

## TABLE OF CONTENTS

	Page
Abstract .....	i
Acknowledgements .....	ii
Table of Contents .....	iii
List of Figures .....	v
List of Tables .....	viii
List of Plates .....	viii
Introduction .....	1
Environmental Setting .....	4
Present Day/Modern Environmental Setting .....	7
Regional Prehistory .....	8
Regional History .....	13
Research Design .....	24
Field, Lab, and Archival Methods .....	33
Background Research .....	35
Phase I and II Survey Results .....	43
Parcel 1 .....	48
Parcel 2: Spiro-Diamond Site (K-6444, 7K-C-384) .	48
Parcel 3 .....	57
Parcel 4 .....	57
Parcel 5 .....	60
Parcel 6: Bason Field Site (K-6445, 7K-C-385) ...	60
Parcel 7 .....	64
Parcels 8 and 9 .....	65
Parcel 10: W. Eager House Site (K-6443, 7K-C-383)	65
Parcels 11-14 .....	129
Parcel 15 .....	129
Parcel 16 .....	133
Parcel 17 .....	135
Parcel 18 .....	135
Parcel 19 .....	135
Conclusions and Recommendations .....	135
Implications for Regional Prehistory .....	135
Implications for Regional History .....	139
Cultural Resource Management Recommendations .....	147
References Cited .....	152
Personnel .....	161

	<b>Page</b>
Appendices .....	166
Appendix I: Mean Ceramic Date Values	166
Appendix II: Total Artifacts from Phase II Testing, Spiro-Diamond Site (7K-C-384) .....	171
Appendix III: Total Artifacts from Phase II Testing, Bason Field Site (7K-C-385) .....	175
Appendix IV: Total Artifacts from Phase II Testing, W. Eager Site (7K-C-383) .....	177
Appendix V: CRS Forms for All Sites Tested by..... Phase II Testing	182
Appendix VI: Notes on Site Numbers .....	189
Appendix VII: Glossary .....	191

## LIST OF FIGURES

		<b>Page</b>
Figure 1:	Proposed State Route 1 Alignment Showing Project Area .....	2
Figure 2:	Location of Parcels 1-19 and All Sites .....	3
Figure 3:	Physiographic Zones .....	6
Figure 4:	Predicted Paleo-Indian and Archaic Site Locations .....	26
Figure 5:	Woodland I Basic Mid-Drainage Settlement Pattern .....	27
Figure 6:	Predicted Woodland I Site Locations .....	28
Figure 7:	Woodland I Mid-Drainage Mortuary/Exchange Center Settlement Patterns .....	29
Figure 8:	Detail of Byle's 1859 Atlas Showing The Project Area .....	36
Figure 9:	Detail of Beer's 1868 Atlas Showing The Project Area .....	37
Figure 10:	Detail of 1906 U.S.G.S. Topographic Map Showing The Project Area .....	38
Figure 11:	Detail of Bausman's 1939 Map Showing The Project Area .....	39
Figure 12:	Location of All Phase I Tests in Parcel 1 .....	49
Figure 13:	Typical Soil Profile in Parcel 1 (STP 1-4) .....	50
Figure 14:	Location of All Phase I Tests in Parcel 2 .....	52
Figure 15:	Typical Soil Profile in Parcel 2 (STP 2-29) .....	53
Figure 16:	Site Limits and The Location of All Phase II Tests and Features 1-7, Spiro-Diamond Site (7K-C-384) .....	54
Figure 17:	Profile of T.V. N50E25, Spiro-Diamond Site (7K-C-384) .....	56

	<b>Page</b>
Figure 18: Location of All Phase I Tests in Parcel 4 .....	58
Figure 19: Typical Soil Profile in Parcel 4 (STP 4-19) .....	59
Figure 20: Location of All Phase II Tests at The Bason Field Site .....	62
Figure 21: Profile of T.V. S60E70, Bason Field Site (7K-C-385) .....	63
Figure 22: Location of All Phase I Tests in Parcel 7 .....	64
Figure 23: Typical Soil Profile in Area 7 (STP 7-1) ....	65
Figure 24: Detail of Byle's 1859 Atlas Showing The "W. L. Cannon" House (W. Eager Site, 7K-C-383) .....	67
Figure 25: Detail of Beers' 1868 Atlas Showing The "W. Eager" House (W. Eager Site, 7K-C-383) .....	68
Figure 26: Detail of an 1801 Plat of The Land of Vincent Loockerman (The Younger) Showing The Location of The W. Eager Site 7K-C-383 .....	73
Figure 27: Site Limits, Location of Area I and II, and All Phase II Test Units, W. Eager Site (7K-C-383) .....	79
Figure 28: Location of All Historical Features At The W. Eager Site (7K-C-383) .....	87
Figure 29: Distribution of Total Historic Artifacts, W. Eager Site (7K-C-383) .....	89
Figure 30: Distribution of Nails, W. Eager Site (7K-C-383) .....	90
Figure 31: Distribution of Brick, W. Eager Site (7K-C-383) .....	91
Figure 32: Distribution of Total Historic Ceramics, W. Eager Site (7K-C-383) .....	92
Figure 33: Distribution of Whitewares, W. Eager Site (7K-C-383) .....	93

	<b>Page</b>
Figure 34: Profile of T.V. S150E50, W. Eager Site (7K-C-383) .....	94
Figure 35: Location of All Cultural Features in Area I, W. Eager Site (7K-C-383) .....	96
Figure 36: Profile of Feature 97 (Fence Post), W. Eager Site (7K-C-383) .....	97
Figure 37: Plan View and Profile .....	99
Figure 38: Plan View of Feature 6, W. Eager Site (7K-C-383) .....	102
Figure 39: Profile of Feature 71 (Fence Post), W. Eager Site (7K-C-383) .....	105
Figure 40: Profile of Feature 23 (Well), W. Eager Site (7K-C-383) .....	106
Figure 41: Soil pH Densities (Plowzone), W. Eager Site (7K-C-383) .....	113
Figure 42: Soil pH Densities (Subsoil), W. Eager Site (7K-C-383) .....	114
Figure 43: Soil Phosphorus Densities (Plowzone), W. Eager Site (7K-C-383) .....	115
Figure 44: Soil Phosphorus Densities (Subsoil), W. Eager Site (7K-C-383) .....	116
Figure 45: Soil Calcium Densities (Plowzone), W. Eager Site (7K-C-383) .....	117
Figure 46: Soil Calcium Densities (Subsoil), W. Eager Site (7K-C-383) .....	118
Figure 47: Soil Potassium Densities (Plowzone), W. Eager Site (7K-C-383) .....	119
Figure 48: Soil Potassium Densities (Subsoil), W. Eager Site (7K-C-383) .....	120
Figure 49: Soil Magnesium Densities (Plowzone), W. Eager Site (7K-C-383) .....	121
Figure 50: Soil Magnesium Densities (Subsoil), W. Eager Site (7K-C-383) .....	122

Figure 51: Location of All Phase I Tests in Parcels 11-14 ..... 130

Figure 52: Location of All Phase I Tests In Parcel 15 ..... 131

Figure 53: Location of All Phase I Tests In Parcel 16 ..... 132

Figure 54: Typical Soil Profile in Parcel 16 (STP 16-3) ..... 133

Figure 55: Location of All Phase I Tests in Parcel 18 ..... 134

**LIST OF TABLES**

Table 1: Current Management Status of All Archaeological Sites in the Kent 88 (Leipsic Road) Realignment Project Area ..... 5

Table 2: Cultural Resource Survey of Parcels 1-19, Kent 88 Realignment ..... 44

Table 3: Chain of Title for the W. Eager Site (7K-C-383) ..... 70

Table 4: Description of All Features Located by Phase II Archaeological Testing at the W. Eager Site (7K-C-383) ..... 81

Table 5: Major Time Periods in Delaware History ..... 141

**LIST OF PLATES**

Plate: Aerial Photo of the W. Eager Site (7K-C-383). ix

Plate 1: Olive Panel Bottle from Feature 47, W. Eager Site (7K-C-383) ..... 100

Plate 2: Annular Pearlware Bowl, W. Eager Site (7K-C-383) ..... 104

Plate 3: Feature 23 (Well) at 4.0' Below Ground Surface, W. Eager Site (7K-C-383) ..... 108