

## Introduction to Alternative Transportation Systems Planning for Federal Land Management Agencies



**Phil Shapiro** is the Deputy Director of the TRIPTAC. He oversees the development of the technical assistance services provided by the TRIPTAC, and manages ongoing outreach and communication with federal land managers. He also serves as the liaison between the TRIPTAC and the Federal Transit Administration (FTA).

Phil is the owner of Shapiro Transportation Consulting, LLC. He has 35 years of experience providing transportation technical assistance to federal, state, and local entities throughout the country, including eight years as Deputy Director of Transportation Planning at the Metropolitan Washington Council of Governments. He has many years of experience working in close collaboration with the FTA, and in 2008, he authored the Transit Planning Guide for National Parks and Other Public Lands on their behalf. He has a M.S. in Civil/Transportation Systems from Northwestern University and a B.S. in Civil Engineering from Pennsylvania State University.



**Steve Lowe** has served as Harpers Ferry National Historical Park's Historical Landscape Architect for the last 18 years. In this capacity he oversees contracts, designs plans, and jointly manages all site development landscape projects, cultural landscape reports and feasibility studies. He is the Park's accessibility coordinator, trails coordinator, maintenance volunteer coordinator. He sits on the Parks transportation and media team committees and is the Park's agreements technical representative. Prior to his Park service career he served as an enlisted member of the U.S. Navy and retired honorably as Lieutenant Colonel, in the Transportation Corps of the U.S. Army Reserves with

26 years. Steve currently has 25 years with the National Park Service (NPS). He started his NPS career as a Fee Collector, River Rescue Ranger, U.S. Park Policeman, and NPS Law Enforcement Ranger. Steve has obtained degrees in Parks and Recreation, a B.S. in Resource Management, and his Masters Degree in Landscape Architecture from Virginia Tech. Steve volunteers two days a month as a water quality monitor with the Friends of the North Fork Shenandoah River research association, is president of his local home owners association and is a choir member with in his church.



Since July 2004, **Nathan Caldwell** has been the U.S. Fish and Wildlife Service's Trails, Byways, Transportation Enhancements, and Alternative Transportation Coordinator in the USFWS Transportation Program, in the Visitor Services Branch of the National Wildlife Refuge System Headquarters Office in Arlington, VA.

(Inside the Beltway, but across the Potomac River from DC.) Prior to coming to the national office, he was the Transportation Coordinator for the Pacific Region and California/Nevada Region of the USFWS based in Portland, Oregon. He has worked at four National Wildlife Refuges or NWR Complexes in Oregon, Hawai`i, California and Oklahoma as a park ranger and Outdoor Recreation Planner. He has also worked for Ecological Services Division of the USFWS as the Information and Education Specialist for the Nevada Office in Reno. He joined the Department of the Interior (DOI) as a seasonal law enforcement ranger on the North Rim of Grand Canyon National Park in May 1987, and worked or volunteered in five other National Park Service units before joining the USFWS in May of 1990. Before joining the DOI he had careers with the YMCA as a youth program director, and at San Diego State University as an English as a Second Language and remedial writing instructor.