

1. Name:

William D. Lawson, P.E., Ph.D.

2. Education

Doctor of Philosophy	Civil Engineering	Texas Tech University	2004
Certificate of Graduate Studies	Biblical Studies	Dallas Theological Seminary	1997
Master of Science	Civil Engineering	Texas A&M University	1984
Bachelor of Science	Civil Engineering	Texas A&M University	1982

3. Academic experience

Texas Tech Univ	Assoc Professor	Dept of Civil & Environmental Engr	2012-...	F
Texas Tech Univ	Asst Professor	Dept of Civil & Environmental Engr	2006-12	F
Texas Tech Univ	Visiting Asst Prof	Civil Engineering Department	2005-06	F
Texas Tech Univ	Deputy Director	National Institute for Engr Ethics	2001-06	F
Texas Tech Univ	Deputy Director	Murdough Center for Engr Profess	1998-05	F
Texas Tech Univ	Lecturer	Civil Engineering Department	1998-04	F

4. Non-academic experience

William D. Lawson, P.E., Ph.D.	Consult	Principal	Lubbock, TX	1998-10	P
National Institute for Engineering Ethics		Exec Director	Lubbock, TX	1999-01	P
Law Engineering and Env Services, Inc.		Principal Engr	Dallas, TX	1993-98	F
Master Consultants, Inc.		Structural Engr	Wylie, TX	1992-93	F
Trinity Engineering Testing Corporation		Geotech Engr	Dallas, TX	1985-92	F
Jay Garrett Engineer		Surveyor	Texas City, TX	1984	F

5. Certifications or professional registrations

Licensed Professional Engineer, Civil - Texas #66490
Registered Engineering Firm – Texas #F-3560

6. Current membership in professional organizations (selected)

Member, American Society of Civil Engineers
Member, ASFE: The Geoprofessional Business Association
Member, National Society of Professional Engineers
Member, Association for Practical and Professional Ethics

7. Honors and awards (selected)

Integrated Scholar, Texas Tech University	2015
Engineer of the Year, State of Texas, Texas Society of Professional Engineers	2014
President’s Excellence in Teaching Award, Texas Tech University	2014
George T. and Gladys Abel Hanger Faculty Award, Texas Tech University	2012
Engineering Education Excellence Award, NSPE/Professional Engrs in Higher Ed	2011
Election to Texas Tech University Teaching Academy	2011
Texas Tech Alumni Assn. <i>New Faculty Award</i> , Whitacre College of Engineering	2010
Teacher of the Year, Dept. of Civil and Env. Engineering, Texas Tech University	2009
Best Paper Award, ASCE <i>J. of Prof. Issues in Engineering Education and Practice</i>	2004
Top Research Innovation, TxDOT Research & Technology Implementation	2003

8. Service activities (selected)

Member, Executive Board, National Institute for Engineering Ethics	2011-...
Member, Engr Behavior of Unsaturated Soils, Committee AFP60, TRB	2010-13
Corresponding Editor, ASCE <i>J. of Prof. Issues in Engr Education and Practice</i>	1999-...

9. Most important publications and presentations from the past five years

- Seo, H. Y., Moghaddam, R., Lawson, W. (2016) "Assessment of Methods for Construction of an Equivalent Pile Head Load-Settlement Curve from O-Cell Test Data." *Soils and Foundation, Elsevier*. Notice of acceptance: 07/05/2016.
- Wood, T., Lawson, W., Surles, J., Jayawickrama, P., Seo, H. Y. (2016) "Improved Load Rating of Reinforced Concrete Box Culverts using Depth-Calibrated Live Load Attenuation." *Journal of Bridge Engineering, ASCE*. Notice of acceptance: 05/25/2016.
- Ertas, A., M.W. Smith, D. Tate, W.D. Lawson, and T.B. Baturalp (2015). "Complexity of System Maintainability Analysis Based on the Interpretive Structural Modeling Methodology: Transdisciplinary Approach." *Journal of Systems Science and Systems Engineering*. Manuscript CN112983/N. Notice of acceptance: 05/11/2015
- Lawson, W., Goehl, D., and Senadheera, S. (2015). Implementation of Ultra High Pressure Water Cutting for Treatment of Flushed Chip Seals in the U.S." *International Journal of Pavement Engineering*, 2481, 75-82. DOI: 10.1080/10298436.2015.1036867
- Wood, T.A., W.D. Lawson, and P.W. Jayawickrama (2015). "Influence of Cover Soil Depth on RC Box Culvert Load Rating". *Transportation Research Record: Journal of the Transportation Research Board, No. 2511*, Washington, D.C., 2015, pp. 63–71. DOI: 10.3141/2511-08
- Lawson, W., Jayawickrama, P., Wood, T., Surles, J. (2015) "Evaluation of AASHTO Default Values for Pullout Friction Factor, F^* for Steel Grid Mat Reinforcement." *Transportation Research Record: Journal of the Transportation Research Board, No. 2462*, Transportation Research Board of the National Academies, Washington, D.C., 2014, pp. 7–17. DOI: 10.3141/2462-02
- Wood, T.A., W.D. Lawson, P.W. Jayawickrama, and C.D. Newhouse (2014). "Evaluation of Production Models for Load Rating Reinforced Concrete Box Culverts." ISSN 1084-0702/04014057(12), *ASCE Journal of Bridge Engineering*.
- Lawson, W.D., P.W. Jayawickrama, T.A. Wood, and J.G. Surles (2013). "Pullout Resistance Factors for Inextensible MSE Reinforcements Embedded in Sandy Backfill." *Transportation Research Record, Journal of the Transportation Research Board, No. 2363*, Washington D.C., pp. 21-29, DOI: 10.3141/2363-03.

10. Most recent professional development activities (selected)

96 th Annual Meeting	Transportation Research Board	Washington, DC	2017
Educate the Educators: A Geosynthetics Training Prgm for University Professors	Intl Geosynthetics Society	Austin, TX	2015
Global Engineering Conference 2014	American Society of Civil Engineers	Panama City, Panama	2014