

MANAGED LANES RESOURCE MATERIALS

- TxDOT Research Project No. 0-4160: *Operating Freeways with Managed Lanes, 2000 – 2005* <http://managed-lanes.tamu.edu>

Sample of Published Project Deliverables and Products

Type of Product	Title/Description/Event
Reports	FHWA/TX-02/4160-4: <i>Managed Lanes – Traffic Modeling</i> FHWA/TX-02/4160-7: <i>Marketing the Managed Lanes Concept</i> FHWA/TX-03/4160-8: <i>State and Federal Issues for Managed Lanes</i> FHWA/TX-03/4160-9: <i>The Funding and Financing of Managed Lanes Projects</i> FHWA/TX-03/4160-10: <i>Managed Lane Ramp and Roadway Design Issues</i> FHWA/TX-03/4160-11: <i>Enforcement Issues on Managed Lanes</i> FHWA/TX-04/4160-13: <i>Identification of Traveler Information and Decision-Making Needs for Managed Lane Users</i> FHWA/TX-04/4160-16: <i>Traffic Control Devices for Managed Lanes</i> FHWA/TX-05/0-4160-17: <i>Incident Management for Managed Lanes</i> FHWA/TX-05/0-4160-18: <i>Interoperability Issues on Managed Lanes Facilities</i> FHWA/TX-06/0-4160-20: <i>Staffing and Training Needs for Managed Lanes Facilities</i> FHWA/TX-05/0-4160-21: <i>Decision Framework for Selection of Managed Lanes Strategies</i> FHWA/TX-05/0-4160-22: <i>Operating Freeways with Managed Lanes: Strategies for Interim Use</i> FHWA/TX-06/0-4160-23: <i>Evaluation and Monitoring Needs for Managed Lanes</i> FHWA/TX-06/0-4160-24: <i>Managed Lanes Handbook</i>
Products	4160-5-P1: <i>Managed Lanes: More Efficient Use of the Freeway System</i> 4160-6-P2: <i>Managed Lanes: A New Concept for Freeway Travel</i> FHWA/TX-02/4160-P3: <i>Sample State and Federal Legislation</i>
Bulletins	4160-4B: <i>Managed Lanes – Traffic Modeling</i> 4160-7B: <i>Marketing the Managed Lanes Concept</i> 4160-8B: <i>State and Federal Issues for Managed Lanes</i> 4160-9B: <i>The Funding and Financing of Managed Lanes Projects</i> 4160-10B: <i>Managed Lane Ramp and Roadway Design Issues</i> 4160-11B: <i>Enforcement Issues on Managed Lanes</i> 4160-13B: <i>Identification of Traveler Information and Decision-Making Needs for Managed Lane Users</i> 4160-16B: <i>Traffic Control Devices for Managed Lanes</i> 4160-17B: <i>Incident Management for Managed Lanes</i> 4160-18B: <i>Interoperability Issues on Managed Lane Facilities</i> 4160-20B: <i>Staffing and Training</i> 4160-21B: <i>Decision Framework for Selection of Managed Lanes Strategies</i> 4160-22B: <i>Strategies for Interim Use</i> 4160-23B: <i>Evaluation and Monitoring</i>
Technical Memoranda	Definition of Managed Lanes – Draft (TTI TM 4160-1) Definition of Managed Lanes – Final (TTI TM 4160-2) Current State of the Practice (TTI TM 4160-4F) Glossary of Terms for Managed Lanes (TTI TM 4160-5F) Single-Lane Issues on Managed Lanes Facilities (TTI TM 4160-21W)
Articles	“Managed Lanes – The Future of Freeway Travel” <i>Texas Transportation Researcher</i> , Vol. 37, No. 2 “Managed Lanes” <i>Transportation Management + Engineering</i> , December 2001/January 2002 “Managed Lanes Offer Choices, Flexibility” <i>Texas Transportation Researcher</i> , Vol. 38, No. 2 “The Future of Freeways: Research Identifies Strategies for Developing Managed Lanes” <i>Texas Transportation Researcher</i> , Vol. 39, No. 2

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	“Managed Lanes: The Future of Freeway Travel” <i>ITE Journal</i> , February 2005, pp. 22-26 “Managed Lanes Research in Texas” <i>ITE Journal</i> , February 2005, pp. 27-31
Presentations*	FY 2001 – 3 (Texas) FY 2002 – 9 (Texas, Florida, Georgia, Washington, DC) FY 2003 – 17 (Texas, Minnesota, Washington, Washington, DC) FY 2004 – 13 (Texas, Florida) FY 2005 – 16 (Texas, Canada, Nevada, Washington, DC)

- **AASHTO Guide for HOV Facilities**

https://bookstore.transportation.org/item_details.aspx?ID=114

The HOV guide suggests methods and designs for dedicated facilities to encourage greater use of existing transportation systems, such as increased use of public transit (primarily buses), carpools, vanpools, or other ridesharing modes to help attain the above goals. Guidance is given for planning and design of preferential treatment for high-occupancy vehicles (HOVs).

- **FHWA Managed Lanes Initiative**

http://ops.fhwa.dot.gov/freewaymgmt/managed_lanes/index.htm

- Managed Lanes: A Cross-Cutting Study ([HTML](#), [PDF](#) 1.5MB)
November 2004
(Publications Number: FHWA-HOP-05-037)
- Managed Lanes: A Primer ([HTML](#), [PDF](#) 2.2MB)
(Publication Number: FHWA-HOP-05-031)

- **FHWA Guide for HOT Lane Development**

<http://www.hovworld.com/PDFs/HOTLaneDevelopmentGuide.pdf>

This document is the first comprehensive source of information on HOT lane projects, offering a wide range of information to assist transportation professionals contemplating specific projects.

- **FHWA HOV Pooled Fund Study Initiative**

<http://hovpfs.ops.fhwa.dot.gov/overview/Study.cfm>

Several handbooks are under development, including guidance documents for HOV Safety, HOV Enforcement, Eligibility and Hours of Operation, and Performance Monitoring. All of these documents cover the implications associated with HOT lane projects.

- **Value Pricing Pilot Program website** www.valuepricing.org

This web site serves as a guide to the basics of value pricing and as a source for up-to-date information on resources and current value pricing projects. The site is sponsored by The State and Local Policy Program of the Federal Highway Administration and the Hubert Humphrey Institute of Public Affairs at the University of Minnesota.

- **TRB HOV Systems Committee** www.hovworld.com

This web site provides information and events related to HOV and managed lanes.

- **TRB Managed Lanes Joint Subcommittee** <http://managed-lanes.tamu.edu/>

This web site includes information about the subcommittee, and will include an inventory of managed lane projects (January 2006).