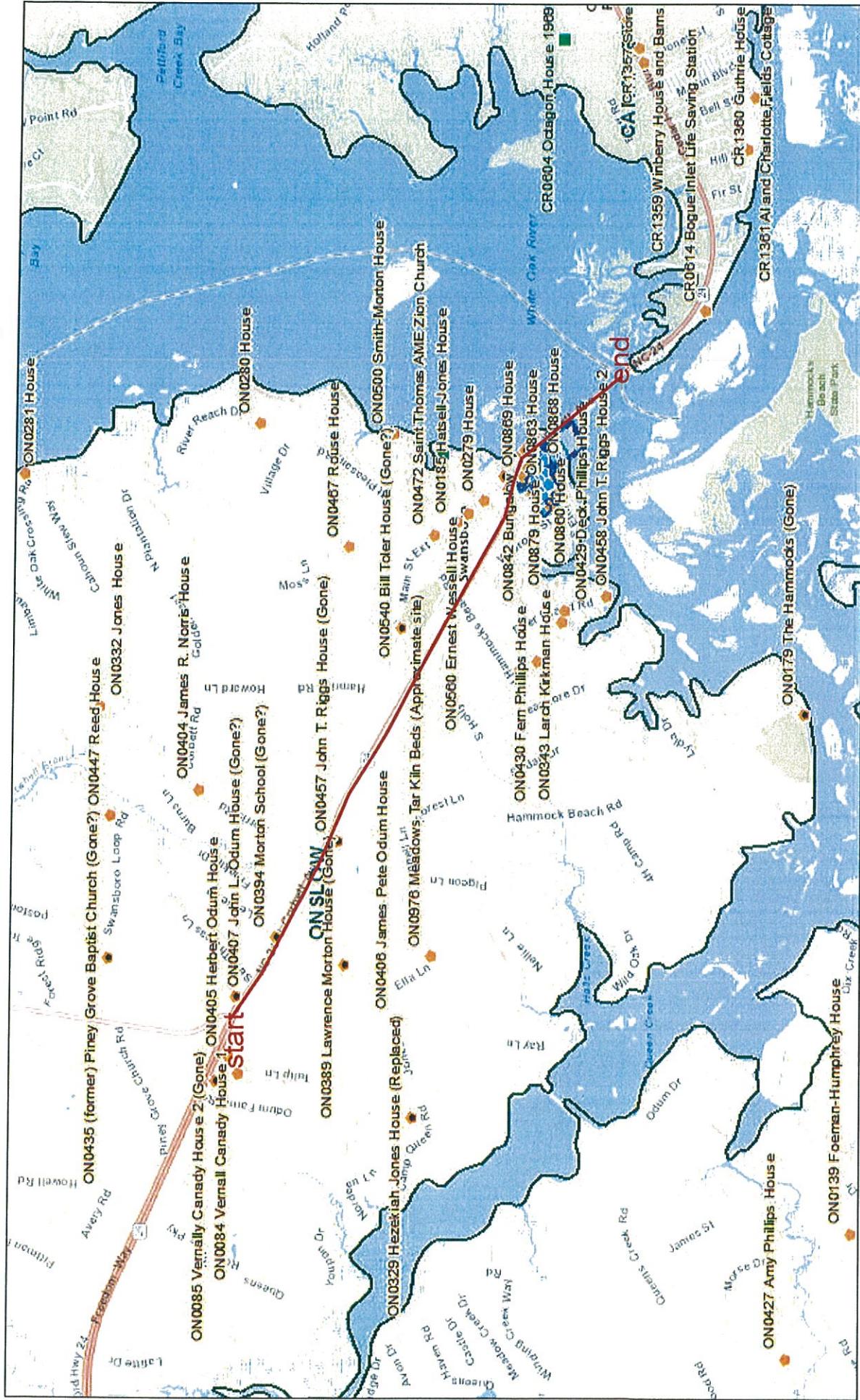
□ Boundary of Destroyed/Removed NR Listing



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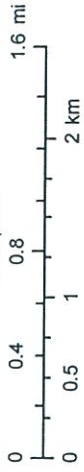


# Onslow County - NC 24 Resurfacing Vicinity Map



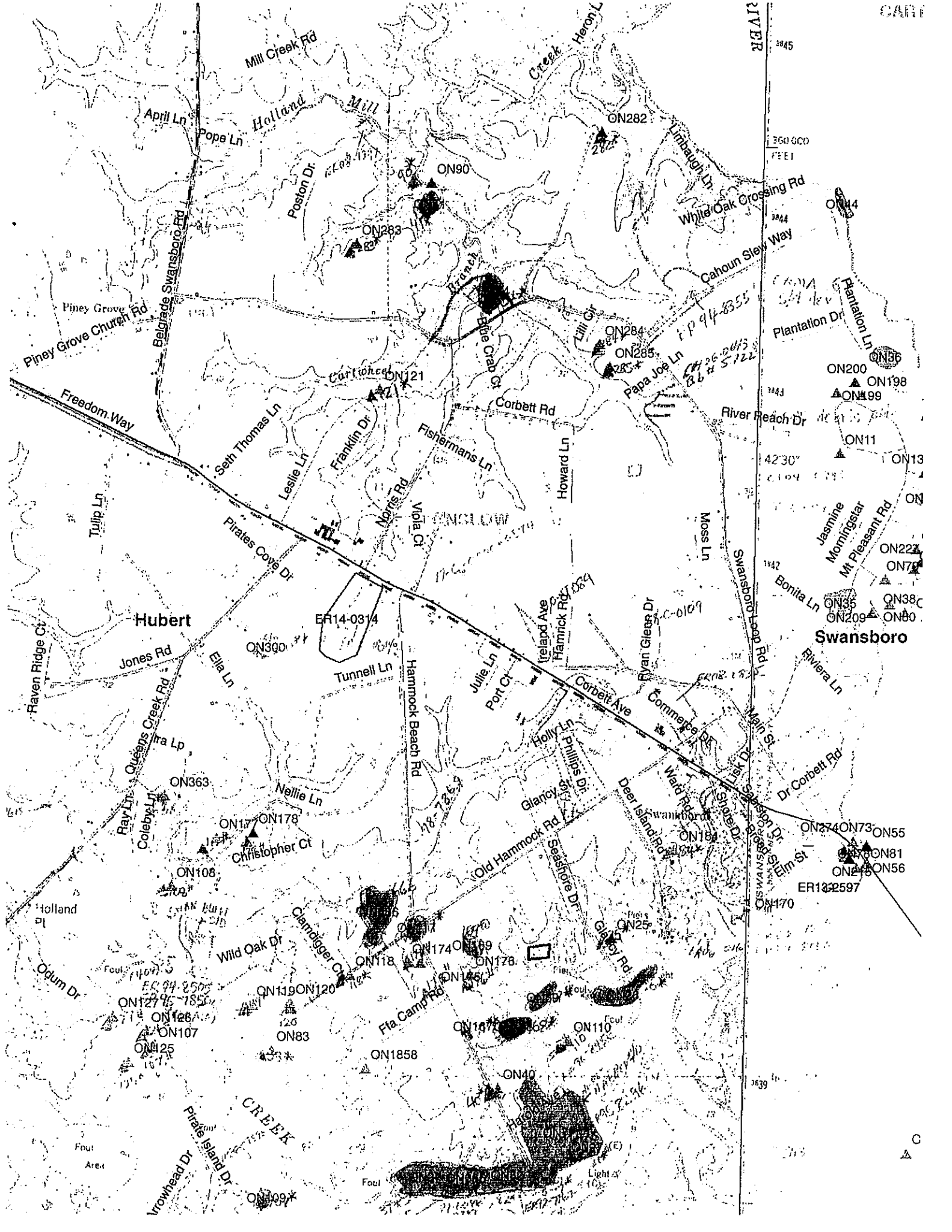
May 21, 2015

1:47,427



- ★ NRHD Center Point
- NR Individual Listing
- NR Listing, Gone
- Boundary of Destroyed/Removed NR Listing
- NR Boundaries
- National Register Boundary

Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand).



260 000  
FEET

RIVER

3845

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42'30"

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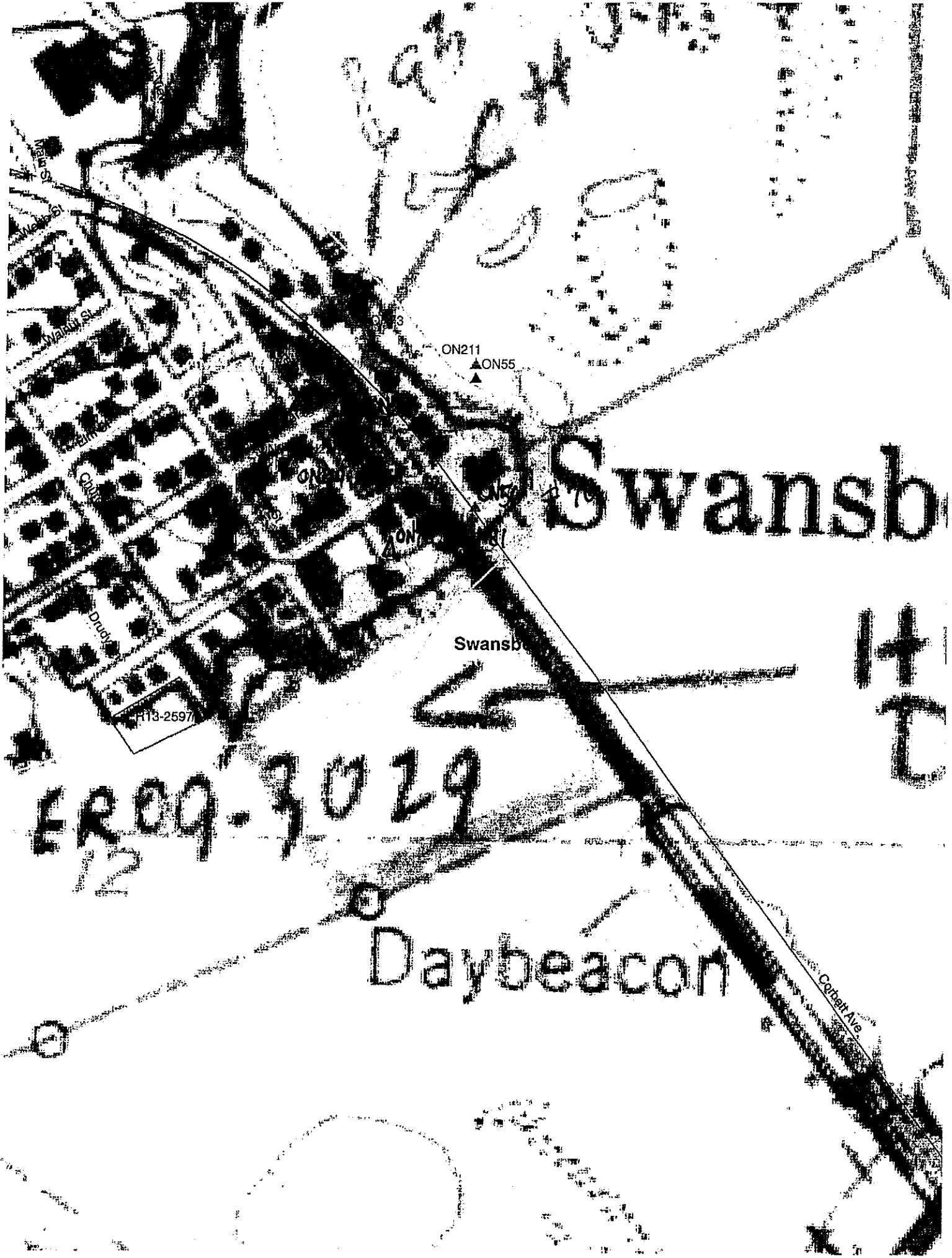
3826

3825

3824

3823





Swansboro

Swansboro

Daybeacon

Corbett Ave

ON211  
▲ON55

ON182

ON181

113-2597

ER 09-7029

12

|   |
|---|
| <b>REQUEST FOR CULTURAL<br/>RESOURCES REVIEW FORM</b> |
|---|

15-06-0004

MEMORANDUM TO: Drew Joyner, Human Environment Section  
1598 Mail Service Center, Raleigh, NC 27699-1598  
Send Electronic Submittals to: [PAtracker@ncdot.gov](mailto:PAtracker@ncdot.gov)

ATTENTION: Matt Wilkerson, Archaeology Supervisor  
Mary Pope Furr, Historic Architecture & Landscapes

FROM: ANNELIESE WESTPHAL  
ENVIRONMENTAL SPECIALIST – DIVISION 3

DATE: May 21, 2015



## PROJECT INFORMATION

|                        |                      |                          |  |
|------------------------|----------------------|--------------------------|--|
| <i>Project No:</i>     | 3CR.PE               | <i>County:</i>           | Onslow County  |
| <i>WBS No**:</i>       | 3CR.PE               | <i>Document Type:</i>    | MCDC (checklist)   |
| <i>Fed. Aid No:</i>    |                      | <i>Funding:</i>          | <input checked="" type="checkbox"/> State <input type="checkbox"/> Federal |
| <i>USGS Quad Name:</i> | Hubert and Swansboro | <i>Project Schedule:</i> | Let in July or August 2015   |

**Project Description:**

This project will resurface NC 24 (W. Corbett Ave) in Onslow County from the Carteret County line to SR 1434 (Belgrade-Swansboro Rd). Specifically, 1.5 inches of asphalt will be milled and 1.5 inches will be added. Since the existing road elevation won't change, there will not be any shoulder reconstruction. There will be no widening or moving of existing ditches.

This CR review request is due to the presence of site ON0812 which appears to abut the roadway in at least two places.

\*\* Work cannot begin until a charge number is provided that can be billed to by staff in the Human Environment Section.

## DESIGN INFORMATION

|                                  |                                    |                              |  |
|----------------------------------|------------------------------------|------------------------------|--|
| <i>Project Length:</i>           | 3.4 miles                          | <i>Detour Route:</i>         | N/A  |
| <i>Existing ROW:</i>             | Unknown, but no new ROW is needed. | <i>Proposed ROW:</i>         | N/A  |
| <i>Existing X-section:</i>       | unknown                            | <i>Proposed X-section:</i>   | will not change since amount of milling will equal amount of surface |
| <i>Structure to be Replaced:</i> | N/A                                | <i>Structure Build Date:</i> |  |

**Additional Design Information:**