

BIOGRAPHY



Ms. Zimmerman is an architectural historian and licensed professional engineer with over 18 years of experience in historic preservation and environmental review. Since founding Aurora Research Associates, LLC in 2011, Ms. Zimmerman has provided Section 106/4(f) review, cultural and natural resource field survey, public involvement, report preparation, and mitigation services for clients, including the West Virginia and Ohio Departments of Transportation, engineering and architecture firms and environmental consultants. Ms. Zimmerman has multidisciplinary experience in cultural and natural resources, technical writing, and structural/civil engineering and has a comprehensive understanding of highway projects from design through construction. She has overseen the survey and National Register evaluation of thousands of historical resources and is skilled at working with a diverse array of stakeholders, including government agencies, clients, the public, property owners, and consultant teams.

EDUCATION

- M.S. Historic Preservation, Columbia University, New York, NY, 2003. Thesis: *Jackson's Mill State 4-H Camp: The Summer Camp as a Cultural Heritage Site*. Recipient of the Voorsanger Writing Prize, 2003.
- B.S. Civil Engineering, *Magna Cum Laude*, Honors Scholar, West Virginia University, Morgantown, WV, 2001. Tau Beta Pi Engineering Honorary, Chi Epsilon Civil Engineering Honorary.

PROFESSIONAL QUALIFICATIONS

- Licensed Professional Engineer in Ohio (No. 75861) and West Virginia (No. 17954)
- Meets Secretary of the Interior's Standards for Professional Qualification as an Architectural Historian
- ODOT Prequalified in Historic/Architectural Surveys, Section 4(f) & 6(f) and Categorical Exclusions
- Certified woman-owned small business (Ohio EDGE, DBE, SBA EDWOSB, Cuyahoga Co., NEORS, et al.)

EXPERIENCE AND SKILLS

- Section 106 Review /Section 4(f) Analysis
- Architectural Resource Surveys
- Public Involvement
- 10 years as a self-employed consultant
- SHPO Coordination
- NEPA CE and EA documents
- Geographic Information Systems
- 6 years as an architectural historian/project manager with the WV Division of Highways

PROJECT HIGHLIGHTS

Owner/Architectural Historian, Aurora Research Associates, LLC

City of Cleveland Storefront Renovation Program, Cleveland, OH, 2020-21. Client: City of Cleveland. Assisted CDBG-funded storefront renovation program, including seeking out potential building owner applicants, assisting with applications, drafting agreements, providing renovation project resources, and preparing grant rebate documentation.

Western PA Community Survey, Beaver County, PA, 2020. Client: ASC Group/PA SHPO. Surveyed 500+ properties in commercial areas of 5 communities using the ArcGIS Survey123 application and conducted historical research at the Heinz History Center, local libraries, and historical societies.

Gorge Dam Removal Section 106 Review, Akron, OH, 2018-19. Client: Summit Metroparks. Surveyed Gorge Metro Park for historic resources and authored a Determination of Effects report for removing a 100-year-old dam, the last to be removed from the Cuyahoga River.

West Virginia Division of Highways Cultural Resources Consultant. Client: West Virginia Division of Highways. One of the multiple firms selected to provide cultural resource environmental services as needed, including Section 106 and 4-f review, memoranda of agreement, public involvement, mitigation, and NEPA clearance for highway and bridge projects throughout WV.

Sabraton Neighborhood Historic Resource Survey, Morgantown, WV, 2018-2019. Client: Morgantown Historic Landmarks Commission. Managed survey of approximately 200 historic resources in partnership with WVU Historic Preservation course students. Provided training and review for students' surveys and surveyed 100 additional properties.

Charleston East End Historic District Survey Update, Charleston, WV, 2018-2019. Client: Charleston Historic Landmarks Commission. Surveyed approximately 400 resources within the existing National Register Historic District, including detailed narrative descriptions and evaluation of NRHP status.

Reconnaissance Historic Resource Survey, Pleasants, Mason, Jackson, Lincoln and Wayne Counties, WV, 2016-2017. Client: West Virginia State Historic Preservation Office. Led a 3-person team in a survey of 750 resources across five counties. Managed all aspects of the project, including scope, field survey methodology, schedule, and survey report. Developed iPad app for historic resource surveys.

Coal Heritage Survey Update, McDowell County, WV, 2016-2018. Client: West Virginia Division of Highways (Transportation Enhancement Grant). Planned and managed a survey of over 2,000 historic coal-related resources previously surveyed in 1991. Hired and led a team of 7 in the field. Coordinated completion and review of Historic Property Inventory (HPI) forms and survey report.

Robinson Grand Theater Renovation Section 106 Review, Clarksburg, WV, 2014-16. Client: WYK Associates. Coordinator of Section 106 review for historic theater restoration receiving USDA Rural Development funding, including historical research, report preparation, agency coordination, and public involvement.

Thomas, WV Walking Tour, Tucker Co., WV; 2011-12. Client: Tucker County Historic Landmark Commission. Partner: Digital Relativity (web design/programming and graphic design). Researched and prepared content for self-guided walking tour brochure/website of 40+ resource historic district.

National Register of Historic Places Nominations. Prepared National Register nominations for 14 individual properties and historic districts, covering hundreds of resources, including 18th-20th century residences, summer camps, historic bridges, and industrial and educational facilities.

Architectural Historian, West Virginia Division of Highways Environmental Section

West Virginia Statewide Historic Bridge Survey, 2008-2011. Partners: KCI Technologies, Mead and Hunt, RPM Engineering. Served as project manager for a statewide effort to survey 3000+ historic bridges. Led coordination of review and eligibility negotiations with the WV State Historic Preservation Office and public involvement efforts. Prepared independent estimates and managed consultants and the budget.

U.S. Route 35 Upgrade, Mason County, WV, 2005-2011. Performed NEPA re-evaluation of the Final Environmental Impact Statement for the multi-million-dollar upgrade of the regional highway. Completed Late-Find 4(f) analysis of a previously undocumented historic farm. Led mitigation negotiation meetings between project stakeholders, including the Federal Highway Administration, WVSHPO, WV Department of Agriculture, property owners, county government, local tourism board, architect, and others. Coauthored mitigation plan to address adverse effects and oversaw its execution.



AURORA
Research Associates, LLC

Courtney Fint Zimmerman, P.E.
Architectural Historian
Principal/Owner

Small Bridge Replacement Projects, West Virginia (statewide), 2005-2011. Managed Section 106 Review, Section 4(f) Analysis, and NEPA coordination for over 40 small bridge replacement projects. Reviewed all WV HPI forms and reports produced by the Environmental Section. Performed field surveys of bridges and surrounding structures. Coordinated with the WVSHPO, public, local governments, and historic groups on research, eligibility determinations, and mitigation. Crafted Memoranda of Agreement and archival documentation for historic structures.

Mussel Survey Dive Team, 2009-2011. Obtained open-water SCUBA certification and trained in freshwater mussel survey techniques to assist WVDOH biologists with environmental studies.