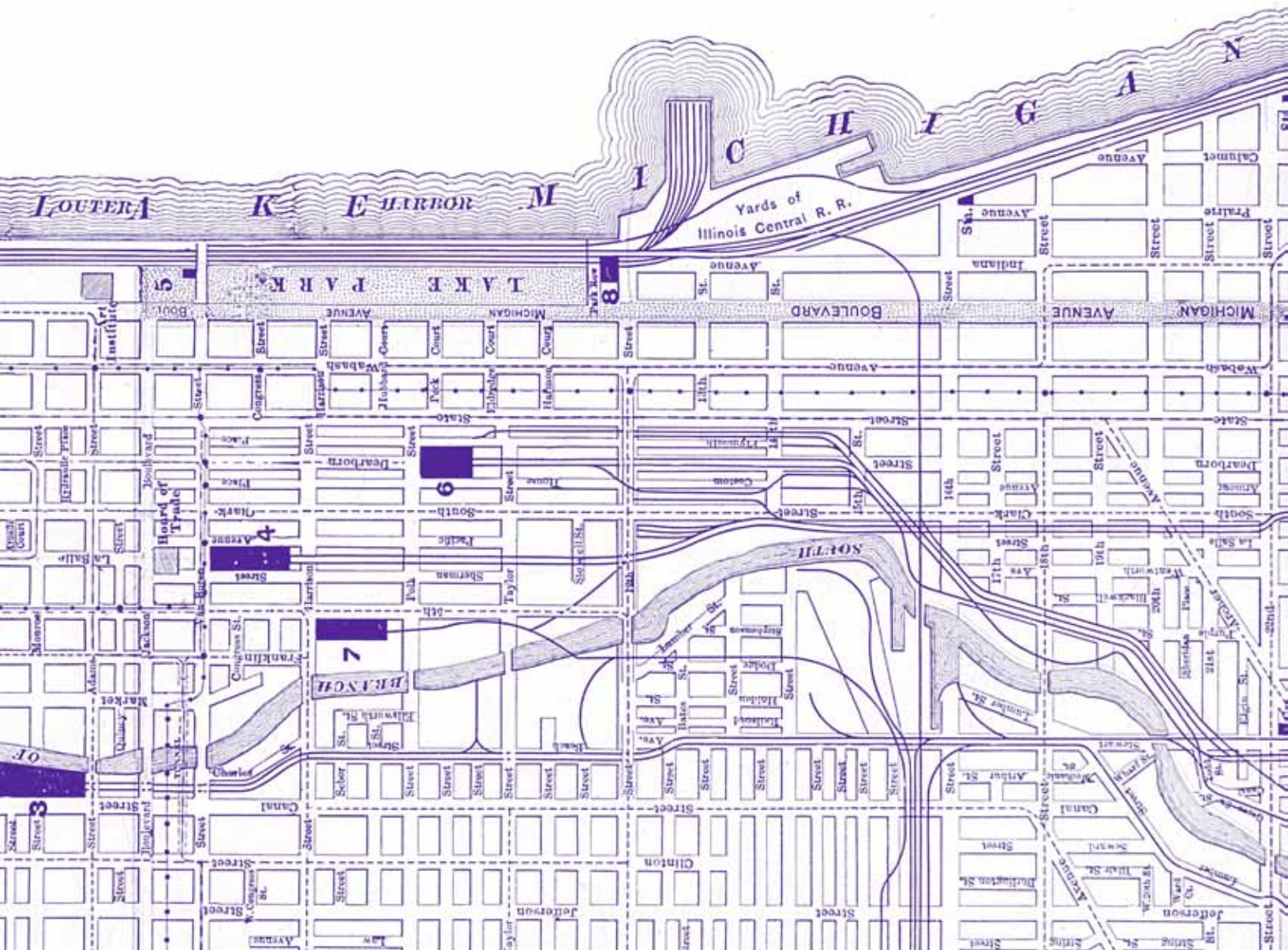


THE ANNUAL WILLIAM O. LIPINSKI  
SYMPOSIUM ON  
TRANSPORTATION POLICY





This portrait of the Honorable William O. Lipinski hangs at the Infrastructure Technology Institute, which is affiliated with the McCormick School of Engineering at Northwestern University. Rep. Lipinski was instrumental in designating Northwestern as a federally funded university transportation center.

To Symposium Participants:

As the honorary host, I welcome you to The Third William O. Lipinski Symposium on Transportation Policy. This year we will address freight transportation for the Chicago region. Chicago has been, and remains, freight hub to the nation. This began with the natural connection between Lake Michigan and the Mississippi River first utilized more than 300 years ago. The centrality of Chicago in the nation's freight system was secured with the advent of the railroads in the 19th century. Today, the confluence of Interstate highways and the national dominance of O'Hare Airport keep Chicago the nation's freight center.

This pre-eminence of Chicago as a freight hub brings us a high level of national and international connectivity for goods movement, supporting local industries, markets, and jobs. At the same time, freight flows bring us challenges –congestion on all modes, delays as freight is interchanged among railroads and between rail and truck, and consequent problems of safety and air pollution.

Participants in the 2009 Symposium will learn about the freight challenges and opportunities facing Chicago and the nation from leaders in government, industry, and academia. Together we will have the opportunity to discuss achievements and consider action priorities to make freight flows to and through Chicago more efficient, sustainable, and environmentally sound.

Sincerely,

A handwritten signature in black ink, reading "William O. Lipinski". The signature is written in a cursive style with a large initial 'W'.

William O. Lipinski  
Member, 1983 - 2005  
U.S. House of Representatives

# AGENDA

## THE ANNUAL WILLIAM O. LIPINSKI SYMPOSIUM ON TRANSPORTATION POLICY Moving the Goods: Chicago and the Nation's Freight

This year the Lipinski Symposium will address issues and opportunities in freight transportation for the Chicago region. Chicago has been, and remains, freight hub to the nation. Symposium participants will hear perspectives on the freight challenges and opportunities facing Chicago and the nation and presentations by leaders in government, industry, and academia, and they will discuss achievements and action priorities to make freight flows to and through Chicago more efficient, sustainable, and environmentally sound.

### **8:30 – 8:45**      ***Chicago's Freight Legacy: Welcome & Introduction***

***Introduction:***      ***Joseph L. Schofer***  
Associate Dean and Professor of Civil and Environmental Engineering,  
Robert R. McCormick School of Engineering and Applied Science; and  
Director of Infrastructure Technology Institute, Northwestern University

***Welcome:***          ***William O. Lipinski***

### **8:45 – 09:15**      ***Freight in Today's Economy (20-minute talk, 10 minutes for questions)***

***Peter DeFazio***  
Chairman, Subcommittee on Highways and Transit,  
U.S. House Transportation and Infrastructure Committee

### **9:15 – 9:45**      ***Remarks***

***Ray LaHood***  
Secretary, U.S. Department of Transportation

### **9:45 – 10:00**      ***Break***

### **10:00 – 12:30**      ***National Perspectives on Freight for America (20-minute talks, 10 minutes for questions)***

**10:00 – 10:20**      ***Joseph C. Szabo***  
Administrator, Federal Railroad Administration

**10:30 – 10:50**      ***Daniel Elliott***  
Chairman, U.S. Surface Transportation Board

**11:00 – 11:20**      ***Martin A. Sandoval***  
Chairman, Illinois Senate Transportation Committee

**11:30 – 11:50**      ***Daniel Lipinski***  
U.S. House Transportation and Infrastructure Committee

**12:00 – 12:20**      ***Gary Hannig***  
Secretary, Illinois Department of Transportation

### **12:30 – 1:30**      ***Lunch in the Atrium***

**1:30 – 2:00**      ***Presentation of “The David F. Schulz Award for Outstanding Public Service in Transportation and Infrastructure”***

**Moderators:**      ***William O. Lipinski and Joseph L. Schofer***

**Award Winners:**    ***St. Anthony Falls I-35W Bridge Team***  
Figg Engineering, Linda Figg  
Minnesota Department of Transportation, Jon Chiglo  
Federal Highway Administration, Romeo Garcia  
City of Minneapolis, Jon Wertjes  
Contractors: Peter Sanderson, Flatiron-Manson, a Joint Venture

**2:15 – 2:45**      ***National and International Railroading Challenges***

E. Hunter Harrison  
President and CEO, Canadian National Railroad

**2:45 – 3:15**      ***Break***

**3:15 – 4:35**      ***Modal Perspectives on Chicago Freight Challenges: Congestion, Capacity, Delays, Costs, and Opportunities***

**3:15 – 3:35**      ***Railroads: Edward R. Hamberger***  
President & CEO, Association of American Railroads

**3:35 – 3:55**      ***Trucking: Michael Burton***  
President, C & K Trucking

**3:55 – 4:15**      ***Logistics: Ann Drake***  
CEO, DSC Logistics

**4:15 – 4:35**      ***Intermodal Lessons from Europe: Hani Mahmassani***  
William A. Patterson Distinguished Professor of Transportation and  
Director, Transportation Center, Northwestern University

**4:45 – 5:45**      ***The Future of Freight, a round table discussion***

***Elaine Nekritz***  
Chair, Illinois House Railroad Industry Committee

***James LaBelle***  
Vice-President, Chicago Metropolis 2020

***Norman Carlson***  
Consultant

***Paul E. Nowicki***  
Assistant Vice President, Government & Public Policy, BNSF Railway Company

***Luis Arroyo***  
Chairman, Illinois House Infrastructure Committee

***Joseph L. Schofer***  
Moderator

**5:45**              ***Wrap up and adjournment***

# SPEAKER BIOGRAPHIES

## **Illinois Rep. Luis Arroyo (D-3rd Dist.) Chairman, Illinois House Infrastructure Committee**

Luis Arroyo has served in the Illinois House of Representatives since 2007, where he is a member of the following committees: Executive, Business Occupational Licenses, Infrastructure (Chairperson), Mass Transit (Vice-Chairperson), and Public Utilities.

Arroyo was born on June 13th, 1954, in Corozal, Puerto Rico, and attended Pulaski Elementary School and Tuley High School (now Roberto Clemente High School) in Chicago. He is a member of the International Union of Bricklayers and Allied Craftworkers and has been a Chicago municipal employee since 1985. Owner of Arroyo's Restaurant for five years, a Board Member for McCormick-Tribune YMCA, the past Puerto Rican Parade Committee Vice-Treasurer, the Poetas Baseball League Sponsor (Humboldt Park), and past Member of the Fullerton Merchants Association, he and his wife Maribel have three adult children (Luis Jr., Denise, and Alberto) and two grandchildren (Jocelyn and Jaylen).

## **Michael Burton President, C&K Trucking**

Michael Burton is currently the President and CEO of C&K Holdings Acquisition, LLC, the parent Company of C&K Trucking, LLC, Skyline Express, LLC and AV Logistics, LLC. C&K Trucking, LLC, with approximately 400 active trucks, provides intermodal drayage services in Chicago; Norfolk; Front Royal, VA; South Kearney, NJ; Savannah; Atlanta; Jacksonville; and Dallas. AV Logistics, LLC, provides international logistics services to large and medium sized importers and/or exporters.

In 2003, Burton led the leveraged buyout of C&K Holdings. Prior to C&K, he was employed at LaSalle Bank NA for 17 years, most recently as Senior Vice President and Division Head of Commercial Lending. During his career at LaSalle, Burton provided financial and capital structure advice to middle market companies.

Burton is on the board of the Illinois Trucking Association and the Business Advisory Committee of Northwestern University's Transportation Center. He is involved with his community and serves on the board of Misericordia Heart of Mercy, Starkey Hearing Foundation, and OLPH Parish Council. He is an active member in multiple industry associations including, the Intermodal Association of North America, the Intermodal Association of Chicago, The Traffic Club of Chicago, and Northwestern University Transportation Center's Sandhouse Gang.

Burton received his MBA from Northwestern's Kellogg School of Management in 2000 and his business degree from the University of Illinois in 1987. He is married with 4 children and lives in Glenview, Illinois.

## **Norman Carlson Consultant**

Norman Carlson was the Worldwide Managing Partner of Transportation Industry Practice of Arthur Andersen & Co. from 1990 until 2000. Subsequently, he has been the chairman of the board of RailWorks during its bankruptcy reorganization and advisor to regional, shortline, and a Class 1 railroad. He is presently active in the Transportation Center here at Northwestern University.

## **U.S. Rep. Peter DeFazio (D-OR) Chairman, Subcommittee on Highways and Transit, U.S. House Transportation and Infrastructure Committee**

Congressman Peter DeFazio was first elected to the U.S. Congress in 1986. He is the dean of the Oregon House delegation, represents southwest Oregon, and has developed a reputation as an independent, passionate and effective lawmaker.

DeFazio is a senior member of the House Transportation and Infrastructure Committee where he serves as Chairman of the Highways and Transit Subcommittee, and also serves on the Aviation and Railroad Subcommittees. In 2005, DeFazio served as the ranking Democrat on the Highways Subcommittee where he helped negotiate a five-year federal highway and transit spending bill called SAFETEA-LU.

DeFazio also serves on the House Committee on Homeland Security and sits on the Transportation Security and Infrastructure Protection Subcommittee and the Management, Investigations and Oversight Subcommittee, as well as on the House Natural Resources Committee, where he sits on the Subcommittee on National Parks, Forests and Public Lands.

DeFazio has refused congressional pay raises while the federal government is deficit spending, and has linked his pay to Social Security cost-of-living adjustments. Instead, he has turned his pay raises into scholarships at Oregon's five southwestern community colleges: by the end of 2009, DeFazio will have contributed over \$300,000 in after-tax salary to fund 187 scholarships, which are among his proudest accomplishments.

## **Ann Drake CEO, DSC Logistics**

Ann Drake is Chairman and Chief Executive Officer of DSC Logistics. Since becoming CEO in 1994, Ann Drake has guided DSC through a transformation from an extended family of 22 separate companies to a dynamic supply chain partner with a nationwide network of integrated logistics and supply chain management operations. Drake fostered the creation of a strong Strategic Partnership organization focused on helping customers achieve their goals, including reducing costs, improving service, transforming business processes, and facilitating growth and change. DSC's business includes new as well as long-term, expanding partnerships with Fortune 500 companies in a variety of industries, including consumer goods, food, electronics, paper products, healthcare, and medical devices.

As an industry leader, Drake is Vice Chairman of the Business Advisory Council (BAC) for the Northwestern University Transportation Center and serves on the Board of Governors of the Metropolitan Planning Council.

In 2009, Drake was named by the Illinois Institute of Technology (IIT) as "Industry Leader of the Year," and she led the discussion on "Evolution of Outsourcing to Lead Logistics Provider" for the annual global conference of the Council of Logistics and Supply Chain Management Professionals (CSCMP). She received her undergraduate degree from the University of Iowa and her Master of Business Administration degree from the Kellogg School at Northwestern University.

## **Daniel R. Elliott III Chairman, U.S. Surface Transportation Board**

Chairman Daniel R. Elliott III was sworn in as the fifth chairman of the Surface Transportation Board on August 13, 2009, for a five-year term expiring Dec. 31, 2013. He has two decades of experience as an attorney, including 16 years litigating in the transportation field. In his confirmation hearing, he said he would use his chairmanship to bring more harmony to the often contentious relationship between shippers and railroads and bring more openness and speed to the Board's processes.

Since 1993, Elliott served as associate general counsel to the United Transportation Union, where he practiced before the Surface Transportation Board. He also practiced before the National Mediation Board, National Labor Relations Board and in Department of Labor federal grant employee protective arrangement proceedings. Earlier, Chairman Elliott worked in private practice in Cleveland and Washington, D.C.

Elliott was born in Ann Arbor, Michigan, in 1962 and grew up in Cleveland. He graduated from the University of Michigan in 1985, with

a degree in political science, and earned a law degree from Ohio State College of Law in 1989.

**Edward R. Hamberger**  
**President & CEO, Association of American Railroads**

Ed Hamberger serves as President and Chief Executive Officer of the Association of American Railroads (AAR). Prior to joining the AAR in July 1998, he was a managing partner of the Washington, DC, office of Baker, Donelson, Bearman & Caldwell. He came to the firm in 1989 after having served as Assistant Secretary for Governmental Affairs at the Department of Transportation.

Hamberger began his career in transportation in 1977 as General Counsel of the National Transportation Policy Study Commission. In 1985, he was appointed as a member of the Private Sector Advisory Panel on Infrastructure Financing and in 1994 served as a member of the Presidential Commission on Intermodal Transportation. He currently serves on the Blue Ribbon Panel of Transportation Experts, appointed by the National Surface Transportation Policy and Revenue Study Commission.

Hamberger received his Juris Doctor, and both a Master of Science and a Bachelor of Science in Foreign Service from Georgetown University.

**Gary Hannig**  
**Secretary, Illinois Department of Transportation**

On February 28, 2009, Governor Pat Quinn named Gary Hannig Secretary of the Illinois Department of Transportation.

Hannig was born July 22, 1952, in Litchfield, Illinois. He was raised in Mt. Olive, Illinois, where he attended Holy Trinity Catholic Grade School and Mt. Olive Community High School. Before graduating from Mt. Olive High School in 1970, Hannig was selected as a member of the prestigious National Honor Society. He attended the University of Illinois in Champaign, where he graduated with honors with a degree in Accounting in 1974. In 1975, he passed the exam to become a Certified Public Accountant.

In 1978 Hannig was elected as the youngest member of the Illinois House of Representatives at that time. He served as a member in every General Assembly until he resigned in February 2009. He was appointed Assistant Democratic Leader for the 89th General Assembly and rose to Deputy Majority Leader for the 94th General Assembly, where he also served as the chief budget negotiator for the House Democrats.

**E. Hunter Harrison**  
**President & CEO, Canadian National Railroad**

E. Hunter Harrison became President and CEO of Canadian National Railroad (CN) on January 1, 2003, having served as Executive VP and COO during the previous five years. He was appointed to the Company's Board of Directors on December 6, 1999. Prior to joining CN, he had been President and CEO of the Illinois Central Corp. (IC) and the Illinois Central Railroad Co. (ICRR), as well as a director of both IC and ICRR, from 1993 to 1998.

In 1963, Harrison joined the Frisco (St. Louis-San Francisco) Railroad as a carman-oiler in Memphis while still attending school. He advanced, first with the Frisco, then with Burlington Northern (BN) after BN acquired the Frisco in 1980. Before moving to IC and ICRR in 1989, he served as BN's VP of Transportation and VP of Service Design.

With IC and ICRR, Harrison first held the position of VP and COO, becoming Senior VP of Transportation in 1991, Senior VP of Operations in 1992, and President and CEO the following year. At IC, he initiated the concept of scheduled service for freight shipments and, by 1996, had succeeded in driving the railroad's operating ratio down by some 30 points to the low 60s - the best in the entire North American rail industry. In 2005, he wrote, *How We Work and Why*, which chronicles how CN railroaders think and operate.

Harrison is a member of Canadian Council of Chief Executives; was named North America's Railroader of the Year by *Railway Age* magazine in 2002; and, in 2006, received the B'nai Brith Canada Award

of Merit, the Jewish community's most prestigious honour in Canada. In 2007, Mr. Harrison received an Honorary Doctor of Laws degree from University of Alberta and was selected as CEO of the Year by Report on Business magazine.

**James LaBelle**  
**Vice-President, Chicago Metropolis 2020**

As Vice-President of Chicago Metropolis 2020, Jim LaBelle provides leadership on regional development and transportation planning, funding and governance issues. He co-authored "*The Metropolis Plan: Choices for the Chicago Region*" in 2002 and was the principal author of *The Metropolis Freight Plan: Delivering the Goods* in 2004. He helped draft and negotiate legislation creating the Chicago Metropolitan Agency for Planning and legislation to reform and fund the Regional Transportation Authority.

He previously served as Executive Director of Business Leaders for Transportation, Executive Director of the DuPage Mayors & Managers Conference, General Manager of North Point Marina, Director of Project Development for Skipper Marine Development, Administrative Assistant for the Village of Carol Stream, and owner of a real estate firm.

LaBelle holds a Masters Degree in Public Administration from Northern Illinois University and a B.A., magna cum laude, from NIU in political science and business administration. LaBelle and his wife Jan live in Zion, Illinois, and have five sons.

**Ray LaHood**  
**Secretary, U.S. Department of Transportation**

Before becoming Secretary of Transportation, Ray LaHood served for 14 years in the U.S. House of Representatives from the 18th District of Illinois (from 1995-2009). During that time he served on the House Transportation and Infrastructure Committee, and, after that, on the House Appropriations Committee. Prior to his election to the House, he served as Chief of Staff to U.S. Congressman Robert Michel, whom he succeeded in representing the 18th District, and as District Administrative Assistant to Congressman Thomas Railsback. He also served in the Illinois State Legislature.

Before his career in government, Secretary LaHood was a high school teacher, having received his degree from Bradley University in Peoria, Illinois. He was also director of the Rock Island County Youth Services Bureau and Chief planner for the Bi-States Metropolitan Planning Commission in Illinois. LaHood and his wife, Kathy, have four children (Darin, Amy, Sam, and Sara) and eight grandchildren.

**William O. Lipinski**

Former Rep. Lipinski served in the U.S. Congress from 1983-2005. From 1995 until his retirement, he served as ranking member of three different subcommittees of the House Transportation and Infrastructure Committee: Railroads, Aviation, and Highways & Transit. During his time in Congress, Rep. Lipinski was instrumental in securing federal funds for construction of the Chicago Transit Authority's Orange line, which spans from downtown Chicago to Midway Airport, and he played a pivotal role in passage of multiple aviation and surface reauthorization measures.

Rep. Lipinski was born in Chicago and educated at Loras College in Dubuque, Iowa. He served in the United States Army Reserve and was a public administrator with the Chicago Park District. In 1975 Mayor Richard J. Daley named him the Democratic committeeman for Chicago's 23rd Ward, in the southwestern portion of the city. He was elected alderman of the 23rd Ward the same year, serving until his election to Congress.

**U.S. Rep. Daniel Lipinski (D-IL)**  
**U.S. House Transportation and Infrastructure Committee**

Having grown up near Midway Airport, U.S. Representative Dan Lipinski is a proud native of Illinois' Third Congressional District, which he has represented since 2005. The district includes large parts of south and southwest Chicago, as well as numerous suburbs in west and southwest

Cook County, and is one of the most diverse and vibrant areas in the entire country.

As a member of the House Transportation and Infrastructure Committee, Lipinski has been a leading advocate for the CREATE rail modernization program, a \$1.5 billion public-private partnership to reduce rail and road congestion throughout the Chicago region. Lipinski also serves on the Science and Technology Committee, where he is chairman of the Research and Science Education Subcommittee and sits on the Energy and Environment and Technology and Innovation Subcommittees. On the Small Business Committee, he belongs to the Regulations, Health Care, and Trade Subcommittee.

Lipinski taught Political Science at the University of Tennessee and at the University of Notre Dame. He served on the staffs of former House Minority Leader Richard Gephardt and Congressmen Lane Evans, Jerry Costello, George Sangmiester, and Rod Blagojevich, the House Administration Committee, and the House Democratic Policy Committee, and worked for the U.S. Department of Labor and the Illinois General Assembly's Commission on Intergovernmental Cooperation. Lipinski earned a Bachelor's Degree in Mechanical Engineering from Northwestern University, a Master's Degree in Engineering-Economic Systems from Stanford University, and a Ph.D. in Political Science from Duke University. Lipinski and his wife, Judy, reside in Western Springs.

**Hani S. Mahmassani**  
**Director, Northwestern University Transportation Center,**  
**Professor, Civil and Environmental Engineering, Robert R.**  
**McCormick School of Engineering and Applied Sciences**

Dr. Hani S. Mahmassani specializes in multimodal transportation systems analysis, planning and operations, dynamic network modeling and optimization, transit network planning and design, dynamics of user behavior and telematics, telecommunication-transportation interactions, large-scale human infrastructure systems, and real-time operation of logistics and distribution systems.

Mahmassani received his Ph.D. in Transportation Systems from the Massachusetts Institute of Technology in 1982, and M.S. in Transportation Engineering from Purdue in 1978. He chairs several technical and professional committees in the US and internationally, and is the incoming Editor-in-Chief of *Transportation Science*, and Associate Editor of *Transportation Research C (Emerging Technologies)*. He has served as the Paper Review Chair of the Traffic Flow Theory and Characteristics of the Transportation Research Board since 1989, and is the immediate past president of that committee. He is a past president of the Transportation Science Section of the Institute for Operations Research and the Management Sciences, and the immediate past President of the International Association for Travel Behavior Research. He has published over 175 refereed articles and conference proceedings, and over 100 technical reports. He has served as Principal investigator on over 95 funded research projects sponsored by the National Science Foundation, The Advanced Technology Program, General Motors Research Laboratories, Texas Department of Transportation, Texas Governor's Office, Capital Metropolitan Transportation Authority, U.S. Department of Transportation, and Federal Highway Administration, and served as consultant to several companies and government agencies in the areas of transportation modeling, operations, logistics, and intelligent transportation systems. He has served in an advisory capacity to various institutes and programs, and has performed several program assessments of leading international research institutes and corporate R&D departments.

**Illinois Rep. Elaine Nekritz (D-57th Dist.)**  
**Chair, Illinois House Railroad Industry Committee**

Illinois Representative Elaine Nekritz is in her third term in the Illinois House of Representatives. She represents the 57th District, which encompasses portions of several of Chicago's north and northwest suburbs: Des Plaines, Glenview, Mount Prospect, Niles, Northbrook, and Prospect Heights. Nekritz is the Chair of the Railroad Safety Committee, the Elections & Campaign Reform Committee, and the Water Subcommittee, and also serves as Vice-Chairperson on the Environment & Energy Committee. In addition, she serves on the Committee of

the Whole, Appropriations-Higher Education, Environmental Health, Renewable Energy, and Judiciary I-Civil Law.

**Paul Nowicki**  
**Assistant Vice-President of Government & Public Policy,**  
**BNSF Railway Company**

Paul Nowicki started his career with Santa Fe Railway as a market research analyst in 1979. Since then, he has held positions in marketing, strategic planning, business development, logistics, and government affairs. He is currently Assistant Vice-President of Government & Public Policy, responsible for BNSF's government affairs activities in the Midwest.

Nowicki began working in the public policy area in 1994 when he served as staff director for the National Commission on Intermodal Transportation. He recently served as chair of the Western Governors' Association Task Force on Rail Efficiency and Community Livability, and currently co-chairs the Chicago Metropolitan Planning Council's Transportation Committee. Nowicki also serves on the Advisory Board for the U.S. Merchant Marine Academy and is active with the Transportation Research Board.

He has a bachelor's degree from the University of Wisconsin-Milwaukee and an M.B.A from Northwestern University, and he lives in Wilmette, Illinois.

**Illinois Senator Martin A. Sandoval (D-12th Dist.)**  
**Chairman, Illinois Senate Transportation Committee**

Currently serving his third term as Illinois State Senator, Martin A. Sandoval has spent 25 years in public service at the federal, county, and state levels, including the U.S. Department of Defense, U.S. Department of Veteran's Affairs, U.S. Environmental Protection Agency, and Metropolitan Reclamation District of Greater Chicago.

Prior to holding office, Sandoval led a grassroots movement to turn an abandoned railroad yard at the doorstep of his home into the first school-park campus ever designed and built in Chicago. It quadrupled green space and provided 2000 elementary students a school in their own neighborhood that is now considered the crown jewel of school-park campuses in the Chicagoland area.

On January 30, 2009, Sandoval was appointed Chairman of the Senate Transportation Committee at a critical time to revive the Illinois economy with a major infrastructure program. During the current 96th Legislative Session, Sandoval has been a major advocate in passing a comprehensive Capital Plan, which will not only build roads, bridges, schools, parks, libraries, police and firefighter's stations, and streets, but will put people back to work.

Sandoval is also a member of the Appropriations II, Licensed Activities, and Energy Committees, and has served as Chairman of the Illinois Senate Commerce and Economic Development Committee. Sandoval resides in Gage Park with his wife, Marina, and their children, Angie, Marty Jr., and Jenny.

**Joseph L. Schofer**  
**Director, Infrastructure Technology Institute,**  
**Professor of Civil and Environmental Engineering,**  
**and Associate Dean of the Robert R. McCormick School of**  
**Engineering and Applied Sciences, Northwestern University**

Joseph Schofer is Professor of Civil and Environmental Engineering, Associate Dean of the Robert R. McCormick School of Engineering and Applied Science, and Director of the Infrastructure Technology Institute at Northwestern University. He has served as chairman of his department and as Interim Dean of the McCormick School.

His expertise is in transportation policy and planning, including travel behavior market research and system and service evaluation. His recent research and professional work includes civil infrastructure planning and management, data as an asset for transportation system decision making, and sustainability of cities and their transportation systems. His work in transportation decision making and policy setting focuses on linking understanding of user behavior to system performance,



outcomes, and decisions. He has published over 130 articles and book chapters and more than 50 technical reports.

Schofer serves on the Transportation Research Board (TRB) Committee on National Data Needs, TRB's Section on Data and Information Systems, TRB's Advisory Committee on Capacity for the Strategic Highway Research Program (II), The Board of Advisors of the University of California, Davis Institute for Transportation Studies, The Transportation Committee for the Chicago Metropolitan Agency for Planning, The (Chicago) Mayor's Pedestrian Advisory Committee, and the Citizen's Advisory Board of Pace, Chicago's suburban bus transit operator. He is a life Member of the American Society of Civil Engineers, and a member of the Institute of Transportation Engineers.

Schofer earned his B.E. degree in Civil Engineering from Yale University, and his M.S. and Ph.D. in transportation engineering from Northwestern University.

**Joseph C. Szabo**  
**Administrator, Federal Railroad Administration**

Nominated March 20, 2009, and confirmed by the United States Senate on April 29, 2009, Joseph C. Szabo is the twelfth Federal Railroad Administration (FRA) Administrator, responsible for overseeing the operations for the eight hundred plus person organization; managing a comprehensive railroad safety assurance program and regulatory initiatives; enforcing railroad safety laws and regulations; developing and implementing national freight and passenger rail policy and financial assistance programs; and overseeing wide-ranging advanced research and development projects in support improved railroad safety.

Szabo is a fifth generation railroader who, between 2006 and 2009, was Vice President of the Illinois State Federation of the AFL-CIO. He has served as mayor of Riverdale, Illinois, a member of the South Suburban Mayors Transportation Committee, and Vice Chairman of the Chicago Area Transportation Study's Executive Committee. In 2002, he chaired the Governor's Freight Rail Sub-Committee and, in 2005, was assigned by the United Transportation Union International to the FRA's Railroad Safety Advisory Committee (RSAC), where he participated in the development of rail-safety regulations. Szabo has served on the Executive Council of Chicago Metropolis 2020, focusing on Land Use Planning and Transportation issues, and the Board for the Historic Pullman Foundation. He was a member of the Chicagoland Metropolitan Planning Council. He holds a baccalaureate degree in Labor Relations from Governors State University.

# THE DAVID F. SCHULZ AWARD



The David F. Schulz Award for Outstanding Public Service in Transportation and Infrastructure is presented at the William O. Lipinski Symposium on Transportation Policy. This award commemorates the lifelong commitment of David F. Schulz (1949-2007) to transportation infrastructure. Founding Executive Director of Northwestern University's Infrastructure Technology Institute, David was an articulate spokesman and advocate for transportation throughout his career as a public servant, elected official, university leader and teacher.

The Schulz Award is intended to honor individuals for technical or legislative innovation in solving a problem in the fields of transportation or infrastructure, or for public-policy leadership in calling attention to problems in transportation or infrastructure. Eligible recipients include: elected and appointed officials at all levels of

government; authors, writers or members of the news media; leaders from the transportation industry or engineering community; and researchers or members of the academic or nonprofit communities. Awardees are selected by a committee comprised of a representative designated by the Dean of Northwestern University's Robert R. McCormick School of Engineering and Applied Science (MEAS), a representative designated by the president of Northwestern University and a representative or representatives designated by the host or hosts of the Symposium.

Nominations may be made at any time by writing to The David F. Schulz Award, c/o Dean of MEAS, Northwestern University, 2145 Sheridan Road, Evanston, IL 60208-3101.

# INFRASTRUCTURE TECHNOLOGY INSTITUTE



**MORE INFO AT:**

**[HTTP://WWW.ITI.NORTHWESTERN.EDU](http://www.iti.northwestern.edu)**

The Infrastructure Technology Institute at Northwestern University was established in 1992 with a mission of research, technology transfer, management and policy studies, and education to improve the nation's transportation infrastructure. The Institute is an interdisciplinary center within Northwestern's Robert R. McCormick School of Engineering and Applied Science. It is located on the University's campus in Evanston, Illinois, and funded by a grant from the US Department of Transportation.

## Research

The Institute's research activities are focused on development and deployment of advanced technologies for structural health monitoring, advanced infrastructure materials, analysis and testing techniques, and new tools for integrating infrastructure condition and performance information into system management, investment, and policy decision processes.

It is our objective to make ITI a national focal point for the development and exchange of ideas and methods for assessing and assuring the structural and functional health of the nation's transportation infrastructure.

## Technology Transfer

The Institute partners with public and private infrastructure agencies to deploy innovative technologies in real-world situations. Deployment partners include state departments of transportation, municipal governments, railroads, and private engineering firms.

## Education

The Institute is active in transportation and infrastructure education at all levels from elementary school to Ph.D. studies and professional development.

## Management & Policy

The Institute is actively engaged in transportation policy discussion at the local, regional, and national levels. The Institute Director and sponsored faculty are frequently consulted by public and private transportation and infrastructure agencies, including the Chicago Transit Authority and the Illinois State Toll Highway Authority. The Institute also sponsors several annual symposia on transportation issues.

**McCormick**

Northwestern Engineering

NORTHWESTERN  
UNIVERSITY



Infrastructure  
Technology Institute



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