

**Greening Transportation at the Border Workshop**  
**Speaker Bios**  
**( February 23<sup>rd</sup> and 24<sup>th</sup> 2011)**

**Robert Arnold Bio**

Robert (Bob) Arnold is the Federal Highway Administration (FHWA) Director, Office of Transportation Management. This office is responsible for National programs focused on the reduction of roadway congestion.

The Office of Transportation Management deals mainly with reoccurring congestion in such areas as pricing, active traffic management, traveler information. As a member of the Agency's Senior Executive Service he is responsible for contributing to the development of overall strategic planning, policy development, and developing legislative proposals for the Administration.

Prior to taking this Operations position he was the Agency's New York Division Administrator from February 2001 until September of 2007. The Agency's Division offices work primarily with the various State Departments of Transportation to ensure the State's highway system is an integrated, effective, and efficient part of the National transportation system. He has also held positions with FHWA as the Assistant Division Administrator in New Jersey, District Engineer in New York, Field Operations Engineer in Oklahoma, Construction Engineer in the Agency's western Region, and Area Engineer in Baltimore, Maryland.

He received a Bachelor of Science in Civil Engineering from Ohio Northern University in 1983 and has worked for FHWA since graduation. He is also a 2006 graduate from the US Government - Office of Personnel Management's Federal Executive Institute.

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**Marc Aubin bio**

Marc Aubin works as an Economic Officer in Highway and Border Policy at Transport Canada. He has been involved in the Canada-U.S. Transportation Border Working Group since 2008 and an employee of Transport Canada since 2005. His educational background is in Commerce and Education. He is a life-long resident of Ottawa and deeply involved in his local community.

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**Ramiro BARRIOS BIO**

**Ramiro BARRIOS** has served as SEMARNAT's Director of Air Quality since March 2008. In this role, he is responsible for promoting, implementing and coordinating various federal, state and local government efforts toward cleaner air in Mexico. Previously, Ramiro was researcher and Project Leader at the Mario Molina Center for Strategic Studies on Energy and Environment (CMM) in Mexico City (working with Mario Molina, Nobel laureate for his work on atmospheric chemistry), leading different projects and studies in both the Air Quality and the Climate Change Strategic Programs.

Ramiro has strong experience in environmental and security aspects of the power and the automotive industries. He has been a consultant to the CEC (Commission for Environmental Cooperation) and to UNIDO. He has served on the faculty of the Engineering of the Anahuac University (Mexico City) and lectured in many international venues.

Ramiro holds a degree in Environmental Engineering from the Metropolitan Autonomous University (Mexico City) and a Master of Science degree in Environmental Science and Technology from the UNESCO-IHE Institute for Water Education (Delft, the Netherlands). He is a member of the College of Environmental Engineers of Mexico (CINAM), fellow of LEAD and Eisenhower Fellowships, where he participated in the program, "The Challenges of Urbanization".

Ramiro enjoys reading, listening to music and cycling and has taken courses of photography and hand-made paper. He has two beautiful daughters: Victoria (6) and Andrea (4).

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**JOHN BEALE Bio**

John Beale serves as Deputy Assistant Administrator of Air and Radiation in the United States Environmental Protection Agency. He manages the Office of Air and Radiation's work on international issues and climate

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change. Previously, John played a central role in the development and passage of the 1990 Clean Air Act Amendments, and continues to oversee policy development as the Amendments are implemented. He also represents the United States on several international clean air initiatives. John is the recipient of numerous awards, including the Presidential Rank Award for his exceptional long-term outstanding contributions to international environmental protection. Prior to coming to EPA, he served as staff member for two United States Senators, and practiced environmental law in Seattle. John graduated from the University of California at Riverside, and holds a Master's Degree from Princeton's Woodrow Wilson School of Public and International Affairs, and a Law Degree from New York University.

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**Laurie Berman Bio**

Laurie Berman was appointed in November 2009 as the District Director for the California Department of Transportation (Caltrans) District 11, encompassing San Diego and Imperial counties. Laurie is responsible for the daily operation of 1,300 employees and more than 1,000 highway lane miles. She oversees \$1.3 billion worth of highway construction projects and programs throughout the two-county area. With more than two dozen years of experience with Caltrans, Laurie began her career with Caltrans as a Junior Civil Engineer in bridge construction in Santa Barbara after earning her Bachelor of Science degree in Civil Engineering at Michigan State University in 1983.

She has a varied career, starting in the Caltrans Bridge Department, and then spending a couple of years at its Headquarters in Sacramento. Laurie served as the district's Chief Deputy Director of Project Delivery before her appointment to District Director. She was promoted to that post in December 2007, providing her with further opportunity to pursue her interests in innovative project delivery methods and finance. In addition to serving as an Ex-Officio member at the San Diego County Regional Airport Authority, Laurie is a member of the Transportation Research Board's Project Delivery Methods Committee and serves on the San Diego Association of Governments.

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**Loren Bloomberg BIO**

Loren Bloomberg, PE, is a senior transportation engineer with CH2M HILL. Based in Southern California, Loren has nearly 20 years of planning and engineering experience across the western U.S. and internationally. With experience in both traffic engineering and transportation planning in over 20 states, he has led or played a key role in numerous large-scale planning and operational analyses, conducting studies and developing plans for local areas, corridors, and entire regions, including roadways, maritime facilities, and airports. An experienced traffic engineer, Loren is a member of the Highway Capacity Committee of the Transportation Research Board, the international group of 30 professionals charged with developing and maintaining the Highway Capacity Manual (HCM). He played a role in developing the Greenroads rating system, where he wrote credits related to Access and Equity. Loren has also provided Greenroads training and applied the system on roadway projects for his clients.

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**Francisco Calvario Bio English**

Mr. Calvario has over 15 years of experience in the analysis, evaluation, administration, and financing of real estate, road infrastructure within diverse economic areas in the private sector initiative. He has collaborated with two of the largest banks in Mexico in the loans to project structuring, obtaining funding from the International Finance Corporation, the Inter-American Corporation Investment as well as other national and international funding sources. He had also participated in ecological projects promoted by IFC resources.

Throughout his career, he has restructured debt for exporting companies as well as securing successful financing for more than 500 million dollars to companies in specific infrastructure projects.

Within the public sector, he is part of the SCT team that developed the concession scheme to the private sector in which he has intervened in the financial analysis of concessions for approximately 26,000 millions of Pesos. Currently he serves as the Deputy Director for Bridges and International Crossings participating in highway infrastructure, bridges and international crossing planning as well as innovative financing schemes,

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currently with the Mexico-San Ysidro-Chaparral Port of Entry in the financial structuring draft that North American Development Bank (NADBANK) is analyzing for its construction.

#### **Francisco Calvario Bio Spanish**

El Sr. Calvario ha trabajado por más de 15 años en el análisis, evaluación, administración y financiamiento de proyectos de infraestructura carretera, inmobiliaria y de diversos sectores económicos de la iniciativa privada. Ha colaborado con dos de los mayores bancos de México en el área de estructuración de créditos a proyectos, logrando también obtener fondeo de la Corporación Financiera Internacional, de la Corporación Inter-Americana de Inversiones y de otras fuentes de fondeo mexicanas e internacionales. En estos financiamientos también intervino en proyectos ecológicos impulsados con los recursos de IFC.

En su trayectoria el Sr. Calvario ha logrado reestructuraciones de deuda de empresas exportadoras, así como ha logrado el financiamiento exitoso por más de 500 millones de Dólares en empresas con proyectos específicos de infraestructura.

Dentro del Sector Público ha formado parte del equipo de la SCT que ha desarrollado el nuevo esquema de concesionamiento al sector privado en el cual ha intervenido para el análisis financiero de concesiones por un monto aproximado a los 26,000 millones de Pesos y actualmente se desempeña como Subdirector de Puentes y Cruces Internacionales, interviniendo en foros de planeación de infraestructura de autopistas, puentes y cruces internacionales, de esquemas novedosos de financiamiento y en este momento en la inscripción del proyecto Puerta México-San Ysidro-El Chaparral y en la estructuración del financiamiento que Nadbank está analizando para su construcción.

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#### **Todd Carlson - Bio**

Todd is responsible for planning, project pre-design, design/construction documentation, public and private development review and state highway access permits for the northwest part of the Washington State Department of Transportation. His geographic area of responsibility includes the four most western border crossings between Canada and the US.

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Todd earned his undergraduate degree from Western Washington University, Huxley College of Environmental Studies in 1983 and his masters in urban planning from the University of Washington in 1988. Since then Todd has worked in the commercial packaging industry, where he learned a great deal about freight delivery, for cities, counties and now state government in the transportation planning, policy and project development arena. Todd represents the WSDOT at the International Mobility and Trade Corridor project and has collaborated with the British Columbia Ministry of Transportation and Infrastructure on an activity plan for "greening the border" between the province of BC and Washington State.

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#### **Francois CHAIGNON Bio**

Francois Chaignon started in COLAS after receiving his engineering degree from Ecole Nationale des Ponts et Chaussees in Paris in 1978.

He started with COLAS SA in 1978 in the Paris Region and has been working since then 32 years with the COLAS Group. He worked in the USA from 1981-1984 with Barrett Paving in New York and Illinois.

He then became technical director of COLAS South West where he started the development of cold in place recycling in this region and some other emulsion based products. After different positions at COLAS SA, he went back to the USA in 2003. Since then he is VP Quality Assurance and Technical Support for COLAS Inc. based in Morristown, NJ.

He is part of the advisory board of NCPP (National Center for Pavement Preservation), of committees of AI, NAPA and Pavement Preservation Expert Task group. He serves also as the AEMA president (2010-2011).

4 children and 2 grand daughters

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#### **Francisco Conde BIO**

Francisco has served as the Director of Special Projects & Communications with North America's Corridor Coalition, Inc. (NASCO)

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since January 2007, when he accepted a call to rejoin NASCO – a project he helped develop from its inception in 1994 and for its first three years.

Prior to rejoining NASCO, he served Texas State Representative Rafael Anchia as Director of Communications in his Dallas District Office and, prior to that, as his Legislative Director. In the latter position, Francisco assisted Anchia in research, development and communication of his impressive legislative agenda.

From 2002-to-2005 Conde worked with Dallas Mayor Laura Miller as her Public Information Manager and mayoral speechwriter.

Francisco has a passion for NASCO and seeing the coalition succeed. Among his primary responsibilities, he writes and edits The NASCO Report, a twice-monthly email newsletter publication of news and analysis on developments impacting the NASCO Corridor footprint across the three nations of North America. He also has helped lead NASCO's North American Inland Port Network (NAIPN), an alliance of major intermodal facilities. He has also helped develop NASCO's Educational Consortium initiative, a tri-national partnership with 22 academic institutions. He also leads the NASCO Corridor Environmental Initiative of cooperation and alliances with regional EPA offices, state Air Resource agencies and the Commission for Environmental Cooperation of North America.

Francisco began his career as a journalist. Between 1984 and 1993, Conde served as Chief Energy Correspondent for the Americas at Dow Jones Newswires Americas Desk in New York and as a foreign correspondent with the Associated Press news agency in Madrid, Spain.

A Cum Laude graduate of Lamar University, Conde holds a Bachelor of Science in Mass Communications. He attended France's Alliance Francaise in Madrid, Spain for post graduate studies in French.

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### **Manuel Cuan P.E. Bio**

In April 2008, Mr. Cuan started working full time at the Secretariat of Communications and Transportation of the United Mexican States (SCT) as Deputy Director for International and Intergovernmental Affairs. Some

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duties include international negotiations of border infrastructure in bridges and border crossings in coordination with diverse agencies, companies, organizations and federal, state and municipal, at national and international institutions. Prior of joining the Secretariat of Communications and Transportation, Mr. Cuan worked at Smith, Watts & Company serving as Executive Vice-President of Transportation Consulting. His duties were to assist the public and private sector clients to qualify for and advocate for state and federal transportation funds, deal with implementation issues regarding large scale transportation infrastructure projects, as well as assisting the partners in the development of construction phasing, financial plans and project level trouble shooting to make sure client transportation projects were completed on time and on budget.

On March 2002, Mr. Cuan served as a political appointee in the Bush Administration at the U.S. Department of Transportation. During his tenure, he served as the Special Assistant to the Director of Public Affairs where he advanced media events for Transportation Secretary Norman Y. Mineta and other top department officials, coordinated the agency's \$14 billion grant process, managed communication strategies with other administrations within the department, and served as the Hispanic media point of contact for the agency. Prior to joining the public affairs team, Mr. Cuan was posted to the Department's Federal Highway Administration (FHWA) as the Special Assistant to the Associate Administrator for Policy.

Before moving to Washington, Mr. Cuan served 13 years at the Arizona Department of Transportation (ADOT) in a variety of positions drawing on his engineering and trans-border expertise. He served as ADOT's Arizona-Mexico Liaison, and was responsible for the implementation of policy and strategic action plans relating to international activities and border transportation issues.

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**Alberto Ramon Deleon Mier y Terán Bio**

Alberto Deleon has been the deputy director for the Environmental Impact Office at the Secretariat of Communications and Transport (SCT) since 2007. In this capacity, he has defined criteria for contingencies in

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environmental impact material through analysis and application of documents issued by SEMARNAT to ensure compliance with the mitigation measures and implementations throughout project development. He has implemented mechanisms, which allow proper monitoring of real estate assets that make the bulk/design of the highways this ensures approval from the Secretariat of Environmental and Natural Resources in order to ensure compliance of regulations in regards to soil use changes.

Before joining SCT, he was the director of Terraconcreto de Mexico S.A de C.V. where one of his main tasks was the geotechnical application to the stabilization of slopes throughout Mexico. He also spent several years as Deputy Director of PEMEX's Office of Environmental Risk and Impacts Project Evaluation as commissioned by the Secretariat of Environment and Natural Resources (SEMARNAT). Alberto has an engineering degree from the Universidad Autónoma De México and is a postgraduate of the Massachusetts Institute of Technology in the nuclear power reactor safety field. He has been a professor at several universities and has taught Field of Physics at the Universidad La Salle, Financial Mathematics at the Universidad Tecnológica de México, and Advanced Evaluation Methods of Environmental Impact at the Universidad Politécnica de Madrid, among others.

Alberto Deleon resides in Mexico City with his family.

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**Francisco Doñez Bio**

Francisco Dóñez is a staff member at the U.S. Environmental Protection Agency in Los Angeles. His primary role is the Ports and Marine Sector Lead for the West Coast Collaborative, a public-private partnership aimed at reducing pollution from heavy duty diesel engines. Within that program, Francisco leads diesel cleanup efforts in the West Coast ports and marine sector, managing grants and building partnerships with state and local governments, community organizations, and industry. Trained in engineering, public policy and social science, Francisco is also a part-time instructor at Pitzer College in Claremont.

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**Juan José Erazo Garcia Cano Bio**

Mr. Juan Jose Erazo has 17 years of experience working at the **Secretaria de Comunicaciones y Transportes (SCT)** in Mexico City.

Since 1992 until 2003, Mr. Erazo worked at the office of the Secretary of Communications and Transport for the office of General Planning and Coordination of Delegations. Within his appointment, he was assigned to various positions like Director of Analytical Programming, Director of Regional Planning, Chief of staff and Coordinator of Special Projects for the General Planning Coordinator.

In 2004, Mr. Erazo became the Director of Intermodal and Border Infrastructure Projects. Since then, Mr. Erazo has been managing the office and leading different projects related to the development of highway transportation infrastructure and intermodal projects in the United States and Mexico border, as well as, other different important assignments like:

- Participation on the formulation of new Public-Private Partnerships.
- Concessions related to international bridges and border crossings.
- Coordination of strategic projects for highway infrastructure such as:
- The **Secure Electronic Network for Travelers Rapid Inspection** program (SENTRI) and the **Free And Secure Trade** program (FAST).
- Coordination for the Mexican part regarding the **Joint Working Committee (JWC)** for the planning of transportation infrastructure between Mexico and United States.

In addition, Mr. Erazo is planning and developing other projects along the entire border region that includes negotiation with the US and Mexico Border States and other federal agencies.

Mr. Erazo is also in charge of other different studies such as the identification of innovative finance mechanisms, ITS implementation programs, environmental infrastructure projects, **Border Technology Exchange Programs (BTEP)** and research for correctness of Bottlenecks at different strategic transportation corridors, as well as, analysis of

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connectivity with highway corridors to other modes of transportation such as sea ports, international ports of entries, airports and intermodal facilities. Mr. Erazo was born in Mexico City and graduated as an Industrial Engineer from the *Universidad Nacional Autonoma de Mexico* (UNAM) in Mexico City.

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### Salvado Espinosa Bio

**Salvador Espinosa** is an Assistant Professor at the School of Public Affairs at San Diego State University and Affiliated Faculty at the Workshop in Political Theory and Policy Analysis. He holds a B.A. in Economics from *Universidad Panamericana* (Mexico), as well as Masters and Ph.D. degrees in Public Affairs from Indiana University. He specializes in public financial administration in local governments, intergovernmental relations, infrastructure finance, and trans-border governance. His current research agenda focuses on the budgetary impact of federal transfers in Mexico, and the development of alternative funding mechanisms for strategic infrastructure in the US-Mexico border. Before starting his doctoral degree, Salvador worked as Budget Analyst for the City of Bloomington, Indiana; Research Associate for the Indiana Fiscal Policy Institute (Indianapolis, IN) and Coordinator of Information and Economic Development for the government of the state of Guanajuato (Mexico). Salvador is also the founder and CEO of *Ingeniería Gubernamental*, a consulting firm based in Mexico City and which specializes in state and local government finances.

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### Dave Fege Bio

Dave Fege works in EPA's San Diego Border Office. Mr. Fege provides leadership for EPA's Border Team to implement policy, projects, and other efforts to improve environmental conditions along the U.S-Mexico border. He also is the lead Border Office staff for binational air quality issues on the California-Baja California border. Mr. Fege has over thirty years' experience in environmental management in the public and private sector. His experience includes working in the areas of industrial wastewater treatment, hazardous and solid waste management and enforcement, drinking water, air quality and pollution prevention. He has worked at EPA's headquarters in Washington, D.C., at EPA's Regional Office in

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Philadelphia and now for EPA's Border Program in San Diego. Mr. Fege has a B.A. in economics from Kalamazoo College and a M.A. in Public Policy from the LBJ School of Public Affairs at The University of Texas at Austin.

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#### **Verónica Garibay-Bravo Bio**

Verónica Garibay-Bravo is Director of Research on Air Quality at the National Institute of Ecology (INE) since 2006. Her current duties include providing SEMARNAT and other Federal agencies with technical analyses on current and future policies aimed at reducing air pollution and its impacts on environment and health. She is also responsible for harmonizing, processing and reporting air quality data for 20 cities in Mexico and for compiling and improving available tools and data for emissions inventories nationwide.

Verónica has broad experience on environmental policy making, both in the private and public sectors. She worked as Manager of Environmental Affairs for the National Association of Chemical Manufacturers before joining INE in 2002, when she was designated as the lead for the first-ever National Emissions Inventory for Mexico. Her research experience includes studies on the benefits of implementing air pollution control policies in the transport sector, such as improving fuel quality, introducing better control technologies in vehicles and controlling emissions from power plants. Since 2007, she and her staff have also performed emissions measurements from 370 thousand vehicles in 12 locations, including six border cities. She holds a degree in Chemical Engineering and an MSc in Environmental Technology from Imperial College in London. She has published several papers in international journals, has been a contributing author in different books and book chapters and is a guest lecturer of the PhD program in Environmental Health of the National Institute of Public Health in Mexico.

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#### **Maria Elena Giner, P.E. Bio**

General Manager of the Border Environment Cooperation Commission (BECC) since October 2010. Ms. Giner is a Civil Engineer with more than 20 years of experience in the private and public sectors focusing on

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development and implementation of environmental infrastructure projects. She has also held the positions of Project Manager, Director of Technical Assistance, Director of Operations and Deputy General Manager at BECC. Prior to joining BECC, Ms. Giner served in several positions at the California Department of Transportation, the Los Angeles Department of Water and Power, the Metropolitan Water District of Southern California and a private consulting firm in El Paso, Texas.

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#### **Gerónimo Gutiérrez Bio**

Gerónimo Gutiérrez has extensive professional experience and expertise in U.S.-Mexican relations and border affairs, having served as the Under Secretary for North America at the Mexican Ministry of Foreign Relations from 2003 to 2006. In addition, he was Under Secretary for Latin America and the Caribbean, and more recently served as Under Secretary of Government in the Ministry of Government. In the area of finance, he was the Head of Advisory Staff in the Mexican Ministry of Finance and Public Credit between 1992 and 1994 and an advisor for the Mexican development bank, *Banco de Obras y Servicios Públicos* (BANOBRAS).

Gutiérrez Fernández has a Master's in Public Administration from the John F. Kennedy School of Government at Harvard University.

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#### **Lynda Harvey Bio**

Lynda Harvey is a Senior Manager, at FleetSmart in the Transportation Energy Use Division of Natural Resources Canada's Office of Energy Efficiency, located in Ottawa, Ontario.

Lynda is responsible for strategic planning, program expansion, industry awareness and partnership development for the commercial and institutional fleet sector.

In addition to strong relationships within the transportation sector, Lynda brings to FleetSmart over 30 years of business and program development as well as marketing experience in transportation in Canada and internationally working with many premier organizations. She has been a

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popular speaker at many conferences and symposiums on the subject of energy efficiency in the transportation sector and supply chain logistics always leading the discussion to both improving the business bottom line – saving fuel costs and reducing emissions.

Lynda is a graduate of Carleton University, has received several awards from both Natural Resources Canada and the U.S. Environmental Protection Agency and is a Fellow of the Chartered Institute of Logistics and Transport, located in London, UK.

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### **Esther Hitzfelder BIO**

Esther Hitzfelder has worked as a Special Projects Coordinator in TxDOT's International Relations Office/Government and Public Affairs Division since 2000. She participates in the US – Mexico Joint Working Committee and has collaborated with other states and agencies in both countries on a number of border related studies. In the last three years, she has worked extensively with FHWA, the Texas Transportation Institute, and local, state and federal stakeholders in both countries, on Commercial Border Wait Time/Travel Time studies at 5 different border crossings in Texas. She is also working with the Regional Border Master Plan Study in Laredo. In her career at TxDOT, she has also worked with the Border Governors' Conference, several research projects and numerous other projects and conferences. Prior to working at TxDOT, she held several positions at Delaware Technical and Community College. She also worked in the private sector in Mexico for 7 years and received her MBA from the University of the Americas in Mexico City.

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### **Andy Hoskinson Bio**

Andy Hoskinson, San Diego Area Manager for ECOtality North America, is the EV Project lead for the San Diego region. Andy is guiding local stakeholders in planning plug-in electric vehicle infrastructure for the San Diego region and is coordinating local jurisdictions' readiness for significant plug-in electric vehicle infrastructure improvements within the coming year.

Prior to joining ECOtality North America, Andy spent over a decade with

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several municipal and private urban planning organizations in the San Diego region. He has served as project manager on commercial, hospitality and industrial development projects, as well as developed municipal and special district infrastructure plans for capital improvements as varied as transportation and fire protection facilities. Andy studied urban planning at University of California at San Diego, community and regional planning at the University of Oregon and business at San Diego State University.

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### **Marty Howell Bio**

Marty Howell is the City of El Paso's Sustainability Program Manager. Marty's career began across the San Diego bay in the nuclear navy. Marty has over 15 years of engineering experience and has spent the last ten years in municipal government. His first exposure to environmental issues was as an environmental remediation consultant attempting to clean up contaminated soil and groundwater sites. Specific projects included cleaning up railyards, refineries and "the most contaminated square mile on earth" at the Rocky Mountain Arsenal. Marty moved from consulting to the public sector, working for several cities in northwest Colorado. Since moving to El Paso four years ago, Marty has grown to love the natural beauty and gracious people of the region. He hopes to act as a catalyst to help preserve our unique environment for his two young daughters. Marty earned a degree in Environmental Engineering from Cal Poly, San Luis Obispo, is registered as a Professional Engineer with the State of Colorado and recently earned accreditation with the Congress of New Urbanism.

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### **Anthony Kleppe Bio**

Anthony Kleppe is a Sr. Asset Manager with the General Services Agency in San Francisco, CA. As a Sr. Asset Manager working in GSA's Region 9 Land Port of Entry Program, Mr. Kleppe is responsible for the development of Feasibility Studies for LPOEs, coordination and communication with State, Local and Other Federal Agencies on GSA's Land Ports.

Prior to coming to GSA, Mr. Kleppe Managed Grubb and Ellis's property and project management operations in San Francisco where he managed

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regional construction projects, managed 700,000 square feet of commercial property, and was responsible for business development. Prior to his time at Grubb and Ellis, Anthony worked as an Asset and Property Manager for CB Richard Ellis, insignia/ESG, and Skanlan Kemper Bard.

Anthony's adopted hometown is San Francisco, where he and his wife of 20 years are raising three children. Anthony lists among his passions, making wine and restoring his 1890s Victorian home.

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#### **Robert Lee, P.E. Bio**

Robert works for the Texas Dept. of Transportation as a Senior Materials Engineer in the Flexible Pavements Branch of the Construction Division.

He graduated with a Bachelors of Science Degree in Civil Engineering from Texas Tech University in 1986. He earned his professional engineering license in Texas and has worked for TxDOT for 16 years and private industry for 8 years, all which have involved asphalt paving materials, testing, design and construction.

Robert has served in a Field Engineering role for TxDOT's Houston district, as Field Lab Supervisor for the Materials and Tests Division and as the National Systems Lab Manager for Koch Materials Company prior to his current role.

He currently provides technical support to TxDOT and the asphalt paving industry, is a liaison to the Texas Asphalt Pavement Association, Project Director for research projects on RAP and Recycled Asphalt Shingles, has implemented specifications for hot-in-place recycling and recycled asphalt shingles and serves on ASTM E-17 committee ( for Vehicle Pavement Systems). He writes articles for Texas Asphalt magazine and teaches classes on asphalt technology.

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#### **Gail Lewis Bio**

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Gail Lewis is the Director of P3 Initiatives and International Affairs for the Arizona Department of Transportation. In this capacity, she is leading the agency's effort to implement public private partnerships as an alternative project delivery and finance mechanism, and also oversees all of the departments' border-related planning, policies, projects, and initiatives. Prior to taking on the public private partnership oversight, Gail spent two years at ADOT as Director of Government Relations and Policy, overseeing federal, state, and local advocacy and government relations. Before joining ADOT, Gail spent four years as the policy advisor for transportation, international affairs, and economic development in the Arizona Office of the Governor, where she served as the Governor's liaison to the Departments of Transportation, Commerce, and Tourism. She previously spent a decade as the Director of Economic Development and Constituent Outreach for Arizona State University and served as an advisor to two Phoenix Mayors in the areas of economic development, downtown development, transportation, and government affairs. Gail has a bachelor's degree in Journalism and International Relations from the University of Southern California and a master's degree in International Affairs from Columbia University.

**Gail Lewis Bio Spanish**

Gail Lewis es la Directora de la Oficina de Iniciativas de P3 y Asuntos Internacionales para ADOT (Departamento de Transporte del Estado de Arizona.) En esta capacidad ella encabeza el esfuerzo de ADOT para implementar las asociaciones publico/privadas como un mecanismo de financiación y ejecución de proyectos alternativos. Asimismo supervisa todo lo relacionado con la frontera en cuanto a planificación, políticas, proyectos e iniciativas se refiere.

Antes de asumir el puesto de Directora de Iniciativas P3 y Asuntos Internacionales, Gail fue la Directora de Política y Relaciones Gubernamentales, supervisando las relaciones gubernamentales de apoyo a agencias federales, estatales y locales. Antes de unirse a ADOT, Gail pasó cuatro años como Asesora sobre Política de Transporte, Asuntos Internacionales y Desarrollo Económico en la Oficina de la Gobernadora de Arizona, donde sirvió como Oficial de Enlace de la Gobernadora para

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los Departamentos de Transporte, Comercio y Turismo. Anteriormente pasó una década como Directora de Desarrollo Económico y como vocera de los constituyentes de la Universidad Estatal de Arizona y sirvió en la alcaldía como asesora a dos alcaldes de Phoenix en las áreas de desarrollo económico, desarrollo de revitalización del centro de la ciudad, transporte y asuntos de gobierno.

Gail tiene un bachillerato en Periodismo y Relaciones Internacionales de la Universidad del Sur de California y una maestría en Relaciones Internacionales de la Universidad de Columbia.

Gail pertenece a la Junta del Consejo de Desarrollo Económico Internacional y es miembro activo con la Comisión de Ciudades Hermanas de Phoenix, Comité de Relaciones Exteriores de Phoenix y de muchos otros grupos de la comunidad. Lo más importante en su vida son sus dos hijos, Matt y Andy

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**Renata Manning-Gbogbo Bio**

Renata Manning-Gbogbo has recently received an interim assignment as Project Director for the Border Environment Cooperation Commission (BECC). In this new role, Renata is responsible for the implementation of project development and certification for environmental infrastructure projects; project promotion; and coordination/facilitation efforts with all project stakeholders. In her previous position as BECC's Senior Policy Advisor, Renata supported the institution's strategic planning efforts; US border regional planning; project prioritization tasks; policy, program, and procedures development; US outreach strategy; external agency coordination; and implementation or responses to instructions by the Board of Directors. She has worked with the bi-national institution since 2002.

Renata received a Bachelor of Business Administration in International Business from New Mexico State University in Las Cruces, New Mexico. Before joining BECC, Renata worked for Doña Ana County, New Mexico located adjacent to the US/Mexico Border, for 10 years. Her local government experience included the administration and management of state and federal grant programs and capital improvement projects related to strategic planning for economically-distressed communities;

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development and construction management of community facilities such as parks, senior centers and health facilities; and development of a new county-wide water utility, which included funding support from BECC and NADB grant sources.

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#### **Andrew Martin Bio**

Andrew Martin is an Associate Regional Planner for the San Diego Association of Governments (SANDAG). His current projects include working with local governments on a program to increase energy efficiency and reduce global warming pollution and assisting with preparation of the Environmental Impact Report for the 2050 Regional Transportation Plan. Andrew's past projects include updating the San Diego Regional Energy Strategy; preparing the SANDAG Climate Action Strategy; and developing a regional assessment of alternative fuels, vehicles and infrastructure.

Andrew holds a Master's degree in City Planning from San Diego State University and a BA in Sociology from California State University at Long Beach. He can be reached at 619-699-7319 or [ama@sandag.org](mailto:ama@sandag.org).

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#### **Maria Luisa O'Connell Bio**

Maria Luisa O'Connell was recently appointed by CBP Commissioner Alan Bersin to serve as his senior advisor for trade and public engagement. O'Connell assumed this role, after serving as the assistant commissioner for CBP's Office of Public Affairs. In her new role, O'Connell will guide CBP's engagement with the trade community, the public, Congress, other key stakeholders at all levels to ensure they are aware and understand that trade is an integral part of CBP's mission to make America safer, more prosperous and economically competitive.

Before joining the federal government, O'Connell served as president of the Border Trade Alliance, a Phoenix-based organization that represents 2 million stakeholders involved in border and trade issues in the U.S.,

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Canada and Mexico. During her career at Border Trade Alliance, O'Connell visited most CBP officials at most ports of entry on the northern and southern borders and worked with the Border Patrol on issues between ports. She has intimate knowledge of trade relations, environmental resources and health issues, travel and immigration, agri-business, import and export regulations, border and homeland security issues, as well as quality of life issues for border communities.

A native of Bogotá, Colombia, O'Connell is fluent in Spanish and is conversational in French. She received her bachelor's degree in finance and international relations from the Universidad Externado de Colombia. Prior to joining the Border Trade Alliance, she was a financial analyst at Bank One International Corporation and also had been involved with the National Federation of Merchants in Colombia.

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#### **Hal Parker Bio**

Hal Parker graduated from Mount Allison University with a degree in Political Science and History and started his career with the Government of Canada in the mid 70's as an Immigration Examination officer at the Woodstock, New Brunswick/Houlton, Maine border crossing. During his 23 years with Immigration Canada Hal occupied numerous positions at the local, regional and national level including a stint as a Visa Officer at the Canadian Consulate General in New York. In 2000 Hal moved to the Canada Customs and Revenue Agency (CCRA) where he assumed responsibility for the provision of Customs Port of Entry Examination facilities in all modes. In this position, Hal was the Canadian Co-Chair of the Joint Border Facilities Working Group. This working group was established under the auspices of the Shared Border Accord Coordinating Committee and was tasked with planning and constructing three joint Canada/U.S inspection facilities (Coutts/ Sweetgrass, Osoyoos/Oroville and Little Gold/Poker Creek). As part of this initiative, Hal help negotiated the Memorandum of Understanding between Canada and the United States concerning the establishment of procedures in relation to Shared Border Facility projects. This agreement between CCRA and the General Services Administration establishes the parameters governing the planning, design and construction of joint custom inspection facilities. In 2003, Hal moved to the Canada Border Services Agency as the Director

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Infrastructure Delivery and Coordination and continues to be responsible for the port of Entry inspection facilities and is a contributing member of the Canada/U.S. Transport Border Working Group.

Hal is married with three sons and is actively involved in his local Minor Hockey Association.

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#### **Buddy Polovick Bio**

Buddy has worked for the US Environmental Protection Agency for fifteen years as part of the Office of Transportation and Air Quality, which is part of EPA's Office of Air and Radiation. Based in Ann Arbor, Michigan at the National Vehicle and Fuel Emissions Laboratory, Buddy is the International Team Leader for the SmartWay Transport Partnership. Buddy is part of the EPA team who worked with industry leaders to develop and implement this innovative Partnership in 2004. Prior to SmartWay, Buddy worked to implement vehicle emission testing programs throughout the US. Before joining the EPA, Buddy served in the US Peace Corps as a Community Development Specialist in Mali, West Africa. His education background includes a B.A. in International Relations from The Ohio State University and graduate studies in Environmental and Natural Resource Policy at Michigan State University.

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#### **P.J. E. Quintana Bio**

Penelope J.E. Quintana is an Associate Professor of Environmental Health at the Graduate School of Public Health. She received her B.S. in Genetics from the University of California at Davis, her M.P.H. in Occupational and Environmental Health from San Diego State University and her Ph.D. in Environmental Health from the University of California at Berkeley. Her research focus is on assessing human exposure to environmental agents through measurements in biological tissues and through personal exposure monitoring, and studying genetic and environmental influences on the body's ability to protect against damage from toxic exposure. Recent studies include investigating levels of toxic pollutants in house dust in homes with young children. In conjunction with researchers at Universidad Autónoma de Baja California, Tijuana, she has studied markers of DNA

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damage in placentas from a Tijuana hospital, and exposure to toxic air pollution inside vehicles crossing the US-Mexico border and in the San Ysidro, CA community near the crossing.

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**Daniel Ramos Rodriguez Bio**

He is currently a Researcher at the Technology Center of Cement & Concrete, CEMEX Concrete (CTCC). He obtained his degree in Chemical Engineering at the Universidad Nacional Autónoma de México (UNAM). He presented a thesis on "Alkali Reactivity of Aggregates Representative of Mexico"

For four years, he was in charge of the laboratories "Physical Tests on Cement" and "Chemical Laboratory" of the CTCC, being responsible for releasing the cement, water, and additives for use in the operation of CEMEX Concrete nationwide. As part of his functions, he has performed chemistry and physics resolutions of claims in hardened concrete, being a judge, which resulted in the award of millions in claims.

He handles highly specialized equipment for analysis of raw materials of concrete. He participated in the development of 2 tools for rapid analysis of additives and water in plant, which brought cost reduction in production and downtime as well as testing of external laboratories.

He has participated in the development of new products such as Professional Concrete SMO, Duramax Professional Concrete, Thermal Mortar, Anti-termite Professional Concrete and is currently working on ultra high performance concrete with carbon nano tubes, photo catalytic concrete, and polymer concrete high resistance to chemical attack. He has participated in development of tools for calculating the R value resulting from use of one or more combinations of green CEMEX concrete that help reduce power consumption by use of air conditioning, also to ensure that homes meet INFONAVIT specification for rooms suitable for high level comfort . He has participated in the development of the "foot print" of many of the products and processes carried out in CEMEX Mexico.

Currently he participates in the technology transfer of special products to Mexico and Central America, and is responsible for implementing special products in Guatemala.

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He has published articles in scientific magazines and has testified in national and international congressional sessions as well as being a guest speaker in several national and international plenary sessions. He has actively collaborated with various national researchers, in the solution of social problems.

**Daniel Ramos Rodriguez Bio Spanish**

Daniel Ramos Rodríguez Investigador en el centro de Tecnología de Hormigón y Cemento, Concreto CEMEX. Obtuvo su licenciatura en ingeniería química en la Facultad de Química de la UNAM (Universidad Nacional Autónoma de México), presentó su tesis sobre "Álcali reactividad de agregados representativos de México" por cuatro años estuvo a cargo de los laboratorios "Pruebas físicas en cemento" y "Laboratorio químico" de la CTCC, responsable de liberar el cemento, agua y aditivos para utilizar en la operación de concretos de CEMEX en todo el país. Dentro de las funciones desempeñadas funge como juez en la resolución de reclamaciones sobre concreto reforzado la cual a determinado demandas millonarias. Maneja equipo altamente especializado para el análisis de materias primas de hormigón. Participa en el desarrollo de dos herramientas para el análisis rápido de aditivos y agua en la planta, la cual ha reducido costos y tiempo de inactividad en producción, así como pruebas de laboratorios externos. Ha participado en el desarrollo de nuevos productos como el Concreto Profesional SMO, Duramax Profesional de Concreto, mortero térmica, Concreto Profesional Antitermita y está trabajando actualmente en concreto de ultra alto rendimiento con nanotubos de carbono, catalítica hormigón de foto, polímero concreto de alta resistencia al ataque químico. Ha participado en el desarrollo de herramientas para calcular el valor de resultante r del uso de uno o más combinaciones de color verde que CEMEX concreto que ayudan a reducir el consumo de energía por el uso del aire acondicionado, también de garantizar que los hogares cumplan según lo especificado por el INFONAVIT para viviendas habitables con habitaciones con alto nivel de confort. Ha participado en el desarrollo de la "huella" de todos los productos y procesos que se llevó a cabo en CEMEX de México. Hoy por hoy participa en la transferencia de tecnología de productos especiales para México y América Central, responsable de la aplicación de productos especiales en Guatemala, ha logrado un aumento en la venta de ocho

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productos especiales. Ha publicado artículos en revistas científicas y ha presentado puestos de trabajo ante el Congreso nacional e internacional también ha sido invitado a dar conferencias plenarias en varios Congreso a nivel nacional e internacional. Ha colaborado con diversos investigadores nacionales, en la solución de los problemas sociales.

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**Ron Rienas BIO**

Mr. Rienas is the General Manager of the Peace Bridge Authority and oversees operations of the Finance, Human Resources, Operations, and Toll/Traffic Departments, as well as, the capacity expansion project. Prior to holding this position, he was the Facilities Manager of the Peace Bridge Authority beginning in 2000.

He previously spent 12 years as the Director of Planning & Property Safety with the Town of Fort Erie where he oversaw the planning and building departments. Prior to his tenure with the Town of Fort Erie, Ron was employed with the Ministry of Municipal Affairs, Ontario, and with an urban and rural planning consultant firm in the Niagara Region.

He holds an honors bachelor's degree in urban and regional planning with an environmental studies major and management studies minor.

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**J. Shawn Rizzutto Bio**

Shawn has worked for the Department of Transportation for Over 19 years, 17 of which have been in the Division of Construction. I have an extensive background in materials, design, specifications and construction of both large and small highway projects. He is currently the Resident Engineer for over 100 million dollars of new alignment 4 lane expressway, as well as the Construction Engineer for Imperial County/Eastern San Diego County and the District Directors Liaison to Imperial County. Additionally, Mr. Rizzutto is the District 11 subject matter expert on PCCP, AC, RAC, Surface Treatments and construction administration. I have been involved in the pavement preservation sub task group for seal coats for the past 7 years and have served as the co-chair for the last 5 years.

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**Stephen Roop Bio**

Dr. Roop is an Assistant Agency Director overseeing the Multimodal Freight Transportation Programs and the Transportation Safety Center at the Texas Transportation Institute. He is responsible for guiding transportation and safety research in the areas of rail, ports and waterways, intermodal trucking, and pipelines with the goal of establishing these areas as a national focal point for innovative research. Dr. Roop is a systems design engineer leading TTI's efforts to develop innovative systems for freight transportation. As the designer of the Freight Shuttle System and Chairman of Freight Shuttle International, Dr. Roop is involved in prototype design, project development, and assessment of cross border opportunities.

He chairs the National Highway-Rail Grade Crossing Safety Conference, sponsored by TTI, is a member of the Transportation Research Board Committee on Intermodal Freight Transport (AT045) and Committee on Highway-Rail Grade Crossings (AHB60). Dr. Roop also serves as an Adjunct Professor in the Bush School of Government and Public Service at Texas A&M University in College Station, Texas.

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**José Ruiz Bio**

José Ruiz currently serves as Director of Project Development for the North American Development Bank (NADB). In this capacity, he heads the development and financing of infrastructure projects in the areas of water, wastewater, storm drainage, solid waste, hazardous waste management, air quality, clean and renewable energy, energy efficiency, public transportation and ports of entry, through the Bank's loan and grant programs.

Prior to joining the NADB in 2000, Mr. Ruiz held various positions in the area of water infrastructure financing and development in the private sector, in which he participated in the formulation, development and

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implementation of public-private partnerships for the financing, construction, operation and maintenance of priority water and wastewater projects in México and the United Kingdom. At NADB, he has directed innovative loan structuring schemes for utility-risk and municipal-risk loans in the structured debt market in México. In the United States, he has been in charge of structuring loan transactions with various communities and water utilities through municipal and revenue bonds issued specifically for purchase by NADB.

Mr. Ruiz has 17 years of experience working in the infrastructure sector and holds a degree in Civil Engineering from the Universidad Nacional Autónoma de México and a Master's in Business Administration from the University of Lancaster in the United Kingdom.

**José Ruiz Bio (Spanish)**

José Ruiz sirve actualmente como Director de Desarrollo de Proyectos en el Banco de Desarrollo de América del Norte (NADB). En esta capacidad, él dirige el desarrollo y financiación de proyectos de infraestructura en las áreas de agua, aguas residuales, drenaje de tormenta, residuos sólidos, manejo de desechos peligrosos, calidad del aire, energía limpia renovable, eficiencia energética, transporte público y puertos de entrada, a través de préstamos bancarios y programas de becas.

Antes de unirse al NADB en el año 2000, él ocupó diversos cargos en áreas de financiación y desarrollo de infraestructura de agua en el sector privado, participando en la formulación, desarrollo y aplicación de asociaciones públicas-privadas para la financiación, construcción, operación y mantenimiento de proyectos en prioridad de agua y aguas residuales en México y el Reino Unido. En NADB, ha dirigido esquemas innovadores para préstamos de riesgo sobre utilidades y préstamos municipales en el mercado de deuda estructurada en México. En Estados Unidos ha estado a cargo de estructurar las transacciones de préstamo con diversas comunidades y compañías de agua a través de bonos municipales y de bonos de ingreso emitidos específicamente para la compra por parte de NADB.

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El Sr. Ruiz tiene 17 años de experiencia en el sector de infraestructura y es egresado en Ingeniería Civil de la Universidad Nacional Autónoma de México y además, tiene una Maestría en Administración de Empresas de la Universidad de Lancaster en el Reino Unido.

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**Pete Sepulveda, JR. Bio**

Pete Sepulveda, Jr. was born on June 24, 1964 in Rio Grande City, Texas. He attended public schools in Rio Grande and graduated from high school in 1982. In 1986 he graduated from Texas A&M University with a Bachelors of Business Administration degree with an emphasis in Finance. After a short stint with the City of Edinburg, he worked nine years for the City of Pharr, the last five as City Manager. In Pharr he was instrumental in securing the necessary permits for the Pharr-Reynosa International Bridge which began operations on January 10, 1995. He became City Manager in Eagle Pass in 1996 and was also instrumental in acquiring the necessary approvals for the Eagle Pass – Piedras Negras Bridge II, known as the Camino Real International Bridge. In 1998, he became the International Bridge System Director for Cameron County and placed the Veterans International Bridge in operation on April 30, 1999. In February 2004 after a department consolidation, he became the Director of the Department of Transportation for Cameron County where he oversaw eleven different divisions, including among others the international bridges, engineering, public works and the County Airport. In October of 2006, Mr. Sepulveda became Chairman of the Border Trade Alliance, a non profit organization that facilitates trade between the U.S., Mexico and Canada. On January 2007, Mr. Sepulveda was promoted to County Administrator in Cameron County where he is responsible for all the county operations. Since February 2005, Mr. Sepulveda has also served as the Coordinator of the Cameron County Regional Mobility Authority, a governmental agency working on over \$1.75 billion of transportation projects. Mr. Sepulveda is married to Myrna Sepulveda and they have three daughters, Vivien Sophia, Rebekkah Naoemi and Yaretzi Rubi.

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**Tony Shallow Bio**

Tony is a Senior Economist in the Coordination & Policy Branch for Transport Canada in the Ontario Region.

Tony is a graduate of Memorial University of Newfoundland (B.A. Hon., P. Science), the University of Manitoba (M.N.R.M.) and York University (M.A. Economics).

He first joined Transport Canada in 1982, working consecutively for Airports Group, Canadian Coast Guard, and Policy Group in St. John's Newfoundland. On transferring to Ontario region in the fall of 1995, he was afforded the opportunity to cultivate a specialized, functional interest in Canada/U.S. transportation/trade corridors and Canada-U.S. gateway management issues. Over the years Tony has been active in several binational coalitions, including the Can/U. S. Transportation Border Working Group (TBWG), the Eastern Border Transportation Coalition (EBTC) and Can/Am Border Trade Alliance, and routinely works in concert with his Canadian, U.S. and industry counterparts on a variety of transportation, trade and data related initiatives. His Border Wait-Time Demonstration project, which was a joint-venture partnership with the Bridge and Tunnel Operators Association, the motor carrier industry, and Turnpike Global Technologies, an Ontario-based GPS service provider, was a direct outgrowth of those collateral efforts.

Tony has been married to the same gal for over 31 years, they have 3 sons ages 25 to 20, and sadly both mom and dad have become hopelessly addicted to GOLF.

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**John Simpson Bio**

Mr. Simpson has more than twenty five years of practical experience and proficiency inside, and outside of government in the technical areas of sustainable design, engineering, construction, operation, maintenance, management, contracting and evaluation.

He has led multi-disciplined, multi-national, teams of professionals working with clients, cities, campuses and military bases across the globe, to provide analysis of their resource flows to reduce costs, gain competitive

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advantage, create wealth, and strengthen environmental performance through the application of a whole-systems approach that not only recognizes the underlying causal linkages, but sees places to turn challenges into opportunities.

Mr. Simpson joined GSA's Office of Federal High Performance Green Buildings (OFHPGB) to apply his experience, knowledge and skills in every aspect of sustainable design and program implementation. The OFHPGB at GSA, along with its sister office at the DOE, will drive sustainability and energy independence for the Federal Government. We will do so by becoming a proving ground for innovative technologies and innovative policies. We will take risks that the market is unable, or unwilling to, in order to create this atmosphere of innovation and entrepreneurial vigor that will propel the US back to the fore front of policy and technology development and transfer.

Mr. Simpson is currently leading several initiatives for the OFHPGB: Federal Buildings Personnel Training Act, Zero-Net-Energy/Zero-Environmental-Footprint, Update of the GSA Water Guide, Water-Energy Nexus, Geo thermal Acceleration Plan, A/E Procurement Training, Greening the Borders, Sustainable Consulting Contract Vehicle, Green Building implications on Fire Safety, and Green Data Centers.

Mr. Simpson is a Registered Professional Engineer and a LEED Accredited Professional. He holds a Masters Degree from Stanford University and a Bachelors Degree from the University of South Carolina – both in Civil and Environmental Engineering.

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**Sue Stendebach Bio**

**Sue Stendebach** is Senior Advisor on International Air Quality to EPA's Assistant Administrator and Deputy Assistant Administrator for Air and Radiation. In this role, Sue collaborates with counterparts throughout the Americas to plan, facilitate, coordinate and carry out air quality and climate change projects, programs and capacity building. As such, she is instrumental in drafting, negotiating and implementing many related bilateral, trilateral and multilateral agreements within the Western

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Hemisphere. Within North America, Sue is co-chair of the U.S.-Mexico Border 2012 Air Policy Forum, and currently chairs the CEC North American Air Working Group.

Sue has played several other roles within EPA prior to 2006, to include: Senior Policy Advisor in the Office of Transportation and Air Quality, where she coordinated clean fuels and vehicles projects in China, India and Mexico; Special Assistant to the Administrator on air and energy issues, Chief of EPA's Stratospheric Ozone Protection Branch; and environmental policy analyst in the Acid Rain Division.

Before embarking on her EPA career, Sue served as the Environment and Energy Legislative Assistant to Senator Bob Graham of Florida, a member of the Senate Environment and Public Works Committee. Along with a cast of contributors, Sue played an active role in shaping the Clean Air Act Amendments of 1990. Prior to the Hill, Sue worked in the State of Texas Washington Office as the Natural Resources Coordinator, having come to D.C. from Texas Governor Mark White's Office, where she focused on environmental and energy policy.

Sue holds a Master of Public Affairs degree from the LBJ School of Public Affairs, University of Texas, Austin.

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**LaNae Van Valen Bio**

LaNae Van Valen is currently the Chief of the Plan and Grants Liaison Branch in the Office of Regional and Interagency Planning at the California Department of Transportation (Caltrans). As a Branch Chief at Caltrans headquarters located in Sacramento, LaNae and her staff are responsible for a wide range of planning activities including: administering FHWA and FTA discretionary grant processes; legislative bill analysis; developing policy for long-range transportation plans; and addressing transportation/land use planning efforts such as California's SB 375.

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LaNae has been at Caltrans for over 20 years and has prior work experience in transportation system planning; intergovernmental review; and projects/plan coordination.

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#### **Mario Vázquez Bio**

Mario Vázquez is an environmental engineer with more than 30 years experience mainly in the fields of water and wastewater treatment, environmental impact assessment, risk analysis, industrial safety and feasibility of energy projects. Currently, he is the director of Environmental Program Development for the Border Environmental Cooperation Commission (BECC). He supervises the development of air quality, solid waste and energy projects, and areas of regional planning and environmental programs including the coordination and management of projects and contracts of the Border 2012 program with EPA. He is also involved with the methane to markets initiative, the development of environmental infrastructure regional plans and the development of the state climate action plans for the six border states.

He is chemical engineer from the national university in Mexico (UNAM).

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#### **Juan Carlos Villa Bio**

Mr. Villa has thirty years of professional experience in transportation and logistics projects. He has experience in consulting, research and engineering projects in Mexico, the U.S. and other Latin American countries. For the last 9 years he has performed research activities and recently moved to Mexico City to manage the office of the Texas Transportation Institute (TTI), part of the Texas A&M University System. Mr. Villa has extensive experience in border issues, for the Federal Highway Administration (FHWA), the Texas and the Arizona Departments of Transportation he is currently managing several projects identifying technologies to measure border crossing time and delay, and analyzing performance measures at commercial border crossings. Mr. Villa is the

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Secretary of Transportation Research Board (TRB) International Trade and Transportation Committee (AT 020), and member of the Freight Transportation Data Committee (ABJ90) and the Freight Transportation Planning and Logistics (AT 015) Committee. He is past president of the Council of Logistics Management Roundtable- Mexico City (2000-2001), and holds a Master of Science degree in Transport Studies from Cranfield Institute of Technology in England.

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**Eric Weaver Bio**

Mr. Weaver has been a Research Civil Engineer for the FHWA Office of Infrastructure R&D at the Turner-Fairbank Highway Research Center since 2002. His primary responsibilities are conducting research in modeling response and performance of pavement systems. Mr. Weaver holds a BS in Mechanical Engineering and an MS in Engineering Mechanics from Penn State.

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**Todd Williams Bio**

Todd Williams is the Director of ADOT's Office of Environmental Services and has been with the agency since March 2006. In this role, Todd is responsible for overseeing all environmental functions for the agency.

Prior to moving to ADOT, Todd managed and participated in Air Quality, Water Quality, and Environmental Programs at the Maricopa County Environmental Services Department, the Flood Control District of Maricopa County, and Environment Canada. Todd was the Asbestos NESHAP (National Emissions Standards for Hazardous Air Pollutants) Coordinator for Maricopa County from 1997 until 1999.

Since then he has been active in storm water management issues in the arid southwest and has been actively involved in water quality, air quality, and environmental issues for over twenty years. Todd has a Bachelor of Science Biology Specialist Degree from the University of Toronto and a Master of Science Degree (Biology) with a specialization in Environmental Toxicology from the University of Waterloo.

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Todd resides with his wife Karen, his daughters Kateland, Ashley, and son Tristan in Queen Creek, Arizona.

**Todd Williams Bio Spanish**

Todd Williams es Director de la Oficina de Servicios Ambientales de ADOT, desde Marzo del 2006. En esta función, Todd es responsable de supervisar todas las funciones ambientales para la Agencia.

Antes de asumir este puesto en ADOT, Todd administró y participó en los programas ambientales sobre la calidad de aire y agua en el Departamento de Servicios del Medio Ambiente del Condado de Maricopa, el Centro de Control de Inundaciones del Condado Maricopa y Medio Ambiente de Canadá.

Todd fue el Coordinador de Asbesto para “Normas Nacionales de Emisión para Contaminantes de Aire Peligroso” (NESHAP por sus siglas en Ingles) del Condado Maricopa desde 1997 hasta 1999. Desde entonces ha participado activamente en cuestiones de gestión de aguas pluviales en el árido suroeste, calidad del agua, calidad del aire y las cuestiones ambientales durante más de veinte años. Todd tiene un bachillerato en Licenciatura de Biología de la Universidad de Toronto y una Maestría en Ciencias (Biología) con especialización en Toxicología Ambiental de la Universidad de Waterloo.

Todd reside con su esposa Karen, sus hijas Kateland y Ashley y su hijo Tristán en Queen Creek, Arizona.