

Jorge A. Rueda Benavides
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Education

- PhD, Civil Engineering, Iowa State University. Ames, Iowa, 2016
- MS, Civil Engineering, Iowa State University. Ames, Iowa, 2013
- BS, Civil Engineering, Universidad Industrial de Santander. Bucaramanga, Colombia, 2010

Academic Experience

- Auburn University, *Assistant Professor*, 2016–present
- Iowa State University, Graduate Teaching Assistant, 2014–16, part-time
- Iowa State University, Graduate Research Assistant, 2012–16, part-time
- Universidad Industrial de Santander, Teaching Assistant, 2008–09, part-time

Non-Academic Experience

- Limonar Campestre JV, *Superintendent/Co-op*, supervised construction activities, 2010
- D&N Constructores LTDA, *Superintendent*, supervised construction activities, 2009
- B&R Ingenieria, *Project Assistant*, assisted with planning/supervision of building maintenance activities, 2006

Professional Registration or Certifications

- None

Current Membership in Professional Organizations

- Transportation Research Board (TRB)

Honors and Awards

- *Graduate Incentive Fellowship*, Iowa State University, 2014–15

Service Activities

Auburn University

- Member, Graduate Program Committee, Dept. of Civil Engineering, 2016–present

External to Auburn University

- Paper Reviewer, Transportation Research Board, Standing Committee on Project Delivery Methods AFH15, 2014–present
- Paper Reviewer, Transportation Research Board, Standing Committee on Transportation Asset Management ABC40, 2015–present
- Graduate Student Mentor, Iowa State University McNair Program, 2014

Most Important Publications and Presentations (Last 5 years)

- Gransberg, D.D., and Rueda-Benavides, J.A. Indefinite Delivery/Indefinite Quantity Contracting Practices. *Transportation Research Board Webinar*, May 10, 2016.
- Gransberg, D.D., Lopez del Puerto, C., and Rueda-Benavides, J.A. 2016. Mapping Project Complexity in Five Dimensions – Book Chapter, *The Handbook of Complex Delivery*:

Managing Complexity in Projects and Programs, Varga, K., Editor, Gower Publishing, ISBN 978-1-4724-4207-9.

- Gransberg, D.D., Jeong, H.D., Craigie, E.K., Rueda-Benavides, J.A., and Shrestha, K.J. 2016. Estimating Highway Preconstruction Services Costs – Volume 1: Guidebook – NCHRP Report 826, *Transportation Research Board, National Academies*, ISBN 978-0-309-37553-5, 124 pp.
- Lee, M., Rueda-Benavides, J.A., and Gransberg, D.D. 2016. Utility Management System Cost/Time Benefits and Implications from the Local Agency Perspective. *Journal of Infrastructure Systems, American Society of Civil Engineers* 22 (1): 04015015.
- Rueda-Benavides, J.A., and Gransberg, D.D. Effective Risk Management Strategies in Construction and Maintenance Indefinite Delivery/Indefinite Quantity Contracts, 2016 *Transportation Research Board Annual Meeting*, Washington, D.C., January 12, 2016.
- Gransberg, D.D., Rueda-Benavides, J.A., and Loulakis, M.C. 2015. Indefinite Delivery/Indefinite Quantity Contracting Practices - NCHRP Synthesis 473, *Transportation Research Board, National Academies*, ISBN 978-0-309-27173-8, 131 pp.
- Miller, C., Rueda-Benavides, J.A., and Gransberg, D.D. 2015. Applying Social Return on Investment to Risk-Based Transportation Asset Management Plans in Low Volume Bridges. *Transportation Research Record, Journal of the Transportation Research Board* 2473: 75–82.
- Rueda-Benavides, J.A., E. Scheepbouwer, and Gransberg, D.D. US Major Task Order Contracting and NZ Collaborative Alliances Comparison, *2015 AACE International Annual Meeting*, Las Vegas, NV, June 28, 2015.
- Miller, C., Rueda-Benavides, J.A., and Gransberg, D.D. Tools to Generate a More Transparent Decision for Bridges, *2015 AASHTO Subcommittee on Maintenance Conference*, Des Moines, IA, July 21, 2015.
- Gransberg, D.D., and Rueda Benavides, J.A., Expediting Emergency Construction Procurements: Case Studies in Success, Proceedings, *Canadian Society of Civil Engineers International Construction Specialty Conference*, Vancouver, British Columbia, Canada, June 9, 2015.
- Gransberg, D.D., Gad, G.M., and Rueda-Benavides, J.A. Implementing Alternative Technical Concepts in Design-Bid-Build Projects, Proceedings, *Canadian Society of Civil Engineers International Construction Specialty Conference*, Vancouver, British Columbia, Canada, June 9, 2015.
- Rueda-Benavides, J.A., and Gransberg, D.D. 2014. Indefinite Delivery/Indefinite Quantity: A Case Study Analysis. *Transportation Research Record, Journal of the Transportation Research Board* 2408: 17–25.

Recent Professional Development Activities

- Regularly participate in technical committee activities and attend technical sessions at TRB conferences and annual meetings.