

**Final Archaeological Investigations at the  
Wrangle Hill Prehistoric Site (7NC-G-105),  
State Route 1 Corridor, Chesapeake and Delaware Canal Section,  
New Castle County, Delaware**



By

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Center for Archaeological Research

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**Delaware Department of Transportation's Cultural Resource Bibliography for the State Route 1 Corridor**

- Custer, Jay F., Patricia Jehle, Thomas Klatka, and Timothy Eveleigh  
1984 **A Cultural Resources Reconnaissance Planning Study of the Proposed Rt. 13 Relief Corridor, New Castle and Kent Counties, Delaware.** Delaware Department of Transportation Archaeology Series No. 30. Dover.
- Custer, Jay F., and Kevin W. Cunningham, editors  
1986 **Cultural Resources of the Proposed Route 13 Corridor: An Overview Prepared for the Draft Environmental Impact Statement.** Delaware Department of Transportation Archaeology Series No. 40. Dover.
- Custer, Jay F., and David C. Bachman  
1986 **An Archaeological Planning Survey of Selected Portions of the Proposed Route 13 Corridor, New Castle County, Delaware.** Delaware Department of Transportation Archaeology Series No. 44. Dover.
- Custer, Jay F., David C. Bachman, and David J. Grettler  
1986 **An Archaeological Planning Survey of Selected Portions of the Proposed Route 13 Corridor, Kent County, Delaware.** Delaware Department of Transportation Archaeology Series No. 45. Dover.
- 1987 **Phase I/II Archaeological Research Plan, U.S. Route 13 Relief Route, Kent and New Castle Counties, Delaware.** Delaware Department of Transportation Archaeology Series No. 54. Dover.
- Benenson, Carol A., and Mark A. Bower  
1987 **Architectural Investigation of the U.S. Route 13 Relief Route Route 7 to U.S. Route 113, New Castle and Kent Counties, Delaware.** Delaware Department of Transportation Archaeology Series No. 55. Dover.
- Bachman, David C., David J. Grettler, and Jay F. Custer  
1988 **Phase I Archaeological Survey of the Early Action Segment of the Route 13 Corridor, Delaware.** Delaware Department of Transportation Archaeology Series No. 69. Dover.
- Hodny, Jay, David C. Bachman, and Jay F. Custer  
1988 **Phase I Archaeological Survey of the Chesapeake and Delaware Canal Section, Odessa Segment, of the U.S. Route 13 Corridor, New Castle County, Delaware.** Delaware Department of Transportation Archaeology Series No. 73. Dover.
- Bachman, David C., and Wade P. Catts  
1990 **Final Archaeological Investigations of the Lafferty Lane Cemetery 7K-D-111, State Route 1 Relief Corridor, Dover, Kent County, Delaware.** Delaware Department of Transportation Archaeology Series No. 80. Dover.
- Grettler, David J., David C. Bachman, Jay F. Custer, and JoAnn Jamison  
1991 **Phase II Archaeological Survey of All Historic Sites in the Early Action Segment of the State Route 1 Relief Route, Delaware.** Delaware Department of Transportation Archaeology Series No. 87. Dover.
- 1991 **Phase I and II Archaeological Survey of Kent Road 88 (Dover to Leipsic Road) and Kent Road 337 (Persimmon Tree Lane) Realignments, and Final Archaeological Excavations at the W. Eager Site for the Delaware Route 1 - Relief Corridor, Dover, Kent County, Delaware.** Delaware Department of Transportation Archaeology Series No. 90. Dover.
- De Cunzo, Lu Ann, Angela Hoseth, Jay Hodny, JoAnn E. Jamison, Wade P. Catts, and David C. Bachman  
1992 **Final Archaeological Investigations at the John Darrach Store Site, Delaware Route 6-Woodland Beach Road, Smyrna Section, Delaware Route 1 Corridor, Kent County, Delaware.** Delaware Department of Transportation Archaeology Series No. 93. Dover.
- Riley, Lynn, David C. Bachman, Glen Mellin, JoAnn E. Jamison, Barbara Hsiao Silber, Jay F. Custer, and David J. Grettler  
1994 **Phase II Archaeological Excavation of all Prehistoric Sites in the Early Action Segment of the Delaware Route 1 Corridor, New Castle and Kent Counties, Delaware.** Delaware Department of Transportation Archaeology Series No. 101. Dover.
- Kellogg, Douglas C., Robert Varisco, David J. Grettler, and Jay F. Custer  
1994 **Phase II Archaeological Discoveries in the Chesapeake and Delaware Canal Section of the State Route 1 Corridor, New Castle County, Delaware.** Delaware Department of Transportation Archaeology Series No. 102. Dover.
- Riley, Lynn, Scott C. Watson, and Jay F. Custer  
1994 **Final Archaeological Investigations at Prehistoric Sites 7K-C-360 and Dover Downs (7K-C-365A and B), State Route 1 Corridor, Kent County, Delaware.** Delaware Department of Transportation Archaeology Series No. 105. Dover.
- Scholl, Michael D., Angela Hoseth, and David J. Grettler  
1994 **Transportation and Agricultural Changes in Blackbird Hundred: Final Archaeological Investigations at the Buchanan-Savin Farmstead, State Route 1 Corridor, Green Spring, New Castle County, Delaware.** Delaware Department of Transportation Archaeology Series No. 106. Dover.

*(Continued on back cover)*

**Delaware Department of Transportation's Cultural Resource Bibliography for the State Route 1 Corridor**

Grettler, David J., Brian H. Seidel, and Jack F. Kraft

1994 **Phase I and II Archaeological Survey of Five Proposed Borrow Pits and Wetland Replacement Areas for the State Route 1 Corridor, Kent County, Delaware.** Delaware Department of Transportation Archaeology Series No. 111. Dover.

Koski-Karell, Daniel

1994 **Discoveries and Site Evaluations: Underwater Archeological Investigations of Three Bridge Project Areas for the DE Route 1 Corridor, Kent County, DE.** Delaware Department of Transportation Archeology Series No. 112. Dover.

Kellogg, Douglas C., and Jay F. Custer, editors

1994 **Paleoenvironmental Studies of the State Route 1 Corridor: Contexts for Prehistoric Settlement, New Castle and Kent Counties, Delaware.** Delaware Department of Transportation Archaeology Series No. 114. Dover.

Custer, Jay F., Lynn Riley, and Glen Mellin

1994 **Final Archaeological Excavations at the Leipsic Site (7K-C-194A), State Route 1 Corridor, Kent County, Delaware.** Delaware Department of Transportation Archaeology Series No. 118. Dover.

Catts, Wade P., Jay F. Custer, JoAnn E. Jamison, Michael D. Scholl, and Karen Iplenski

1994 **Final Archaeological Investigations at the William Strickland Plantation Site (7K-A-117), A Mid-Eighteenth Century Farmstead, State Route 1 Corridor, Kent County, Delaware.** Delaware Department of Transportation Archaeology Series No. 119. Dover.

Custer, Jay F., and Barbara Hsiao Silber

1994 **Final Archaeological Investigations at the Snapp Prehistoric Site, (7NC-G-101), State Route 1 Corridor, Chesapeake and Delaware Canal Section, New Castle County, Delaware.** Delaware Department of Transportation Archaeology Series No. 122. Dover.

Grettler, David J., George L. Miller, Wade P. Catts, Keith Doms, Mara Guttman, Karen Iplenski, Angela Hoseth, Jay Hodny, and Jay F. Custer

1994 **Marginal Farms on the Edge of Town: Final Archaeological Investigations at the Moor-Taylor, Benjamin Wynn (Lewis-E), and Wilson-Lewis Farmsteads, State Route 1 Corridor, Kent County, Delaware.** Delaware Department of Transportation Archaeology Series No. 124. Dover.

Jamison, JoAnn E., Jack Kraft, Rebecca Tinsman, Karen Iplenski, Keith Doms, David J. Grettler, Colleen DeSantis Leithren, and Jay F. Custer

1994 **The Archaeology of Nineteenth Century Agricultural Change: Final Excavations at the C. Kimmey Tenant Farm Site, State Route 1 Corridor, Kent County, Delaware.** Delaware Department of Transportation Archaeology Series No. 125. Dover.

Custer, Jay F., Angela Hoseth, Barbara Hsiao Silber, David J. Grettler, and Glen Mellin

1994 **Final Archaeological Investigations at the Pollack Prehistoric Site (7K-C-203), State Route 1 Corridor, Kent County, Delaware.** Delaware Department of Transportation Archaeology Series No. 126. Dover.

Grettler, David J., George L. Miller, Keith Doms, Brian Seidel, Macon Coleman, and Jay F. Custer

1995 **Landowner and Tenant Opportunity in Seventeenth Century Central Delaware: Final Archaeological Investigations at the Richard Whitehart (7K-C-203C) and John Powell (7K-C-203H) Plantations, State Route 1 Corridor, Kent County, Delaware.** Delaware Department of Transportation Archaeology Series No. 127. Dover.

Catts, Wade P., Todd Sandstrom, and Jay F. Custer

1995 **Phase I and II Archaeological Testing at the Lisbon Tract, Dover Air Force Base, State Route 1 Corridor, Kent County, Delaware.** Delaware Department of Transportation Archaeology Series No. 133. Dover.

Custer, Jay F., Douglas Kellogg, Barbara Hsiao Silber, and Robert Varisco

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