

## Guidelines & Analysis of General HOV Facilities (1/6/01)

Library Code	Title	Author		Date	
1 3 1724	An Analysis of the Effectiveness of High Occupancy Lanes	Joy	Dahlgren	December	1994
1 3 1303	An Assessment of High-Occupancy Vehicle Facilities in North America: Executive Report	Katherine F.	Turnbull	August	1992
	Caltrans HOV Guidelines			July	1991
1 3 1656	Commuter Welfare Approach to High Occupancy Vehicle Lane Evaluation: An Exploratory Analysis	Fred	Mannering	February	1990
1 3 1637	Current Practices in Evaluating Freeway High-Occupancy Vehicle Facilities	Katherine F.	Turnbull	January	1991
1 1 1817	Demand Estimation, Benefit Assessment, and Evaluation of On-Freeway High Occupancy Vehicle Lanes	Dimitris A.	Scapinakis	August	1990
1 3 1013	Design of Bus and Carpool Facilities: A Technical Investigation	Leonard	Newman	November	1987
1 3 1101	Effectiveness of High-Occupancy Vehicle Facilities, The				1988
1 3 1632	The effectiveness of HOV facilities			August	1986
	Evaluation of HOV Lanes in Texas, 1997	Bill	Stockton	November	1999
1 3 1634	Guidelines for Estimating the Effectiveness of High-Occupancy Vehicle Lanes	Timothy J.	Lomax	November	1985
	High-Occupancy Vehicle Facilities: A Planning, Design, and Operational Manual	Charles	Fuhs	December	1990
	NCHRP Report 414: HOV Systems Manual	TRB			1998
1 3 1113	Operational and Safety Experience with Freeway HOV Facilities in California	Leonard	Newman	May	1988
1 3 1735	Rethinking HOV: High Occupancy Vehicle Facilities and the Public Interest	Christopher	Leman	August	1994
1 4 1816	Second National Conference on High Occupancy Vehicle Lanes and Transitways	Ann	Lancaster	October	1987
1 4 1291	Suggested Procedures for Evaluating the Effectiveness of Freeway HOV Facilities	Katherine F.	Turnbull	February	1991



Evaluation of Specific HOV Facilities

Library Code	Title	Author		Date	
1 3 1004	Interstate 95 High Occupancy Vehicle Study	Bartholoinew	Leisch	February	1983
1 3 1099	San Bernardino Freeway Corridor Study, Rosemead Boulevard to Via Verde			June	1980
1 3 1102	Bus / Carpool Lanes Route 101 Marin County			March	1977
1 3 1103	San Bernardino Freeway Express Busway Evaluation of Mixed-Mode Operations			July	1978
1 3 1123	San Bernardino Freeway Express Busway Evaluation of Mixed-Mode Operations	John	Crain	August	1977
1 3 1162	Status and Effectiveness of the Houston Transitway System, 1988, The	Dennis L.	Christiansen	July	1989
1 3 1178	Second Year Report: San Bernardino Freeway Express Busway Evaluation	John	Crain	September	1975
1 3 1193	Route 91 HOV Report			November	1990
1 3 1248	What's Happened to Carpooling: 1980 - 1990 Trends in North Carolina	David	Hartgen	July	1992
1 3 1254	Evaluation of HOV Lanes in Phoenix, Arizona	Mark	Poppe	January	1994
1 3 1466	Route 101 Before/After Commuter Lane Traffic Study: Guadalupe Parkway to Embarcadero Road			September	1990
1 3 1491	I-394 Case Study Phase II Report			June	1990
1 3 1503	Evaluation of Seattle's South I-5 Interim HOV Lanes	Gary	Farnsworth	January	1993
1 3 1599	Phase Three: Evaluation of the I-394 Transportation System	Allan E.	Pint	September	1993
1 3 1622	Status and Effectiveness of the Houston Transitway System, 1989, The	Dennis L.	Christiansen	March	1990
1 3 1628	The Katy Freeway Transitway: Evaluation of the Second Year of Operation	John M.	Mounce	March	1988
1 3 1716	An Evaluation of High-Occupancy Vehicle Lanes in Texas, 1993	Russell	Henk	October	1994
1 3 1745	Quantifying the Benefits of High Occupancy Vehicle Facilities Using Automatic Vehicle Identification Technology	Shawn	Turner	November	1995
1 3 1748	Evaluation of High Occupancy Vehicle Lanes on Long Island Expressway	Wayne	Ugolik		
4 3 1203	Route 91 Demonstration Project Evaluation Overview			October	1984
4 3 1205	San Bernardino Freeway Busway Evaluation of Mixed-Mode Operation	Charly	Kotek	January	1977

Evaluation of HOV Facilities from the TRB website

<http://www.dcddata.com/trb/trb.htm>

ID	Title	Author	
618820	DESIGN FEATURES OF HIGH-OCCUPANCY VEHICLE LANES	JW	Hanks
633369	SIXTH NATIONAL CONFERENCE ON HIGH-OCCUPANCY VEHICLE SYSTEMS, OCTOBER 25- 28, 1992, OTTAWA, ONTARIO, CANADA: PROVINCIAL HOV PLANNING AND POLICIES	T	AppaRao
637726	EVALUATION OF THE SEATTLE I-5 NORTH HIGH-OCCUPANCY VEHICLE LANE 2+ OCCUPANCY REQUIREMENT DEMONSTRATION	KF	Turnbull
637730	EVALUATION OF SEATTLE'S SOUTH I-5 INTERIM HIGH-OCCUPANCY VEHICLE LANES	G	Farnsworth
672518	EVALUATION OF HIGH-OCCUPANCY-VEHICLE LANES IN PHOENIX, ARIZONA	MJ	Poppe
681948	HOV SYSTEM OPERATIONS AND PLANS FOR THE BAY AREA - PART 1 - PLENARY SESSIONS	HD	Seriani
681949	SAN DIEGO'S HOV OPERATIONS AND PLANS - PART 1 - PLENARY SESSIONS.	C	West
681951	HOV PLANNING AND POLICY DEVELOPMENT IN ONTARIO - PART 1 - PLENARY SESSIONS	TJ	AppaRao
681952	AN EVALUATION OF HOUSTON'S HOV FACILITIES - PART 1 - PLENARY SESSIONS.	DL	Christiansen
714899	EVALUATION OF MINNESOTA I-394 HIGH-OCCUPANCY-VEHICLE TRANSPORTATION SYSTEM	AE	Pint
732361	SIMULATION-BASED METHODOLOGY FOR EVALUATION OF HIGH-OCCUPANCY-VEHICLE FACILITIES	DE	Sheppard
732363	EVALUATION OF HIGH-OCCUPANCY-VEHICLE LANES ON LONG ISLAND EXPRESSWAY	W	Ugolik
732364	EFFECT ON CONGESTION AND MOTORCYCLE SAFETY OF MOTORCYCLE TRAVEL ON HIGH- OCCUPANCY-VEHICLE FACILITIES IN VIRGINIA	JD	Jernigan
743682	IMPLEMENTATION ELEMENTS FOR CONVERSION OF GENERAL-PURPOSE FREEWAY LANE INTO HIGH-OCCUPANCY-VEHICLE LANE	ME	Best
743683	SIGNING AND PAVEMENT MARKING FOR CONCURRENT-FLOW HIGH-OCCUPANCY-VEHICLE LANES: SUMMARY OF CURRENT PRACTICE	MJ	Fendrick
755176	DEVELOPMENT OF AN HOV SYSTEMS MANUAL	KF	Turnbull
755177	HOV SYSTEMS MANUAL	TRB	TTI
769409	EFFECTIVENESS OF THE KATY FREEWAY HOV-LANE PRICING PROJECT: PRELIMINARY ASSESSMENT	M	Hickman
780198	HIGH-OCCUPANCY VEHICLE MONITORING AND EVALUATION FRAMEWORK	D	Bracewell
800077	COST-EFFECTIVENESS OF HIGH-OCCUPANCY VEHICLE LANES IN TEXAS	G	Daniels
800079	SUCCESS FACTORS AND DECISION ISSUES FOR HIGH-OCCUPANCY VEHICLE FACILITIES	EJ	Czepiel
800080	ARE HIGH-OCCUPANCY VEHICLE LANES EFFECTIVE? OVERVIEW OF HIGH-OCCUPANCY VEHICLE FACILITIES ACROSS NORTH AMERICA	K	Leotta

Evaluation of HOV Facilities from the TRB website

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182976	BANFIELD HIGH OCCUPANCY VEHICLE LANES		03/00/1978
364825	EVALUATION OF FREEWAY HIGH OCCUPANCY VEHICLE LANES AND RAMP METERING		08/00/1980
364826	EVALUATION OF FREEWAY HIGH OCCUPANCY VEHICLE LANES AND RAMP METERING: EXECUTIVE SUMMARY	S Andrle	08/00/1980
364827		S Andrle	08/00/1980
364828	EVALUATION OF FREEWAY HIGH OCCUPANCY VEHICLE LANES AND RAMP METERING: VOLUME II. BIBLIOGRAPHY AND ABSTRACTS	S Andrle	00/00/2000
423151	NETWORK PERFORMANCE EVALUATION MODEL FOR HOV FACILITIES	BN Janson	07/00/1987
436921	PROCEDURES AND ISSUES IN ANALYSIS OF HOV LANES PROJECTS	SR Jepsen	00/00/1988
443465	THE EFFECTIVENESS OF HIGH-OCCUPANCY VEHICLE FACILITIES	DL Christiansen	00/00/1988
457460	HIGH OCCUPANCY VEHICLE LANES: SOME EVIDENCE ON THEIR RECENT PERFORMANCE	F Southworth	09/00/1985
457533	GUIDELINES FOR ESTIMATING THE COST EFFECTIVENESS OF HIGH-OCCUPANCY VEHICLE LANES. INTERIM	TJ Lomax	11/00/1985
457590	STUDY OF CURRENT AND PLANNED HIGH OCCUPANCY VEHICLE LANE USE: PERFORMANCE AND USE	F Southworth	12/00/1985
474392	HIGH-OCCUPANCY-VEHICLE LANES: SOME EVIDENCE ON THEIR RECENT PERFORMANCE	F Southworth	00/00/1986
479410	EVALUATION OF THE COST EFFECTIVENESS OF HOV (HIGH OCCUPANCY VEHICLE) LANES, 1988. TECHNICAL REPORT	C Ulberg	7/20/88
484165	AN INVESTIGATION OF HIGH-OCCUPANCY VEHICLE LANE COST EFFECTIVENESS FROM UNIVERSITY MICROFILMS. THESIS	TJ Lomax	00/00/1987
491220	EVALUATION OF DEMAND-MANAGEMENT STRATEGIES FOR TOLEDO'S YEAR 2010 TRANSPORTATION PLAN	deCorla-Souza	00/00/1989
550551	DEMAND ESTIMATION, BENEFIT ASSESSMENT, AND EVALUATION OF ON-FREEWAY HIGH OCCUPANCY VEHICLE LANES: LEVEL I, QUALITATIVE EVALUATION	AD May	06/00/1989
563310	THE EFFECTIVENESS OF THE KATY FREEWAY (I-10) TRANSITWAY, HOUSTON, TEXAS	DL Christiansen	00/00/1990
605586	STATUS AND EFFECTIVENESS OF THE HOUSTON HIGH-OCCUPANCY-VEHICLE LANE SYSTEM, 1988	DL Christiansen	00/00/1990
611097	DEMAND ESTIMATION, BENEFIT ASSESSMENT, AND EVALUATION OF ON-FREEWAY HIGH OCCUPANCY VEHICLE LANES. FINAL RESEARCH REPORT	M Bouaouina	06/00/1991
618051		DL Christiansen	06/00/1991
618820	DESIGN FEATURES OF HIGH-OCCUPANCY VEHICLE LANES. FIFTH NATIONAL HIGH-OCCUPANCY VEHICLE (HOV) FACILITIES CONFERENCE, HOV FACILITIES--COMING OF AGE, CONFERENCE PROCEEDINGS, APRIL 28 - MAY 1, 1991, SEATTLE, WASHINGTON	JW Hanks	12/00/1991
623017	DESIGN FEATURES OF HIGH-OCCUPANCY VEHICLE LANES		00/00/1992
628797	HOV LANE ENFORCEMENT EVALUATION. FINAL REPORT	EL Jacobson	01/00/1993
628887	HIGH-OCCUPANCY VEHICLE FACILITIES: A PLANNING, DESIGN, AND OPERATION MANUAL	CA Fuhs	12/00/1990

ID	Title	Author	Date
629069	AN EVALUATION OF THE HOUSTON HIGH-OCCUPANCY VEHICLE LANE SYSTEM. INTERIM REPORT (AUGUST 1992)	DL Christiansen	08/00/1992
629360	MORE OR LESS WITH HOV: THE BENEFITS OF HIGH-OCCUPANCY VEHICLE PROJECTS		00/00/1993
633454	AN ASSESSMENT OF HIGH-OCCUPANCY VEHICLE FACILITIES IN NORTH AMERICA: EXECUTIVE REPORT	KF Turnbull	08/00/1992
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637730	EVALUATION OF SEATTLE'S SOUTH I-5 INTERIM HIGH-OCCUPANCY VEHICLE LANES	G Farnsworth	00/00/1993
637767	HOV IMPROVEMENTS ON SIGNALIZED ARTERIALS IN THE SEATTLE AREA. FINAL REPORT. VOLUME III: N.E. 85TH HOV STUDY	NL Nihan	02/00/1993
637768	HOV IMPROVEMENTS ON SIGNALIZED ARTERIALS IN THE SEATTLE AREA. FINAL REPORT. VOLUME IV: SIMULATION PLANNING AND EVALUATION	HC Chen	02/00/1993
638828	OPERATIONAL DESIGN GUIDELINES FOR HOV LANES ON ONTARIO PROVINCIAL FREEWAYS		05/00/1993
643424	THE EFFECT OF HOV LANES IN REDUCING EMISSIONS	JA Bieberitz	09/00/1993
646068	I-394 PHASE III EVALUATION. INTERIM REPORT		11/00/1993
647438	HOV MONITORING AND EVALUATION TOOL. FINAL TECHNICAL REPORT	M Benuska	02/00/1994
662901	AN EVALUATION OF HIGH-OCCUPANCY VEHICLE LANES IN TEXAS. FINAL REPORT	DL Christiansen	08/00/1993
667286	ASSESSMENT OF HIGH-OCCUPANCY VEHICLE FACILITIES IN NORTH AMERICA: EXECUTIVE REPORT	KF Turnbull	08/00/1992
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675378	HIGH OCCUPANCY VEHICLE (HOV) LANE MARKETING MANUAL. FINAL REPORT	JW Billheimer	09/00/1994
675403	AN EVALUATION OF I-66 AND THE IMPROVEMENTS TO I-395 BETWEEN THE CAPITAL BELTWAY AND THE DISTRICT OF COLUMBIA - PHASE I REPORT. FINAL REPORT	ED Arnold	11/00/1985
680692	HOV EVALUATION AND MONITORING. FINAL TECHNICAL REPORT	M Benuska	12/00/1994
680867		DL Christiansen	10/00/1994
681890	I-90 LANE CONVERSION EVALUATION. FINAL TECHNICAL REPORT	SG Kim	02/00/1995
681952	7TH NATIONAL CONFERENCE ON HIGH-OCCUPANCY VEHICLE SYSTEMS - PART 1 - PLENARY SESSIONS. AN EVALUATION OF HOUSTON'S HOV FACILITIES	DL Christiansen	07/00/1995
711365	OPERATIONAL DESIGN GUIDELINES FOR HOV LANES ON ARTERIAL ROADWAYS INCLUDING PLANNING STRATEGIES AND SUPPORTING MEASURES		11/00/1994
711564	EVALUATION OF HOV AND SHOULDER TRAVEL LANE STRATEGY FOR I-95	CS Chen	09/00/1995
711753	THE EFFECT OF MOTORCYCLE TRAVEL ON THE SAFETY AND OPERATIONS OF HOV FACILITIES IN VIRGINIA. FINAL REPORT	JD Jernigan	06/00/1995
714899	EVALUATION OF MINNESOTA I-394 HIGH-OCCUPANCY-VEHICLE TRANSPORTATION SYSTEM	JJ Kern	00/00/1995
715490	THE EFFECTS OF NEW HIGH-OCCUPANCY VEHICLE LANES ON TRAVEL AND EMISSIONS	R Ceerla	1/00/1996
720289	THE DALLAS FREEWAY/HOV SYSTEM PLANNING STUDY: YEAR 2015. INTERIM REPORT	RH Henk	06/00/1995
720290	THE DALLAS FREEWAY/HOV SYSTEM: YEAR 2015. A SUMMARY OF RECOMMENDED HOV IMPROVEMENTS. INTERIM REPORT	RH Henk	07/00/1995
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726743	DALLAS FREEWAY/HOV SYSTEM PLANNING STUDY: YEAR 2015. A SUMMARY OF RECOMMENDED HOV IMPROVEMENTS	CH Walters	07/00/1995
727218	HOV EVALUATION AND MONITORING - PHASE II	M Benuska	08/00/1995
727219	HOV EVALUATION AND MONITORING - PHASE III	WW Brown	08/00/1996
729931		TJ Lomax	09/00/1995
730616	PLANNING, DESIGN, AND OPERATION OF TRANSPORTATION FACILITIES IN HOUSTON, TEXAS: 1995 SUMMARY OF ACTIVITIES		11/00/1995
732156	HOV, A REGIONAL APPROACH	KL McHenry	09/00/1996
732174	TORONTO ARTERIAL HIGH OCCUPANCY VEHICLE (HOV) LANES: EFFECTIVENESS, OPERATIONAL SAFETY AND ENFORCEMENT	R Bacquie	00/00/1996
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732364	EFFECT ON CONGESTION AND MOTORCYCLE SAFETY OF MOTORCYCLE TRAVEL ON HIGH-OCCUPANCY-VEHICLE FACILITIES IN VIRGINIA	JD Jernigan	00/00/1996
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734605	US 59 HARRIS COUNTY/FT. BEND COUNTY: A CASE STUDY APPLICATION OF A FULL-COST MODEL FOR EVALUATING URBAN PASSENGER TRANSPORTATION	MA Euritt	08/00/1996
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751258	HIGH-OCCUPANCY/TOLL (HOT) LANES AND VALUE PRICING: A PRELIMINARY ASSESSMENT		06/00/1998
751581	A HIGH OCCUPANCY VEHICLE SYSTEM INTEGRATION PLAN FOR LOS ANGELES COUNTY	T Gaul	00/00/1997
753633	ENVIRONMENTAL BENEFITS OF HIGH-OCCUPANCY LANES IN MADRID	A Monzon	00/00/1997
753750	HIGHWAY PLANNING AND OPERATIONS FOR THE DALLAS DISTRICT: IMPLEMENTATION AND EVALUATION OF CONCURRENT FLOW HOV LANES IN TEXAS	SE Ranft	11/00/1997
755176	DEVELOPMENT OF AN HOV SYSTEMS MANUAL	DG Capelle	00/00/1998
756705	ARE HOV LANES COST-EFFECTIVE IMPROVEMENTS?	G Daniels	09/00/1998
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758908	IMPLEMENTATION OF A DYNAMIC HOV LANE	KL Blume	08/00/1998
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769409	EFFECTIVENESS OF THE KATY FREEWAY HOV-LANE PRICING PROJECT: PRELIMINARY ASSESSMENT	M Hickman	00/00/1999
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ID	Title	Author	Date
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778839	EVALUATION TOOLS FOR HOV LANE PERFORMANCE MONITORING	ME Hallenbeck	08/00/1999
780198	HIGH-OCCUPANCY VEHICLE MONITORING AND EVALUATION FRAMEWORK	D Bracewell	00/00/1999
788727	MACROSCOPIC APPROACH FOR EVALUATING DIAMOND HOV LANE OPERATIONS	R Kota	00/00/2000
789346	CALIFORNIA EXAMINES THE PERFORMANCE OF ITS HOV LANES	A Kail	03/00/2000
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825895	ARTERIAL HIGH-OCCUPANCY VEHICLE ALTERNATIVES PLANNING AND EVALUATION	HC Chen	00/00/1992
826391	EFFECTIVENESS OF IMPLEMENTED HOV LANE SYSTEM	R Klusza	00/00/1992
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864592	2005 HOV PROGRAM PRIORITIZATION, DELIVERABLE # 4: EVALUATION AND PRIORITZATION REPORT		00/00/1990
881381	A PANEL-BASED EVALUATION OF THE SAN DIEGO I-15 CARPOOL LANES PROJECT	TF Golob	00/00/1997