Comprehensive Bicycle Planning & Design Course  
August 25-29, 2013 • Portland State University

This workshop is geared towards transportation practitioners. All participants will need a bicycle for the tour of facilities. Bicycle and helmet rental is an additional $60.00.

OVERVIEW

The field of bikeway planning is rapidly evolving. This course will bring you up to speed on the cutting edge in practice and research, offering valuable skills for your professional life. It will cover the fundamentals of bikeway planning and design through an intensive week of interactive classroom and field experience. Instructors will integrate transit access and connections, bridges, trail crossings, and other special features into discussions, while using project examples to highlight practical applications of the principles and techniques covered. Effective education and encouragement programs, including public involvement strategies, will also be discussed.

“I found Portland to be the perfect “living studio” and the partnership between IBPI, PSU and the City extremely well–managed. I am still in contact with several students from the workshop and trade professional information with them via e–mail quite regularly. These relationships have been beneficial for all.”

Shanta Frantz, City of Tacoma, and 2012 workshop participant

Classroom sessions will include instruction, discussion and application of course content through problem–solving and case studies. Topics will focus on best practices to integrate bicycle and pedestrian facilities into existing transportation networks through planning and design, with an emphasis on safety and user needs.

Daily field tours will explore Portland’s “living laboratory” of bicycle and pedestrian facilities to provide first–hand experience of design and operations of facilities and projects discussed in the classroom. There is nothing like actually seeing and riding on a variety of bicycle facility types to facilitate your understanding of their operations and make it easier for you to describe to colleagues and stakeholders back home. Week–long bike rentals are available for an additional fee. Please request the bike rental when registering for the workshop.

Our course faculty provides access to some of the nation’s best expertise built up over a 20–year timeframe. Our instructors work together to present and explain issues from different angles.

Who should attend? Transportation planners, designers, and engineers responsible for integrating bicycle facilities into community transportation systems, including public roadways and trails.

This course is sponsored by the Initiative for Bicycle and Pedestrian Innovation (ibpi) at Portland State University. IBPI promotes pedestrian and bicycle travel through research, education and outreach. Co–Sponsors are Alta Planning + Design, and the City of Portland Bureau of Transportation.

Registration The fee for this professional development course is $995. This includes continental breakfast, snacks, lunch, and course materials. The fee does not include travel, lodging or other meals while in Portland. Registration deadline is July 31, 2013.
Mia Birk, President, Alta Planning + Design Ms. Birk is author of Joyride: Pedaling Toward a Healthier Planet. She has spent her entire 22 year career creating active communities where bicycling and walking are safe, healthy, fun, and normal daily activities. As President of Alta Planning + Design and Principal at Alta Bicycle Share, Inc. Mia has been involved in hundreds of bicycle/pedestrian/trail/greenway/plans, projects and programs; led numerous groundbreaking studies of innovative bikeway treatments, policies and programs. She is a co-founder of PSU's Initiative for Bicycle and Pedestrian Innovation, the Association for Pedestrian and Bicycle Professionals, and the Cities for Cycling Project of the National Association of City Transportation Officials. Mia lives and rides with her husband and children in Portland, Oregon, where she was Bicycle Program Manager from 1993–1999.

Peter Koonce, P.E., Division Manager, City of Portland Bureau of Transportation Peter Koonce, P.E., is the Division Manager for the City of Portland Bureau of Transportation’s Signals, Street Lighting, & ITS Division. Prior to this appointment with the City, he worked with Kittelson & Associates, Inc. for 15 years. He has served as an adjunct professor at Portland State University for the past eight years teaching graduate level courses in transportation engineering. He has served on National ITE Committees and is the Panel Chair for the National Cooperative Highway Research Program project 3–103, which is a rewrite of the Signal Timing Manual. He is the secretary of the Transportation Research Board Committee on Traffic Signal Systems and serves as chair of its Signal Timing subcommittee.

Roger Geller, Bicycle Coordinator, City of Portland Bureau of Transportation Roger has over 17 years experience managing bicycle capital, planning and policy projects. He possesses in–depth knowledge of design, policy, planning and maintenance relating to bicycle transportation. He has contributed to the implementation of hundreds of miles of bikeways, the introduction of many innovations to Portland’s streets and to the successful evaluation of their effect. Roger has led numerous classes in bikeway planning, policy and design, has delivered keynote addresses at national conferences in Australia and New Zealand and toured Canadian cities as an Invited Scholar. He continues advising a multi–city effort to refine a national urban bicycling design guide.
GUEST LECTURERS

Rex Burkholder Trained as a biologist and an educator, Rex started the bicycling revolution in Portland, Oregon as a founder and policy director of the Bicycle Transportation Alliance. An early leader in sustainability and equity, Rex also co-founded the Coalition for a Livable Future, bringing together over 100 diverse NGOs in the greater Portland region. He was a member to the Metro Council from 2000–2012, where he led efforts to reform regional transportation policy and to integrate climate change into the decisions of all levels of government in Oregon. He has served on key task forces as well as national boards including Rail-volution and the Association of Metropolitan Planning Organizations. Recipient of numerous local awards, his work has been recognized internationally as well, being invited to speak in countries throughout Latin America on sustainable transportation and climate change. He was honored in 2010 as a Global Ambassador for Ciclovia, an international movement to reclaim cities from the automobile. Currently writing a book on Getting Things Done, he blogs about transportation, urban livability and climate change at www.gettingto2100.org.

Jessica Roberts, Programs Team Manager, Alta Planning + Design Jessica has worked for Alta Planning + Design since 2006, before which she was on staff at the Bicycle Transportation Alliance for five years. She is Alta's Programs Team manager, managing dozens of programs and projects around the country that help communities drive less and walk and bicycle more. Jessica specializes in education, promotion, and marketing programs, including Personal Travel Encouragement (individualized marketing) programs, Safe Routes to School programs, grant writing, and Transportation Demand Management. She owns 5 bikes and no cars, and she and her family bike, walk, or take transit nearly everywhere.

COURSE FORMAT

Each day, a continental breakfast will be served at 7:30 am. We will begin classroom sessions at 8 am. Around noon, lunch will be served, and the discussion from the morning will continue. Then, we will have a preview of our afternoon tour on bike before heading out to a two–to three–hour tour of bicycle facilities in a different part of Portland each day. We will return to the classroom to debrief on the tour. Continental breakfast, snacks and lunch are provided each day. Friday will conclude with lunch and discussion with course faculty.

Over the week, the classroom content may cover the following topics: bicycle planning and process, bicycle facilities design and design considerations, signalization and intersection treatments, policy considerations, models of funding, building the economic case and overcoming objections. The afternoon featured topics will include discussion of education and encouragement programs, equity considerations, advocacy and public engagement.
Learn with a smile as you bike around the city and experience how we got to where we are. There is NOTHING as effective as going on a tour to open your eyes to the possibilities! Tours will visit four different areas of the city representing an array of bicycle facilities in different settings, including commercial, residential, higher and lower density, and urban trails.

It's important to note that while cycling you will experience moderate hills. If you have concerns about the difficulty or duration of the bike ride, please contact us.

BICYCLE RENTAL
Bicycle rental is available for the week for an additional charge. Bicycles will be available on Monday morning, and will need to be returned by 5 pm on Friday afternoon. To reserve a bicycle, please select bicycle rental option on the registration form.

SUNDAY PARKWAYS
Portland Sunday Parkways promotes healthy active living through a series of free events opening the city’s largest public space – its streets – to walk, bike, roll, and discover active transportation. Sunday Parkways fosters civic pride stimulates economic development, and represents the community, business, and government investments in Portland’s vitality, livability, and diversity.

The Comprehensive Bicycle Planning and Design Course begins on Sunday, August 25th, so that attendees may experience the Sunday Parkways event in Southeast Portland. Activities, food, vendors, music, and fun will be in Laurelhurst, Colonel Summers, Ivon and Mt. Tabor Parks. Find more information about Sunday Parkways here.

Professional Development and Continuing Education
Courses offered by IBPI may satisfy continuing professional competency requirements for professional development as a condition for licensure or certification renewal. It is the responsibility of the individual to check with the certifying board or agency to determine if the course qualifies, and, in most cases, to maintain records to support credits claimed. IBPI provides a completion certificate for each course that documents attendance, course title, date, location and course instructor. Additional information can be provided upon request to satisfy certification requirements.