

Tuesday, May 10, 2011

3:30 p.m.–5:00 p.m. *Breakout Session II*

Breakout 2—“Project Delivery: Viewing Success Through the Public’s Eye”

Speakers:

Mara Campbell – Missouri DOT

Director for the Missouri Department of Transportation (MoDOT), a position she has held since June 2005. Responsible for coordinating organizational performance efforts including development and monitoring of organizational performance measures and essential process and quality efforts coupled with innovative and applicable transportation research. Previously directed the department’s strategic planning and policy efforts



Beth Wright – Missouri DOT

Has worked for the Missouri Department of Transportation for over 26 years. Is currently the District Engineer. Oversees the planning, designing, building and maintaining the state’s transportation system.

Graduated from the University of Missouri – Columbia with a bachelor of science in civil engineering and a bachelor of science in geology.

Registered Professional Engineer in the State of Missouri.



Breakout 3—“Innovative Public Outreach: State of the Practice”

Speakers:

Ted Nguyen – Orange County Transportation Authority

Nationally award-winning public relations and communications professional with 20 years of developing and executing cost-effective programs.

Won communications industry's most-prestigious honor - the national Silver Anvil award from the Public Relations Society of America, 2008. Honored "PR person of the year" by PR News magazine, 2007.

Served Orange County Chapter of the Public Relations Society of America board.



Don Toner - Texas DOT

Director of Turnpike Right of Way for the Texas Turnpike Authority Division of the Texas Department of Transportation (TxDOT). Manages the right of way acquisition and utility adjustment program for statewide transportation projects being developed through Comprehensive Development Agreements (CDAs). Oversees the Developer's effort in regard to Right of Way Mapping, Acquisition, Relocation Assistance, Condemnation, and Utility Coordination efforts.

Over 25 years of right of way experience. Licensed in Texas as a Real Estate Broker, and is certified as General Appraiser.

Bachelor of Science Degree in Economics and Business Administration from Southern Connecticut State University.



Breakout 4—"Data Management Systems, Part 1"

Speakers:

Gerald "Gerry" Gallinger - Olympia, WA

Hired into WSDOT as Title Examiner and progressed through various positions (Special Acquisition Agent, Property Management Agent, Property Management Supervisor, Acquisition Manager, and Deputy Director). Responsible for a staff of approximately 40 employees in Olympia, and all agents statewide (approximately 125). Gained experience in all disciplines of public real property work. Provided advice and guidance to other state agencies and to local public agencies in Washington State.

Former Executive Board Member – Region IV, of the AASHTO Subcommittee on Right of Way and Utilities.

Attended Business Administration, Claremont Men's College (now Claremont McKenna College)

Retired from WSDOT on December 1, 2008.

Dave Leonard - BEM Systems

Director of Environmental Management & Information Systems, CIO. Over 20 years of experience in leading information management and software technology businesses. Responsible for directing BEM's software solutions business including the industry leading PAECETrak™ GIS-enabled solution for Right-of-Way acquisition and property management. Directs BEM's GIS-based environmental data management and visualization solutions, which differentiate BEM and deliver software technology and tooling in support of BEM's Environmental Consulting clients.



Vicki Schofield - AASHTO

Joined AASHTO as Project Manager for the AASHTOWare™ Program in 2007. Responsible for developing and managing the DARWin-ME (Mechanistic Empirical Pavement Design); the Safety Analyst (software tools for highway safety management; the Turbo Relocation (Right-of-Way relocation benefits calculation), and software products. MCSE and taught network administration and design courses at the College of Southern Maryland part-time.

B.S. Degree in Languages and Linguistics, Georgetown University.



Wednesday, May 11, 2011

8:30 a.m.–10:00 a.m. *Breakout Session III*

Breakout 2—“Preliminary Right of Way and Utility Cost and Impact Analysis”

Speakers:

Florence Green, SR/WA ,RW-RAC– North Carolina DOT

Assistant Right of Way Branch Manager for the North Carolina Department of Transportation. (NCDOT) Has 21 years of experience in the Right of Way Industry in public and private sector. Served as District Relocation Manager for the Florida Department of Transportation and Consultant Project Manager for PBS&J.

IRWA member since 1989. IRWA Relocation Facilitator and member of the International Relocation Assistance Committee. Past President and Education Chair for Chapter 76.



Drew Markewicz, P.E. – The RBA Group

Licensed professional engineer with 25 years of preliminary and final design experience relating to multi-disciplined transportation projects. As the Principal-in-Charge of Highways, Utilities, and Project Management at the RBA Group, is responsible for oversight of the firm’s highway and utility projects. Has outstanding credentials in the field of utility and highway engineering, providing both utility companies and transportation clients with innovative, cost effective and streamlined project solutions - bridging the gap between utilities and the transportation project. Certified Project Management Professional (PMP) and serves as Project Manager on several multi-disciplined projects.



Breakout 3—“Looking Beyond the Surface: New Tools to Keep Projects on Track”

Speakers:

Jim Anspach – J.H. Anspach Consulting

Chairman of ASCE’s Board Committee on civil engineering codes & standards and the Construction Standards Board. As principal with So-Deep, founded and developed the practice of subsurface utility engineering. Left So-Deep in 2007 to focus on utility research projects and utility -related litigation.

Recent and current research projects include SHRP R-01, R-15, R01A, B &C, and NCHRP 205. Currently working with UIT and Caterpillar to integrate utility and geotechnical data into construction machine controls for safety and efficiency during highway construction projects.

2008 recipient of the FHWA’s Leadership in Utility and ROW Issues award.



Edgar Kraus, P.E. – Texas Transportation Institute

Associate Research Engineer in the Texas Transportation Institute (TTI) Research and Implementation Program. Been with TTI since 2001.

Primary fields of interest are transportation infrastructure management, right of way and utility issues, data architecture and application development, and spatial data technologies. Serves on several research projects, including a SHRP2 research project for the development of solutions for the identification and management of utility conflicts in the project development process, and an NCHRP study focusing on the improvement of right of way procedures and business practices.

Master of Science degree in Civil & Environmental Engineerin, University of Rhode Island with an emphasis on transportation engineering.

Master of Science degree in Civil Engineering, University of Braunschweig, Germany.

Professional Engineer in the State of Texas and an affiliate of the Transportation Research Board.



Breakout 4—“Research Resources: Analysis and Implementation”

Speakers:

Mara Campbell – Missouri DOT

Director for the Missouri Department of Transportation (MoDOT), a position she has held since June 2005. Responsible for coordinating organizational performance efforts including development and monitoring of organizational performance measures and essential process and quality efforts coupled with innovative and applicable transportation research. Previously directed the department’s strategic planning and policy efforts



David Reynaud - NCHRP

Senior Program Officer, NCHRP/TRB of The National Academy of Science. Experience in construction contracting field, working on subway stations and sewage treatment plants. Director of HITEC which provided evaluation services for new products that had no accepted standard or specification, to help them gain approval for use from state DOTs.

BS University of Maryland



Jon Obenberger - FHWA

Preconstruction Team Leader, FHWA Office of Infrastructure at US DOT FHWA since May 2004. Responsible for leading and managing the FHWA's Preconstruction Program which includes activities and initiatives focusing on geometric design; planning and development of highway improvement projects; access to freeway facilities; planning and design of managed lane facilities; FHWA Design Discipline; procurement, management and administration of consultant services; and context sensitive solutions.

Ph.D., Civil Engineering, Virginia Polytechnic Institute and State University

MS, Civil and Environmental Engineering

BS in Civil and Environmental Engineering, Civil engineering with a focus on transportation and management system, University of Wisconsin-Madison



Thursday, May 12, 2011

8:30 a.m.–10:00 a.m. *Breakout Session VI*

Breakout 1—“Outdoor Advertising”

Matt DeLong – Michigan DOT

Real Estate Administrator for the Michigan Department of Transportation since 2002. Responsible for oversight of real estate functions, oversize/overweight truck permitting functions, outdoor advertising control, utility coordination, and railroad agreements and coordination. Served on the Executive Committee of the AASHTO Subcommittee on Right of Way and Utilities since 2006 and has been the Real Estate Vice Chair since 2008.

Vice-Chairman, Right of Way, AASHTO Subcommittee on Right of Way and Utilities
BS in Civil Engineering and a Masters in Traffic Safety Engineering from Michigan State University.



Janis Gramatins - FHWA

Office of Real Estate Services (HEPR), FHWA; Team Leader, Program Implementation, HEPR, FHWA. Currently manages this Office in responding to field office ROW program inquiries, with adjunct responsibility for Federal Land Transfers, Property Management and Joint Property Development programs, and ROW/utility coordination. Previously responsible for managing Field Services, ROW Revolving Fund, hazardous waste issues, Outdoor Advertising and serving as field office contact for all ROW program areas, and involved with GIS and research activities for the HQ Office of Right of Way. (since December, 1987).

BA, Political Science, Michigan State University, 1970, MA, International Relations, University of Toronto, 1972, Real Estate Broker, Wisconsin 1986



Breakout 2—“Project Delivery Process”

Speakers:

John Garner – Florida DOT

Director, Office of Right of Way for the Florida Department of Transportation.
Member of the AASHTO Subcommittee on Right of Way and Utilities



Phil Meis, P.E. – Utility Mapping Services, Inc.

Registered professional engineer with a diverse background in civil design, surveying and mapping, geophysics, and data management. During the 90's served as project manager and design engineer-of-record for several large interstate reconstruction projects in Montana. For the past twelve years has focused attention and interests on subsurface utility engineering. In 2002 co-founded UMS to specifically address and execute SUE as a rigorous geophysical and engineering discipline.

Member of the Transportation Research Board Utilities Committee (AFB70).



David Polly – Oregon DOT

Senior Standards Engineer for the Oregon Department of Transportation. Most of 31 year career has been in Roadway Design for the Department. Currently oversees the development and interpretation of the Oregon Highway Design Manual and the Oregon Standard Drawings.

Registered Civil Engineer and Land Surveyor in the State of Oregon.



Breakout 3—“Every Day Counts”

Speakers:

Virginia Tsu – FHWA

Realty Specialist with the Office of Real Estate Services since March 2010. Project leader in providing oversight and guidance to seven of the New England states and FHWA Division offices in real estate and other highway transportation activities.

Office lead for the Every Day Counts Initiative, Capacity Building Group, and Discipline Support Council.

Served for 3 years as Realty/Civil Rights Manager in the FHWA Oregon, 2 ½ years as a Realty/Civil Rights Manager in the FHWA District of Columbia Division and 4 years in the FHWA Mississippi Division.

B.S. in Social Psychology, and M.Ed. in Counseling from College of Idaho.



Paul Scott – Cardno TBE

Past chair of the Transportation Research Board Utilities Committee and an advisor to the AASHTO Highway Subcommittee on Right of Way and Utilities. National Utilities Liaison for Cardno TBE. Retired from the Federal Highway Administration in 2003 with 34 years of service. During his last 12 years, while in the Washington, DC, headquarters office, he coordinated national-level utility relocation, reimbursement, and accommodation issues. He was involved in developing the FHWA's training course on highway and utility issues; the Purdue University SUE study; the AASHTO task force that developed utilities guidelines and best practices; and was vice-chair of the committee that prepared the recently released ASCE standard guideline for collecting and depicting existing subsurface utility data.

Presently an FHWA instructor for the highway/utility issues training course. Member of the American Society of Civil Engineers.

B.S. degree in Civil Engineering from the University of Tennessee, 1965. Registered professional engineer in Virginia and Kentucky.



Russell McMurry, P.E. – Georgia DOT

Assistant Division Director of Engineering for the Georgia Department of Transportation. Oversees the Roadway Design Office for the State which includes 90 designers and matrix assigned 7 District Design Offices consisting of 75 designers. Began career with GDOT in 1990 as trainee and has served as Construction project manager, Area Engineer, District Construction Engineer, District Preconstruction Engineer, Assistant District Engineer, and District Engineer. Responsible for preconstruction, construction, maintenance and overall operation of the 2,300 centerline miles of Interstates and State Routes in 21 counties.

Cum Laude graduate of Georgia Southern University and is registered Professional Engineer in the State of Georgia.



Breakout 4—“DOT Authority and Practices to Provide for Utility Corridors”
Speakers:

Marilyn K. Remer, P.E. – Minnesota DOT

Utilities Engineer at the Minnesota Department of Transportation since 2001. While in this position, she updated the State’s Utilities Manual and Accommodation Policy, started a SUE program, developed and implemented a web-based utility document and tracking system, and developed utility relocation procedures for design-build projects.

Before coming to the Utilities Unit, worked on Orion, the ITS Model Deployment Initiative in MNDOT’s Metro District, and on other ITS projects in the Minnesota Guidestar Office. Experience in final design, consultant agreements, state aid, bridge design, construction, foundations, and computer systems.

Bachelor of Science degree in Civil Engineering, University of Minnesota, 1982.



Jesse Cooper, RPLS – Texas DOT

Director of Mapping, Surveying and Utilities Section of the Right of Way Division of the Texas Department of Transportation (TxDOT) since October 1999. Began career with TxDOT in 1988 in the Bryan District Design Section as Engineering Technician. Held positions in Advanced Planning and District Surveyor.

Member of the AASHTO Subcommittee on Right of Way and Utilities
Experience in surveying, municipal work and project development in the private sector.

Received FHWA Honorable Mention Award for Excellence in Right of Way, Streamlining and Innovation, 2003, and a Utility Outstanding Achievement Award in Subsurface Utility Engineering in 2006.

Bachelor's degree in civil engineering, Texas A&M University, 1992. Completed certification as a Professional Land Surveyor in 1995.



Dennis Hollahan - Hanson Professional Services, Inc.

Land acquisition project manager at Hanson Professional Services Inc., a national, employee-owned engineering, architecture, planning and allied services consulting firm. Experience includes resolving compliance issues with federal and state eminent domain laws as well as supervising appraisals, negotiations, and relocations of displaced persons.

Served as section chief of land acquisition and property management for IDOT. Served as assistant chief counsel for IDOT and attorney in private practice.

Bachelor's degree in economics and political science, Yale University and a juris doctorate from Notre Dame Law School.



Chuck R. Mueller - Ameren

Employed by Illinois Power Company/Ameren for over 25 years. Held positions responsible for distribution engineering, electric distribution, substations, real estate, claims, damage prevention, field and central design engineering as well as managing operations of Belleville, East St. Louis and Sparta offices. Currently responsible for strategic initiatives including the implementation of a comprehensive operational audit effort.

Bachelor of Science in Electrical Engineering degree, University of Missouri, 1983.
Masters in Business Administration from Southern Illinois University, 1993.

10:30 a.m.–12:00 p.m. *Breakout Session VII*

Breakout 2—“Emerging Innovations in Design Build: Overlapping Design, Right of Way Acquisition, Utility Relocation, and Construction Phases in Pursuit of Faster Project Delivery”

Speakers:

David Musser, P.E. – Missouri DOT

Been with Missouri Department of Transportation since 1994. Worked in areas of Traffic Management, Contract Administration, Bridge Inspection and Maintenance and most recently with the Safe & Sound Bridge Improvement Program.

Obtained BSCE from the University of Washington in 1985.



Don Toner – Texas DOT

Director of Turnpike Right of Way for the Texas Turnpike Authority Division of the Texas Department of Transportation (TxDOT). Manages the right of way acquisition and utility adjustment program for statewide transportation projects being developed through Comprehensive Development Agreements (CDAs). Primary responsibilities include overseeing the Developer's effort in regard to Right of Way Mapping, Acquisition, Relocation Assistance, Condemnation, and Utility Coordination efforts.

Over 25 years of right of way experience and is currently licensed in Texas as a Real Estate Broker, and is certified as General Appraiser.

Bachelor of Science Degree in Economics and Business Administration from Southern Connecticut State University.



Jeff A. Sowers, P.E. – Cardno TBE

Branch manager with Cardno TBE overseeing utility coordination, Subsurface Utility Engineering (SUE), and utility program management services provided in multiple states. Has over 23 years of experience in the areas of Utility Coordination, Subsurface Utility Engineering (SUE), and Project Management.

Active member of the Transportation Research Board's (TRB) Utilities Committee and a former Indiana Department of Transportation (INDOT) Highway-Utility Manager.



Breakout 3—“Multi-level MOU”
Speakers:

Paul Scott – Cardno TBE

Past chair of the Transportation Research Board Utilities Committee and an advisor to the AASHTO Highway Subcommittee on Right of Way and Utilities. National Utilities Liaison for Cardno TBE. Retired from the Federal Highway Administration in 2003 with 34 years of service. During his last 12 years, while in the Washington, DC, headquarters office, he coordinated national-level utility relocation, reimbursement, and accommodation issues. He was involved in developing the FHWA's training course on highway and utility issues; the Purdue University SUE study; the AASHTO task force that developed utilities guidelines and best practices; and was vice-chair of the committee that prepared the recently released ASCE standard guideline for collecting and depicting existing subsurface utility data.

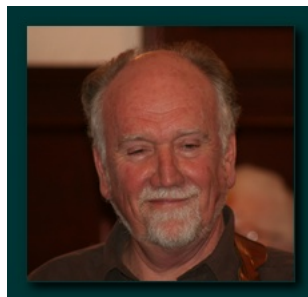
Presently an FHWA instructor for the highway/utility issues training course. Member of the American Society of Civil Engineers.

B.S. degree in Civil Engineering from the University of Tennessee, 1965. Registered professional engineer in Virginia and Kentucky.



Alan Hartley – DOT Adelaide, Australia

Started work in ROW in 1965 as an architecture student assessing the affect of major scheme on hundreds of properties. That began a long term career in ROW using architectural and business law qualifications in a variety of management roles in transport infrastructure. Involved in 4500 acquisitions and 450 business relocations.



Breakout 4—“Better, Faster, Cheaper: Streamline Project Development/Delivery”

Speakers:

Robert Walker - Neel Schaffer, Inc

Neel-Schaffer Inc., Vice President over Subsidiary. Over 22 years experience in transportation planning and engineering. Managed several large transportation projects including 120 mile EIS for new I-69 corridor, State Route 9 Right of Way and Utilities for new Toyota Plant, I-20 Interchange and Mainline Improvements in Vicksburg, MS.

Graduate of Mississippi State University, B.S. Civil Engineering, 1988



Dan Smith – Mississippi DOT

Division Administrator of Right of Way Division for Mississippi for 7 years.
Began work with Mississippi Department of Transportation in 1997.

Member of the AASHTO Subcommittee on Right of Way and Utilities
1979 graduate of Belhaven College
1982 graduate of University of Mississippi Law School



Michael Kennerly, P.E. – Iowa DOT

Director of the Office of Design for the Iowa Department of Transportation. A 1983 graduate of the University of Iowa with a Bachelor’s Degree in Civil Engineering. During a 28 year career with the Iowa DOT had worked in Construction, Bridge Design, Maintenance, Contracts, Project Scheduling and as Director of the Office of Design for the last nine years.



David C. O'Hagan, P.E. – Florida DOT

Serves as the State Roadway Design Engineer for the Florida Department of Transportation (FDOT). He is completing his seventh year of service for FDOT, five of which have been in his current position. David is responsible for all policies, procedures, and standards for the Department's roads. Specific areas of responsibility include road, drainage and pavement design; the pavement management system; utility accommodation/coordination; and quality assurance. He is also responsible for establishing minimum design, construction and maintenance criteria for all local roads and streets. Prior to coming to the Department, David spent 26 years as a consulting bridge engineer for several major and complex bridge engineering companies. This career began in 1980 following his graduation from Auburn University with a Master of Science and a Bachelor of Civil Engineering (1978).



1:30 p.m.–3:00 p.m. *Breakout Session VIII*

Breakout 1—“Developing and Maintaining Critical Core Competencies Use of Internet”
Speakers:

Jeff Baker, P.E. – Georgia DOT

State Utilities Engineer for the Georgia Department of Transportation (GDOT). Employed with GDOT for 23 years.

Member of the AASHTO Subcommittee on Right of Way and Utilities
Active member in the American Society of Civil Engineers (ASCE) and AASHTO Subcommittee for Right of Way and Utilities.

Bachelors of Science degree in Civil Engineering, Georgia Tech. Registered professional engineer in the State of Georgia.

Appointed member of the Georgia Public Service Commission's Advisory Committee for the Utility Facility Protection Act. Board member for the Georgia Utilities Coordinating Council.



Rick Barnaby - HNI

Director of Training for the National Highway Institute, Office of Professional and Corporate Development for the past 11 years.

For the 30 years he served in Command and Staff positions in the US Army in the US, Asia, Europe and the Middle East specializing in Transportation, strategic mobility, logistics management and training.

Undergraduate from Purdue University and an MBA from Babson College, he has attended Command and General Staff College, the Industrial College of the Armed Forces and The Federal Executive Institute.



Breakout 2—“Alternate Uses of Right of Way Unanticipated Consequences, Lessons Learned”

Speakers:

Joe Gray - Oregon DOT

Region 2 Right of Way and Utilities Manager for the Oregon Department of Transportation based in the Western part of the State (Salem Area). Currently working on two of the State's largest Right of Way projects that are high profile and entail extreme public involvement. Experience includes 15 years of Right of Way Management, 11 years of Survey, Utilities, Construction and Engineering experience for ODOT.



David Leighow - FHWA

Began his career in Right-of-Way/Real Estate with the Florida DOT in 1973. In 15 years with FDOT, served as State Relocation Administrator, State Outdoor Advertising Administrator, Assistant State ROW Administrator, and District ROW Administrator in Ft. Lauderdale.

Began his first tour with FHWA as a Realty Specialist in the LA Division. Left FHWA briefly to become a project manager for Kaiser Engineers in Florida, and subsequently returned to FHWA in 1992 in the CA Division. Moved to the WV Division in 1993 as the Environment/Civil Rights/Right-of-Way Team Leader, and in 1999 transferred out to the WA Division as the Realty Officer and the Safety, Planning and Environment Team Leader.

In 2006 left FHWA to become the Director of Planning and Program Development for FTA Region 10 in Seattle. Returned to FHWA in March 2008 and is now the Headquarters Point of Contact for the west coast Division Offices.



Carson Poe – Volpe Center

Transportation Industry Analyst whose research areas include climate change adaptation and mitigation, surveying and forecasting analysis, regulatory support, and various aspects of National Environmental Policy Act process.

Has led studies to estimate the country's unregulated oil and natural gas pipeline mileage, to quantify the revenue that could be generated by selling carbon credits generated along highway rights-of-way, and to develop a climate change adaptation strategy for the Federal Highway Administration.

M.A. in Energy and Environmental Analysis from Boston University's Center for Energy and Environmental Studies and a B.A. degree in interdisciplinary studies/environmental policy and planning from Appalachian State University. Also studied at the University of Amsterdam and The Mountain Institute in Nepal.



Breakout 3—Practical Design: *How to balance costs*
Speakers:

Joseph Jones - Missouri DOT

Tom Blair - Missouri DOT

Assistant District Engineer over System Management for the Missouri Department of Transportation. Responsible for all maintenance operations, traffic engineering, planning, local roads program, and the Gateway Guide intelligent transportation operation.



Ron Morris - Missouri DOT

Brian Kidwell - Missouri DOT

3:30 p.m.–5:00 p.m. *Breakout Session IX*

Breakout 1—“LPA Monitoring and Performance Measurement”
Speakers:

John Eckhardt - Arizona DOT

Lisa Barnes, SR/WA, R/W-RAC – OR Colan and Associates

Vice-President of ORC Training, LLC, affiliate of O. R. Colan Associates. Responsible for internal training and developing external training products.

Certified IRWA facilitator for relocation courses and co-author/presenter for IRWA's 2005 URA Seminars. Certified instructor for FHWA's National Highway Institute (NHI) and recognized as *NHI Instructor of Excellence* for 2009.

Former Chair of IRWA's International Relocation Assistance Committee. Received IRWA's 2008 Mark A. Green Award for excellence in journalism.

Phi Beta Kappa graduate of Florida State University and a licensed real estate broker and instructor in Florida.



Gregory L. Henneke, P.E. - IN American StructurePoint, Inc.

Executive Vice President, Director and Co-owner of American Structurepoint, Inc. Involved with design, construction and management in the fields of transportation engineering and public works since 1975.

Prior to current position, in 1997, held the position of Division Chief for both the Program Development and Design division of the Indiana Department of Transportation (INDOT), as well as the director of the City of Indianapolis Department of Public Works.

Recently, utilized knowledge of the rules and regulations of the local federal-aid process to assist INDOT in streamlining their LPA process.



Breakout 2—“Data Management Systems, Part 2”

Speakers:

Larry Ditty - Pennsylvania DOT

Chief Utility Relocation Administrator at Pennsylvania DOT (PennDOT). Has been with PennDOT for 11 years. Working with electronic document management systems since 2003.



Jim Anspach - J.H. Anspach Consulting

Chairman of ASCE’s Board Committee on civil engineering codes & standards and the Construction Standards Board. As principal with So-Deep, founded and developed the practice of subsurface utility engineering. Left So-Deep in 2007 to focus on utility research projects and utility -related litigation.

Recent and current research projects include SHRP R-01, R-15, R01A, B &C, and NCHRP 205. Currently working with UIT and Caterpillar to integrate utility and geotechnical data into construction machine controls for safety and efficiency during highway construction projects.

2008 recipient of the FHWA’s Leadership in Utility and ROW Issues award.



Breakout 3—“Utility and Transportation Projects Bridging the Gap”

Speakers:

Cesar Quiroga, P.E., PhD - Texas Transportation Institute

Research Engineer at the Texas Transportation Institute. Areas of interest include utilities, right-of-way acquisition and management, and optimization of the transportation project development process.



Chuck Taylor - SHRP2
