

LIST OF PREPARERS

This Final Environmental Impact Statement (FEIS) was prepared by the Federal Highway Administration, PA Department of Transportation, and MD State Highway Administration with assistance from technical professionals. Key preparers of the FEIS and associated studies are identified below.

Federal Highway Administration

Benjamin A. Harvey

Senior Environmental Specialist

Education: BA History

Professional Experience: 15 years

Role: Technical and NEPA coordination, review, and oversight

Michelle L. Goddard

Team Leader, Planning and Environment

Education: MS Community and Regional

Planning, BS Biology and Ecology

Professional Experience: 17 years

Role: Technical and NEPA coordination, review, and oversight

Mark Hammert

Senior Transportation Engineer

Education: BS Civil Engineer

Professional Experience: 11 years

Role: Technical Reviewer

Alexander Bienko

Environmental Specialist

Education: PSM Environmental Science and

Management, BS Biotechnology

Professional Experience: 8 years

Role: Technical reviewer

Serena Liu, PE

Area Engineer

Education: BS Civil Engineering

Professional Experience: 11 years

Role: Technical reviewer

PA Department of Transportation

Nicki Donahoe, PE

Senior Project Manager

Education: BS Civil Engineering

Professional Experience: 27 years

Role: Oversight and management

Tom Yocum

Environmental Manager

Education: BS Environmental Resource

Management

Professional Experience: 31 years

Role: NEPA and permit oversight and technical review

Sarah McClellan

Environmental Planning Supervisor

Education: BS Biology

Professional Experience: 24 years

Role: NEPA oversight and technical reviewer

Attilio Squillario

Environmental Planner

Education: BS Earth Sciences

Professional Experience: 27 years

Role: Oversight and management of environmental studies and documentation

Drew Ames

Chief, PennDOT Environmental Policy and Development Division

Education: MS Community and Regional

Planning, BH Communications

Professional Experience: 28 years

Role: Environmental reviewer

Nicole Auker

Environmental Planning Manager
Education: MS Community and Regional Planning
Professional Experience: 9 years
Role: NEPA and technical reviewer

Jesse Sabitsky

Threatened & Endangered Species Coordinator
Education: BS Environmental Science and Geography
Professional Experience: 24 years
Role: Technical review and oversight of natural resources and Endangered Species Act compliance

Steve Jano

Environmental Permit Supervisor
Education: BS Civil Engineering
Professional Experience: 17 years
Role: Permit oversight and technical reviewer

Bryon Ruhl

Natural Resource Specialist
Education: BS Environmental Resource Management
Professional Experience: 24 years
Role: NEPA and technical reviewer

Kristin D. Scarr

Historic Preservation Specialist/ Archaeologist
Education: MA Anthropology (Archaeology), BS Anthropology (Archaeology)
Professional Experience: 21 years
Role: Review of archaeological resources, identification and evaluation

Keith T. Heinrich

Aboveground Cultural Resources Professional
Education: MA Anthropology (Archaeology), BA Western History and Archaeology
Professional Experience: 25 years
Role: Review of aboveground historic properties identification and evaluation

Mithun Patel, PE

Civil Engineer Consultant Transportation
Education: M.Eng. Structural Engineering, BS in Civil & Environmental Engineering, B.Arch. Architecture
Professional Experience: 15 years
Role: Central Office Project Development Engineer/Quality Assurance/Quality Control

Michael E. Stone, PE

Project Manager
Education: BS Mechanical Engineering Technology
Professional Experience: 11 years
Role: Oversight and management

Ryan VanKirk, PE

Chief, Project Development & Lettings Section
Education: BS Civil Engineering Technology
Professional Experience: 30 years
Role: EIS QA Reviewer

MD State Highway Administration

Jeremy Beck

Project Manager
Education: BS Civil Engineering
Professional Experience: 23 years
Role: Planning project manager

Bob Maimone

Environmental Manager
Education: MA Historic Preservation, BS Geography & Environmental Planning
Professional Experience: 27 years
Role: NEPA review

Nicholas Baumann

Environmental Manager
Education: BS Geology
Professional Experience: 7 years
Role: NEPA Review

Stantec

Steve Moore, PE

Senior Associate
Education: BS Civil Engineering
Professional Experience: 35 years
Role: Project Manager

Jason Machuga, PE

Transportation Engineer
Education: MS, BS Civil Engineering
Professional Experience: 15 years
Role: Engineering Manager

Jeremy Wyland, PE

Associate/Senior Structural Engineer
Education: BS Structural Design and
Construction Engineering Technology
Professional Experience: 18 years
Role: Lead Structural Engineer/Bridge Task
Manager

William Bird, PE

Transportation Engineer
Education: BS Civil Engineering
Professional Experience: 12 years
Role: Lead Traffic Engineer

Shaun Bentz, PE

Senior Transportation Engineer
Education: BS Civil Engineering Technology
Professional Experience: 17 years
Role: Transportation Engineer, QA/QC

Thomas Hurney, PE

Transportation Engineer
Education: BS Civil Engineering
Professional Experience: 11 years
Role: Transportation Engineer

Zachary Shopene, EIT

Transportation Engineer-In-Training
Education: BS Civil Engineering Technology
Professional Experience: 6 years
Role: Transportation Engineer-In-Training

David Webster, EIT

Transportation Engineer-In-Training
Education: BS Civil Engineering
Professional Experience: 3 years
Role: Transportation Engineer-In-Training

Jacoby Brumbach, EIT

Transportation Engineer-In-Training
Education: BS Civil Engineering
Professional Experience: 6 years
Role: Transportation Engineer-In-Training

KCI Technologies

Deborah Hoover

Practice Leader – NEPA
Education: BS Agricultural Education
Professional Experience: 27 years
Role: Environmental Manager

Andrew Smith

Regional Practice Leader- NEPA
Education: BS Geography and Environmental
Planning
Professional Experience: 43 years
Role: Environmental Lead – Maryland

Darrell Sacks

Senior Project Planner
Education: BA Geography
Professional Experience: 35 years
Role: EIS and reasonably foreseeable effects
report preparation

Joseph Passmore

Senior Planner
Education: BS Environmental Studies
Professional Experience: 10 years
Role: EIS, socioeconomic conditions report, and
air quality memorandum preparation

Brandan Glorioso

Senior Planner

Education: MS Urban Transportation, BS

Geography and Environmental Planning

Professional Experience: 8 years

Role: EIS, reasonably foreseeable effects report, and noise report preparation

Brionna Marks

Environmental Scientist and NEPA Planner

Education: BS Environmental Science and

Sustainability

Professional Experience: 8 years

Role: EIS and reasonably foreseeable effects report preparation

Matthew Ross

Planner

Education: MA Geography and Environmental

Planning, BS Sociology and Anthropology

Professional Experience: 3 years

Role: EIS, reasonably foreseeable effects report, and noise report preparation

Emilie Laychock

Planner

Education: MS Engineering and Public Policy, BS Physics

Professional Experience: 2 years

Role: EIS preparation

Jennifer Bird

Senior Project Manager

Education: BS Environmental Science

Professional Experience: 27 years

Role: Wetland and waterway report preparation, oversight, and QA/QC; author of waterways, watersheds, & surface water quality, and wetlands sections of EIS

Alex Kaczaniuk

Scientist

Education: BA Environmental Geoscience

Professional Experience: 8 years

Role: Wetland and waterway field delineation, report preparation, and mapping

Olivia Sheldon

Scientist-In-Training

Education: BS Environmental Science

Professional Experience: 2 years

Role: Wetland and waterway field delineation and report preparation

Katherine Myers

Scientist

Education: MS Environmental Policy and Management, BS Environmental Studies

Professional Experience: 17 years

Role: Wetland and waterway mapping

Amanda Wagoner

Senior Project Scientist

Education: MLA Landscape Architecture, BS

Landscape Horticulture

Professional Experience: 15 years

Role: Wetland and waterway report QA/QC

Jeffrey D. Gernand, PE, PG

Senior Project Manager

Education: MS, BS Geology

Professional Experience: 34 years

Role: Phase I ESA oversight and review

Michelle Gounaris

Project Scientist

Education: BS Wildlife & Fisheries Science

Professional Experience: 13 years

Role: Phase I ESA report preparation, author of hazardous materials section of EIS

Charles Mason

Scientist

Education: BS Environmental Biology, AS Environmental Science

Professional Experience: 4 years

Role: Phase I ESA report preparation

NTM Engineering

Katherine Farrow

Director of Environmental Services
Education: MS Environmental Law, BS
Biology/Ecology
Professional Experience: 35 years
Role: Managed wetlands, farmlands, archeology,
and historic resources tasks, technical reviewer
for EIS and above referenced technical memos

Catherine Dress

Project Manager
Education: BS Environmental Health
Professional Experience: 25 years
Role: Technical reviewer for farmlands; author of
farmlands, historic architectural resources,
archaeological resources, waterways,
watersheds, & surface water quality, and
wetlands sections of EIS

Gabrielle Vicari

Senior Historian
Education: MA Historic Preservation, BA History
Professional Experience: 12 years
Role: Field investigation & report preparation for
farmlands and above ground historic resources
(MD)

Courtney Papinchak

Environmental Scientist
Education: MS Geoenvironmental Studies, BS
Environmental Science
Professional Experience: 11 years
Role: Field investigation & report preparation for
farmlands

Margaret Parker

Senior Historian
Education: MA Historic Preservation Planning,
BA History
Professional Experience: 33 years
Role: Technical reviewer for above ground
historic resources (MD)

Elsie Parrot

Historian
Education: MS Architectural Conservation, BA
Historic Preservation and Community Planning
Professional Experience: 2 years
Role: Field investigation & report preparation for
above ground historic resources & archaeology
(MD)

Paula Miller

Principal Investigator
Education: MAA Applied Anthropology, BA
Anthropology
Professional Experience: 29 years
Role: Field investigation & report preparation for
archaeology (MD)

Corey Hovanec

Principal Investigator
Education: MS Geology (Geoarchaeology), BS
Architectural Studies
Professional Experience: 19 years
Role: Field investigation & report preparation for
archaeology (MD)

Connor Sullivan

Environmental Scientist III
Education: MS Environmental Science, BA
Science and Technology Studies
Professional Experience: 11 years
Role: Wetland and waters delineation, wetland
data sheets, water quality assessment

Emily Phelan

Assistant Project Manager
Education: MS Environmental Science, BA
Science and Technology Studies
Professional Experience: 25 years
Role: Oversight and quality reviews for wetlands
and waters investigation and documentation

Nelson Davis

Environmental Scientist I
Education: BS Environmental Conservation and
Sustainability
Professional Experience: 2 years
Role: Wetland and waters delineation, wetland
data sheets, wetland functional assessment

Clayton Frey

Environmental Scientist III
Education: BS Wildlife and Fisheries Science
Professional Experience: 6 years
Role: Wetland and waters delineation, wetland
data sheets, wetland functional assessment

Alyssa Hovanec

Environmental Scientist II
Education: BS Anthropology
Professional Experience: 11 years
Role: Wetland and waters delineation, wetland
data sheets, wetland functional assessment

Brionna Marks

Environmental Scientist II
Education: BS Environmental Science and
Sustainability
Professional Experience: 8 years
Role: Wetland and waters delineation, wetland
data sheets, QAQC reviews

The Markosky Engineering Group**Jessica Schumer-Rowles**

Archaeology Group Leader
Education: MA, BA Anthropology
Professional Experience: 23 years
Role: Archaeological principal investigator for
PA/Phase IA archaeology, author of
archaeological resources section of EIS

Sarah Baughman

GIS Lead
Education: BA Geography, BA Anthropology
Professional Experience: 11 years
Role: GIS and mapping related tasks for cultural
resources (PA) and terrestrial habitat assessment

Laura C. Ricketts

Historic Structures Group Leader
Education: MA, BA Art History
Professional Experience: 30 years
Role: Historic structures principal investigator
(PA), author of historic architectural resources
section of EIS

Dana B. Cress

Senior Architectural Historian
Education: MA Environmental History, BA History
Professional Experience: 9 years
Role: Support for historic structures
investigations (PA)

Bradley J. Fisher

Senior Environmental Project Manager
Education: BS Environmental Resource
Management
Professional Experience: 23 years
Role: Coordination of terrestrial habitat
assessment and endangered species; author of
vegetation & terrestrial habitat and terrestrial
wildlife sections of EIS

Elliott M. Mazur

Environmental Scientist I

Education: MS Geoscience

Professional Experience: 4 years

Role: Terrestrial habitat assessments and report resource preparation assistance

Susan Gerlach

Environmental Scientist II/ Planner

Education: MEM Environmental Management,

BS Environmental Resource Management

Professional Experience: 11 years

Role: GIS support

Benjamin Stufft

Senior Environmental Project Manager

Education: BS Geoscience

Professional Experience: 15 years

Role: Terrestrial habitat assessment and endangered species; author of aquatic biota and rare, threatened, & endangered species sections of EIS

Ashley S. Brehm

Environmental Sciences Department Manager

Education: BA Environmental Science, BA

Geography

Professional Experience: 14 years

Role: Coordination of terrestrial habitat assessment and endangered species

Geo-Mechanics**Walter M. Lorence, PE**

Principal-in-Charge/Geotechnical Project Manager

Education: BS Civil Engineering

Professional Experience: 53 years

Role: Geotechnical engineering

Ryan J. Kossol, PE

Geotechnical Project Engineer

Education: MS, BS Civil Engineering

Professional Experience: 12 years

Role: Geotechnical engineering, author of geology, hydrology, & groundwater and soils & erosion sections of EIS

Timothy D. Witt, PG

Geotechnical Project Geologist

Education: BS Geology

Professional Experience: 36 years

Role: Geology and mining

Monaloh Basin Engineers**Joshua Barry, PE, PLS**

Project Manager

Education: BS Surveying Engineering

Professional Experience: 13 years

Role: Direct land survey field work and review surveying activities

RETTEW**Lonnie Young**

Regional Director, Environmental & Geotechnology

Education: MS, BS Geoenvironmental Science

Professional Experience: 38 years

Role: Terrestrial studies

Barbara Sulon

Senior Environmental Scientist

Education: BS Biology

Professional Experience: 36 years

Role: Terrestrial studies

Nathaniel Walker

Environmental Scientist

Education: BS Biology

Professional Experience: 13 years

Role: Terrestrial studies

Nathaniel Straw

Environmental Scientist

Education: BS Environmental Resource Management

Professional Experience: 10 years

Role: Terrestrial studies

Bat Conservation and Management

John Chenger

President/Project Biologist
Professional Experience: 32 years
Role: Bat studies and management

Todd Sinander

Project Manager/Wildlife Biologist
Education: BS Forest Biology
Professional Experience: 35 years
Role: Bat studies and management

AECOM

David J. Cooper, PE

Senior Civil Engineer - Transportation Water Resources
Education: MS, BS Civil Engineering
Professional Experience: 34 years
Role: Lead verifier/technical reviewer (PA)

Iulia Barbu, PhD, PE

Senior Water Resources Engineer - Stormwater Infrastructure Specialist
Education: PhD, BS Civil Engineering,
Professional Experience: 11 years
Role: Task lead – conceptual stormwater layout (PA)

Adam M. Sam, PE

Senior Civil Engineer - Transportation Water Resources
Education: MS Civil Engineering, BS Biology
Professional Experience: 14 years
Role: Task lead – surface modeling (PA)

Patty Zhu, MSCE

Civil Engineer-in-Training
Education: MS, BS Civil Engineering
Professional Experience: 4 years
Role: Hydrologic analysis and civil design (PA)

John Watson, PE

Senior Water Resources Engineer - Transportation Water Resources
Education: BS Biological Systems Engineering
Professional Experience: 23 years
Role: Lead verifier/technical reviewer (MD)

Emily Elwood, PE

Senior Water Resources Engineer - Transportation Water Resources
Education: BS Civil Engineering
Professional Experience: 13 years
Role: Task lead – conceptual stormwater layout (MD)