TABLE OF CONTENTS

	Page
Abstract	i
DelDOT Archaeological Series Index Information	ii
Acknowledgements	iv
Table of Contents	v
List of Figures	vi
List of Plates	ix
List of Tables	x
Introduction	1
Environmental Setting, Regional Prehistory, and Regional History	1
Research Design	2
Field, Lab, and Archival Methods	8
Background Research	10
Phase I and II Survey Results	15
Area 1, Woodland Beach Road	15
Area 2, Brown and Hurd Properties	17
Area 3, Pollack Property	25
Area 4, Kent 88	58
Area 5, Lafferty Lane	76
Conclusions and Recommendations	79
Implications for Regional Prehistory	79
Implications for Regional History	84
Cultural Resource Recommendations	88
References Cited	90
Personnel	94
Appendices	99
Appendix I: Total Artifacts from Sites in Borrow Pit and Wetland Replacement Areas 2, 3, and 4	99
Appendix II: Notes on Site Numbers	108
Appendix III: Glossary	109

LIST OF FIGURES

		Page
Figure 1:	Location of Proposed State Route 1 Right-of-Way and Five Proposed Areas of Borrow Pit and Wetland Replacement	2
Figure 2:	Delaware Physiographic Zones	3
Figure 3:	Predicted Paleo-Indian, Archaic, and Woodland I SiteLocations	4
Figure 4:	Woodland I Basic Mid-Drainage Settlement Pattern	5
Figure 5:	Woodland I Mortuary/Exchange Center Settlement Patterns	6
Figure 6:	Location of all Phase I Tests in Area 1	16
Figure 7:	Typical Soil Profile in Area I (STP 1-17)	17
Figure 8:	Location of Archaeological Sites in Area 2	18
Figure 9:	Detail of Byles' 1859 Atlas Showing Area 2 and the D. Palmatory Property	19
Figure 10:	Detail of Beers' 1868 Atlas Showing Area 2 and the D. Palmatory Property	20
Figure 11:	Location of all Phase I Tests at 7K-A-122 (Area 2)	21
Figure 12:	Profile of STP B-13, 7K-A-122	21
Figure 13:	Location of all Phase I Tests at 7K-A-124 (Area 2)	22
Figure 14:	Typical Soil Profile of 7K-A-124 (STP D-10)	23
Figure 15:	Location of all Phase I Tests at 7K-A-121, 7K-A-119, and 7K-A-120 (Area 2)	23
Figure 16:	Typical Soil Profile of 7K-A-121, 7K-A-119, 7K-A-120 (STP F-3)	23
Figure 17:	Location of all Sites in the Middle Leipsic River Valley Archaeological District	28
Figure 18:	Location of all Phase I Tests, Pollack Site (7K-C-203)	29
Figure 19:	Phase I Prehistoric Artifact Distribution, STP Transects W0-W280, Pollack Site	31

Page

Figure 20: Phase I Prehistoric Artifact Distribution, STP Transects W300-W560, Pollack Site 31

Figure 21: Phase I Historical Artifact Distribution, STP Transects W0-W280, Pollack Site 32

Figure 22: Phase I Historical Artifact Distribution, STP Transects W300-W560, Pollack Site 32

Figure 23: Areas of Concentrated Prehistoric and Historical Artifacts from Phase I Testing, Pollack Site 33

Figure 24: Profiles of Shovel Test Pits from Near the Confluence Area, Pollack Site 33

Figure 25: Location of all Phase II Areas, 7K-C-203A to 7K-C-203H Pollack Site 37

Figure 26: Prehistoric Artifact Count and Feature Distribution in Area A, 7K-C-203A 39

Figure 27: Profile of Test Unit N41 W650, Area A, Pollack Site 40

Figure 28: Prehistoric Artifact Count and Feature Distribution in Area B, 7K-C-203B 42

Figure 29: Prehistoric Artifact Count and Prehistoric and Historical Feature Distributions in Area C, 7K-C-203C 44

Figure 30: Historical Artifact Count in Area C, 7K-C-203C 47

Figure 31: Prehistoric Artifact Count and Feature Distribution in Areas D and E, 7K-C-203D and 7K-C-203E 49

Figure 32: Prehistoric Artifact Count and Feature Distribution in Area F, 7K-C-203F 51

Figure 33: Prehistoric Artifact Count and Feature Distribution in Area G, 7K-C-203G 53

Figure 34: Historical Artifact Count and Feature Distributionin Area H, 7K-C-203H 55

Figure 35: Location of all Archaeological Sites in Area 4 58

Page

Figure 36: Location of all Areas of Phase I Shovel Testing and all Archaeological Sites in Area 4W 59

Figure 37: Detail of Byles' 1859 Atlas Showing Area 4 and the "H. Wilson" and "A. Laws" Farms 60

Figure 38: Detail of Beers' 1868 Atlas Showing Area 4 and the"A. J. Wilson" and "A. Laws" Farms 60

Figure 39: Location of all Phase I Tests at the H. Wilson Farm Site (7K-C-400) 61

Figure 40: Typical Soil Profile of the H. Wilson Farm Site (7K-C-400), STP F-15 61

Figure 41: Location of all Phase I Tests at 7K-C-393 62

Figure 42: Soil Profile of STP B-7, (7K-C-393) 62

Figure 43: Location of all Areas of Phase I Shovel Testing and all Archaeological Sites in Area 4E 63

Figure 44: Location of all Phase I Tests and Total Prehistoric Artifact Distribution at 7K-C-398 65

Figure 45: Location of all Phase I Tests and Total Historical Artifact Distribution at 7K-C-398 65

Figure 46: Typical Soil Profile of 7K-C-398, (STP B-13) 66

Figure 47: Location of all Phase I Tests and Total Prehistoric Artifact Distribution, 7K-C-397 67

Figure 48: Typical Soil Profile of 7K-C-397, (STP A-53) 67

Figure 49: Location of all Phase I Tests and Total Prehistoric Artifact Distribution at 7K-C-399 68

Figure 50: Typical Soil Profile of the Unplowed Portion of 7K-C-399, (STP C-7) 69

Figure 51: Location of all Phase I Tests and Total Historical Artifact Distribution at the Alexander Laws Farm Site (7K-C-394) 70

Figure 52: Soil Profile of STP J-32 Showing Historical Feature at the Alexander Laws Farm Site (7K-C-394) 71

Page

Figure 53: Location of all Phase I Tests and Total Prehistoric Artifact Distribution at 7K-C-396 72

Figure 54: Soil Profile of STP E-72 Showing Possible Prehistoric Feature, 7K-C-396 72

Figure 55: Location of all Phase I Tests and Total Prehistoric Artifact Distribution at 7K-C-395 73

Figure 56: Typical Soil Profile of 7K-C-395, (STP F-19) 74

Figure 57: Location of all Phase I Tests and Total Historical Artifact Distribution at 7K-C-395 74

Figure 58: Location of all Phase I Tests and Total Prehistoric Artifact Distribution at 7K-C-409 75

Figure 59: Location of all Phase I Tests in Area 5 76

Figure 60: Typical Soil Profile in Area 5 (STP 5-89) 78

LIST OF PLATES

Plate 1: Aerial View of the Pollack Site (7K-C-203), Looking East, April 1991 26

Plate 2: Aerial View of the Pollack Site (7K-C-203), Showing Areas A-H, Looking West, April 1991 38

Plate 3: Sample of Woodland I Points from the Pollack Site (7K-C-203) 41

Plate 4: Sample of Late Paleo-Indian and Archaic Points from the Pollack Site (7K-C-203) 43

Plate 5: 1% Sample of Phase II Test Units in Area C of the Pollack Site (7K-C-203), Looking East 45

Plate 6: Sample of Broadspears from the Pollack Site (7K-C-203) 46

Plate 7: Early Eighteenth Century Artifacts from Area C of the Pollack Site (7K-C-203C) 48

Plate 8: Excavating Phase II Test Units in Area D of the PollackSite (7K-C-203D), Looking West 50

Page

Plate 9: Excavating Phase II Test Units in Area G of the Pollack Site (7K-C-203G) 54

Plate 10: Late Seventeenth-Early Eighteenth Century Artifacts from Area H of the Pollack Site (7K-C-203H) 56

Plate 11: Aerial View of Area 5 (Lafferty Lane), November 1990 77

LIST OF TABLES

Table 1: Prehistoric Cultural Complexes of Delaware 12

Table 2: Major Time Periods in Delaware History 80

Table 3: Current Management Status of All Archaeological Sites in the Proposed State Route 1 Borrow Pit and Wetland Replacement Areas 85