

**DELAWARE DEPARTMENT OF TRANSPORTATION  
INTERSECTION IMPROVEMENTS  
CEDAR NECK ROAD  
STATE ROUTE 1 AND STATE ROUTE 30  
CEDAR CREEK HUNDRED, SUSSEX COUNTY  
DELAWARE**

**PHASE I ARCHAEOLOGICAL RESOURCE SURVEY**

**PARENT AGREEMENT 1415, TASK 7**

*Prepared for:*

**Delaware Department of Transportation  
P.O. Box 778  
Dover, Delaware 19903**

*Prepared by:*

**Ian Burrow, PhD., RPA  
William Liebeknecht, MA  
Cheryl Hendry, MA**

**SEPTEMBER 2009 [REVISED OCTOBER 2010]**



## ABSTRACT

---

---

A Phase I archaeological cultural resources survey was undertaken at the intersection of State Route 1, Cedar Neck Road and State Route 30, southeast of Milford, Sussex County, Delaware, in order to establish the presence or absence of archaeological resources that meet, or have the potential to meet, the threshold of eligibility for the National Register of Historic Places. The work was undertaken for the Delaware Department of Transportation in anticipation of Section 106 requirements under the National Historic Preservation Act of 1966.

Three areas were examined: Area 1 (Intersection of SR 30/Cedar Creek Road and State Route 206/Wilkins Road) Area 2 (Proposed Ramps A and B Connecting State Route 1 and State Route 30/Cedar Creek Road) and Area 3 (Proposed Overpass and Ramps C & D Connecting State Route 1 and State Route 206/Cedar Neck Road).

Background and contextual research suggested that there was a fairly low probability of recovering archaeological evidence of substantial past human activity over most of the surveyed area. However, proposed Ramps A and B, connecting State Route 30 and State Route 1 south of Cedar Neck Road, cross an area where a house property is shown on the Beers map published in 1868. The property was at that time owned by W. Shockley, a member of a locally prominent family whose 18th-century members included a prominent Loyalist.

Field methods comprised shovel testing, and, in the areas of proposed Ramps A and B, surface collection survey.

Two of the three surveyed areas (Area 1: Intersection of State Route 30/Cedar Creek Road and State Route 206/Wilkins Road, and Area 3: Proposed Overpass and Ramps C and D Connecting State Route 1 and State Route 206/Cedar Neck Road) are not considered to merit further investigation because of the absence of artifacts and historical data, and indications of recent disturbance.

Further work, to the Phase II (evaluation of significance) level, is however considered to be required in the third area (Area 2: Proposed Ramps A and B Connecting State Route 1 and State Route 30/Cedar Creek Road), designated CRS 10315, Site number 7S-C-100. Artifacts, soils and topographic features combine to indicate that there are potentially significant archaeological cultural resources on the western half of this proposed ramp corridor. In particular, a small but distinctive collection of 18th-century material was recovered here. Also recovered from the same general area was a lithic prehistoric assemblage. This comprises less than a dozen items, but includes thermally altered rock and a probable Woodland I projectile point of broadspear affinity. This lithic scatter is probably associated with the south-flowing relict stream visible on the project aerial photographs.

Recommended Phase II investigations comprise supplementary historical research and additional field investigations. The latter is a combination of excavation units and machine removal of plowzone to further investigate site integrity and eligibility.



# TABLE OF CONTENTS

---

---

	<i>page</i>
Abstract.....	i
Table of Contents.....	iii
List of Figures.....	v
List of Plates.....	vii
List of Tables.....	ix
Acknowledgements.....	xi
1. Introduction	
A. Understanding the Project.....	1-1
B. Work Plan.....	1-1
C. Previous Research and Principal Sources of Information.....	1-4
2. Geographical Setting and Environment.....	2-1
3. Prehistoric Background	
A. Introduction.....	3-1
B. Paleoenvironment.....	3-1
C. An Outline of Delmarva Penninsula Prehistory.....	3-2
D. Prehistoric Overview of Cedar Creek Vicinity.....	3-7
4. Historical Background	
A. Regional Historic Overview.....	4-1
B. Project Area History.....	4-2
C. Anticipated Historic Property Types.....	4-6
5. Field Investigations	
A. Methods.....	5-1
B. Surveyed Locations.....	5-1
C. Material Culture from Proposed Ramps A and B.....	5-13
6. Conclusions and Recommendations	
A. Review.....	6-1
B. General Recommendations.....	6-1
C. Phase II Work Objectives in Area 2.....	6-2
D. Proposed Phase II Investigations.....	6-3
E. Artifacts and Records.....	6-3

## TABLE OF CONTENTS (CONTINUED)

---

---

	<i>page</i>
References.....	R-1
Appendices	
A. Summary of Subsurface Testing.....	A-1
B. Artifact Catalog.....	B-1
C. Resumes.....	C-1
D. Accepted Proposal.....	D-1
E. Cultural Resource Survey Forms.....	E-1
F. Project Administrative Data.....	F-1

## LIST OF FIGURES

---

---

	<i>page</i>
1.1. General Location of the Project Area.....	1-2
1.2. Detailed Location of the Project Area.....	1-3
2.1. Web Soil Survey, Soil Map of the Project Area.....	opposite 2-2
2.2. Web Soil Survey, Depth of Water Table of the Project Area.....	opposite 2-2
2.3. Web Soil Survey, Available Water Supply, 0 to 100 cm of the Project Area.....	opposite 2-2
4.1. Return of a Road in Cedar Creek Hundred from Brick Granary. 1812.....	opposite 4-2
4.2. Price and Rea. <i>A Map of the State of Delaware</i> . 1850.....	4-3
4.3. Beers, D.G. <i>Atlas of the State of Delaware</i> . 1868.....	4-4
4.4. United States Geological Survey. Cedar Creek, DE Quadrangle. 1918.....	4-5
4.5. Plot of C.S. and B. Watson's Land.....	4-7
4.6. Plot of Bethuel Watson's Residual Land.....	4-8
4.7. 1968 Aerial Photograph With Modern Roads Overlaid.....	4-9
4.8. Aerial Photograph of Project Area. 1992.....	4-10
5.1. Original Project Plans.....	5-2
5.2. Project Plans Showing the Locations of Shovel Test.....	opposite 5-2
5.3. Close-up of Project Plans Showing GPS Locations of Phase I Surface Finds.....	opposite 5-2
6.1. Area Proposed for Phase II Archaeological Survey, Ramps A and B.....	opposite 6-4



## LIST OF PLATES

---

	<i>page</i>
5.1. Aerial View of the Project Area.....	5-3
5.2. General View of East Side of State Route 30 North of State Route 206 Intersection.....	5-4
5.3. General View of the Intersection of State Route 30 and State Route 206.....	5-5
5.4. General View of East Side of State Route 30 South of State Route 206.....	5-7
5.5. General View of South Side of Wilkins Road South of State Route 30 Intersection.....	5-8
5.6. General View of Lima bean field, the Proposed Locations of Ramps A and B .....	5-9
5.7. Surface Visibility Within the Lima Bean Field .....	5-10
5.8. General View of Corn Field Along North Side of State Route 1.....	5-12
5.9. Selected Prehistoric Artifacts from the Proposed Locations of Ramps A and B.....	5-16
5.10. Selected Historic Artifacts from the Proposed Locations of Ramps A and B .....	5-17



## LIST OF TABLES

---

---

	<i>page</i>
5.1. Prehistoric Artifacts From Ramps A and B .....	5-14
5.2. Historic Artifacts From Ramps A and B .....	5-14
5.3. Historic Ceramics From Ramps A and B .....	5-14



## ACKNOWLEDGMENTS

---

---

The assistance of David Clarke and Kevin Cunningham of the Delaware Department of Transportation, and of Gwen Davis of the Delaware Historic Preservation Office, is as usual gratefully acknowledged.

Ian Burrow was Project Manager. William Liebeknecht, Principal Investigator, undertook background archaeological research and directed the field survey. The field team comprised Susan Ferenbach, John Ferenbach, Joelle Browning and Glen Keeton. Artifact analysis was by Joshua Butchko. The historical research, and Chapter 4 from which it is derived, was by Cheryl Hendry. Graphics, plates and report formatting were by Marjan Osman. The project plans were completed by Katie Murphy. Report management, editing, and assembly were by Jim Lee.

