

Brian Wolshon, Ph.D., P.E., PTOE  
Edward A. and Karen Wax Schmitt Distinguished Professor  
Director, Gulf Coast Research Center for Evacuation and Transportation Resiliency  
Department of Civil and Environmental Engineering, Louisiana State University  
Baton Rouge, Louisiana 70803-405  
(Office) 225-78-5247  
(Fax) 225-78-5263  
(Email) brian@rsip.lsu.edu  
(URL) <http://www.ce.lsu.edu/~wolshon/>

## Biography

Dr. Brian Wolshon is the Edward A. and Karen Wax Schmitt Distinguished Professor of Engineering in the Department of Civil and Environmental Engineering at Louisiana State University (LSU). He has served on the faculty of LSU since January 1997. Prior to this appointment he worked in private practice for engineering consulting firms in California and Michigan and, as part of his doctoral program, was appointed as a Graduate Research Fellow at the United States Department of Transportation's Turner-Fairbank Highway Research Center in McLean, Virginia.

In addition to his faculty appointment at LSU, Dr. Wolshon has also held research appointments at two National Laboratories and two other universities. During his sabbatical term from January to May 2008, Dr. Wolshon served as a Visiting Research Professor in the Radiological Consequence Management and Response Technologies Department at the Sandia National Laboratories in Albuquerque, New Mexico. In the summer of 2006, Dr. Wolshon was appointed as an Affiliate Researcher in the Energy & Infrastructure Analysis Laboratory at the Los Alamos National Laboratory (LANL) in New Mexico. In the spring semester of 2016, Dr. Wolshon was appointed as a Visiting Professor in the National Disaster Preparedness Training Center at the University of Hawaii while on sabbatical. He then continued his overseas research activities through the summer of 2016 under an appointment as a Visiting Professorial Fellow in the School of Civil Engineering at the University of New South Wales in Sydney, Australia.

Over the years, Dr. Wolshon's research program has grown into an internationally recognized and award-winning source of emerging knowledge and technical expertise. His work has led to significant advances in the understanding, analysis, planning, and management of mass evacuations. His work as a researcher and consultant has earned support from numerous federal, state, and local agencies as well as national laboratories and scores of private firms. His research results are frequently cited by both researchers and practitioners, and his expertise is highly sought after by news and media organizations throughout the world.

Throughout his career, Dr. Wolshon has had a consistently increasing level of leadership positions and professional responsibility. At LSU, he served as the Department of Civil Engineering's Coordinator of Undergraduate Programs since 2008, as the Director of the

Gulf Coast Center for Evacuation and Transportation Resiliency. Outside of LSU, he has also served in leadership positions for numerous national organizations and programs, including as the Founding Chair of BR30, the Transportation Research Board's Committee on Emergency Evacuation and of the biannual National Evacuation Conference, several other national conference events, and research journals.

## Education

- x Michigan State University, East Lansing, Michigan
  - Doctor of Philosophy, May 1997
  - Major in Civil Engineering with an emphasis in transportation engineering.
- x Michigan State University, East Lansing, Michigan
  - Master of Science, June 1990
  - Major in Civil Engineering with an emphasis in transportation engineering.
- x Wayne State University, Detroit, Michigan
  - Bachelor of Science, May 1988
  - Major in Physics

## Professional Employment and Academic/Research Appointment History

- x Louisiana State University
  - Department of Civil and Environmental Engineering, Baton Rouge, Louisiana
    - o Professor, August 2009 to present
    - o *f* Coordinator of Undergraduate Programs, August 2005 to July 2007
    - o Associate Professor, August 2003 to July 2009
    - o Assistant Professor, January 1997 to July 2003
- x

- o Project Engineer July 1991 to December 1996
- x Barton -Aschman Associates, Inc.  
Southfield, Michigan
  - o Associate, December 1990 to July 1991
- x Federal Highway Administration  
Turner-Fairbank Highway Research Laboratory, Safety Design Research Division, McLean, Virginia
  - o Graduate Research Engineer, June 1990 to December 1990
- x Linscott, Law, and Greenspan Engineers, Inc.  
Pasadena, California
  - o Transportation Engineer I; June 1989 to September 1989

### Professional Registrations

- x Professional Engineer, State of Louisiana No. 28085
- x Professional Engineer, State of Michigan No. 40627
- x Professional Engineer, State of Florida No. 71789
- x Professional Traffic Operations Engineer, No. 081

### Honors, Awards, Lectureships, and Prizes

- x 2017 James M. Todd Technical Accomplishment Medal, Louisiana Engineering-Society Baton Rouge Chapter.
- x Faculty Research Achievement Award, LSU Department of Civil and Environmental Engineering, 2014.
- x Edward A. and Karen Wax Schmitt Distinguished Professorship, 2010
- x Distinguished Lecturer, Sandia National Laboratories Nuclear Energy and Global Security Technologies Distinguished Lecturer Series, Albuquerque, NM, June 2009
- x 2008 James M. Todd Technical Accomplishment Medal, Louisiana Engineering Society
- x Roy Paul Daniels Distinguished Professor, College of Engineering, 2008
- x Faculty Achievement Award, LSU Department of Civil and Environmental Engineering, 2008
- x 2007 James M. Todd Technical Accomplishment Medal, Louisiana Engineering Society -

- x Eisenhower Faculty Fellowship, Federal Highway Administration, United States Dept of Transportation, 1997

## INSTRUCTIONAL ACTIVITIES

### Courses Taught

- x CE 3600 Principles of Highway and Traffic Engineering
- x CE 3740 Independent Studies in Civil Engineering
- x CE 4600 Geometric Design of Highways and Airports
- x CE 4760 Civil Engineering Design (Transportation)
- x CE 4780 Hurricane Engineering II
- x CE 4780 Hurricane Engineering III

Invited Instructional Presentations/Lectures  
1. “

17. "Mass Evacuation Practice and Research, Preparing for Natural and Man

## Research Activities

### Publications

#### Books/Monographs

1. P. MurrayTuite, M. Lindell, B. Wolshon and E.J. Baker. "Large Scale Evacuation: The Analysis, Modeling, and Management of Emergency Relocation from Hazard Areas (working title), in contracted and in development for publication by CRC Press, Taylor and Francis Publishing Group, LLC, September 2018.
2. Wolshon, B and A. Pande, "Critical Review of Methodologies for Evaluating the Safety Performance of Guardrail End Treatments and Other Roadside Treatments," TRB Special Report 323: In-Service Performance Evaluation of Guardrail End Treatments, Transportation Research Board, National Research Council, Washington DC, 2017.
3. Matherly, D., N. Langdon, A. Kuriger, Sahu, B. Wolshon, J. Renne, R. Thomas, P. Murray Tuite, and V. Dixit, A Guide to Regional Transportation Planning for Disasters, Emergencies, and Significant Events, National Cooperative Highway Research Program, Report 777, ISBN: 978-0-309-24133-4

4. Wolshon, B and A. Pande. "Introduction to Traffic Engineering," Chapter 1, Traffic Engineh B



7. Shojaat, S., J. Geistefeldt, S. Parr, C. Wilmot, and B. Wolshon, "Sustained Flow Index: A Stochastic Measure of Freeway Performance," *Transportation Research Record: Journal of Transportation Research Board*, No. 2554, 2016, pp. 1658-1668.
8. Farhadi, N., S. Parr, K. Mitchell, and B. Wolshon, "Quantifying Resilience of Maritime Transportation Systems Using Nationwide Automatic Identification System Data," *Transportation Research Record: Journal of Transportation Research Board*, No. 2549, 2016, pp. 9-18.
9. Parr, S. and B. Wolshon, "Methodology for Simulating Manual Traffic Control," *Transportation Research Record: Journal of Transportation Research Board*, No. 2562, 2016, pp. 9-17.
10. Parr, S. and B. Wolshon, "Unconventional Intersection Control Strategies for Urban Evacuation," *Transportation Research Record: Journal of Transportation Research Board*, No. 2599, 2016, pp. 562.
11. Zhang, Z., S. Parr, H. Jiang, and B. Wolshon, "Optimization Model for Regional Evacuation Transportation Systems Using Macroscopic Productivity Function," *Transportation Research, Part B: Methodological*, Vol. 81, November 2015, pp. 666-680.
12. Zhang, Z., B. Wolshon, and V. Dixit, "Integration of a Cell Transmission Model and Macroscopic Fundamental Diagram: Network Aggregation for Dynamic Traffic Models," submitted in *Transportation Research, Part C: Emerging Technologies*, Vol. 55, June, 2015, pp. 298-309.
13. Rodriguez, J.M., J.A., Codjoe, O. Osman, S. Ishak, and B. Wolshon, "Experimental Modeling of the Effect of Hurricane Wind Forces on Driving Behavior and Vehicle Performance," *Journal of Emergency Management*, March/April 2015, Vol. 13, No. 2, pp. 15-22.
14. Parr, S., V. Dixit, and B. Wolshon, "Selection and Allocation of Manual Traffic Control Points and Personnel During Emergencies," *Journal of Emergency Management*, March/April 2015, Vol. 13, No. 2, pp. 121-133.
15. Naghawi, H. and B. Wolshon, "Operation of Multimodal Transport Systems During Mass Evacuations," *Canadian Journal of Civil Engineering*, Vol. 42, No. 2, 2015, pp. 81-90.
16. Dixit, V., A. Pande, J. Loy, K. Spansel, B. Wolshon, "Integrity of Estimates of the Two-Fluid Model and Gender Impacts Using GPS-Based Driving Data," *Transportation Research, Part C: Emerging Technologies*, Vol. 50, January 2015, pp. 144-149.
17. Jahangiri, A., P. Murray-Tuite, S.G. Machiani, B. Park, and B. Wolshon, "Modeling and Assessing of Crossing Elimination for Notice Evacuations," *Transportation Research Record: Journal of Transportation Research Board*, No. 2459, 2014, pp. 91-100.
18. Zhang, Z., K. Spansel, and B. Wolshon, "Effect of Phased Evacuations in Megaregion Highway Networks," *Transportation Research Record: Journal of Transportation Research Board*, No. 2459, 2014, pp. 101-109.
19. Dixit, V. and B. Wolshon, "Evacuation Traffic Dynamics," *Transportation Research, Part C: Emerging Technologies*, December 2014, Vol. 49, pp. 112-125.
20. Zhang, Z., K. Spansel, V. Dixit, and B. Wolshon, "Performance Characteristics of Megaregion Traffic Networks During Mass Evacuations," *International Journal of Transportation*, Vol. 2, No. 3, 2014, pp. 53-62.

21. Zhang, Z., K Spansel, and B. Wolshon "Megaregion Network Simulation for Evacuation Analysis" Transportation Research Record: Journal of Transportation Research Board, No. 2397, 2014, pp. 16170.
22. Machiani, S.G., P. Murray-Tuite, A. Jahangiri, S. Liu, B. Park, Y.C. Chiu, and B. Wolshon "No Notice Evacuation Management: Ramp Closures under Varying Budgets and Demand Scenarios" Transportation Research Record: Journal of Transportation Research Board, No. 2376, 2013, pp. 27-37.
23. Rayaprolu, P., S. Ishak, and B. Wolshon "Operational Assessment of Joint and Conventional Lane Merge Configurations for Freeway Work Zones" Journal of Intelligent Transportation Systems: Technology, Planning, and Operation, 17, No. 4, 2013.
24. Li, C.Y., L. Nozick, R. Davidson, Brown, D.A. Jones, and B. Wolshon "Approximate Solution Procedure for Dynamic Traffic Assignment," ASCE Journal of Transportation Engineering, August 2013, Vol. 139, No. 8, pp. 8272.
25. Montz, T., V. Dixit, C. Wilmot, and B. Wolshon "Assessing the Effectiveness of Flexible Response in Evacuation" Natural Hazards Review, Vol. 14, No. 3, pp. 2010.
26. Murray-Tuite, P. and B. Wolshon "Assumptions and Processes for the Development of No Notice Evacuation Scenarios for Transportation Simulation" International Journal of Mass Emergencies and Disasters, Vol. 31, No. 1, pp. 787.
27. Murray-Tuite, P. and B. Wolshon "Evacuation Transportation Modeling: An Overview of Research, Development, and Practice,"

35. Korkut, M., S. Ishak, and B. Wolsho "Freeway Truck Lane Restriction and Differential Speed Limits: Crash Analysis and Traffic Characteristics," Transportation Research Record: Journal of Transportation Research Board, No. 2194, 2010, pp. 11-
36. Idewu, W. and B. Wolsho "The Joint Merge and its Impact on Merging Speeds in Construction Zone Lane Reduction Areas,"

51. Wolshon, B. A., Catarella, Michel, and L. Lambert, "Louisiana Highway Evacuation Plan for Hurricane Katrina: Proactive Management of Regional Evacuations," ASCE Journal of Transportation Engineering, January 2006, Volume 132, Issue 1, pp. 1-10.
52. Lim, Y.Y. and B. Wolshon, "Modeling and Performance Assessment of Contraflow Evacuation Termination Points," Transportation Research Record 1922 The Journal of Transportation Research Board, 2005, pp. 128-137.
53. Wolshon, B. E., Urbina, C., Wilmot, and M. Levitan, "National Review of Hurricane Evacuation Plans and Policies, Part I: Planning and Preparedness," ASCE Natural Hazards Review, August 2005, Vol. 6, No. 3, pp. 129-142.
54. Wolshon, B. E., Urbina, M., Levitan, and C. Wilmot, "National Review of Hurricane Evacuation Plans and Policies, Part II: Transportation Management and Operations," ASCE Natural Hazards Review, August 2005, Vol. 6, No. 3, pp. 142-161.
55. Theodoulou, G. and B. Wolshon, "Alternative Methods to Increase the Effectiveness of Freeway Contraflow Evacuation," Transportation Research Board, Transportation Research Record 1865 The Journal of Transportation Research Board, 2004, pp. 48-56.
56. Dheenadayalu, Y., B. Wolshon, and C. Wilmot, "Analysis of Link Capacity Estimation Methods for Urban Planning Models," ASCE Journal of Transportation Engineering, American Society of Civil Engineers, September/October 2004, Vol. 130, No. 5, pp. 568 – 575.
57. Hatipkarasulu, Y. and B. Wolshon, "A Variable Response Time Lag Module for Car Following Models Using Fuzzy Set Theory," Transportation Research Record 1843 The Journal of Transportation Research Board, 2003, pp. 500-509.
58. Urbina, E. and B. Wolshon, "National Review of Hurricane Evacuation Plans and Policies: A Comparison and Contrast of State Practices," Transportation Research, Part A: Policy and Practice March 2003, Vol. 37, No. 3, pp. 275-275.





26. Mirchandani, P., Y. C. Chiu, and B. Wolshon. "Mathematical Matrix Formulation and Network Conversion for Solving a Large Scale Network Evacuation." Proceedings of the 2005 Annual Meeting of the Institute for Operations Research and the Management Sciences, San Francisco, CA, November 2005.
27. Wolshon, B. and L. Lambert. "Design of Reversible Roadway Entry and Termination Points: Comparative Review of the State of Practice." Proceedings of the 3<sup>rd</sup> International Conference on Highway Geometric Design, Chicago, IL, June 2005.
28. Chen, S. R., C. S. Cai, M. L. Levitan, and B. Wolshon. "Determination of Safe Vehicle Driving Speeds on Highways During Hurricane Evacuation." Proceedings of the 4<sup>th</sup> European & African Conference on Wind Engineering, Prague, Czech Republic, July 2005.
29. Wolshon, B. and L. Lambert. "Design of Reversible Roadway Entry and Termination Points: Comparative Review of the State of Practice." Proceedings of the International Conference on Highway Geometric Design, Chicago, IL, June 2005.
30. Lim, Y.Y. and B. Wolshon. "Modeling and Performance Assessment of Contraflow Evacuation Termination Points." Preprint-RDM of the 8<sup>th</sup> Annual Transportation Research Board Annual Meeting, Washington, D.C., January 2005.
31. Wolshon, B. and L. Lambert. "Comparative Review of the Design of Reversible Roadway Entry and Termination Points: State of Practice." Preprint-RDM of the 8<sup>th</sup> Annual Transportation Research Board Annual Meeting, Washington, D.C., January 2005.
32. Wolshon, B. "Toolbox on Intersection Safety and Design, Chapter 6." Geometric Design Compendium of Technical Papers, Institute of Transportation Engineers, 2004-Technical Conference and Exhibit, Irvine, CA, March 2004.
33. Wolshon, B. and G. Theodoulou. "Modeling and Analyses of Freeway Contraflow to Improve Future Evacuations." Preprint-RDM of the 8<sup>th</sup> Annual Transportation Research Board Annual Meeting, Washington, D.C., January 2004.
34. Dheenadayalu, Y., B. Wolshon, and C. Wilmot. "Analysis of Link Capacity Estimation Methods for Urban Transportation Planning Models." Proceedings of the 9<sup>th</sup> Transportation Research Board Conference on the Application of Transportation Planning Methods, Baton Rouge, LA, April 2003.
35. Wolshon, B. and M. Levitan. "Development of the Louisiana Evacuation Route Hazard Monitoring System." Proceedings of the American Society of Civil Engineers - International Conference on Applications of Advanced Technologies in Transportation, Cambridge, MA, August 2002.
36. Wolshon, B., R. Degeyter, and N. Swargar. "Analysis and Predictive Modeling of Road Sign Retroreflectivity Performance." Paper-RDM of the 16<sup>th</sup> Biennial Transportation Research Board Symposium on Visibility and Simulation, Iowa City, IA, 2002.
37. Kim, S.G. and B. Wolshon. "Characteristics of Breakdown Between Freeway Lanes During Flow Transitions." Proceeding of the World Conference on Transport Research, Seoul, Korea, July 2001.
38. Wolshon, B. "Contraflow Freeway Operations for Hurricane Evacuation in the United States." Proceedings of the 2001 Annual Conference of the East Asia Society for Transportation Studies (EASTS), Hanoi, Vietnam, October, 2001. Vol 3., No. 3.
39. Wolshon, B. and James Wahl. "Main Street, A Nontraditional Neighborhood Design in Suburbia." Proceedings of the Urban Street Symposium, Dallas, Texas, June 1999.





7. Editorial Board Journal of Advanced Transportation, 2009-present.
8. Editorial Board Journal of Transportation Safety and Security  
x Area Editor for Highway Transportation System Security & Emergency Response, 2008 – Present.
9. Editorial Board Journal of Urban Planning and Development, American Society of Civil Engineers
10. Guest Editor Special Edition “Emergency Transportation Preparedness, Management, and Response in Urban Planning and Development” of the Journal of Urban Planning and Development, American Society of Civil Engineers, Vol. 133, No. 1, 89 pp.

Published Editorials

1. Wolshon, B.J., Renne, and B. Mitchell, “Planning, Modeling, and Evaluating Transportation Systems for Emergency Evacuations”

3. Lavelle, F.M., L. A. Ritchie, A. Kwasinski, and B. Wolshon. "Critical Assessment of Existing Methodologies for Measuring or Representing Community Resilience of Social and Physical Systems," National Institute of Standards and Technology, U.S. Department of Commerce, NIST Report No. NISTCR15-1010, Gaithersburg, MD, December 2015. [Available online at: <http://nvlpubs.nist.gov/nistpubs/gcr/2015/NIST.GCR.1010.pdf>]
4. Cordahi, G., D. Roden, B. Wolshon, and M. Yin, "Emergency Communications for Evacuation (EVAC) in New Orleans Impact Assessment Report," U.S. Department of Transportation, USDOT Report No. FHWA/15-204, Washington, DC, May 2015.
5. Robicheaux, B. and B. Wolshon. "Calibration of the Louisiana Highway Safety Manual," Louisiana Transportation Research Center, Louisiana Department of Transportation and Development, Report No. FHWA/LA.14/537, Baton Rouge, Louisiana, July 2014, 47 pp.
6. Wolshon, B.S. Ishak, W. Idewu, "Design of Lane Merges at Rural Freeway Construction Work Zones," Louisiana Transportation Research Center, Louisiana Department of Transportation and Development, Report No. FHWA/LA.11/484, Baton Rouge, Louisiana, September, 2011. 60 pp.
7. Wolshon B., G. Theodoulou, Y.Y. Li, and M. Sun. "Modeling Hurricane Evacuation Traffic Evaluation of Freeway Contraflow Evacuation Initiation and Termination Point Configurations Louisiana Transportation Research Center, Louisiana Department of Transportation and Development, Report No. FHWA/LA.10/400, Baton Rouge, Louisiana, June, 2010. 59 pp.
8. B. Wolshon et al., "Application of TRANSIMS for the Multimodal Microscale Simulation of the New Orleans Emergency Evacuation Plan Draft Final Report," Federal Highway Administration, United States Department of Transportation, Washington, DC, 2009.
9. Ishak, S., B. Wolshon, M. Sun, M. Korkut, and Y. Qi. "Evaluation of the Traffic Safety Benefits of a Lower Speed Limit and Restriction of Trucks to Use of Right Lane Only over the Atchafalaya Basin." Report Number FHWA/LA-08-435. Louisiana Department of Transportation and Development, 2009.
10. Jones, J.A., F. Walton, and B. Wolshon. "Criteria for the Development of Evacuation Time Estimate Studies U.S. Nuclear Regulatory Commission Division of Preparedness and Response, NRC Report No. NUREG/CR-702, Sandia National Laboratories Report No. SAND2010-016P, Washington, DC, 2010. 66 pp.
11. Ishak, S., B. Wolshon, C. Schwehm, P. Rayaprolu, B. Sridhar, "Establishing an Intelligent Transportation Systems (ITS) Lab at LTRC," Louisiana Transportation Research Center, Louisiana Department of Transportation and Development, Report No. FHWA/LA.08/456, Baton Rouge, Louisiana, May, 2008. 80 pp.
12. Jones, J.A., F. Walton, J.D. Smith, and B. Wolshon. "Assessment of Emergency Response Planning and Implementation in the Aftermath of Major Natural Disasters and Technological Accidents," U.S. Nuclear Regulatory Commission Division of Preparedness and Response, NRC Report No. NUREG/CR-681, Sandia National Laboratories Report No. SAND2008-776P, Washington, DC, October 2008.
13. Co-Author of: "Managed Lanes Resource Toolbox," Federal Highway Administration, United States Department of Transportation and Development, Report No. FHWA/07-030, Washington, D.C., 2007.
14. Wilmot, C., H. Zong, H. Fu, A. Jayadevan, H. Schneider, B. Wolshon, and M. Sun, "Statewide Traffic Safety Study Phase I: Review of Current Traffic Safety Research, Practice, Analytical

Procedures, and Databases,” Louisiana Transportation Research Center, Louisiana Department of Transportation and Development, Report No. FHWA/LA/03/399, Baton Rouge, Louisiana, May, 2005. 192 pp.

15. Wolshon, B.“Analysis of Reverse Flow Traffic Operations Phase I: Urban Sporting Event Measurement and Evaluation,” Final Project Report, Science Applications International Corporation,Vienna, Virginia, October, 2003. 43 pp.
16. Wolshon, B.“Louisiana Traffic Sign Inventory System.” Louisiana Transportation Research Center, Louisiana Department of Transportation and Development, Report No.



Transportation Research Board/National Cooperative Highway Research Program, March 2010– October 2011, \$300,000.

8. Louis Berger Group Inc, et al., including B. Wolshon (Principal Investigator), “Strategic Approaches at the Corridor and Network Level to Minimize Disruption from the Renewal Process,” National Academies, Transportation Research Board/National Cooperative Highway Research Program, November 2008–October 2012, \$1,500,000.
9. Hamdar, S., V. Dixit, B. Wolshon (Principal Investigator) and R. Pande, “New Methods for Measuring, Evaluating and Predicting the Impact of Road Infrastructure Systems on Driver Behavior,” National Science Foundation, 36 months, total amount, \$250,000.
10. Davidson, R., R. Blaton, N. Dash, R. Luettich, L. Nozick, and B. Wolshon (Principal Investigator), “DRU: Integrated Optimization of Evacuation and Sheltering for Hurricanes” National Science Foundation, 72 months, total amount \$750,000.
11. Wolshon, B. (Principal Investigator), “Center for Evacuation and Resilient Transportation,” University Transportation Center, United States Department of Transportation, 60 months, total amount \$4,000,000.
12. Wolshon, B. (Principal Investigator) and C. Wilmot, D. Shaw, B. Stichpeter and C. Lewis, “Evacuation Models and Dynamics,” Department of Homeland Security, 72 months, total amount \$833,326.
13. Wolshon, B. (Principal Investigator) and S. Ishak and “Safety and Operational Assessment of Unconventional Lane Merges in Freeway Workzones,” Louisiana Transportation Research Center, November 2007–October 2009, total amount \$140,000.
14. Wolshon, B. (Principal Investigator), “Synthesis of Highway Practice-35, Emergency Evacuation and Repopulation,” National Academies, Transportation Research Board/National Cooperative Highway Research Program, November 2007–November 2008, \$30,000.
15. S. Ishak and Wolshon, B. (Principal Investigator), “Development of an ITS Research Laboratory at the Louisiana Transportation Research Center,” Louisiana T

20. Wolshon, B(Principal Investigator), "Assessing a New Evacuation Technique: Measurement of Contraflow Evacuation Traffic Stream Characteristics", University of Colorado– Natural Hazards Center, 1 month, total amount \$3,500.
21. C. Wilmot and Wolshon, B(Co-Principal Investigator), and Sherif Ishaq, "Modeling Hurricane Evacuation Traffic", Louisiana Transportation Research Center, 24 months, total amount \$170,322.
22. Wolshon, B(Principal Investigator), "Synthesis of Highway Practice-04, Convertible Roadway Lane Practices", National Academies, Transportation Research Board/National Cooperative Highway Research Program, December 2002–December 2003, 12 months, \$25,000.
23. K. Robbins with 5 ePrincipal Investigators, including Wolshon, "Hurricane Delaney

(defense side)

3. Angelina Legoria, et al vs. James Construction Group, et al (Mojeski and Masters Engineering Inc.), 19th JDC No.: ~~623~~, Div. "24," expert testimony, Attorney: Scott Hedlund, 2015. (defense side)
4. Mary Ardillo v. Trystan Eschete, et al. 21st JDC, Tangipahoa Parish, Louisiana, Suit No.: 201400007722, expert testimony, Attorney: Chris Moody, 2015. (plaintiff side)
5. James Geduldick v. Amanda Fagane, et al, Docket No. 127,673, 21st JDC, Livingston Parish, Louisiana, expert testimony, Attorney: Gregory Rozas, 2015. (plaintiff side)
6. Louis Berger Group Inc., emergency evacuation transportation services for the development of Transit Resiliency Guide, Transit Cooperative Research Program Project No. A-41, 2015 -2016.
7. Joshua L. Volter v. Arch Insurance Company, MMJ Industries, Inc., and Timothy Jenkins, 19th Judicial District Court, Division 22, East Baton Rouge Parish, Louisiana, Case No.: 621343, expert testimony, Attorney: Jonathan Walsh, 2014. (defense side)
8. Gilmer v. Croussore, et al, Civil Action No. ~~314~~00345, United States District Court, Middle District of Louisiana, expert testimony, Attorney: Jonathan Walsh, 2014. (defense side)
9. Jessica Hope Browne, et al v. Louisiana DOTD, Docket #40,050, 18th JDC, Parish of West Baton Rouge. Attorney: Frank Tomeny Case 2013 (plaintiff side)
10. Tammy Chauvin, et al Louisiana DOTD, Docket #40,034, 18th JDC, Parish of West Baton Rouge. Attorney: Frank Tomeny Case 2013 (plaintiff side)
11. Carlos K. Edwards v GEICO Indemnity Company, Et Al. Case No. 39131, Division A, 18 J.D.C., Parish of West Baton Rouge. Attorney: Phillip Rew, 2011. (defense side).
12. Post, Buckley, Schuh, and Jernigan, Inc. Tallahassee, FL. New York, New Jersey, Connecticut, Pennsylvania Catastrophic Planning Team, "Best Practice Tools for Evacuation Plans," evacuation transportation services, 2010.
13. Davey Kelley v. Dixie Electronic Membership Corporation, J.D.C., No. 534, 200, Section 27, Attorney: Rusty Bianca, 2010. (plaintiff side).
14. Corey Banks v. Crescent City Connection Authority, et al., C.D.C. for the Parish of Orleans, Docket No. 2006-





- “F,” 19<sup>th</sup> Judicial District Court, expert testimony, Attorney: Alice Estill, J.D., 2005. (defense side)
39. McLin and Associates, Inc., traffic engineering and analysis services (traffic impact analyses Ascension Parish), 2004 to present.
  40. Lambert Engineers, LLC, roadway design and traffic engineering services (Jefferson Highway/Corporate Boulevard intersection), 2003-2004.
  41. Institute of Transportation Engineers, book chapter author (Toolbox on Intersection Design and Safety) 2003-2004.
  42. William Kohlman Meyers vs. Dale E. Roberts et al., 19<sup>th</sup> Judicial District Court, Parish of Tangipahoa, State of Louisiana, Suit No.: 2000-2271, Division “B,” Attorney: Byard Edward, J.D. (plaintiff side)
  43. Howard, Needles, Tammen, and Bergendoff (HNTB) Engineers, Inc., traffic modeling and analysis services, 2003.
  44. Romanowski et al. vs. The Travelers Insurance Co. et al., Docket No.: 454,177, Division “D,” 19<sup>th</sup> Judicial District Court, expert testimony, Attorney: John Samaha, 2000. (plaintiff side – settled prior to trial)
  45. ABMB Engineers, Inc., traffic modeling and analysis services, 1999.