

CURRICULUM VITAE

◆ Kimberly Burton, P.E., AICP CTP, LEED AP ND ◆

ACADEMIC APPOINTMENTS

The Ohio State University, Columbus OH
Knowlton School's City & Regional Planning Section

Associate Professor of Practice, September 2015 - present
Assistant Professor of Practice, August 2013 - August 2015
Auxiliary Faculty/Instructor, January 2012 - June 2013

LICENSES & CERTIFICATIONS

American Institute of Certified Planners

AICP Certified Transportation Planner, July 2014
Certified Planner, July 2002

U.S. Green Building Council, Leadership in Energy and Environmental Design

Accredited Professional in Neighborhood Development, June 2014
Green Associate, April 2014

Ohio State Board of Registration for Professional Engineers and Surveyors

Professional Engineer, January 2005
Engineer Intern, October 1998

The Ohio State University, Office of Research

Principal Investigator, March 2014

Ohio Department of Transportation Environmental and Engineering Prequalifications

Environmental Document Preparation - Environmental Assessment/Environmental Impact Statements
Environmental Document Preparation - Categorical Exclusions
Environmental Document Preparation - Section 4(f)
Noise Analyses & Abatement Design
Air Quality Analyses
Interchange Justification/Modification Studies
Safety Studies

EDUCATION

The Ohio State University, Columbus OH

Masters of City and Regional Planning, 2002
GPA: 3.63
Focus Areas of Study: Transportation, Environment, Financial Models

The Ohio State University, Columbus OH

Bachelor of Science, Civil Engineering, 1999
GPA: 3.04, Dean's List 3 quarters
2 Specializations: Environmental Engineering & Remote Sensing
Minor: French
2 Freshman Academic Honors Societies

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PROFESSIONAL PRACTICE

Public and private sector experience focusing on sustainable solutions for communities. Expertise in community planning and development, transportation planning and engineering, environmental studies, noise and air quality analyses, hazard mitigation, and public engagement.

Burton Planning Services, Westerville OH

President/Owner, December 2008 - present

Primary duties include project management, planning and environmental studies, public engagement, and business development and operations.

City of Newark, Newark OH

Economic & Community Development Departments

Director, July 2010 - December 2011

Member of the Mayor's Cabinet. Primary duties included managing 12 staff, collaborating with other departments, and administering programs: City Planning, Community Development, Economic Development, Code Enforcement, Fair Housing, and Transit.

McCormick Taylor, Columbus OH

Transportation Planning Manager, October 2007 - November 2008

Primary duties included business development, planning studies, environmental task order management, noise analyses, and expert witness activities.

M•E Companies, Westerville OH

Project Management/Transportation Planning Section

Project Manager, April 2001 - Oct. 2007

Primary duties included planning and feasibility studies, public involvement, traffic and safety studies, environmental studies, noise analyses and barrier design, and air quality analyses.

Gannett Fleming, Westerville OH

Preliminary Development Section

Deputy Project Manager and Transportation Engineer/Planner, April 2000 - April 2001

Responsible for various tasks related to traffic, planning, preliminary engineering, environmental studies, GIS, and roadway design.

Ohio Department of Transportation, Columbus OH

Central Office, Office of Environmental Services

Noise & Air Quality Environmental Specialist, April 1999 to April 2000

Primary duties involved noise analyses and noise barrier design, public meetings, providing training on noise software, ODOT's aesthetic initiative, GIS mapping, and CAD/graphics support.

Engineering Intern, June 1997 to March 1999

Assisted with various tasks related to environmental document tracking and reviews, environmental forms, and noise analyses and barrier design.

Ohio Department of Transportation, Jacksontown OH

District 5 Office, Planning & Programming Department

Engineering Intern, June 1996 to December 1996

Assisted with various tasks related to environmental documents, engineering studies, public meetings, crash data, and roadway design.

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AWARDS & HONORS

Research & Practice

Winner, Distinguished International Engagement Award

Ghana Sustainable Change Program. Competition by the Ohio State University's Office of Outreach and Engagement. Award for \$3,000; nominee finalist for national award competition. (2016)

Winner (Group), Division Council Award for Contribution to the Planning Profession

State of Transportation Planning: Ahead of the Curve. Competition by the American Planning Association. Primary author of transportation energy chapter in the publication; Editor Jo Penrose. (2014)

Runner-Up, Plan of the Year

Canal Winchester Transportation Thoroughfare Plan. Competition by the Ohio Planning Conference-Central Ohio Section. (2004)

Teaching

Winner, City & Regional Planning Top Studio

City of Reynoldsburg Infrastructure Enhancement Plan. Competition by The Ohio State University's City & Regional Planning Program. Served as the studio instructor. (2013)

Service

Winner, Distinguished International Engagement Award

Ghana Sustainable Change Program. Competition by the Ohio State University's Office of Outreach and Engagement. Award for \$3,000; nominee finalist for national award competition. (2016)

Selected Candidate, Leadership Training

Competition by Women's Transportation Seminar International Organization, Rutgers University. (2009)

Winner, Member of the Year

Competition by Women's Transportation Seminar, Columbus Chapter. (2009)

Runner-Up, Planner of the Year

Competition by the Ohio Planning Conference-Central Ohio Section. (2004)

GRANTS

Active & Completed

"Property Valuation Comparison of Noise-Mitigated Residences," Ohio Department of Commerce, Division of Real Estate and Professional Licensing, Education and Research Fund (\$78,000, 2016-2017)

"Ghana Sustainable Change Program," The Ohio State University, Outreach and Engagement Grant (\$45,000, 2014-2016)

Unfunded

"Interactive Group Research to Develop an Identity and Anti-Discrimination Workshop for Students and Emerging Professionals," The Ohio State University, Department of Women's Gender and Sexuality Studies, Coca-Cola Critical Difference for Women Faculty Grant (\$3,000, 2018)

"Addressing Traffic Safety in Developing Countries," Battelle Engineering, Technology and Human Affairs Endowment Grant (\$40,141.33, 2017)

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“Enhancing Sustainable Community Connections for Health Services Access in the Brong Ahafo Region of Ghana, Africa,” Battelle Engineering, Technology and Human Affairs Endowment Grant (\$60,000, 2016)

“Property Valuation Comparison of Noise-Mitigated Residences,” The Ohio State University, Real Estate Grant (\$2,040, 2015)

“Sustainable Adaptations of Renewable Energy Technologies in Developing Areas of Ghana,” Battelle Engineering, Technology and Human Affairs Endowment Grant (\$60,000, 2015)

PUBLICATIONS

“Rural, Suburban and Exurban Transportation,” by Kimberly Burton & Maria Viteri Hart. APA Policy Guide on Surface Transportation, Editor Whit Blanton. American Planning Association, Transportation Planning Division. (2018 publication in progress)

“Transportation Energy Beyond Fossil Fuels – Using Low Carbon Fuels,” by Kimberly Burton. State of Transportation Planning 2018, Editor Mackenzie Jarvis. American Planning Association, Transportation Planning Division. (2018)

“Earthen Berm Noise Reduction Analysis,” by Kimberly Burton and Pinckney, Miles, Kubitz, Miller and Burris. The State Library of Ohio Digital Collection, produced for the Ohio Department of Transportation, Office of Research. (2016) (Web link: <http://cdm16007.contentdm.oclc.org/cdm/ref/collection/p267401ccp2/id/14631>)

“Transportation Energy Beyond Fossil Fuels - Improving Vehicle Energy Intensity,” by Kimberly Burton. On the Horizon: State of Transportation Planning 2016, Editor Jo Penrose. American Planning Association, Transportation Planning Division. (2016)

“Planning From Scratch: How Developing Countries Offer A Unique Perspective for Planners,” by Kimberly Burton. *Planning Magazine*, Volume 81 Number 2 March 2015 edition, American Planning Association. (2015)

“Transportation Energy Beyond Fossil Fuels,” by Kimberly Burton. Ahead of the Curve: State of Transportation Planning 2013, Editor Jo Penrose. American Planning Association, Transportation Planning Division. (2013)

“Noise-Compatible Land Use Planning,” by Adam Alexander, Kimberly Burton, and Elvin Pinckney. Guide to Planning in Ohio, Editor Jennifer Evans-Cowley. Ohio Planning Conference, pg. 8-1 - 8-13. (2007)

PRESENTATIONS

Invited Presentations

“Advantages & Challenges of Earthen Noise Berms,” Ohio Transportation Engineering Conference, Columbus OH. Presenter: Kimberly Burton. (*upcoming in Oct. 2018*)

“Adapting Active Transportation for Rural Areas: Lawrence County Case Study,” Ohio Transportation Planning Conference, Columbus OH. Presenter: Kimberly Burton. (July 2018)

“Lessons Learned in Collaborative Hazard Mitigation Planning,” Emergency Management Agency of Ohio Winter Conference, Perrysville OH. Presenters: Kimberly Burton & Rita Spicer. (Dec. 2017)

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“Earthen Berm Research in Ohio: Mitigation Effectiveness & Property Value Comparisons with Structural Walls,” Transportation Research Board ADC40 Transportation-Related Noise & Vibration Committee Summer Meeting, Minneapolis MN. Presenter: Kimberly Burton. (July 2017)

“Earthen Berm Noise Reduction Analysis,” Ohio Department of Transportation-Office of Research Results Presentation (Live & National Webinar), Columbus OH. Presenter: Kimberly Burton. (March 2017)

“Planning for Complete Streets: Dayton Transportation Plan 2040,” Miami Valley Planning & Zoning Workshop, Dayton OH. Presenters: Kimberly Burton & Kim Littleton. (December 2016)

“Adapting Effective Access Management Across Multiple Jurisdictions,” Ohio Transportation Engineering Conference, Columbus OH. Presenters: Kimberly Burton, Dirk Gross & Bill Narducci. (October 2016)

“Access Management Across Multiple Jurisdictions: US-42 Access Management Study,” Ohio Transportation Planning Conference, Columbus OH. Presenters: Kimberly Burton, Kim Littleton & Dirk Gross. (July 2016)

“Flood Resilience Planning, CPAT Field Notes,” APA National Conference Seattle. (April 2015)

“Planning for Funding,” Presented at the Miami Valley Planning & Zoning Workshop, Dayton, OH. (December 2013)

“Importance of Resiliency Planning for Communities,” Keynote Luncheon Speaker, presented at the Northwest Ohio Planning & Zoning Workshop, Toledo, OH. (October 2013)

“Green Streetscapes,” Ohio-Kentucky-Indiana Regional Planning Conference, Covington, KY. (October 2008)

“Incorporating Multi-Modality in Corridor Revitalization,” Ohio Transportation Engineers Conference, Columbus, OH. (October 2008)

Other Presentations

“Ghana Sustainable Change Program,” The Ohio State University College of Engineering, Guest Speaker for Engineering Service-Learning in Ghana (ENGR 4692/5797), Columbus, OH. (Sept. 2017)

“Ghana Sustainable Change Program,” The Ohio State University College of Engineering, Guest Speaker for Engineering Service-Learning in Ghana (ENGR 4692/5797), Columbus, OH. (Sept. 2015)

“Historic Franklin Flood Constraint Study,” The Ohio State University, Columbus, OH. (Oct. 2013)

“Real-World Experiences in Local Government,” The Ohio State University City & Regional Planning, Guest Speaker for Planning for Sustainable Economic Development (CRPLAN 3400), Columbus, OH. (June 2012)

MEDIA

“Women Stake Their Claim,” *ASCE News*, March 2018 edition, American Society of Civil Engineers, 2018.
Photo feature on magazine cover.

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Advanced Specialty Certification feature article, Interact, American Planning Association's 2016.
Featured in group photo in article.

"Kimberly Burton's Old Huron," by Kyle Ezell. One Great Place Podcast, 2015.
Interviewed by Kyle Ezell. (<http://onegreat.place/burtons-old-huron/>)

All Sides with Ann Fisher Radio Show, National Public Radio, State of the City Panel, 2015.
Panel participant on radio show.

"Ghana program aims to 'Do Something Real'," by Alaina Bartel. onCampus Today, The Ohio State University 2015.
Interviewed and featured in the article. (<http://outreach.osu.edu/newslist-items/ghana.html>)

BOOK & ARTICLE REVIEWS

Peer Review for "Mapping the Gaps: Challenges and Future Directions in the Measurement and Mapping of Sound in Urban Planning Practice," for the Journal of Planning Literature. (*peer review in progress*)

Peer Review for Urban Wind Energy, Stankovic, Campbell & Harries; Journal of Planning Education and Research, published in *Winter 2016, Volume 36, Number 4*, pgs. 499-500.

TEACHING

Courses Taught:

CRPLAN 2798/2630: Planning for Future Cities	CRPLAN 6191: Professional Development
CRPLAN 3000: Planning Resilient Environments	CRPLAN 6193: Graduate Independent Studies
CRPLAN 3620: Underground City	CRPLAN 6910: Comprehensive Planning Studio
CRPLAN 4193: Undergraduate Independent Studies	CRPLAN 6950: Transportation Studio
CRPLAN 4900s/4910s: Undergraduate Studios	CRPLAN 6960: Sustainability Studio
CRPLAN 5160: Green Building Methods for Planning	CRPLAN 6970: International Development Studio
CRPLAN 5500/720: Energy Planning	CRPLAN 8300: Graduate Practicum
CRPLAN 5798/5890: Study Abroad Workshops	

Course Details:

Course Number	Course Name	Type	Credits	Semester	Students
CRPLAN 2798 (aka 2630)	Planning for Future Cities	Lecture	3	SP18	29
CRPLAN 3000	Planning Resilient Environments	Lecture	3	SP13	58
				SP14	53
				SP15	51
				SP16	47
				SP17	35
CRPLAN 3620	Underground City	Lecture	3	SP15	18
				AU16	17
				AU18	20

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Course Number	Course Name	Type	Credits	Semester	Students
CRPLAN 4900S	Plan Making: MORPC Sustainable Development Model	Studio	6	SP13	15
CRPLAN 4910S	Realizing the Plan: Enon Comprehensive Plan	Studio	6	AU12	18
	Realizing the Plan: Reynoldsburg Infrastructure Enhancement Plan	Studio	6	AU13	15
	Realizing the Plan: Columbus Polaris Area Mobility Plan	Studio	6	AU15	11
CRPLAN 5160	Green Building Methods for Planning	Online – OSU + Distance Ed	1	SU17	0 + 4
				AU17	25 + 2
				SP18	19 + 3
				SU18	15 + 2
				AU18	21 + 2
CRPLAN 5500 (aka 720)	Energy Planning	Lecture	3	WI12	12
				AU12	10
				AU13	18
				AU14	13
				AU15	15
				AU17	17
CRPLAN 5798	Planning Study Abroad: Ghana Sustainable Change	Workshop	3	May14	9
				SP16	6
CRPLAN 5890	Workshop: Ghana Sustainable Change	Workshop	3	SP14	7
CRPLAN 6191	Professional Development Seminar	Seminar	1	AU12	38
				SP13	38
				AU13	42
				SP14	43
				AU14	47
				SP15	37
				AU15	35
				SP16	35
AU16	42				

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Course Number	Course Name	Type	Credits	Semester	Students
				SP17	35
				AU17	29
				SP18	29
				AU18	30
CRPLAN 6910	Comprehensive Planning Studio: Fayette County Hazard Mitigation Plan	Studio	6	AU14	13
CRPLAN 6950/ 4910S	Transportation Studio: Pataskala Bicycle & Pedestrian Corridor Mobility Plan	Studio	6	AU17	15
CRPLAN 6960	Sustainability Studio: Perry County Hazard Mitigation Plan	Studio	6	AU16	14
	Sustainability Studio: Guernsey County Hazard Mitigation Plan			AU18	8
CRPLAN 6960/ 4900S	Sustainability Studio: Johnstown Parks & Greenway Plan	Studio	6	SP17	17
CRPLAN 6970/ 4900S	International Development Studio: Ghana Sustainable Change	Studio	6	SP15	16
	International Development Studio: Ghana Sustainable Change & U.S. Virgin Islands			SP18	15
CRPLAN 6970/ 6798/4900/4798	International Development Studio & Study Abroad: Ghana Sustainable Change	Studio	6 / 3	SP16	9 / 3
CRPLAN 8300	General Practicum: Columbus Quarters: Community Campus for Military Veterans, James Ryan	Field	3	SP14	1
	General Practicum: Planning Communities for Young Professionals: A Case Study of Grandview Heights OH, Erik Smith			SP14	1
	General Practicum: Transit-Oriented Development Feasibility Study for Cleveland Avenue BRT, John Waltrip			SP17	1
	General Practicum: Jersey Township Park Plan, Shawn Klein			SP18	1
	General Practice: Whitehall Complete Streets Policy, Ali Isse			SP18	1

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Supervised Student Work: CRPLAN 4193, Undergraduate Independent Studies

- “Energy Planning,” Brandon Sieniawski, Fall 2018
- “Ohio Passenger Rail Feasibility Study,” Cindy Barron, Spring 2017
- “Nuclear Power Facilities: Accident Preparedness and Response,” Hannah Kleman, Summer 2016
- “Brown Hall Site Redevelopment Plan,” Ryan Laber, Summer 2015
- “Initial Study of Possible Connections Between Kumasi and Accra,” Nicholas Frye, Summer 2015
- LEED & Green Building Studies, Andrew Bowsher, Summer 2015
- “Chip-In App Presentation,” Vasilina Yakumithis, Spring 2015
- “Franklinton Redevelopment Proposal,” Rebecca Caprini, Spring 2015
- “North Street Park Plan,” Richard Lott, Spring 2015
- Ghana Program Fundraising Activities, Natalie McClaine, Spring 2014
- “Urban Sound Planning: A Case Study of Understanding and Mitigation Noise Pollution in An Urban Environment,” Evan Bunner, Spring 2014
- “Chiapas & Oaxaca Mexico: Improving Water Conditions and Electricity Expansion,” Richard Silva, Spring 2013

Supervised Student Work: CRPLAN 6193, Graduate Independent Studies

- “Underground City,” Daniel Welles, Fall 2018
- “Underground City,” Christian Cervantes, Summer 2018
- “NEPA and CEPA Processes & Evaluation,” Eric Roberts, Spring 2018
- “Hyperloop Feasibility,” Laney Ellzey, Spring 2018
- “Energy from Waste in Ohio,” Ruchi Vasudev, Spring 2018
- “Orange Township Complete Streets Policy,” Nicholas Badman, Spring 2018
- CPT Internship Paper, Ruchi Vasudev, Spring 2018
- CPT Internship Paper, Sayee Mudholkar, Spring 2018
- Complete Streets Practicum Research, Ali Isse, Fall 2017
- GIS & Python Studies, Thomas Leonard, Fall 2017
- “Graphic Design for Portfolios,” Alyssa Sexton, Fall 2017
- CPT Internship Paper, Ruchi Vasudev, Fall 2017
- CPT Internship Paper, Sayee Mudholkar, Fall 2017
- “Graphic Design for Portfolios,” Zhangjun Lu, Summer 2017
- CPT Internship Paper, Sayee Mudholkar, Summer 2017
- Green Building Methods for Planning, Kwabena Agyekum, Summer 2017
- “Johnstown Downtown Market Analysis & Development Strategies,” Zhangjun Lu, Spring 2017
- “Planning Firm Business Plan,” Philip Ashear, Spring 2017
- “Planning Firm Business Plan,” Brett Morris, Spring 2017
- “Graphic Design for Portfolios,” Tyler Bender, Spring 2017

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- “Graphic Design for Portfolios,” Josh Kubitza, Spring 2017
- “Graphic Design for Portfolios,” Guadalupe Alvarez, Spring 2017
- “Graphic Design for Portfolios,” Ben Barcroft, Spring 2017
- “Graphic Design for Portfolios,” Lindsey Elam, Spring 2017
- “Form-Based Code Applicability in Newark, Ohio,” Matthew Jenks, Fall 2016
- “Underground City Course,” Avi Epstein, Fall 2016
- “Historic Preservation Planning,” Zhangjun Lu, Fall 2016
- “LEED for Planners,” Ben Barcroft, Fall 2016
- “LEED for Planners,” Ryan Dittoe, Fall 2016
- “LEED for Planners,” Tyler Bender, Fall 2016
- “LEED for Planners,” Lindsey Elam, Fall 2016
- “LEED for Planners,” Jordan Henderson, Fall 2016
- “LEED for Planners,” Mat Jenks, Fall 2016
- “Huber Village Road Complete Street Revisioning Plan,” Avi Epstein, Summer 2016
- “Northwest Columbus Crosswalk Study,” Eric Gayetsky, Summer 2016
- “Graphic Design for Portfolios,” Belkis Schoenhals, Summer 2016
- “Mapping Project in OND, Ghana,” Brett Morris, Summer 2016
- “Green Building Methods in Planning”, Guadalupe Alvarez, Spring 2016
- “Green Building Methods in Planning”, Eric Gayetsky, Spring 2016
- “Green Building Methods in Planning”, Pattarin Jarupan, Spring 2016
- “Green Building Methods in Planning”, Billynda Lyon, Spring 2016
- “Green Building Methods in Planning”, Michele Boni, Spring 2016
- “Green Building Methods in Planning”, Matt Dean, Spring 2016
- “Green Building Methods in Planning”, Josh Kubitza, Spring 2016
- “Green Building Methods in Planning”, Belkis Schoenhals, Spring 2016
- “Safe Routes to School Grant Writing”, Pattarin Jarupan, Spring 2016
- “Safe Routes to School Grant Writing”, Billynda Lyon, Spring 2016
- “The Next Great Thing: How Socialism has led to the Global Expansion of Gay Rights”, Gabe Filer, Spring 2016
- Professional Development Research, Nicholas Warren, Spring 2016
- Council of Development Finance Agencies Internship Paper, Tengkun Song, Spring 2016 (International Student Work Requirement)
- Council of Development Finance Agencies Internship Paper, Tengkun Song, Fall 2015 (International Student Work Requirement)
- “Sustainable Agriculture Practices,” Luan Nguyen, Fall 2015
- “Local Historic Districts, Thesis Research,” Pattarin Jarupan, Summer 2015

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Council of Development Finance Agencies Internship Paper, Tengkun Song, Summer 2015
(International Student Work Requirement)

“Rural and Small Town Planning Course Design,” Kevin Buettner, Summer 2015

“Leveraging TOD to Deliver Transit Infrastructure for Weak Markets” Thesis Research, Nicholas Emenhiser, Summer 2015

Underground City Design, Josh Vidmar, Spring 2015

GIS Web Application for Agricultural Organizations, Ting Feng, Spring 2015

“K-12 School Facility Planning and Design for the 21st Century: A Green Perspective,” Kelsey Mailman, Fall 2014

“Study of Ecological Urban Planning in Beijing,” Man Liang, Fall 2014

Professional Development, Miao Zhou, Fall 2014

“Beijing National Stadium Sustainable Development Study,” Miao Zhou, Fall 2014

Thesis Ideas Research, Pattarin Jarupan, Fall 2014

“Green Valuation: A New Paradigm in Real Estate Appraising,” Kelsey Mailman, Summer 2014

“Ghana Sustainable Change Program: Performance Management Plan,” Amber Gray, Summer 2014

“Meaning IN Place: Placemaking in the African American Community,” Chloe Greene, Summer 2014

Professional Development Activities, Gretchen Witte, Fall 2013

Practicum Research Ideas, Erik Smith, Practicum Prep, Fall 2013

Practicum Research Ideas, James Ryan, Fall 2013

“Anaerobic Digestion: Project Feasibility,” Patrick Miller, Fall 2012

Member, Master’s CRP Thesis Committee

Ryan Vogel, *Urban Forestry* (Fall 2016-present)

Nicholas Emenhiser, “Best Practices in Public-Private Partnership Strategies for Transit-Oriented Development,” (2015-2016)

Student Grants

“Ghana GIS Research Project,” Danny Berghoff, Research Scholar Award, Fall 2014: \$1,000

“Goal Attainment Evaluation: Ghana Sustainable Change,” Brittany Baker, OSU Department of Economics Research Grant, June 2014: \$600

Course Evaluation Peer Reviews

Conducted by Kyle Ezell, CRPLAN 6970/4900S (Spring 2018)

Conducted by Gulsah Akar, CRPLAN 5500 (Fall 2014)

Conducted by Phil Viton, CRPLAN 3000 (Spring 2014)

University Center for the Advancement of Teaching (UCAT) Training & Course Evaluation

Course Evaluation, CRP5500, Fall 2014 (see assessment)

Course Design Institute Completion, CRP3620, December 2014 (see certificate)

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Training Courses: Facilitating Classroom Discussion (2012), Student Learning 101 (2012), Techniques for Motivating Students (2012), Planning a Class Session (2012)

SERVICE

The Ohio State University - University and College of Engineering Service

Reviewer, Outreach and Engagement Community Leader Award Applications (2018)

Participant, Smart Cities Initiatives - meetings, discussions, potential projects (2017-2018)

Member, Humanitarian Engineering Committee (2016-present)

- Serving as Knowlton School representative
- Created Global Option program for CRP Undergraduate program
- Serving as CRP liaison for new Global Sustainable Village project; assisting with implementation of Connect & Collaborate Grant and BETHA Grant

Participant, College of Engineering Clinical Faculty Group (2017-present)

- Attended meetings, possible formation of committee
- Participated in President's Clinical Faculty Lunch in Spring 2017

Member, University Sustainability Goals Committee, Outreach & Engagement Sub-Committee (2015)

Faculty Representative, University Natural Hazard Mitigation Plan Team, The Ohio State University, (2014-2015)

The Ohio State University - Knowlton School and City & Regional Planning Section Service

Coordinator, City & Regional Planning Internship Program (2013-present)

Manage Graduate Internship Program (2013-present) and OSU/MORPC Undergraduate Internship Program (2015-present); Coordinate annual spring City & Regional Planning/APA-OH Celebration Event (2014-present); Created new Professional Development website for students (2018)

<https://u.osu.edu/crpprofdev/>.

Coordinator, Certification Maintenance Provider Program, American Institute of Certified Planners (2017-present)

Coordinator, Ghana Sustainable Change Program (2013-2017)

Managed the Ghana Sustainable Change Service Learning Program; 2 study abroad trips, 3 studios, 1 grant; transitioned to an Engineering-led program in 2017. Website:

<http://u.osu.edu/ghanasc>.

Member, City & Regional Planning Concentration Review Committees (2017-2018)

International Development (Coordinator); Transportation (Member); Studio (Member); and Society & Design (Member)

Participant, Planning for Autism Charrette by Kyle Ezell (2018)

Participant, Diversity & Inclusion World Café by Jason Reece (2018); Organizer assistance, Sex & Gender Based Discrimination World Café (2018)

Member, Gallery Committee, Knowlton School (2013-2015)

Member, Undergraduate Committee, City & Regional Planning (2013-2015)

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Member, Awards Committee, City & Regional Planning (2013-2014)

Reviewer, Course Evaluation Peer Reviews:

Toby Rittner, CRPLAN 3400 (Fall 2017)
Amy Wade, CRPLAN 6610 (Fall 2017)
Denis Ay, CRPLAN 4597 (Fall 2016)
Zhenhua Chen, CRPLAN 5001 (Fall 2016)
Chad Gibson, CRPLAN 6910 (Fall 2016)
Jesus Lara, CRPLAN 3200 (Fall 2016)
Jason Sudy, CRPLAN 6400 (Fall 2015)
Maatijs Van Maassakers, CRPLAN 3300 (Spring 2015)

The Ohio State University - Student Groups

Faculty Advisor, SPLASH: Sustenance Student Organization (2014-2016)

Mentor, Women in Engineering Program, The Ohio State University (2004-2009)

Leadership & Community Service

Member, Community Planning Assistance Team, American Planning Association (2013-present)
Provide pro-bono planning services to communities around the U.S.; Working on new CPAT-University Initiative Team to increase involvement of students

Co-Chair & Member, Rocky Fork Blacklick Accord Implementation Panel, City of Columbus (2014-present)

Member, Ohio Transportation Engineering Conference Program Committee (2017-present)

Session Moderator, Ohio Transportation Planning Conference (2018)

Member, Energy & Air Quality Committee, Mid-Ohio Regional Planning Commission (2014-present)

Member, Citizen Advisory Board for Comprehensive Plan, City of Westerville OH (2014-2017)

Member, Planning Commission, City of Westerville OH (2006-2009)

Women's Transportation Seminar International & Columbus Chapter

Participant, WTS International Leadership Program (2009); Past President, Columbus Chapter (2009-2011), President, Columbus Chapter (2008-2009); Legislative Co-Chair, Columbus Chapter (2008-2009); Vice President, Columbus Chapter (2006-2007); and Communications Chair, Columbus Chapter (2004-2006).

Professional Affiliations & Memberships

American Planning Association (2002-present)

- American Institute of Certified Planners (2002-present)
- Transportation Division Member (2002-present)
- Hazard Mitigation Division Member (2017-present)
- Women & Planning Division Member (2017-present)
- Sustainable Communities Division Member (2017-present)
- International Development Division Member (2018-present)
- Environment, Natural Resources and Energy Division Member (2017-present)
- Ohio Chapter (2002-present)

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American Solar Energy Society (2009-present)

American Society of Civil Engineers (1997-present)

Complete Streets Coalition, Bronze Level Partner (2012-present)

Green Energy Ohio, Member (2009-present)

Transportation Research Board, ADC 40 Committee on Transportation-Related Noise & Vibration (Friend), (2013-present)

U.S. Green Building Council (2013-present)

Women's Transportation Seminar (2002-2013)

CONSULTING/PRACTICE PROJECTS

Consulting, Miscellaneous, 2014-present

Instructor, "Hazard Mitigation Planning Fundamentals for Communities" 100%
Sustainable City Network, (2018-present)

Instructor, "AICP Certified Transportation Planner E-Learning Course" 100%
Planetizen (2014-present)

Projects, Burton Planning Services, 2008-present

Statewide Safety Studies Task Order: ATB-307-3.22 Safety Study (2015-2017) 29%

Client: Ohio Department of Transportation
Description: As part of the Statewide Safety Studies Task Order contract, BPS staff prepared a formal safety study for ATB-307-3.22.

Statewide Safety Studies Task Order: POR-43-3.87 Safety Study (2015-2016) 5%

Client: Ohio Department of Transportation
Description: As part of the Statewide Safety Studies Task Order contract, BPS staff prepared a formal safety study for POR-43-3.87.

Statewide Safety Studies Task Order: STA-21-16.53 Safety Study (2015-2016) 5%

Client: Ohio Department of Transportation
Description: As part of the Statewide Safety Studies Task Order contract, BPS staff prepared a formal safety study for STA-21-16.53.

Statewide Safety Studies Task Order: STA-93-15.03 Safety Study (2015-2016) 5%

Client: Ohio Department of Transportation
Description: As part of the Statewide Safety Studies Task Order contract, BPS staff prepared a formal safety study for STA-93-15.03.

Statewide Safety Studies Task Order: SUM-271-4.75 Safety Study (2015-2016) 5%

Client: Ohio Department of Transportation
Description: As part of the Statewide Safety Studies Task Order contract, BPS staff prepared an abbreviated safety study for SUM-271-4.75.

Statewide Safety Studies Task Order: TRU-193-9.59 Safety Study (2015-2016) 5%

Client: Ohio Department of Transportation
Description: As part of the Statewide Safety Studies Task Order contract, BPS staff prepared a formal safety study for TRU-193-9.59.

Statewide Safety Studies Task Order: ROS-159-0.53 Safety Study (2015-2016) 5%

Client: Ohio Department of Transportation

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Description: As part of the Statewide Safety Studies Task Order contract, BPS staff prepared a formal safety study for ROS-159-0.53.

Statewide Environmental Online Training Task Order: Waterway Permits Online Training Course (2014-2017) 5%

Client: Ohio Department of Transportation, Office of Environmental Services
Description: As part of the Statewide Environmental Online Training Task Order contract, BPS staff worked with ODOT to develop modules using the Lectora Software to convert existing environmental training to an online version for Waterway Permits.

Statewide Environmental Online Training Task Order: Waterway Permits Online Training Course (2014-2017) 5%

Client: Ohio Department of Transportation, Office of Environmental Services
Description: As part of the Statewide Environmental Online Training Task Order contract, BPS staff worked with ODOT to develop modules using the Lectora Software to convert existing environmental training to an online version for Traffic Noise Analyses.

Statewide Environmental Online Training Task Order: Waterway Permits Online Training Course (2014-2017) 5%

Client: Ohio Department of Transportation, Office of Environmental Services
Description: As part of the Statewide Environmental Online Training Task Order contract, BPS staff worked with ODOT to develop modules using the Lectora Software to convert existing environmental training to an online version for Floodplain Policies.

Statewide Traffic Counts Task Order: Fairfield County Traffic Counts (2015-2016) 5%

Client: Ohio Department of Transportation
Description: As part of the Statewide Traffic Counts Task Order contract, BPS staff performed traffic counts in Fairfield County, Ohio.

Statewide Traffic Counts Task Order: Franklin County Traffic Counts (2015-2016) 5%

Client: Ohio Department of Transportation
Description: As part of the Statewide Traffic Counts Task Order contract, BPS staff performed traffic counts in Franklin County, Ohio.

Earthen Berm Noise Reduction Analysis (2015-2017) 11%

Client: Ohio Department of Transportation, Office of Research & Office of Environmental Services
Description: BPS staff conducted a research project on noise mitigation effectiveness of earthen berms as compared to structural noise walls through field data collection and analysis of 46 earthen berm and structural wall locations around Ohio.

Statewide Ecological Resources/Permitting/ESA Task Order: Environmental Document Online Training Class (2015-2016) 5%

Client: Ohio Department of Transportation, Office of Environmental Services
Description: As part of the Statewide Ecological Resources/Permitting/ESA Task Order contract, BPS staff assisted with the development of the categorical exclusion environmental document online training course.

Statewide Preliminary Engineering & Environmental Evaluations: MOT-49-10.73 Environmental Study (2015-2016) 5%

Client: Ohio Department of Transportation
Description: As part of the Preliminary Engineering & Environmental Evaluations Task Order contract, BPS staff completed an environmental literature study for the MOT-49-10.73 project.

Statewide Preliminary Engineering & Environmental Evaluations: HAN-75/99-19.30/20.22 Traffic Impact Study (2016) 5%

Client: Ohio Department of Transportation
Description: As part of the Preliminary Engineering & Environmental Evaluations Task Order contract, BPS staff assisted with the

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preparation of a traffic impact study for the HAN-75/99-19.30/20.22 project.

District 11/District 4 Environmental Services: CAR-171/542-1.92/9.39 Culvert Replacement (2016) 5%

Client: Ohio Department of Transportation, District 11 Office

Description: As part of the District 11/District 4 Environmental Services Task Order contract, BPS staff prepared the environmental document, environmental site assessment literature search, and Section 106 coordination for the CAR-171/542-1.92/9.39 Culvert Replacement project.

District 11/District 4 Environmental Services: HOL-39/62-4.27/14.94 Culvert Replacement (2016-2017) 17%

Client: Ohio Department of Transportation, District 11 Office

Description: As part of the District 11/District 4 Environmental Services Task Order contract, BPS staff prepared the environmental document and pre-construction notification for the HOL-39/62-4.27/14.94 Culvert Replacement project.

District 11/District 4 Environmental Services: MAH-11-14.12 Type II Noise Analysis (2016) 10%

Client: Ohio Department of Transportation, District 4 Office

Description: As part of the District 11/District 4 Environmental Services Task Order contract, BPS staff completed a Type II noise analysis, including noise barrier analysis, for MAH-11-14.12.

Brandt Pike Corridor Revitalization Plan (2016-2017) 5%

Client: City of Huber Heights, Ohio

Description: BPS staff developed a corridor revitalization plan for the City's main thoroughfare, Brandt Pike, in order to transform the high-speed, congested roadway with high vacancy rates into a thriving, multi-modal corridor that could act as the economic, civic, and cultural hub of the City.

District 2 Environmental Services Task Order: LUC-475-00.56 Noise Analysis (2013-present) 39%

Client: Ohio Department of Transportation, District 2

Description: As part of the District 2 Environmental Services Task Order contract, BPS staff performed a Type I noise analysis, including noise barrier analysis and noise public involvement, for the LUC-475-00.56 interstate widening project.

District 4 Environmental Services Task Order: SUM-77-24.18 Noise & Air Quality Analysis (2015-2018) 42%

Client: Ohio Department of Transportation, District 4

Description: As part of the District 4 Environmental Services Task Order contract, BPS staff performed a Type I noise analysis, including noise barrier analysis and a qualitative MSAT analysis for the SUM-77-24.18 interstate widening project.

Eastern Union County Transportation Thoroughfare Plan (2015-present) 9%

Client: Union County Engineer, Ohio

Description: BPS staff created a multi-modal transportation thoroughfare plan for the eastern part of Union County, Ohio, including Jerome and Millcreek townships. The plan will serve as a guide for the development of a safe, efficient, and effective transportation network into the future.

Old Worthington Bicycle and Pedestrian Plan (2015-2018) 20%

Client: City of Worthington, Ohio

Description: BPS staff prepared a bicycle and pedestrian plan focused on the uptown area of the City, including recommendations for shared-used paths, bicycle boulevards, traffic calming, and pedestrian crossings.

Dayton Transportation Plan 2040 (2015-2017) 12%

Client: City of Dayton, Ohio

Description: BPS staff prepared a city-wide Complete Streets plan through best practices research, emerging trends identification, existing and future conditions analysis, development of typologies, and public

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involvement activities. The plan will serve as a guide in the design of the City's transportation projects through the year 2040 in order to make the City more multi-modal, livable, and sustainable.

Westerville Zoning Code Update, Project Management Contract (2015-present) 5%

Client: City of Westerville, Ohio

Description: BPS staff are assisting with the update of the City's zoning code and subdivision regulations through consultant management activities, public and stakeholder engagement, zoning research and reviews, and overall management of the schedule and tasks.

District 11/District 4 Environmental Services: TUS-416-8.94 Culvert Replacement (2016-2017) 19%

Client: Ohio Department of Transportation, District 11 Office

Description: As part of the District 11/District 4 Environmental Services Task Order contract, BPS staff prepared the environmental document and pre-construction notification for the TUS-416-8.94 Culvert Replacement project.

District 11/District 4 Environmental Services: BEL-149-16.52 Culvert Replacement (2016-2017) 21%

Client: Ohio Department of Transportation, District 11 Office

Description: As part of the District 11/District 4 Environmental Services Task Order contract, BPS staff prepared the environmental document, ecological studies, Section 106 coordination, and pre-construction notification for the BEL-149-16.52 Culvert Replacement project.

District 11/District 4 Environmental Services: MAH-680-2.07 Type II Noise Analysis (2016-2017) 41%

Client: Ohio Department of Transportation, District 4 Office

Description: As part of the District 11/District 4 Environmental Services Task Order contract, BPS staff completed a Type II noise analysis, including noise barrier analysis, for MAH-680-2.07.

District 11/District 4 Environmental Services: SUM-277-0.16 Type II Noise Analysis (2016-2018) 43%

Client: Ohio Department of Transportation, District 4 Office

Description: As part of the District 11/District 4 Environmental Services Task Order contract, BPS staff completed a Type II noise analysis, including noise barrier analysis, for SUM-277-0.16.

District 11/District 4 Environmental Services: MAH-680-9.23 Type II Noise Analysis (2016-2017) 39%

Client: Ohio Department of Transportation, District 4 Office

Description: As part of the District 11/District 4 Environmental Services Task Order contract, BPS staff completed a Type II noise analysis, including noise barrier analysis, for MAH-680-9.23.

District 11/District 4 Environmental Services: BH FY2018 Bridge/Culvert Maintenance Environmental Study (2017-2018) 52%

Client: Ohio Department of Transportation, District 4 Office

Description: As part of the District 11/District 4 Environmental Services Task Order contract, BPS staff prepared the environmental document and assisted with the ecological studies for the BH FY2018 Bridge/Culvert Maintenance project.

Transportation Systems Management & Operations Plan (2016-present) 11%

Client: Ohio Department of Transportation

Description: The TSMO Plan is a formalized plan that serves as the basis for implementing short and long-term improvements and organizational restructuring for ODOT on a statewide basis. BPS staff assisted with the development of the plan through best practices research, stakeholder engagement, policy development, and branding. In addition, BPS staff created a statewide Environmental Justice Index Tool, a climate variability study, and is developing online training to support the plan.

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Lawrence County Bicycle and Pedestrian Plan (2016-present) 13%

Client: KYOVA Interstate Planning Commission

Description: As part of the Lawrence County Non-Motorized Study contract, BPS staff prepared the Lawrence County Bicycle and Pedestrian Plan in order to promote active transportation connections throughout the urbanized and rural areas of the County.

Ironton Bicycle and Pedestrian Plan (2016-present) 11%

Client: KYOVA Interstate Planning Commission

Description: As part of the Lawrence County Non-Motorized Study contract, BPS staff prepared the Ironton Bicycle and Pedestrian Plan that focused on a detailed active transportation plan for the City of Ironton.

Dorr Street Interchange Noise & Air Quality Analyses (2016-present) 49%

Client: Lucas County Transportation Improvement District

Description: BPS staff prepared a noise analysis, including noise barrier analysis and noise public involvement, and a qualitative MSAT analysis for the Dorr Street Interchange project.

County Road 25-A Corridor Master Plan (2017-present) 5%

Client: Miami County Commissioners, Ohio

Description: BPS staff prepared a Master Development Plan for the County Road 25-A Special Planning Area located between the cities of Piqua and Troy, Ohio. The goal of the plan was to create an implementable strategy for the undeveloped lands and existing infrastructure in the corridor in keeping with the unique characteristics of the area and preserving the rural features.

Active Transportation Academy Training Services (2017-present) 12%

Client: Ohio Department of Transportation

Description: BPS staff is working with ODOT's Local Technical Assistance Program to update and expand the existing Safe Routes Academy into an Active Transportation Academy. Activities include rebranding and outreach,

course updates, new course development, online training conversions, and in-person instruction throughout communities in Ohio.

Statewide Environmental Site Assessments Task Order (2017-present) 18%

Client: Ohio Department of Transportation, Office of Environmental Services

Description: BPS staff is assisting on the Statewide Environmental Site Assessments Task Order project via field work and manual reviews and testing to-date.

US-52 Interchange Feasibility Study (2017-present) 13%

Client: KYOVA Interstate Planning Commission

Description: BPS staff is assisting on this interchange feasibility study, which is determining a potential new location for an interchange in the community of Burlington. BPS tasks include: Purpose & Need Statement, Existing Conditions inventory and report, Environmental Conditions mapping and report, and public involvement assistance.

US-23 Interchange Modification Study (2017-present) 23%

Client: City of Sylvania, Ohio

Description: Description: BPS staff is assisting on this interchange modification study, which is evaluating the reconstruction of the existing US-23 interchange with Monroe Street and Alexis Road in the City of Sylvania. BPS tasks include: Purpose & Need Statement, alternatives development, Public Involvement Plan, and public involvement assistance.

Grandview Consulting Services: Contextual Analysis for 1574-1578 West First Avenue (2017-present) 5%

Client: City of Grandview, Ohio

Description: As part of the Grandview Consulting Services contract, BPS staff prepared a contextual analysis for the 1574-1578 West First Avenue site in order to help the City visualize and select a preferred development plan for the area.

Dayton Sustainability Plan (2017-present) 18%

Client: City of Dayton, Ohio

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Description: BPS staff is assisting in the preparation of a sustainability plan for the City of Dayton that will implement sustainable practices into all City services, facilities, plans and programs. The plan is intended to be community-driven, so an extensive public engagement process was used to develop the vision, goals, and strategies for the plan.

Johnstown Online Comprehensive Plan (2018-present) 7%

Client: Village of Johnstown, Ohio

Description: BPS staff is working with the Village to update their Comprehensive Plan and then convert into an online, interactive format that is accessible to the public and easily updated over time.

Downtown Toledo Transportation Plan (2018-present) 5%

Client: City of Toledo, Ohio

Description: BPS staff is assisting on this transportation plan for Toledo's Downtown Area. BPS will focus on multi-modal option, biking and walking facility, traffic calming, and other Complete Streets concept to make the Downtown a more walkable, bikeable place.

Warren County Bike Path (2014-2016)

Client: City of Mason, Ohio

BPS provided environmental studies and clearances that include ESA screenings, CE Document, Section 4(f)/6(f), and a Level I Ecological Survey Report.

Massillon Road Improvement Project (2014)

Client: City of Green, Ohio

BPS assisted with the noise field work and noise readings for this project.

Statewide Online Training Conversion (2014-2016)

Client: Ohio Department of Transportation, Office of Environmental Services

BPS worked with the ODOT OES and the E-Learning Center to develop modules using the Lectora Software to convert existing environmental training to an online version. Training courses included: Waterway Permits, Noise Analyses, and Floodplain Policies.

Generations Traffic Study (2014)

Client: Generations Performing Arts Center
BPS served as the prime consultant to perform a traffic impact study to analyze the potential impacts for redevelopment of the site at 33 East Park Street within the Uptown District in Westerville, Ohio.

US-42 Access Management Study (2014-2015)

Client: Ohio Department of Transportation, District 6

BPS served as the prime consultant for this project, which involved studying a 33-mile section of US-42 from the City of London to Delaware. The project included field studies, traffic studies and analyses, signal warrants, crash analyses, public involvement outreach activities, multi-modal considerations, and access management recommendations.

Unsewered Communities Feasibility Study (2014-2015)

Client: Miami Valley Regional Planning Commission

BPS provided public involvement and outreach services and completed environmental evaluations for the sewer feasibility studies for five communities in the Dayton area. BPS assisted with populating the project's website, coordinating steering committee meetings, developing public meeting handouts, attending public meetings and providing summaries of comments, assembling and summarizing public involvement for each community, and performing environmental assessments of the potential sites.

Statewide Ecological Services (2014-2016)

Client: Ohio Department of Transportation, Office of Environmental Services

BPS served as a subconsultant for this task order project and completed 5 work orders, including HEN/LUC-6/24-24.10/0.00, a Wetland Delineation Study and supplemental tree planting; ASD-42-7.75, a Section 404 PCN for an interchange conversion; LOR-252-2.30, a pre-construction notification; BRO-763-1.02, assistance on a waterway permit; and ROS-23-9.26, assistance on a waterway permit.

Statewide Safety Services (2014-present)

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Client: Ohio Department of Transportation,
Central Office

BPS is serving as a subconsultant for this task order project. This task order involves assisting ODOT Central and District Offices with safety studies. BPS has completed for 8 studies in District 8, 7 studies in District 11, 8 studies in District 6, and 4 studies in District 12. Currently underway is 1 study in District 9 and 6 in District 4, for a total of 34 safety studies.

VAN-127 Roadway Rehabilitation Project (2014-2015)

Client: City of Van Wert, Ohio

BPS performed various environmental studies and clearances for this project, including a CE Level 1, Section 106 Request for Review, a Level 1 ESR, and an Environmental Site Assessment Screening.

Ada Safe Routes to School Sidewalk Project (2014)

Client: Ada School District, Ohio

BPS performed various environmental studies for this project. BPS prepared a CE Level 1 and associated studies, which include Section 106 Request for Review and a Level 1 ESR.

Statewide Environmental Services CEAO (2014-2016)

Client: Ohio Department of Transportation,
Office of Environmental Services

BPS served as the prime consultant for this environmental task order contract for the County Engineers Association of Ohio. BPS completed 17 work orders that included, environmental documents, Section 106 Request for Reviews, mussel surveys, ecological survey reports, waterway permit determinations, asbestos inspections, cultural resources, and environmental site assessments.

Transit System Review (2013-2014)

Client: Central Ohio Transit Authority

BPS served as a subconsultant for this transit planning study. BPS assisted with route development and public involvement activities.

Statewide Environmental Services (2013-2015)

Client: Ohio Department of Transportation,
Office of Environmental Services

BPS served as a subconsultant for this environmental task order contract. BPS completed three work orders - a noise barrier re-analysis of the Portsmouth Bypass; environmental activities on WAY/ASD-301 for the rehabilitation and replacement of two culverts, which included a Level 1 ESR, waterway permit determination packages, and USACE Section 404 PCN; and assistance with updating the ODOT Waterway Permit Manual.

District 2 Environmental Services (2013-2016)

Client: Ohio Department of Transportation,
District 2

BPS is serving as the prime consultant for this environmental task order contract. BPS has received 10 work orders that have included, environmental documents, Section 106 Request for Reviews, mussel surveys, ecological survey reports, waterway permit determinations, individual 404/401 permit package, noise studies, asbestos inspections, environmental site assessments, and pre-construction notifications.

General Planning Services (2013-2014)

Client: Clark County-Springfield Transportation
Coordinating Committee

BPS served as a subconsultant on this task order contract. BPS completed a Bicycle & Pedestrian Plan for the Croft Road Corridor Study.

Ohio Transit Assistance Program (2013-2014)

Client: Ohio Department of Transportation,
Office of Transit

BPS was the prime consultant on this transit task order contract and worked on a service evaluation for Perry County Transit.

Statewide Ecological County Mapping (2013)

Client: Ohio Department of Transportation,
Office of Environmental Services

BPS served as the subconsultant on this contract and assisted with the preparation of an ecological 'flipbook' for identification of ecological features in the field.

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US-36 Landscaping Beautification Project (MIA-36-11.55) (2013)

Client: City of Piqua, Ohio
BPS prepared a Maintenance of Traffic plan for the City of Piqua for the phased construction and installation of new aesthetic improvements and landscaping features for the eastern gateway into the City.

Ravenna to Rootstown R2R Corridor Planning Study (2012-2013)

Client: Akron Metropolitan Area Transportation Study
BPS served as the planning subconsultant for this project, and produced two planning studies. The first was a Transit Connectivity Plan that identified transit improvements in the corridor, and the second study explored various alternatives to address the safety aspects of a substandard railroad overpass.

Statewide Environmental Services (2012-2014)

Client: Ohio Department of Transportation, Office of Environmental Services
BPS served as a subconsultant for this task order contract. BPS completed the **LOR-480 Turnpike Rumble Strip and Noise Study** in North Ridgeville, Ohio, and assisted with the creation of the **Planning and Environmental Process Manual**.

Noise Barrier Inventory Update (2012)

Client: Ohio Department of Transportation, Office of Environmental Services
BPS worked with ODOT OES staff to update ODOT's Noise Barrier Inventory database through researching Central Office and District Office records.

District 4 Environmental Services (2012-2013)

Client: Ohio Department of Transportation, District 4
BPS served as the environmental, public involvement, noise and air quality subconsultant for this task order contract. Under this task order, BPS worked on **MAH/TRU-80-4.50/0.00**, a 6-mile widening of I-80 in Mahoning and Trumbull counties. BPS performed the noise analysis, barrier analysis,

noise public involvement, environmental justice analysis, and public involvement activities.

CR-17 Widening Project (SUM-CR17-7.44) (2012)

Client: City of Norton, Ohio
This project involved widening CR-17 in the City of Norton. BPS completed the noise analysis for the project to determine the potential noise impacts on the surrounding area.

Statewide Ecological Services (2012-2014)

Client: Ohio Department of Transportation, Office of Environmental Services
BPS served as a subconsultant for this task order project. BPS completed three years of field work assistance on two wetland monitoring projects: **PAU/DEF-24-0.00/0.00** and **HEN/LUC-6/24-24.10/0.00**.

Statewide Safety Services (2012-2013)

Client: Ohio Department of Transportation, Central Office
BPS served as a subconsultant for this task order project. This task order involved assisting ODOT Central and District Offices with safety studies. BPS completed safety studies for **11 projects** in Districts 3, 6, 9 and 12.

District 4 Environmental Services (2012)

Client: Ohio Department of Transportation, District 4
BPS served as a subconsultant for this task order contract. BPS completed two noise analyses for the **SUM-93-6.92** project, a widening of SR93 in Akron, Ohio, and the **SUM-76/77-11.27/12.12** project, a road relocation project in Akron, Ohio.

Type II Noise Barrier Program Study (2011)

Client: Ohio Department of Transportation, Office of Environmental Services
BPS worked with ODOT OES staff to update ODOT's Type II Noise Barrier Program by evaluating complaints received from the public, calculating preliminary costs and scores, and developing a spreadsheet and process for future updates to the Type II program.

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SR-91 Widening Project (SUM-91-21.11) (2011)

Client: City of Twinsburg, Ohio

This project involved widening SR-91 in the City of Twinsburg. BPS performed the noise analysis for the project to determine the potential noise impacts on the surrounding area.

Statewide Safety Services (2010-2012)

Client: Ohio Department of Transportation, Central Office

BPS served as a subconsultant for two concurrent task order contracts. These task orders involved assisting ODOT Central and District Offices with safety studies. Under this contract, BPS completed various components of safety studies on **19 projects** located around Ohio in Districts 2, 3, 6 and 8.

Statewide Safety Services (2011-2012)

Client: Ohio Department of Transportation, Central Office

BPS served as a subconsultant for two concurrent task order contracts. These task orders involved assisting ODOT Central and District Offices with safety studies. Under this contract, BPS completed safety studies for **seven projects** located in District 12.

City Planning Services (2009-2010)

Client: City of Newark

BPS was contracted by the City of Newark to provide City Planning services. Activities involved comprehensive planning, website updates, site plan reviews, downtown revitalization, economic development efforts, bicycle and pedestrian planning, grant applications, sustainability initiatives, complete streets planning, stimulus grant assistance, brownfield project management, zoning code updates, and a variety of other tasks.

Kenwood Towers Development (2009-2011)

Client: Neyer Properties

This project involved the redevelopment of property at the I-71/Montgomery Road Interchange in the Cincinnati, Ohio area. BPS was contracted by the developer to provide an evaluation of the noise-related impacts on nearby residences in addition to a full noise analysis and barrier analysis to explore potential removal of a portion of the existing noise wall.

Noise Expert Services (2008-2009)

Client: Mansour, Gavin, Gerlack & Manos Law Firm

BPS was contracted by MGGM on behalf of the Ohio Turnpike Commission to provide traffic noise services in the form of noise readings, studies, evaluations, and expert witness testimony.

Programs & Projects, City of Newark (2010-2011)

Program Management: Administered a variety of programs, including CDBG Entitlement, CHIP, NSP, Emergency/Minor Home Repair, Fair Housing, Demolition, Lead Hazard Control, Healthy Homes, City Planning, Economic Development, Code Enforcement, Grant Writing, and Department Accounting; Reorganized two departments to function as one to save money and make processes more efficient; Created new financial and property databases for more accurate and up-to-date tracking of programs.

Economic Development: Created several new economic development programs, including a small business loan program, downtown revitalization fund program, and city retention & expansion program; Remediation of a 60+ acre brownfield site with subsequent construction of a 5 MW solar field.

Community Development: Created a new code enforcement program to assist in addressing property maintenance issues; Obtained \$100,000+ of grant money to demolish numerous deteriorating homes.

Transportation: Completed a public transit fixed-route feasibility study and implementation plan; Connected the county's eastern and western bike routes through the downtown; Created legislation to promote complete streets policies and formed a citizens mobility committee; Completed a downtown hub study to spur redevelopment activities & provide a transition point for different modes of transportation.

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Public Engagement: Designed a new, modern, user-friendly City website for the public and potential business interests; Held free community information session on various topics.

Sustainability: Developed Newark: Healthy, Green & Growing Sustainability Initiative; Created Alternative Energy Guidance.

Projects, McCormick Taylor (2007-2008)

BUT-4B-0.00 (76290), SR 4 Bypass Widening & Intersection Improvements Study, Butler County Transportation Improvement District

Ms. Burton served as the Project Manager of the sub-contract for this project. The tasks included providing noise analysis and barrier abatement support to the prime consultant's staff.

LAK-Sperry Avenue Bridge Replacement, Lake County Engineer

Ms. Burton served as the Project Manager for this project, which included the environmental analyses and clearances required for the bridge replacement. The tasks included analysis for ecological resources, scenic river coordination, cultural resources, and hazardous materials in addition to the preparation of a Categorical Exclusion Level 2 environmental document.

LAK-Booth Road Bridge Replacement, Lake County Engineer

Ms. Burton served as the Project Manager for this project, which included the environmental analyses and clearances required for the bridge replacement. The tasks included analysis for ecological resources, scenic river coordination, cultural resources, and hazardous materials in addition to the preparation of a Categorical Exclusion Level 2 environmental document.

Noise Expert Witness, Mansour, Gavin, Gerlack & Manos Law Firm

Ms. Burton served as the Project Manager for this project. The tasks included taking noise readings, performing research, and providing information for a lawsuit concerning traffic noise.

Contee Road Widening, Maryland State Highway Administration

Ms. Burton assisted in the preliminary evaluation of potential alternatives and their impacts for this improvement project that will widen and realign Contee Road.

Environmental Services Task Order, Ohio Department of Transportation, District 4

Ms. Burton assisted in the management of this contract with 33 work orders contracted to date. Work orders included ecological resources, cultural resources, and hazardous materials studies along with environmental documents, bridge asbestos inspections, and a noise analysis. Ms. Burton assisted in the day-to-day task management, progress reports, and client meetings along with preparation of studies, environmental documents, and noise analysis.

I-80 Toll Conversion, Pennsylvania Department of Transportation & the Pennsylvania Turnpike Commission

Ms. Burton assisted in the traffic analysis for this project, which is studying the impacts of converting I-80 to a tolled facility.

LAK-Casement Avenue Realignment, Lake County Engineer

Ms. Burton assisted in the management of this project, which included the environmental analyses and clearances required to realign Casement Avenue to prevent future slip issues. The tasks included analysis for ecological resources, cultural resources, hazardous materials, and preparation of a Categorical Exclusion Level 2 document.

MRG-37/78 Feasibility Study, Ohio Department of Transportation, District 10

Ms. Burton assisted the project team in the preparing the final report for the feasibility study covering SR 37/SR 78 through five counties in District 10.

US-1/SR-201 Roadway Project, Maryland State Highway Administration

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Ms. Burton prepared the Indirect and Cumulative Effects Report and assisted in the noise analysis and barrier abatement for this project, which is studying a new/upgraded roadway along US 1/SR 201 between Washington D.C. and Baltimore, Maryland.

ATB-534 Corridor Study, Ohio Department of Transportation, District 4

Ms. Burton was the Project Planner and prepared the proposal and conducted the research for smart growth principles to be incorporated into the study.

Projects, M-E Companies (2001-2007)

ALL-155 (24488), Eastown Road Improvements, Allen County Engineer's Office

Ms. Burton served as the Project Manager of the sub-contract for this project. The tasks included assisting with the environmental document, performing noise analyses of the alternatives, field readings, and a noise barrier analysis.

BEL-70/Mall Road Interchange (77785), Transportation & Interchange Modification Study, Ohio Department of Transportation, District 11

Ms. Burton served as the Project Manager of the sub-contract for this project, which included Steps 1-4 of ODOT's PDP for Major Projects. The tasks included traffic counts, red flag field review, red flag summary, environmental exhibits for the Existing & Future Conditions Report, Purpose & Need Statement, noise & air site surveys, and public involvement activities.

Butler County Intermodal Freight Study, Butler County Port Authority

Ms. Burton served as the Project Manager of the sub-contract for this project. The tasks included creating a rail inventory database and maps for Butler County, identifying rail crossing issues, and presenting solutions for improving the substandard rail crossings in the County.

BUT-South Hamilton Crossing (81174), Railroad Grade Separation Study, City of Hamilton

Ms. Burton served as the Project Manager of the sub-contract for this project, which followed Steps 1-4 of ODOT's PDP for Minor Project. The tasks included survey work, red flag field review, red flag summary, Purpose & Need Statement, environmental document (CE3), environmental justice & disproportionate effects analyses, noise analyses of the alternatives, evaluation of alternative impacts on the community & environment, public involvement & stakeholder activities, and conceptual RAP survey (R/W evaluation).

Canal Winchester Transportation Thoroughfare Plan, Village of Canal Winchester

Ms. Burton served as the Project Manager for this project. The tasks included environmental & traffic data collection, review of existing studies, Existing & Future Conditions Report, development of transportation improvement recommendations, public and stakeholder involvement activities, and presentations of the plan to the Village Council.

FAY-207-2.97 (79941), Bridge Replacement Project, Ohio Department of Transportation, District 6

Ms. Burton served as the Project Manager of the sub-contract for this project, which followed Steps 1, 3, 4 of ODOT's PDP for Minor Project. The tasks included survey work and base mapping development.

HAM-50-32.14 (77985), US 50 Drainage Improvements Study, Ohio Department of Transportation, District 8

Ms. Burton served as the Project Manager of the sub-contract for this project, which followed Steps 1-6 of ODOT's PDP for Minor Project. The tasks included survey work and base mapping development, environmental document (CE1), and right-of-way plans.

HOC/ATH-33-17.00/0.00 (14040), Nelsonville Bypass Study, Ohio Department of Transportation, District 10

Ms. Burton served as the Project Manager of the sub-contract for this project. The tasks included performing noise analyses of the alternatives, field readings, and a noise barrier analysis.

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MOT-835-1.64 (80095), Woodman Drive/Research Blvd Intersection Improvement Project, City of Kettering

Ms. Burton served as the Project Manager for this project. The tasks included performing noise analyses of the alternatives and field readings.

SUM-8-13.30, Roadway & Interchange Improvements, Ohio Department of Transportation, District 4

Ms. Burton served as the Project Manager of the sub-contract for this project. The tasks included traffic noise field readings and a noise analysis to determine the impacts to a hotel along S.R. 8.

SUM-80/Cuyahoga River Bridge Noise Study, Mansour, Gavin, Gerlack & Manos Law Firm, representing the Ohio Turnpike Commission

Ms. Burton served as the Project Manager for this project. The tasks included traffic noise field readings and a preliminary assessment of the noise impacts to a residence along I-80.

WAR-123/63, Connector Study, City of Lebanon

Ms. Burton served as the Project Manager of the sub-contract for this project, which followed Steps 3-4 of ODOT's PDP for Minor Project. The tasks included survey work and base mapping development, environmental resource agency coordination, and right-of-way plans.

BUT-4B-0.00 (76290), SR 4 Bypass Widening & Intersection Improvements Study, Butler County Transportation Improvement District

Ms. Burton served as the Assistant Project Manager for this project, which followed Steps 1-4 of ODOT's PDP for Minor Projects. Besides assisting with the day-to-day management of the project, she also worked on public involvement activities, environmental document (CE2), noise analyses of alternatives and noise barrier analysis, environmental justice analysis, Purpose & Need Statement, red flag field review, Red Flag Summary, traffic analysis, Preliminary Engineering Study, and alternatives development and evaluation.

HAM-27-6.99, Colerain Ave Roadway Improvements Study, City of Cincinnati

Ms. Burton served as the Assistant Project Manager for this project, which followed Steps 1-4 of ODOT's PDP for Minor Projects. Besides assisting with the day-to-day management of the project, she also worked on public involvement activities, environmental justice analysis, Purpose & Need Statement, crash analysis, and alternatives development and evaluation.

MUS-93-4.69 (20428), Feasibility & Connector Study, Muskingum County Transportation Improvement District

Ms. Burton served as the Assistant Project Manager for this project, which followed Steps 1-7 of ODOT's PDP for Major Projects. Besides assisting with the day-to-day management of the project, she also worked on public involvement & stakeholder activities, environmental document (CE4), noise analyses of alternatives and noise barrier analysis, environmental justice analysis, access point study, Purpose & Need Statement, Feasibility Study, Existing & Future Conditions Report, Preliminary Alternatives Study, alternatives development and evaluation, Conceptual Alternatives Study, the Assessment of Feasible Alternatives Study, and the Preferred Alternative Verification Study.

PIC-23-15.27 (79591), South Bloomfield Bypass Study, Ohio Department of Transportation, District 6

Ms. Burton served as the Assistant Project Manager for this project, which followed Steps 1-4 of ODOT's PDP for Major Projects. Besides assisting with the day-to-day management of the project, she also worked on public involvement & stakeholder activities, noise site survey, environmental justice analysis, Purpose & Need Statement, red flag field review, Red Flag Summary, Existing & Future Conditions Report, Feasibility Study, cost estimates, and alternatives development and evaluation.

BUT/WAR-75/63-6.77/0.00 (10752), Planning Study & Interchange Modification Study, Ohio Department of Transportation, District 8

Ms. Burton was a project engineer/planner for this study and assisted in the capacity analysis using Synchro and HCS software, alternatives analysis and evaluation of both new

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- interchanges and improvements to the existing interchange in order to recommend a solution to operational and safety problems at the interchange, public involvement, environmental justice, noise analysis, environmental document, and the completion of the Planning Study Report following ODOT's former 5-Step Planning Process. In addition to the Planning Study Report, Ms. Burton assisted with the completion of the Interchange Modification Study for the project, which ultimately recommended a SPUI configuration.
- GRE-35 (Fairfield Rd to the Xenia Bypass), US 35 Corridor Study, Miami Valley Regional Planning Commission
Ms. Burton was a project engineer/planner for this study that followed ODOT's former 5-Step Planning Process. She assisted in alternatives analysis and evaluation, public involvement, environmental literature searches, environmental justice analysis, GIS mapping, Red Flag Summary, Existing & Future Conditions Report, Purpose & Need Statement, and the Planning Study Report
- HAM-27-6.49 (77484), Colerain Ave Intersection Improvement Project, City of Cincinnati
Ms. Burton was a project engineer/planner for this project, which followed Steps 1-4 of ODOT's PDP for Minor Projects. She performed the noise analysis and noise field readings.
- HAM-75-10.10 (76256), I-75 Transportation Study, Ohio Department of Transportation, District 8
Ms. Burton was a project engineer/planner for this study, which followed Steps 1-7 of ODOT's PDP for Major Projects. She assisted in alternatives analysis and evaluation, public involvement, environmental literature searches, environmental justice & disproportionate effects analysis, red flag field review, Red Flag Summary, Existing & Future Conditions Report, Purpose & Need Statement, Conceptual Alternatives Solutions Report, Assessment of Feasible Alternatives, preliminary bridge design, Structure Type Studies for bridges, noise analyses & barrier analyses, and air quality analysis.
- MAH/TRU-711 (7386), SR 711 Connector Project, Ohio Department of Transportation, District 4
Ms. Burton was a project engineer/planner for this project and prepared the bridge renderings for various aesthetics treatments the public meeting along with created voting ballots for the alternatives.
- MIA-CR25A-2.73 (PID: 22669), Roadway Reconstruction Project, Ohio Department of Transportation, District 7
Ms. Burton was a project engineer/planner for this project and performed the noise analysis and noise field readings along with assisting with preparation of the environmental document.
- MOT/GRE-35 (I-675 to Fairfield Rd), US-35 Corridor Study, Miami Valley Regional Planning Commission
Ms. Burton was a project engineer/planner for this study, which followed ODOT's former 5-Step Planning Process. She assisted in environmental literature searches, environmental justice analysis, GIS mapping, and Existing & Future Conditions Report.
- MUS-60-31.30, Northpointe Drive Tie-In Project, Muskingum County Transportation Improvement District
Ms. Burton was a project engineer/planner for this project and assisted the base mapping and environmental document re-evaluation.
- Roscoe Village Comprehensive Plan, Roscoe Village Foundation
Ms. Burton was a project engineer/planner for this study. Her tasks included a noise analysis and noise field readings, plan review, and comprehensive plan options.
- GRE-42/35 (75855), US-42 Corridor Study, Miami Valley Regional Planning Commission
Ms. Burton was a project engineer/planner for this study, which followed Steps 1-4 of ODOT's PDP for Minor Project. She prepared the Purpose & Need Statement and noise analysis.
- US-50 Corridor Access Management and Land Use Plan, Ohio-Kentucky-Indiana Regional Council of Governments

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Ms. Burton was a project engineer/planner for this study and assisted with preparation of the Final Report and public involvement activities.

STA-77-10.33 (20412), I-77 Noise Wall Value Engineering Study, Beaver Excavating

Ms. Burton was a project engineer/planner for this study. She performed a re-evaluation of the noise wall design for the project, recommended changes to the design, and assisted with soliciting & summarizing public comment on the new recommendations.

FRA-23-0.00 (81173), US 23 South Access Management Study, Ohio Department of Transportation, District 6

Ms. Burton was a project engineer/planner for this study and assisting with base mapping development, access management inventory, recommendations, and public involvement activities.

Various Municipal Water/Sewer Improvement Projects

Ms. Burton prepared numerous environmental documents (ERR's) for the Ohio Department of Development, including the following projects: Village of Chandlersville Water Service Improvements, Northern Perry County Water & Sewer District Sanitary Sewer Improvements—Phase I and II, Northern Perry Water System Improvements, Village of Pleasantville Water Tower Design & Construction, Village of Pomeroy Water Treatment Plant, Village of Somerset Water Treatment Plant Improvements, Southern Perry County Water District Water System Improvements, Sunday Creek Valley Water District Water System Improvements—Phase III, and Walnut Creek Sewer District Wastewater Treatment Plant.

Projects, Gannett Fleming (2000-2001)

Bagley Road Crossing and Front Street Crossing, City of Berea, Ohio

Project Engineer responsible for writing the environmental document, coordinating environmental work, and updating the project schedule for two railroad grade separation projects in the city of Berea.

GUE-209-11.44, Environmental Document, CE4, Ohio Department of Transportation, District 5

Project Engineer responsible for writing the environmental document, coordinating the noise analysis, and reviewing the noise analysis report for a widening and intersection modification of S.R. 209.

Statewide Environmental Contract, Various Locations, OH, Ohio Department of Transportation, OES

Project Engineer responsible for various environmental tasks under a task order contract.

Summit County, OH, General Services Contract for Environmental Studies, Summit County Engineer

Project Engineer responsible for various environmental tasks under a task order contract.

Sullivant Avenue Traffic Study, City of Columbus, Ohio

Project Engineer responsible for reviewing environmental reports and preparing the environmental source document for widening and improving a city roadway.

HOC/ATH-33-17.00/0.00, Nelsonville Bypass, Ohio Department of Transportation, District 10

Deputy Project Manager responsible for developing a presentation of findings for a public meeting, reviewing and revising the economic impact assessment, rewriting the purpose and need statement, writing the preliminary alternatives summary, updating the project schedule, and assembling agendas and status reports for the preliminary development stage of a nine-mile relocation of U.S. 33 in or around Nelsonville. The project included Stage I, II, and III environmental studies for the preliminary development process and the preparation of an environmental impact statement.

Personal Services Contract, Ohio Department of Transportation, OES

Project Engineer aiding in the preparation of material for ODOT's 5-Step Planning Process training class.

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SCI-823-0.00, Portsmouth Bypass Feasibility Study & Transportation Study, Ohio Department of Transportation, District 9

Project Engineer responsible for summarizing traffic data and preparing a presentation of feasibility study results. Wrote the executive summary; assembled agendas, status reports, and newsletters; attended stakeholder meetings; and ran monthly progress meetings. Work included determining feasibility of bypass for the area, developing alternatives, presenting the results from the feasibility study, providing recommendations, and preparing a submittal for Appalachian Regional Commission.

HAM-IR 74/275-5.50, Operational Study, Preliminary and Final Development, Ohio Department of Transportation, District 8

Project Engineer responsible for traffic data reduction, a safety analysis report, geographic information system (GIS) mapping, schematic development using GEOPAK, and a geometric review for the operational analysis and interchange modification study (IMS) for the overlap section of I-74 and I-275 west of Cincinnati.

Projects, Ohio Department of Transportation, Office of Environmental Services (1999-2000)

I-670 Noise Analysis, Goodale Park, Franklin County, Ohio; I-670, Harrison West, Franklin County, Ohio

Responsible for performing field reviews, noise analyses, and noise barrier design in these areas. Found that proposed walls would not mitigate enough noise to be feasible.

I-70 Noise Analysis & Barrier Analysis, Franklin County, Ohio

Responsible for performing field reviews, noise analyses, and noise barrier design due to complaints from residents living behind an existing noise wall.

I-70 Noise Analysis, Barrier Analysis & Public Involvement, Huber Heights, Montgomery County, Ohio

Responsible for performing field reviews to determine the optimal placement of proposed noise walls and attending a public meeting.

I-71 Noise Analysis & Barrier Analysis, Hamilton and Warren counties, Ohio

Project involved widening an existing roadway. Performed field reviews, noise analyses, and noise barrier design for the project. Five walls were found to be feasible with 111 of the analyzed sensitive structures qualifying as sufficiently abated.

I-75 Noise Analysis, Barrier Analysis & Public Involvement, Miami County, Ohio, MIA-75-4.92

The project involved widening I-75 through Tipp City and Troy, Ohio. Performed field reviews, noise analyses, and noise barrier design and participated in a public officials' meeting and a public meeting. Nine walls were found to be feasible with 605 of the analyzed sensitive structures qualifying as sufficiently abated.

I-77 Noise Analysis & Barrier Analysis, Stark and Summit Counties, Ohio

Responsible for performing a noise analysis and noise barrier design to determine if proposed walls were warranted. Used updated software and found that walls were not feasible.

I-80 Noise Analysis & Barrier Analysis, Trumbull County, Ohio

Responsible for performing a noise analysis and noise barrier design on an area under consideration for a wood wall test project.

Noise Software Training Sessions, Various Locations, Ohio

Responsible for developing a class to train ODOT personnel on the use of new noise software and the methodology of performing a noise analysis from start to finish. Along with the training, produced a training CD and distributed a training manual. Provided support to ODOT and Ohio University personnel in the use of noise software.

SR-45 Noise Analysis, Ashtabula County, Ohio

Responsible for performing noise analyses on each of these projects. Found that structural noise abatement was not feasible.

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US-35 Noise Analysis, Greene County, Ohio

Responsible for performing noise analyses on each of these projects. Found that structural noise abatement was not feasible.

US-35 Noise Analysis, Ross County, Ohio

Projects involved bypasses. Performed several noise analyses as project areas changed. Found that structural noise abatement was not feasible.

US-68 Noise Analysis, Champaign County, Ohio

Responsible for performing noise analyses on each of these projects. Found that structural noise abatement was not feasible.

US-33 Noise Analysis, Lancaster Bypass, Fairfield County, Ohio

Projects involved bypasses. Performed several noise analyses as project areas changed. Found that structural noise abatement was not feasible.