

**PHASE I (IDENTIFICATION-LEVEL)  
ARCHAEOLOGICAL SURVEY  
U.S. ROUTE 301, LEVELS ROAD MITIGATION SITE  
ST. GEORGES HUNDRED, NEW CASTLE COUNTY  
DELAWARE**

**PARENT AGREEMENT 1417, TASK 8**

**JUNE 2011**



**RICHARD GRUBB & ASSOCIATES, INC.**  
Cultural Resource Consultants



**Phase I (Identification-Level) Archaeological Survey  
U.S. Route 301, Levels Road Mitigation Site  
St. Georges Hundred, New Castle County  
Delaware**

**Parent Agreement 1417, Task 8**

**By**

**Ilene Grossman-Bailey  
Philip A. Hayden**

**Principal Investigator:**

Ilene Grossman-Bailey, Ph.D., RPA

**Prepared by:**

Richard Grubb & Associates, Inc.  
30 North Main Street  
Cranbury, New Jersey 08512

**Prepared for:**

Delaware Department of Transportation  
P.O. Box 778  
800 Bay Road  
Dover, Delaware 19903

**Date:** June 10, 2011



## **EXECUTIVE SUMMARY**

Richard Grubb & Associates (RGA) conducted a Phase I (identification-level) archaeological survey (hereafter Phase I archaeological survey) within the Area of Potential Effects (APE) for the proposed U.S. Route 301 Levels Road Mitigation Site in St. Georges Hundred, New Castle County, Delaware. The Phase I archaeological survey was required as part of the implementation of a Memorandum of Agreement (MOA) developed between the Federal Highway Administration (FHWA), Delaware Department of Transportation (DelDOT), Delaware State Historic Preservation Office (DESHPO), and Maryland Historical Trust (MHT). This survey was completed in two parts and in accordance with the Phase IA archaeological survey scope of work (SOW) dated May 28, 2008 (Notice to Proceed provided by DelDOT on September 2, 2008) and the Phase IB archaeological survey SOW dated August 5, 2009 (Notice to Proceed provided by DelDOT on September 17, 2009).

The Delaware Department of Transportation (DelDOT) proposes to use an approximately 123-acre tract of farmland west of Middletown as a soil borrow source for the U.S. Route 301 project, and subsequently as a detention basin. The Area of Potential Effects (APE) includes all portions of the tract. The APE lies near the western limits of the preferred U.S. Route 301, Green Alternative (North Option) in Delaware. U.S. Route 301 is a proposed four-lane toll highway that will extend approximately 17.5 miles from near the Maryland-Delaware border to State Route (SR) 1, just south of the SR 1 Bridge over the Chesapeake & Delaware Canal.

The objective of this Phase I archaeological survey was to identify potentially significant archaeological resources within the APE, if present. The SOW for the Phase I archaeological survey combined Phase IA background research, a geomorphological assessment, consultation with interested parties, a pedestrian reconnaissance, assessment of prehistoric and historic resources potential, preparation of a stratified testing strategy for subsequent Phase IB archaeological fieldwork, Phase IB archaeological fieldwork, artifact analysis, and preparation of a combined Phase I report with management recommendations.

Background research included an examination of deeds, probate records, family records and correspondence, historic maps, atlases, county and local histories, site forms and survey reports on file with the DelDOT, DESHPO, and MHT, and interviews with informants. As a result, portions of the APE were considered to have high potential for both historic and prehistoric archaeological resources. High potential for prehistoric resources was based on environmental factors, including the proximity of streams, upland topographic settings, and well-drained soils. The APE lies in the headwaters of the Bohemia River. Based on background research, including historic land use and map research, the potential for historic archaeological resources was also considered high in two portions of the APE. These areas were in the vicinity of a structure on the 1849 Rea and Price Map within the Rumsey and Polk Farmsteads, and at the location of a historic farm lane crossroads.

The Phase IA pedestrian reconnaissance was conducted in October and November of 2008, to examine current land use patterns in the APE, locate any structural remains, and assess archaeological potential within the APE. A geoarchaeological investigation was conducted in December 2008 to characterize the landforms and soil characteristics of the APE and determine the potential for deeply buried archaeological deposits. The APE is undisturbed except by an unimproved farm lane and agricultural activities. The geoarchaeological investigation concluded that the upland portions of the APE in proximity to streams had high potential for prehistoric

archaeological resources within the upper portions of the soil column and the Holocene alluvium floodplain portions had low potential. No structural remains were noted within the APE.

Based on the results of the Phase IA archaeological survey, RGA recommended a Phase IB archaeological survey of approximately 121 archaeologically sensitive acres, or 98 percent of the APE. Approximately 2.02 acres fell within Holocene alluvial floodplains of the tributaries of Sandy Branch and were considered to have low potential for archaeological resources.

Phase IB archaeological fieldwork included a pedestrian survey of approximately 82.29 acres of plowed and disked agricultural fields; metal detector survey of 34.61 acres; excavation of 291 shovel test pits within wooded areas, sampled portions of agricultural fields, and areas of high artifact concentrations; and excavation of seven, one-meter square excavation units.

The survey resulted in the recovery of 160 prehistoric and 2,090 historic artifacts, and the identification of five archaeological sites and one historic locus. Sites with prehistoric components include Levels Road Area 2/3 Prehistoric site (CRS # N14493, Site # 7NC-F-113), Levels Road Area 4 Prehistoric site 1 (CRS # N14494, Site # 7NC-F-114), Levels Road Area 4 Prehistoric site 2 (CRS # N14495, Site # 7NC-F-115), and Levels Road Area 11/14 Prehistoric site (CRS # N14496, Site # 7NC-F-116). The Area 7/12 Brick Locus near the historic crossroads is considered part of the U.S. 301 Section 2 Rumsey Prehistoric/Historic site (CRS # N14501, Site # 7NC-F-121). The location of the Rumsey/Polk Tenant/Prehistoric site (CRS # N14492, Site # 7NC-F-112) corresponds with the “W. Polk” structure depicted on the 1849 Samuel M. Rea and Jacob Price, Map of New Castle County, DE. This site contained both an eighteenth-nineteenth century and a prehistoric component.

In consultation with DelDOT and DESHPO, a Phase II (evaluation-level) archaeological survey was recommended for the Rumsey/Polk Tenant/Prehistoric site to determine its eligibility for the National Register of Historic Places. The Area 7/12 Brick Locus, will be part of a Phase II archaeological survey of the U.S. 301 Section 2 Rumsey Historic/Prehistoric site (CRS # N14501, Site # 7NC-F-121). The Levels Road Area 2/3 Prehistoric site (CRS # N14493, Site # 7NC-F-113), Levels Road Area 4 Prehistoric site 1 (CRS # N14494, Site # 7NC-F-114), Levels Road Area 4 Prehistoric site 2 (CRS # N14495, Site # 7NC-F-115), and Levels Road Area 11/14 Prehistoric site (CRS # N14496, Site # 7NC-F-116) were considered to have limited new information potential and therefore recommended not eligible for the National Register of Historic Places. In consultation with DelDOT and DESHPO, no further archaeological surveys are recommended for those sites.

## TABLE OF CONTENTS

Executive Summary .....	i
Table of Contents .....	iii
List of Figures, Photo Plates, and Tables .....	iv
1.0 Introduction .....	1-1
1.1 Project Description and the Area of Potential Effects.....	1-5
1.2 Methodology.....	1-6
1.3 Acknowledgements.....	1-7
2.0 Environmental Setting.....	2-1
3.0 Background Research .....	3-1
3.1 Results of Background Research .....	3-2
3.2 Site-Specific Prehistoric Context .....	3-7
3.3 Site-Specific Historic Context .....	3-15
3.4 Archaeological Predictive Modeling.....	3-53
4.0 Archaeological Fieldwork and Results .....	4-1
4.1 Assessment of Archaeological Resources Sensitivity.....	4-1
4.2 Phase IB Archaeological Survey Methods.....	4-18
4.3 Summary of Phase IB Archaeological Survey Results .....	4-20
4.4 Areas 1 and 6 .....	4-20
4.5 Area 2/3 .....	4-24
4.6 Area 4.....	4-66
4.7 Area 5.....	4-78
4.8 Area 7.....	4-87
4.9 Areas 8.....	4-98
4.10 Area 9.....	4-103
4.11 Area 10.....	4-107
4.12 Area 11.....	4-111
4.13 Area 12.....	4-121
4.14 Area 13.....	4-128
4.15 Area 14.....	4-128
4.16 Area 15.....	4-135
4.17 Summary.....	4-140
5.0 Archaeological Sites and Recommendations.....	5-1
5.1 Rumsey/Polk Tenant/Prehistoric site (CRS # N14492, Site # 7NC-F-112).....	5-1
5.2 Levels Road Area 2/3 Prehistoric site (CRS # N14493, Site # 7NC-F-113).....	5-6
5.3 Levels Road Area 4 Prehistoric site 1 (CRS # N14494, Site # 7NC-F-114).....	5-7
5.4 Levels Road Area 4 Prehistoric site 2 (CRS # N14495, Site # 7NC-F-115).....	5-7
5.5 Levels Road Area 11/14 Prehistoric site (CRS # N14496, Site # 7NC-F-116).....	5-8
5.6 Interpretation of the Phase IB archaeological survey results .....	5-9

6.0	Conclusions and Management Recommendations .....	6-1
7.0	References Cited.....	7-1

Appendices:

Appendix A:	Memorandum of Agreement (MOA)
Appendix B:	Phase I Scopes of Work (SOW)
Appendix C:	Curriculum Vitae for Key Project Personnel
Appendix D:	Record of Consultation
Appendix E:	Levels Road Mitigation Site Project Table
Appendix F:	Shovel Test Pit Log
Appendix G:	Prehistoric Artifact Catalog
Appendix H:	Historic Artifact Catalog
Appendix I:	Metal Detector Survey Report
Appendix J:	Geoarchaeological report
Appendix K:	Site Registration Forms
Appendix L:	Annotated Bibliography

## LIST OF FIGURES, PHOTO PLATES, AND TABLES

### FIGURES:

<b>Figure 1.1:</b>	County Map .....	1-2
<b>Figure 1.2:</b>	U.S.G.S. Map .....	1-3
<b>Figure 1.3:</b>	Aerial Map .....	1-4
<b>Figure 2.1:</b>	Northeastern portion of the APE near Levels Road on an aerial photograph.....	2-2
<b>Figure 2.2:</b>	Northern portion of the APE on an aerial photograph.....	2-3
<b>Figure 2.3:</b>	Southern Portion of the APE on an aerial photograph .....	2-5
<b>Figure 2.4:</b>	Physiographic Provinces Map .....	2-7
<b>Figure 2.5:</b>	Soils Map .....	2-8
<b>Figure 3.1:</b>	Historic Properties .....	3-8
<b>Figure 3.2:</b>	1612 John Smith, Map of Virginia.....	3-14
<b>Figure 3.3:</b>	1685 Nicolaes Visscher, <i>Novi Belgii Novæque Angliæ: nec non partis Virginiae tabula multis in locis emendate</i> .....	3-16
<b>Figure 3.4:</b>	1673 Augustine Hermann, <i>Virginia and Maryland As it is Planted and Inhabited this present Year 1670</i> .....	3-17
<b>Figure 3.5:</b>	Location of the APE on the circa 1735 Rumsey Family Manuscript Map concerning the location of the Choptank Road. ....	3-18
<b>Figure 3.6:</b>	1740 Benjamin Eastburn, <i>A Map of parts of the Provinces of Pennsylvania and Maryland with the Counties of Newcastle, Kent, and Sussex on Delaware according to the most exact Surveys yet made drawn in the Year 1740</i> .....	3-19
<b>Figure 3.7:</b>	1749 Lewis Evans, <i>A Map of Pensilvania, New-Jersey, New-York, and the three Delaware counties: by Lewis Evans</i> .....	3-20
<b>Figure 3.8:</b>	1755 Gilles Robert de Vaugondy, <i>Carte de la Virginie et du Maryland</i> .....	3-21
<b>Figure 3.9:</b>	1777 William Faden, <i>The Province of New Jersey, Divided into East and West, Commonly Called the Jerseys</i> .....	3-22
<b>Figure 3.10:</b>	1795 Dennis Griffith, <i>Map of Maryland</i> .....	3-23

<b>Figure 3.11:</b>	1796 Mathew Carey, The State of Maryland, from the best Authorities. ....	3-24
<b>Figure 3.12:</b>	1820 Henry Heald, Roads of New Castle County.....	3-25
<b>Figure 3.13:</b>	1849 Samuel M. Rea and Jacob Price, Map of New Castle County, DE.....	3-27
<b>Figure 3.14:</b>	1868 F.W. Beers, <i>Atlas of the State of Delaware</i> .....	3-28
<b>Figure 3.15:</b>	1881 G.M. Hopkins, Map of New Castle County, Delaware .....	3-29
<b>Figure 3.16:</b>	1895 G.W. Baist, <i>Atlas of New Castle County, Delaware</i> .....	3-31
<b>Figure 3.17:</b>	1900 U.S.G.S. 15' Quadrangle: Cecilton, MD-DE.....	3-32
<b>Figure 3.18:</b>	1919 A.H. Mueller, State of Delaware and Part of New Jersey and Maryland ....	3-33
<b>Figure 3.19:</b>	1931 U.S.G.S. 15' Quadrangle: Smyrna, DE.....	3-34
<b>Figure 3.20:</b>	1937 Aerial Photograph of the APE .....	3-35
<b>Figure 3.21:</b>	1944 U.S.G.S. 7.5' Quadrangle: Cecilton, MD-DEL.....	3-36
<b>Figure 3.22:</b>	1951 U.S.G.S. 7.5' Quadrangle: Cecilton, MD-DEL.....	3-37
<b>Figure 3.23:</b>	1954 Aerial Photograph of the APE. ....	3-38
<b>Figure 3.24:</b>	1961 Aerial Photograph of the APE. ....	3-39
<b>Figure 3.25:</b>	1968 Aerial Photograph of the APE. ....	3-40
<b>Figure 3.26:</b>	Original seventeenth and eighteenth century patents and surveys .....	3-42
<b>Figure 3.27:</b>	1726 “Booker’s Uppermost,” resurveyed as “Heath’s Middle Parcel” .....	3-43
<b>Figure 3.28:</b>	1731 Resurvey of “Manwaring Hall” .....	3-44
<b>Figure 3.29:</b>	Early eighteenth century partitions, farms, and tenements.....	3-47
<b>Figure 3.30:</b>	Late eighteenth and early nineteenth century consolidation.....	3-50
<b>Figure 3.31:</b>	Mid-nineteenth century ownership.....	3-52
<b>Figure 4.1:</b>	Map of Existing Conditions showing the prehistoric and historic archaeological potential for U.S. Route 301 Levels Road Mitigation Site and Areas 1-15 .....	4-14
<b>Figure 4.2:</b>	U.S. Route 301 Levels Road Mitigation Site Base Map with Areas 1-15, surface finds, archaeological sites, and photo locations .....	4-21

<b>Figure 4.3:</b>	Horizontal distribution of all artifacts from surface collection and metal detecting survey showing sites and Areas 1-15.....	4-22
<b>Figure 4.4a:</b>	Map of Area 2/3 showing surface finds, STPs, EUs, Rumsey/Polk Tenant/Prehistoric site, and photo locations .....	4-25
<b>Figure 4.4b:</b>	Map of Area 2/3 showing surface finds, STPs, Levels Road Area 2/3 Prehistoric site and photo locations .....	4-26
<b>Figure 4.5:</b>	Horizontal distribution of prehistoric and historic artifacts from surface collection and metal detecting survey showing sites and Areas 1-15 .....	4-35
<b>Figure 4.6:</b>	Horizontal distribution of historic artifacts from surface collection and metal detecting survey showing sites and Areas 1-15 .....	4-36
<b>Figure 4.7:</b>	Horizontal distribution of prehistoric artifacts from surface collection in the APE .....	4-37
<b>Figure 4.8:</b>	Horizontal distribution of prehistoric artifacts by type from surface collection in the APE.....	4-38
<b>Figure 4.9:</b>	Sample of prehistoric bifaces and tools from Area 2/3. ....	4-39
<b>Figure 4.10:</b>	Horizontal distribution of prehistoric artifacts by lithic type from surface collection in the APE.....	4-41
<b>Figure 4.11:</b>	Horizontal distribution of prehistoric artifacts by type from surface collection in Locus 1 of the Rumsey/Polk Tenant/Prehistoric site.....	4-42
<b>Figure 4.12:</b>	Horizontal distribution of historic artifacts from surface collection and metal detecting survey in Area 2/3 showing the Rumsey/Polk Tenant/Prehistoric site.....	4-44
<b>Figure 4.13:</b>	Horizontal distribution of architectural artifacts from surface collection and metal detecting survey showing sites and Areas 1-15 .....	4-45
<b>Figure 4.14:</b>	Horizontal distribution of historic ceramics from surface collection showing sites and Areas 1-15 .....	4-46
<b>Figure 4.15:</b>	Ceramics and Wine Glass Stem from Area 2/3. ....	4-47
<b>Figure 4.16:</b>	Horizontal distribution of historic artifacts from metal detecting survey showing sites and Areas 1-15 .....	4-49
<b>Figure 4.17:</b>	Pistol barrel and gun flint from Area 2/3.....	4-50
<b>Figure 4.18:</b>	English copper halfpenny coins.....	4-51

<b>Figure 4.19:</b>	Horizontal distribution of historic buttons from surface collection and metal detecting survey showing sites and Areas 1-15.....	4-52
<b>Figure 4.20:</b>	Metal buttons from Area 2/3.....	4-53
<b>Figure 4.21:</b>	Pipe stems, a thimble, and shoe buckle from Area 2/3. ....	4-54
<b>Figure 4.22:</b>	Horizontal distribution of eighteenth century artifacts from surface collection and metal detecting survey showing sites and Areas 1-15.....	4-55
<b>Figure 4.23:</b>	Horizontal distribution of artifacts with date ranges from the seventeenth through the nineteenth centuries from surface collection and metal detecting survey showing sites and Areas 1-15.....	4-56
<b>Figure 4.24:</b>	Horizontal distribution of artifacts with manufacture date ranges from the eighteenth through the nineteenth century from surface collection and metal detecting survey showing sites and Areas 1-15.....	4-57
<b>Figure 4.25:</b>	Horizontal distribution of nineteenth century artifacts from surface collection and metal detecting survey showing sites and Areas 1-15 .....	4-58
<b>Figure 4.26a:</b>	Map of Area 4 showing surface finds, STPs, and photo locations.....	4-67
<b>Figure 4.26b:</b>	Map of Area 4 showing surface finds, STPs, Levels Road Area 4 Prehistoric site 1, and photo locations .....	4-68
<b>Figure 4.26c:</b>	Map of Area 4 showing surface finds, STPs, EU 4-A, Levels Road Area 4 Prehistoric site 2, and photo locations.....	4-69
<b>Figure 4.27:</b>	Horizontal distribution of prehistoric artifacts by type from surface collection in Area 4 .....	4-72
<b>Figure 4.28:</b>	Sample of prehistoric tools and bifaces from Area 4.....	4-73
<b>Figure 4.29:</b>	Sample of historic artifacts from Area 4.....	4-75
<b>Figure 4.30a:</b>	Map of Area 5 showing STPs, and photo locations.....	4-80
<b>Figure 4.30b:</b>	Map of Area 5 showing STPs, EU 5-A, and photo locations .....	4-81
<b>Figure 4.31:</b>	Ohio Flint Ridge chert biface from Area 5 .....	4-83
<b>Figure 4.32:</b>	Sample of historic artifacts from Area 5.....	4-86
<b>Figure 4.33:</b>	Map of Area 7 showing surface finds, STPs, EU 7-A, Area 7/12 Brick locus, and photo locations .....	4-89
<b>Figure 4.34:</b>	Bifaces from Area 7 .....	4-93

<b>Figure 4.35:</b>	Sample of historic artifacts from Area 7 .....	4-95
<b>Figure 4.36:</b>	Sample of brick from Area 7 .....	4-96
<b>Figure 4.37:</b>	Map of Area 8 showing surface finds, STPs, and photo locations .....	4-99
<b>Figure 4.38:</b>	Sample of historic artifacts from Area 8.....	4-102
<b>Figure 4.39:</b>	Map of Area 9 showing surface finds and photo locations .....	4-104
<b>Figure 4.40:</b>	Sample of historic artifacts from Area 9.....	4-106
<b>Figure 4.41:</b>	Map of Area 10 showing surface finds, photo locations and a portion of Levels Road Area 4 Prehistoric site 2.....	4-108
<b>Figure 4.42:</b>	Sample of prehistoric artifacts from Area 10.....	4-109
<b>Figure 4.43:</b>	Sample of historic artifacts from Area 10.....	4-110
<b>Figure 4.44:</b>	Map of Area 11 showing surface finds, STPs, Levels Road Area 11/14 Prehistoric site and photo locations .....	4-112
<b>Figure 4.45:</b>	Sample of prehistoric artifacts from Area 11 .....	4-114
<b>Figure 4.46:</b>	Horizontal distribution of prehistoric artifacts by type from surface collection in Areas 11 and 14 and the Levels Road Area 11/14 Prehistoric site .....	4-115
<b>Figure 4.47:</b>	Sample of historic artifacts from Area 11.....	4-116
<b>Figure 4.48:</b>	Map of Area 12 showing surface finds, STPs, Area 7/12 Brick locus, and photo locations .....	4-122
<b>Figure 4.49:</b>	Quartz flake from Area 12.....	4-125
<b>Figure 4.50:</b>	Sample of historic artifacts from Area 12.....	4-126
<b>Figure 4.51:</b>	Map of Area 13.....	4-129
<b>Figure 4.52:</b>	Metal artifacts from Area 13.....	4-130
<b>Figure 4.53:</b>	Map of Area 14 showing STPs, surface finds, and Levels Road Area 11/14 Prehistoric site .....	4-131
<b>Figure 4.54:</b>	Bifaces from Area 14 .....	4-133
<b>Figure 4.55:</b>	Sample of historic artifacts from Area 14.....	4-134

<b>Figure 4.56:</b>	Map of Area 15 showing surface finds, a portion of Area 7/12 Brick locus, and photo locations .....	4-136
<b>Figure 4.57:</b>	Sample of historic artifacts from Area 15.....	4-139
<b>Figure 5.1:</b>	Locations of archaeological sites in Areas 2/3, 7, 11, 12, and 14 shown on an aerial photograph from DelDOT.....	5-2
<b>Figure 5.2:</b>	Locations of archaeological sites in Area 4 shown on an aerial photograph from DelDOT .....	5-3
<b>Figure 5.3:</b>	Locations of archaeological sites in Areas 7, 11, 12, and 14 shown on an aerial photograph from DelDOT .....	5-4

**PHOTO PLATES:**

<b>Plate 4.1:</b>	Overview of the APE and the farm lane that crosses it from the Rumsey Farm near U.S. Route 301.....	4-2
<b>Plate 4.2:</b>	Overview of the APE from the farm lane crossroads.....	4-3
<b>Plate 4.3:</b>	Overview of the APE from the western end of the farm lane.....	4-4
<b>Plate 4.4:</b>	Overview of the northern portion of the APE .....	4-5
<b>Plate 4.5:</b>	Overview of the northern agricultural portion of the APE.....	4-6
<b>Plate 4.6:</b>	Overview of the southwestern agricultural portion of the APE.....	4-7
<b>Plate 4.7:</b>	Overview of the northeastern agricultural portion of the APE from the north-south farm lane.....	4-8
<b>Plate 4.8:</b>	Northern end of the farm lane at the tributary to Sandy Branch.....	4-9
<b>Plate 4.9:</b>	Geomorphological investigation in the APE.....	4-11
<b>Plate 4.10:</b>	Geomorphological investigation in the APE, testing near a tributary to Sandy Branch to the north.....	4-12
<b>Plate 4.11:</b>	Geomorphological investigation in the APE, testing near a tributary to Sandy Branch to the south.....	4-13
<b>Plate 4.12:</b>	Pedestrian survey in Area 2/3 .....	4-28
<b>Plate 4.13:</b>	Pedestrian survey in Area 2/3 .....	4-29
<b>Plate 4.14:</b>	Concentration of prehistoric and historic artifacts in the Rumsey/Polk Tenant/Prehistoric site in Area 2/3 .....	4-30

<b>Plate 4.15:</b>	Pedestrian survey in Area 2/3 .....	4-31
<b>Plate 4.16:</b>	Pedestrian survey in the eastern portion of Area 2/3.....	4-32
<b>Plate 4.17:</b>	Metal detector survey in the Rumsey/Polk Tenant/Prehistoric site concentration of prehistoric and historic artifacts in Area 2/3.....	4-33
<b>Plate 4.18:</b>	Metal detector survey in the Rumsey/Polk Tenant/Prehistoric site in Area 2/3.....	4-34
<b>Plate 4.19:</b>	Excavation unit 2-A with Feature 1 .....	4-64
<b>Plate 4.20:</b>	Excavation unit 2-B with Feature 3.....	4-65
<b>Plate 4.21:</b>	Pedestrian survey in Area 4.....	4-71
<b>Plate 4.22:</b>	Shovel testing in Area 4.....	4-77
<b>Plate 4.23:</b>	Excavation of EU 4-A in the locus surrounding surface finds P0103 and P0104 .....	4-79
<b>Plate 4.24:</b>	Excavation of STPs in Area 5 .....	4-84
<b>Plate 4.25:</b>	Excavation of EU 5-A with Feature 2 in Area 5.....	4-85
<b>Plate 4.26:</b>	Pedestrian Survey in Area 7 .....	4-88
<b>Plate 4.27:</b>	Pedestrian Survey in Area 7 .....	4-91
<b>Plate 4.28:</b>	Metal detector survey in Areas 7 and 12.....	4-92
<b>Plate 4.29:</b>	Shovel testing in Area 7.....	4-101
<b>Plate 4.30:</b>	Pedestrian Survey in Area 8.....	4-105
<b>Plate 4.31:</b>	Pedestrian survey in Area 9.....	4-118
<b>Plate 4.32:</b>	Shovel testing in unplowed portion of Area 11 .....	4-119
<b>Plate 4.33:</b>	Shovel testing in wooded portion of Area 11 .....	4-120
<b>Plate 4.34:</b>	Pedestrian Survey in Area 12.....	4-124
<b>Plate 4.35:</b>	Pedestrian Survey in Area 15.....	4-137

**TABLES:**

<b>Table 2.1:</b>	Soil series within the APE.....	2-6
<b>Table 3.1:</b>	Registered prehistoric archaeological sites within two miles of the APE.....	3-3
<b>Table 3.2:</b>	Registered historic archaeological sites within two miles of the APE.....	3-4
<b>Table 3.3:</b>	Overview of Northern Delaware Prehistory.....	3-9
<b>Table 3.4:</b>	Partial Chain of Title, “Dividend” .....	3-55
<b>Table 3.5:</b>	Partial Chain of Title, “Booker’s Uppermost”.....	3-56
<b>Table 3.6:</b>	Partial Chain of Title, “Adjunction”.....	3-57
<b>Table 3.7:</b>	Partial Chain of Title, “Manwaring Hall” .....	3-58
<b>Table 3.8:</b>	Partial Chain of Title, “Sarah’s Joynture”.....	3-59
<b>Table 3.9:</b>	Partial Chain of Title, “Heath’s Third Parcel” .....	3-60
<b>Table 3.10:</b>	Partial Chain of Title, “Heath’s Fourth Parcel”.....	3-61
<b>Table 3.11:</b>	Partial Chain of Title, “Stockton’s Addition” .....	3-62
<b>Table 3.12:</b>	Partial Chain of Title, Rumsey Farm.....	3-63
<b>Table 4.1:</b>	Levels Road Mitigation Site Archaeological Potential and Phase IB Archaeological Survey Field Strategy .....	4-16
<b>Table 4.2:</b>	Results of the Phase IB Archaeological survey.....	4-23
<b>Table 4.3:</b>	Results of the Archaeological field survey in Area 2/3 .....	4-27
<b>Table 4.4:</b>	Prehistoric artifacts from surface collection in Area 2/3.....	4-27
<b>Table 4.5:</b>	Prehistoric artifacts by lithic type from surface collection in Area 2/3 .....	4-40
<b>Table 4.6:</b>	Historic Artifacts by Group from Area 2/3.....	4-43
<b>Table 4.7:</b>	Architectural artifacts from surface collection and metal detecting survey in Area 2/3.....	4-48
<b>Table 4.8:</b>	Historic Ceramics in Area 2/3 from surface collection .....	4-59
<b>Table 4.9:</b>	Results of the Archaeological field survey in Area 4.....	4-66

<b>Table 4.10:</b>	Prehistoric artifacts from surface collection in Area 4 .....	4-71
<b>Table 4.11:</b>	Prehistoric artifacts by lithic type from surface collection in Area 4.....	4-71
<b>Table 4.12:</b>	Historic Artifacts by Group from Area 4 surface collection .....	4-74
<b>Table 4.13:</b>	Results of the Archaeological field survey in Area 5.....	4-78
<b>Table 4.14:</b>	Historic Artifacts by Group from Area 5 STPs and surface collection .....	4-87
<b>Table 4.15:</b>	Results of the Archaeological field survey in Area 7.....	4-90
<b>Table 4.16:</b>	Historic Artifacts by Group from Area 7 surface collection and metal detector survey.....	4-94
<b>Table 4.17:</b>	Architectural artifacts from surface collection and metal detector survey in Area 7 .....	4-94
<b>Table 4.18:</b>	Historic Ceramics in Area 7 from surface collection.....	4-97
<b>Table 4.19:</b>	Results of the Archaeological field survey in Area 8.....	4-100
<b>Table 4.20:</b>	Historic Artifacts by Group from Area 8 surface collection .....	4-100
<b>Table 4.21:</b>	Results of the Archaeological field survey in Area 9.....	4-103
<b>Table 4.22:</b>	Historic Artifacts by Group from Area 9 surface collection .....	4-103
<b>Table 4.23:</b>	Results of the Archaeological field survey in Area 10 .....	4-107
<b>Table 4.24:</b>	Historic Artifacts by Group from Area 10 surface collection.....	4-111
<b>Table 4.25:</b>	Results of the Archaeological field survey in Area 11 .....	4-113
<b>Table 4.26:</b>	Historic Artifacts by Group and Type from Area 11 surface collection and metal detector survey.....	4-117
<b>Table 4.27:</b>	Results of the Archaeological field survey in Area 12 .....	4-121
<b>Table 4.28:</b>	Historic Artifacts by Group and Type from Area 12 surface collection and metal detector survey.....	4-123
<b>Table 4.29:</b>	Results of the Archaeological field survey in Area 13 .....	4-128
<b>Table 4.30:</b>	Results of the Archaeological field survey in Area 14 .....	4-132
<b>Table 4.31:</b>	Historic Artifacts by Group and Type from Area 14 surface collection and metal detector survey.....	4-135

<b>Table 4.32:</b>	Results of the Archaeological field survey in Area 15 .....	4-138
<b>Table 4.33:</b>	Historic Artifacts by Group and Type from Area 15 surface collection and metal detector survey .....	4-138
<b>Table 5.1:</b>	Site Summary .....	