A Study of Factors that Inhibit and Enable Development of Sustainable Regional Transit Systems in Southeastern Michigan

Detroit Regional Transit Legal Structures and Governance

One of seven final reports resulting from this project.







MNTRC Report 12-22







MINETA TRANSPORTATION INSTITUTE LEAD UNIVERSITY OF MNTRC

The Norman Y. Mineta International Institute for Surface Transportation Policy Studies was established by Congress in the Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA). The Institute's Board of Trustees revised the name to Mineta Transportation Institute (MTI) in 1996. Reauthorized in 1998, MTI was selected by the U.S. Department of Transportation through a competitive process in 2002 as a national "Center of Excellence." The Institute is funded by Congress through the United States Department of Transportation's Research and Innovative Technology Administration, the California Legislature through the Department of Transportation (Caltrans), and by private grants and donations.

The Institute receives oversight from an internationally respected Board of Trustees whose members represent all major surface transportation modes. MTI's focus on policy and management resulted from a Board assessment of the industry's unmet needs and led directly to the choice of the San José State University College of Business as the Institute's home. The Board provides policy direction, assists with needs assessment, and connects the Institute and its programs with the international transportation community.

MTI's transportation policy work is centered on three primary responsibilities:

Research

MTI works to provide policy-oriented research for all levels of government and the private sector to foster the development of optimum surface transportation systems. Research areas include: transportation security; planning and policy development; interrelationships among transportation, land use, and the environment; transportation finance; and collaborative labormanagement relations. Certified Research Associates conduct the research. Certification requires an advanced degree, generally a Ph.D., a record of academic publications, and professional references. Research projects culminate in a peer-reviewed publication, available both in hardcopy and on TransWeb, the MTI website (http://transweb.sjsu.edu).

Education

The educational goal of the Institute is to provide graduate-level education to students seeking a career in the development and operation of surface transportation programs. MTI, through San José State University, offers an AACSB-accredited Master of Science in Transportation Management and a graduate Certificate in Transportation Management that serve to prepare the nation's transportation managers for the 21st century. The master's degree is the highest conferred by the California State University system. With the active assistance of the California

Department of Transportation, MTI delivers its classes over a state-of-the-art videoconference network throughout the state of California and via webcasting beyond, allowing working transportation professionals to pursue an advanced degree regardless of their location. To meet the needs of employers seeking a diverse workforce, MTI's education program promotes enrollment to under-represented groups.

Information and Technology Transfer

MTI promotes the availability of completed research to professional organizations and journals and works to integrate the research findings into the graduate education program. In addition to publishing the studies, the Institute also sponsors symposia to disseminate research results to transportation professionals and encourages Research Associates to present their findings at conferences. The World in Motion, MTI's quarterly newsletter, covers innovation in the Institute's research and education programs. MTI's extensive collection of transportation-related publications is integrated into San José State University's world-class Martin Luther King, Jr. Library.

DISCLAIMER

The contents of this report reflect the views of the authors, who are responsible for the facts and accuracy of the information presented herein. This document is disseminated under the sponsorship of the U.S. Department of Transportation, University Transportation Centers Program and the California Department of Transportation, in the interest of information exchange. This report does not necessarily reflect the official views or policies of the U.S. government, State of California, or the Mineta Transportation Institute, who assume no liability for the contents or use thereof. This report does not constitute a standard specification, design standard, or regulation.

REPORT 12-22

A Study of Factors that Inhibit and Enable Development of Sustainable Regional Transit Systems in Southeastern Michigan

DETROIT REGIONAL TRANSIT LEGAL STRUCTURES AND GOVERNANCE

One of seven final reports resulting from this project.

Lloyd A. Semple, J.D.

March 2014

A publication of

Mineta National Transit Research Consortiun

College of Business San José State University San José, CA 95192-0219

TECHNICAL REPORT DOCUMENTATION PAGE

1.	Report No. CA-MNTRC-14-1136 RC-1599	2. Government Accession No.	3. Recipient's Catalog No.
4.	Title and Subtitle Detroit Regional Transit Legal Structures and Governance		5. Report Date March 2014
			6. Performing Organization Code
7.	Authors Lloyd A. Semple, J.D.		Performing Organization Report MNTRC Report 12-22
9.	Performing Organization Name and Address Mineta National Transit Research Consortium University of Detroit Mercy		10. Work Unit No.
	College of Business San José State University San José, CA 95192-0219	4001 McNichols Rd., W Detroit, MI 48221	11. Contract or Grant No. DTRT12-G-UTC21 2010-0299
12	Sponsoring Agency Name and Address U.S. Department of Transportation	Michigan Department of Transportation	13. Type of Report and Period Covered Final Report
	Research & Innovative Technology Admin. 1200 New Jersey Avenue, SE Washington, DC 20590	Research Administration 8885 Ricks Rd. P.O. Box 30049 Lansing, MI 48909	14. Sponsoring Agency Code
15	Supplemental Notes MDOT Project Manager: Sharon Edgar		
16	Abstract		
l	Effective governance of transit evetems is	areated through a qualified representative i	nformed diverse and committed board of

Effective governance of transit systems is created through a qualified, representative, informed, diverse, and committed board of directors that is ultimately accountable for the financial performance and quality of the service in the designated region.

A summary is provided of the best governance practices used by independent transit authorities in four comparable regions: Atlanta, Cleveland, Denver and St. Louis. These practices are analyzed with respect to their applicability to the Metro Detroit region.

In 2012, Michigan Public Act 387 created the Regional Transit Authority of Southeast Michigan (RTA). Widely regarded as an effective system, the act embraces many of the elements identified as most vital to successful governance. Analysis of the best elements of successful governance in the four peer areas concludes that the governance provisions contained in the RTA legislation go a long way toward achieving an effective governance structure. However, the RTA will not, initially, own and operate the existing systems in the Southeast Michigan region. As long as the existing authorities or city departments operate transit systems in the region, they should also strive to achieve optimum governance structures.

Active and engaged citizen advisory boards are also a critical factor. In addition to meeting a precondition for certain federal grants, citizen boards also provide valuable input regarding the quality and effectiveness of services.

17. Key Words Transit; Governance; Law	18. Distribution Statement No restrictions. This document is available to the public through The National Technical Information Service, Springfield, VA 22161		
19. Security Classif. (of this report) Unclassified	20. Security Classif. (of this page) Unclassified	21. No. of Pages 26	22. Price \$15.00

Copyright © 2014 by **Mineta National Transit Research Consortium** All rights reserved

Library of Congress Catalog Card Number: 2014933456

To order this publication, please contact:

Mineta National Transit Research Consortium College of Business San José State University San José, CA 95192-0219

> Tel: (408) 924-7560 Fax: (408) 924-7565 Email: mineta-institute@sjsu.edu

transweb.sjsu.edu/mntrc/index.html

iv		

ACKNOWLEDGMENTS

This material is based upon work supported by the U.S. Department of Transportation's University Transportation Centers Program under Grant Number DTRT12-G-UTC21 and by a grant from the Michigan Department of Transportation.

During the course of this 15-month study, the authors interviewed over 60 leaders from five regions, Detroit, Atlanta, Cleveland, Denver and St. Louis. The University of Detroit Mercy (UDM) team is grateful for their time and candor in discussing the myriad of transit issues and experiences with us. These leaders include:

- Regional Transit Authority (RTA) Leaders in all five regions
- · RTA Board presidents in Detroit, St. Louis and Denver
- Other RTA Board members in Atlanta and Detroit
- Metropolitan Planning Organizations in Southeast Michigan and in Atlanta
- Transit advocacy coalitions in St. Louis and Detroit
- Transit reporters in Detroit (Crain's Business and Detroit News) and Atlanta (Atlanta Constitution)
- University leaders and transit researchers in Atlanta (Georgia Tech) and St. Louis (Washington University)
- · Mayors or mayor's offices in Detroit (mayor) and Atlanta
- State legislators in Michigan and Georgia
- Transit campaign consultants in Denver
- Developers in Detroit and Cleveland
- Union leader in St. Louis
- Transit providers in Detroit (SMART, DDOT, M-1 Rail)

The findings of this study were based to a significant degree on these interviews and the materials provided by these people and organizations.

The contents of this report reflect the views of the authors, who are responsible for the facts and the accuracy of the information presented herein. This document is disseminated under the sponsorship of the U.S. Department of Transportation's University Transportation Centers Program, in the interest of information exchange. The U.S. Government assumes no liability for the contents or use thereof.

This publication is disseminated in the interest of information exchange. The Michigan Department of Transportation (MDOT) expressly disclaims any liability, of any kind, or for any reason, that might otherwise arise out of any use of this publication or the information or data provided in the publication. MDOT further disclaims any responsibility for typographical errors or accuracy of the information provided or contained within this information. MDOT makes no warranties or representations whatsoever regarding the quality, content, completeness, suitability, adequacy, sequence, accuracy or timeliness of the information and data provided, or that the contents represent standards, specifications, or regulations.

The opinions, findings and conclusions expressed in this publication are those of the authors and not necessarily those of U.S. Department of Transportation, Michigan State Transportation Commission or the Michigan Department of Transportation. The authors also thank MTI staff, including Deputy Executive Director and Research Director Karen Philbrick, Ph.D.; Director of Communications and Technology Transfer Donna Maurillo; Research Support Manager Joseph Mercado; and Webmaster Frances Cherman. Additional editorial and publication support was provided by Editorial Associate Nancy Hannaford.

TABLE OF CONTENTS

Executive Summary	1
I. Background	3
Research Focus	3
II. Elements of Successful Regional Transit Governance	5
III. Effective Structure and Process	7
IV. Transparency	9
V. Citizens Advisory Board	11
VI. Conclusion	13
Appendix A: Notes Concerning Governing Board Structures of	
Studied Peer Regions	15
Cleveland, Ohio	15
St. Louis, Missouri	15
Atlanta, Georgia	15
Denver, Colorado	15
Abbreviations and Acronyms	17
Endnotes	19
Bibliography	21
About the Author	23
Peer Review	25

EXECUTIVE SUMMARY

Effective governance of transit systems is created through a qualified, representative, informed, diverse and committed board of directors, which is ultimately accountable for the financial performance and quality of the service of the transit system in the designated region. The recent enactment and effectiveness of Act 387, Public Acts 2012 creating the Regional Transit Authority of Southeast Michigan (RTA) included many of the most important elements of successful governance. However, the RTA will not, initially, own and operate the existing systems in the Southeast Michigan region. So long as the existing authorities or city departments operate transit systems in the region, they too should strive to achieve optimum governance structures.

In addition, active and engaged citizens advising boards are not only essential preconditions for certain federal grants, they are also essential in providing valuable input relating to the quality and efficiency of services.

This summary report provides a brief overview of the best governance practices utilized by the independent transit authorities in the four peer regions visited by the researchers.

I. BACKGROUND

RESEARCH FOCUS

This report focuses on the elements of governance needed to create a reliable, efficient and affordable regional transportation system and service in the Metro Detroit region. The overall study of *Factors that Inhibit and Enable Effective Development of Sustainable Regional Transit in Southeastern Michigan* was undertaken by 12 researchers from the University of Detroit Mercy (UDM), and was funded by the United States Department of Transportation and the Michigan Department of Transportation. The extended team of researchers visited four comparable regions, Atlanta, Cleveland, Denver and St. Louis.

The author personally visited three of the four regions with members of the team. He participated in conferences with transit leaders, listed in the acknowledgements above, in Atlanta, Cleveland, and St. Louis, and he reviewed transcripts of conferences attended by the team in Denver, the one area he was unable to visit. He collected and reviewed controlling governance documents, both from individuals and from web sites applicable to all four regions. He also researched the governing statutes in each of the four regions, and carefully reviewed records of meetings of the transit authorities. Following those visits the author participated in team conferences with representatives of Detroit Department of Transportation (DDOT), Suburban Mobility Authority for Regional Transportation (SMART), and the Regional Transit Authority (RTA) as well as the mayor of the City of Detroit. The author collected and reviewed all governing statutes and documents of DDOT, SMART, the RTA, the Detroit Transportation Corporation, and the Ann Arbor Transit Authority (AATA), as well as minutes of meetings of those authorities. Also in preparing these reports, the author relied on his general knowledge of effective governance collected in his 40 years of private law practice and 10 years as a professor at the University of Detroit Mercy School of Law, teaching courses in corporate law and corporate governance.

For many years, efforts to develop effective regional mass transit in metropolitan Detroit have been thwarted by a wide variety of factors. These have included conflicting interests of various governmental authorities, including elected or appointed individuals, legal barriers, funding issues, labor/jobs issues, perceptions of competing objectives of transit-oriented development and commuter service, public opinion regarding transit and even spending priorities, rider concerns (and perceptions) regarding safety, as well as, to a certain degree, ethnic prejudice. For decades, efforts to integrate regional bus service have failed leaving Southeast Michigan (the Metro Detroit region) with three transit agencies (SMART, DDOT and AATA), which serve three distinct areas of the region, with poor coordination among them. While SMART functions as an authority with an accountable board of directors, consisting of representatives of municipalities within its service area, DDOT functions as a department of the City of Detroit.

This study has attempted to learn from Detroit's history and from both successes and failures of other regions in order to better understand the governance factors that enable and inhibit successful regional transit. Only after such an understanding will the Metro Detroit region have the tools to move forward to build such systems. During the course of the project, the Metro Detroit region made significant progress toward appropriate

governance as a result of the enactment and effectiveness of Act 387, Public Acts of 2012, creating a Regional Transit Authority for Southeast Michigan (RTA).²

The RTA legislation includes enlightened provisions for effective transit governance by creating a qualified and representative board of 10 persons (which is appropriate for a working fiduciary board with access to appointed advisory boards of much larger size and diverse representation), with clear responsibilities and accountability for service within the region.³ This development significantly reduced the number of recommendations that the author otherwise would have made in completing this project.

II. ELEMENTS OF SUCCESSFUL REGIONAL TRANSIT GOVERNANCE

A study of the governance structures of the four regions selected (Atlanta, Cleveland, Denver and St. Louis) clearly indicates that successful regional transit systems are (a) owned and operated by statutorily created independent transit authorities and (b) depend on oversight from a fiduciary board with a trans-regional perspective and with accountability for the quality, efficiency, financial performance and success of the system. A more detailed description of the governance structure of each of the four regions visited is set forth in Appendix A. This governance structure, which takes its form from the governance structure in corporate America, is working well in the four regions. These boards, created by a statute, have some, or most, of the following characteristics:

- 1. The members of the Board have special qualifications that bring important skill sets to the dynamics of the board. Good boards have, from among its memberships, people with financial expertise, legal and accounting skills, business backgrounds, transit and transportation experience, or related qualifications. In three of the four cases (Cleveland being the exception), effective boards are composed of persons independent from the municipalities served by the region. This enhances a regional, rather than parochial, focus of the board.
- Board members are representative of the entire region covered by the transit system, accomplished to the extent practical without expanding the size of the board to an unworkable number. In some regions this is required by statutory mandate.
- 3. Educational efforts are undertaken to assure that Board members (a) maintain a working knowledge and familiarity with issues involving successful transit and (b) understand the fiduciary and oversight responsibilities of the Board.
- 4. Efforts are made to assure that the Board is diverse in terms of gender, race and ethnic background, reflective of the community served. In at least three of the regions studied, this was accomplished.
- 5. Finally, the Board must be committed. Although in all cases studied, boards are not paid for services but generally are reimbursed for expenses. This is facilitated through governance documents requiring regular meetings, participation on committees, and attendance expectations.

The following are some of the specific responsibilities of effective governing bodies in addition to their decision making and general oversight responsibilities:

1. The governing documents, or statutory authority, should make clear that the governing board has ultimate responsibility for the financial performance of the system and the integrity of the financial reporting systems. This is often accomplished through the creation of finance and audit committees of the board responsible for oversight of those specific areas.

- 2. The governing board should review, approve and monitor major issues involving the operations of the authority, including transit routes, fare structure and the quality of the service. Quality of service could be measured by performance against benchmarks created by comparison to other successful regional transit agencies, covering issues such as pullout rates, on-time arrivals, fare box revenues and miles per breakdown.
- 3. The governing board must have responsibility for the hiring and retention of key management personnel, the review of performance of key personnel and the establishing of appropriate compensation.

The above elements of board structure, composition and responsibilities are customary in successful fiduciary oversight and governance of the four peer regions studied. Most of these elements are carried over from governance elements customary in corporate America, with appropriate modifications to reflect the specific characteristics of the regional transit system governed.

III. EFFECTIVE STRUCTURE AND PROCESS

Effective boards have characteristics covering three areas: optimum membership size, clear governance documents to guide their actions, and a clear separation of duties from the day to day operation of the transit system. Each of the four peer regions reviewed for the most part, have adopted and function under these guiding characteristics.

- 1. The most effective boards observed during this study ranged in number from 10 to 18. As in the corporate world, it has been learned that boards exceeding 15 or more tend to become unwieldy and inefficient in the decision making process. Larger boards, however, can govern effectively through significant use of a committee structure which assumes the responsibility in specific areas such as finance, audit, compensation and risk management. As transit governing boards have the benefit of these larger advisory boards, they have the luxury of being smaller, if such can practically be accomplished.
- 2. The governance documents should call for regular meetings of the board, not less than quarterly, with committee meetings at the time of or in between board meetings. Notices of the meetings should be served in accordance with governing bylaws adopted by the board. Agendas with supporting documents should be circulated to the board members well in advance of meetings so that each will have time to prepare and be informed of all items at the time of the meeting.
- 3. While the board should review and approve a detailed organization chart of the organization, it should refrain from active involvement in the day to day operation of the transit system. Day-to-day management responsibility, as opposed to the oversight and accountability responsibilities set forth above, should be left to professional managers hired by the system.⁴

To be effective, governing boards must be efficient, cohesive and committed. They must operate consistently with the detailed governance documents and must understand and abide by delineated lines that separate governance from management responsibilities.

Effective Structure and Process

8

IV. TRANSPARENCY

Because the governing Boards of the Authorities are public bodies, all of the activities of the Board should be totally transparent. Schedules of meetings, agendas, and minutes of prior meetings should be posted on accessible web sites. Governing documents, such as the authorizing legislation, bylaws and financial reports, should also be posted there. Meetings should be held in locations convenient to the public, which should be welcome at all such meetings, other than those held in non-public sessions as appropriate or permitted by applicable legislation. Appropriate matters for private sessions include discussions of threatened or pending litigation, employment and personnel matters.

V. CITIZENS ADVISORY BOARD

The tension between (a) creating an efficient Board limited in size and (b) the necessity of having representation from the region served by the transit system, can be alleviated by creating diverse non-fiduciary advisory boards comprised substantially of users of the transit system. These boards, appointed by the fiduciary governing board to assure balanced representation from the entire region, are designed to provide citizen comments on the performance of the system, on a systematic basis. In the RTA Act, the creation of a citizens advisory committee, and a smaller and more limited in scope advisory council, are mandated by statute and intended to provide: (a) a vehicle for compliance with federal requirements for advisory activities relating to access and utilization of transit systems by the elderly and disabled, and (b) a sounding board and recommendation body for better service in the community. These and similar boards in other regions are limited in authority to making recommendations. They are also useful in increasing the profile of the transit system as it strives to accomplish ridership goals and obtain financial support.

VI. CONCLUSION

Analysis of the best elements of successful governance in the four areas observed concludes that the governance provisions contained in the RTA enabling-legislation go a long way to achieving an effective governance structure. The Act, which includes provisions for qualifications, regional representation, appropriate size and clear delineation of responsibilities, achieves its purpose. While the RTA does not, at this time, actually operate any systems, it should provide a model for the systems operating under its jurisdiction.

Detroit Department of Transportation (DDOT) would benefit greatly from oversight from a diverse and qualified fiduciary board representative of the Detroit community with special skill sets to contribute to the governance process. This can be accomplished, of course, if DDOT is "spun off" to an independent authority, or to the Detroit Transportation Corporation (DTC), which owns and operates the Detroit People Mover. DDOT should then amend its articles of incorporation to diversify its board, which now is composed of five City of Detroit employees and one Suburban Mobility Authority for Regional Transportation (SMART) designee. The goal would be for the combined DDOT and DTC to provide business, financial and leadership skills and backgrounds, either indirectly or through a board of directors comprised of unaffiliated persons.

With regard to the other transit authorities under the umbrella of the RTA in the region, including specifically SMART, it is not recommended that their structure be revised or their board representation materially modified. It is recommended that those agencies should strive to achieve representation on their own boards with independent persons with the qualifications and skills as outlined in the RTA enabling-legislation.

APPENDIX A: NOTES CONCERNING GOVERNING BOARD STRUCTURES OF STUDIED PEER REGIONS

CLEVELAND, OHIO

Cleveland has a 10-person Board, four of whom are appointed by the Mayor of Cleveland (with approval of the Cleveland City Council) and must be Cleveland residents; three members are elected by a complex procedure at a meeting of the Mayors and City Managers of all municipal corporations other than Cleveland and within Cuyahoga County (with votes weighted in proportion to population); and three members are appointed by the Cuyahoga Executive and approved by the Cuyahoga Council. At least one of those three appointees must be a resident of the city of Cleveland. Terms are "staggered" three year terms, such that each year the terms of three or four members of the Board will expire. The statute does not set forth any specific criteria in terms of expertise or experience as a qualification for Board membership. Board members may be removed only for misfeasance, nonfeasance or malfeasance in office.

ST. LOUIS, MISSOURI

St. Louis has 10 commissioners. The five Missouri Board members are appointed by the Governor of the State of Missouri. In Illinois two are appointed by the Governor of the State of Illinois, two are appointed by the Madison County Board Chairman and one is appointed by the St. Clair County Board Chairman. Terms are staggered such that each year one member of the Commission in both Illinois and Missouri are subject to replacement or reappointment. No provision for removal of a commissioner was found in either the statute or the Collected Board Policies.

ATLANTA, GEORGIA

The Metropolitan Atlanta Rapid Transit Authority (MARTA) Board of Trustees is composed of 11 voting members and one non-voting member, ten of whom represent the city of Atlanta, Fulton County and DeKalb County and two members are "ex-officio," representing the Georgia Regional Transportation Authority (GRTA) and the Georgia Department of Transportation (GDOT). All positions are appointed directly by the organizations they represent (Atlanta – three members; Fulton County – three members; and DeKalb County – four members). The executive director of GRTA is the sole non-voting member. Board members can be removed only for "cause."

DENVER, COLORADO

Denver has a 15-member publicly elected Board of Directors. The Directors are elected to four year terms and each represents a specific district as provided in the enabling legislation. Terms are staggered so that eight seats are open in one general election (held every two years) and seven in the next. Denver Directors may only be removed by voter recall.

16	Appendix A: Notes Concerning Governing Board Structures

ABBREVIATIONS AND ACRONYMS

AATA	Ann Arbor Transportation Authority
DDOT	Detroit Department of Transportation
GDOT	Georgia Department of Transportation
GRTA	Georgia Regional Transportation Authority
M-1 Rail	Streetcar line along Woodward Avenue in Detroit Michigan
MARTA	Metropolitan Atlanta Rapid Transit Authority
MDOT	Michigan Department of Transportation
RTA	Regional Transit Authority
SEMCOG	Southeast Michigan Council of Governments
SMART	Suburban Mobility Authority for Regional Transportation
UDM	University of Detroit, Michigan
US DOT	U.S. Department of Transportation

18

ENDNOTES

- 1. State of Michigan, *Regional Transit Authority Act; Act 387 of 2012* (December 19, 2012), State of Michigan Legislature (web site), http://www.legislature.mi.gov/documents/2011-2012/publicact/htm/2012-PA-0387.htm (accessed December 24, 2013).
- 2. State of Michigan, Act 387.
- 3. John F. Olson and Michael T. Adams, "Composing a Balanced and Effective Board to Meet New Governance Mandates," *The Business Lawyer* 59 (2004): 421.
- 4. The conclusions reached in this and the prior section were aided in part through conversations with Forest Graham, Attorney for MARTA, Joseph A. Calabrese, Cleveland RTA CEO and general manager, and Larry Salci, a transit consultant with prior executive experience in St. Louis and Michigan.

BIBLIOGRAPHY

- Booz/Allen/Hamilton. *Regional Organizational Models for Public Transportation*. TCRP Project J-11/ Task 10 Final Report. January 2011.
- Calabrese, Joseph A., CEO and General Manager, Cleveland Regional Transit Authority. In interview by the authors. August 22, 2012.
- Georgia State Senate. "Senate Committees." No date. http://www.senate.ga.gov/committees/en-US/Home.aspx (accessed January 30, 2014).
- Graham, Forrest, Attorney for Metropolitan Atlanta Rapid Transit Authority. In interview by the authors. October 22, 2012.
- Greater Cleveland Rail Transit Authority. Governance documents. Received via email from Marilyn Lebon, Secretary to the CEO, Greater Cleveland Rail Transit Authority.
- Greater Cleveland Regional Transit Authority (GCRTA). Web site. No date. http://www.riderta.com (accessed January 3, 2013).
- Metro St. Louis (Bi-State Development Agency). Web site. No date. http://www.metrostlouis.org (accessed January 7, 2014).
- Metropolitan Atlanta Rapid Transit Authority (MARTA). *Bylaws of the Metropolitan Atlanta Rapid Transit Authority*. Adopted April 28, 1975; as amended through August 3, 2009. Transmitted to the author by Forrest Graham. December 6, 2012.
- Metropolitan Atlanta Rapid Transit Authority (MARTA). Web site. No date. http://www.itsmarta.com (accessed December 21, 2013).
- Olson, John F. and Michael T. Adams. "Composing a Balanced and Effective Board to Meet New Governance Mandates." *The Business Lawyer* 59 (2004): 421-52.
- Regional Transportation District (RTD) Denver. *Bylaws of the Regional Transportation District*. Adopted January 15, 1970; as amended through 2010. http://www3.rtd-denver.com/content/BoardOffice/boardPolicyUpload/Signed%20Bylaws%2010-21-2010.pdf (accessed December 2012).
- Regional Transportation District (RTD) Denver. Web site. No date. http://www.rtd-denver. com (accessed December 23, 2013).
- Salci, Larry. Principle at Salci Consult. In interview by authors. July 24, 2012.
- State of Michigan. *Regional Transit Authority Act; Act 387 of 2012*. December 19, 2012. State of Michigan Legislature (web site). http://www.legislature.mi.gov/documents/2011-2012/publicact/htm/2012-PA-0387.htm (accessed December 24, 2013).

ABOUT THE AUTHOR

LLOYD A. SEMPLE, J.D.

Lloyd A. Semple is a professor at the University of Detroit Mercy School of Law. Professor Semple served as Dean of the School of Law from 2009 to 2013. Before joining the School of Law in 2004 he practiced corporate and business law with Dykema Gossett, a 400-lawyer Detroit based national law firm. While at Dykema he served as its Chairman and CEO (from 1995 to 2002) and was a member of boards of directors of several business entities and charitable organizations. One of those organizations was Metropolitan Affairs Coalition, an affiliate of SEMCOG which, among other things, produced an in-depth study of the feasibility of bus rapid transit in Southeast Michigan.

PEER REVIEW

San José State University, of the California State University system, and the MTI Board of Trustees have agreed upon a peer review process required for all research published by MNTRC. The purpose of the review process is to ensure that the results presented are based upon a professionally acceptable research protocol.

Research projects begin with the approval of a scope of work by the sponsoring entities, with in-process reviews by the MTI Research Director and the Research Associated Policy Oversight Committee (RAPOC). Review of the draft research product is conducted by the Research Committee of the Board of Trustees and may include invited critiques from other professionals in the subject field. The review is based on the professional propriety of the research methodology.

Hon. Norman Y. Mineta

MTI/MNTRC BOARD OF TRUSTEES

Founder, Honorable Norman Mineta (Ex-Officio)

Secretary (ret.), US Department of Transportation Vice Chair Hill & Knowlton, Inc.

Honorary Chair, Honorable Bill Shuster (Ex-Officio)

Chair House Transportation and Infrastructure Committee United States House of Representatives

Honorary Co-Chair, Honorable Nick Rahall (Ex-Officio)

Vice Chair House Transportation and Infrastructure Committee United States House of Representatives

Chair, Steve Heminger (TE 2015)

Executive Director Metropolitan Transportation Commission

Vice Chair, Stephanie Pinson (TE 2015)

President/COO Gilbert Tweed Associates, Inc.

Executive Director, Rod Diridon* (Ex-Officio)

Mineta Transportation Institute San José State University Thomas Barron (TE 2015)

Executive Vice President Strategic Initiatives Parsons Group

Joseph Boardman (Ex-Officio)

Chief Executive Officer Amtrak

Donald Camph (TE 2016)

President Aldaron, Inc.

Anne Canby (TE 2014)

Director

OneRail Coalition

Grace Crunican (TE 2016)

General Manager Bay Area Rapid Transit District

Julie Cunningham (TE 2015)

President/CEO Conference of Minority Transportation Officials

William Dorey (TE 2014)

Board of Directors Granite Construction, Inc.

Malcolm Dougherty (Ex-Officio)

Director California Department of Transportation

Mortimer Downey* (TE 2015)

Senior Advisor Parsons Brinckerhoff Nuria Fernandez (TE 2014)

General Manager/CEO Valley Transportation Authority

Rose Guilbault (TE 2014)

Vice President (ret.) American Automobile Association

Ed Hamberger (Ex-Officio)

President/CEO

Association of American Railroads

Diane Woodend Jones (TE 2016)

Principal and Chair of Board Lea+Elliot, Inc.

Will Kempton (TE 2016)

Executive Director Transportation California

Jean-Pierre Loubinoux (Ex-Officio)

Director General International Union of Railways (UIC)

Michael Melaniphy (Ex-Officio)

President & CEO American Public Transportation Association (APTA)

Jeff Morales (TE 2016)

CEO

California High-Speed Rail Authority

Beverley Swaim-Staley (TE 2016)

President

Union Station Redevelopment Corporation

Dr. David Steele (Ex-Officio)

Dean, College of Business San José State University

Michael Townes* (TE 2014)

Senior Vice President National Transit Services Leader CDM Smith

Bud Wright (Ex-Officio)

Executive Director American Association of State Highway and Transportation Officials (AASHTO)

Edward Wytkind (Ex-Officio)

President

Transportation Trades Dept., AFL-CIO

(TE) = Term Expiration or Ex-Officio * = Past Chair, Board of Trustee

Directors

Hon. Rod Diridon, Sr.

Executive Director

Karen Philbrick, Ph.D.

Deputy Executive Director and Research Director

Peter Haas, Ph.D.

Education Director

Donna Maurillo

Communications Director

Brian Michael Jenkins

National Transportation Safety and Security Center

Asha Weinstein Agrawal, Ph.D.

National Transportation Finance Center





Funded by U.S. Department of Transportation