



HOV Facility Inventory and Clearinghouse

HOV Pooled Fund Study Annual Meeting
June 20-21, 2007
San Francisco

Project Purpose

- Create, support, and maintain a central clearinghouse (i.e., a managed website) within the existing HOV PFS website and linked or replicated on the appropriate FHWA website



Project Objectives

- Develop a comprehensive and interactive database of existing and planned HOV facilities in North America and American territories, broken out by “Highway” and “Arterial” classifications
- Develop a web-based repository of significant and relevant documents and products related to HOV facilities



Intended Audience

- The public, representative state DOTs, Metropolitan Planning Organizations, transit agencies, enforcement agencies and others having a role or interest in the planning, design, development, management, and operation of HOV facilities
- Targeted end users are the public, planners, managers and policy-makers of HOV operating agencies

Project Status

- Tasks Completed
 - Updates of the HOV facility databases
 - Clearinghouse website design
 - Development and test of web-based facility inventory
- Current Tasks
 - Clearinghouse administrative functions
 - Updating “Resources” page
 - Outreach materials

Clearinghouse Overview

The screenshot shows the homepage of the HOV Clearinghouse. At the top left is the U.S. Department of Transportation Federal Highway Administration logo. At the top right are links for 'FHWA Home' and 'Feedback'. The main header features a large 'HOV Clearinghouse' title over a background image of a highway interchange, with the FHWA logo and name to the right. Below the header is a navigation bar with 'Home', 'HOV Facility Inventory', and 'Resources'. A left sidebar contains a menu with 'Calendar', 'Discussion Forum', 'Contact Us', 'FAQ', 'Login', 'Logoff', and 'Links'. The main content area has a 'Welcome to the HOV Clearinghouse' heading followed by a paragraph of introductory text. The footer includes the FHWA logo, navigation links for 'FHWA Home', 'Operations Home', 'HOV Pooled-Fund Study Home', and 'Privacy', and a 'Last modified: June 7, 2007' timestamp.

U.S. Department of Transportation
Federal Highway Administration

FHWA Home | Feedback

HOV Clearinghouse

U.S. Department of Transportation
Federal Highway
Administration

[Home](#) | [HOV Facility Inventory](#) | [Resources](#)

- Calendar
- Discussion Forum
- Contact Us
- FAQ
- Login
- Logoff
- Links

Welcome to the HOV Clearinghouse

Welcome to the High Occupancy Vehicle (HOV) Clearinghouse Website. You will find a wealth of information about HOV systems and the most recent activities. This website is a central clearinghouse that houses a comprehensive and interactive database of existing and planned HOV facilities in North America and American territories, broken out by "Freeway" and "Arterial" classification, and a repository of significant and relevant documents and products related to HOV facilities. The HOV Clearinghouse is also intended to facilitate the sharing of information among practitioners and the dissemination of innovative tools, processes, problem solving efforts and capacity building efforts to assist HOV practitioners in performing their duties and achieving the goals and objectives of their respective HOV facilities. The development of the HOV Clearinghouse is sponsored by the Federal Highway Administration (FHWA) and the HOV Pooled Fund Study.

FHWA | [FHWA Home](#) | [Operations Home](#) | [HOV Pooled-Fund Study Home](#) | [Privacy](#) | Last modified: June 7, 2007

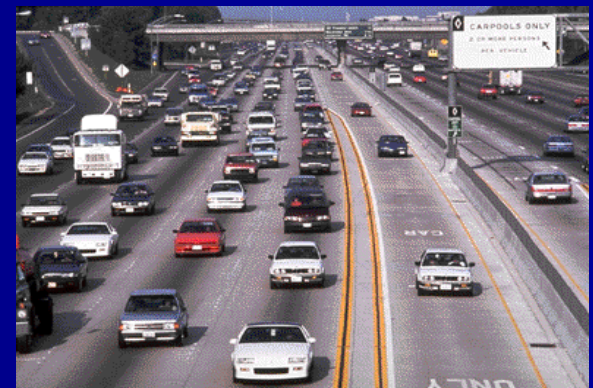
Clearinghouse Website: Navigation

- Top Menu
 - Home
 - Facility Inventory
 - Resources
 - Calendar
 - Discussion Forum
 - Contact
 - FAQs
 - Links
 - Login



Facility Inventory

- Worked with Parsons Brinkerhoff and McCormick Rankin Corporation to update highway and arterial HOV databases that have already been compiled
- Collected additional information to expand inventory databases



Facility Inventory Data Fields

- Location/Route Information
 - State/Province (e.g. North Carolina)
 - City/County (e.g. Charlotte/Mecklenburg)
 - Urban Area (e.g. Charlotte)
 - Road (e.g. I-77)
 - Segment (e.g. I-277 to I-485)
- Facility Information
 - Type (e.g. Concurrent flow)
 - Separation (e.g. Pavement markings)
 - Intermediate Access (e.g. Continuous)
 - Date Opened (e.g. 2004)
 - Status (e.g. Open)



Facility Inventory Data Fields (Cont.)

- Facility Information

- No. of HOV Lanes
- No. of General Purpose Lanes
- Length (in km and miles; and in lane-km and lane-mile)
- Eligibility (HOV, Toll, Motorcycle, Taxi, Special Fuel, Others)
- Hours of Operations
- Changes Since Opening

- Volumes

- HOV Peak Hour Volumes (by AM and PM Peaks, and by Carpool, Bus, and Others)
- HOV Peak Hour Persons (by Carpool, Bus, and Others)
- Peak Hour Volumes in GP Lanes

Facility Inventory Data Fields (Cont.)

- Violation and Fines
 - Peak Hour HOV Lane Violators and Violation Rate
 - Violation Penalty
 - Fine Revenue
- Other Information
 - Peak Hour Travel Time Savings in HOV Lane
 - Responsible Agency
 - Internet Site
 - Agency Contact
 - Other Notes



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HOV FACILITY INVENTORY

HOV facilities refer to roadways or roadway elements that are restricted to use by other high occupancy vehicles such as carpools, vanpools, or transit during pre-defined time periods. This HOV facility inventory contains information on existing and planned HOV facilities on both controlled access highways and surface street arterials in North America and American territories.

This page allows you to view the entire list of existing and planned HOV facilities, download the entire facility database, and search and generate a customized report for specific HOV facilities by user-defined criteria. A list of [glossary](#) provides the description of the information included in the database.

[View the List of HOV Facilities \(with selected data fields\)](#)

[Download Comprehensive Facility Inventory](#)

[Search and Generate a Customized Report](#)

[Glossary](#)

The HOV Pooled-Fund Study and FHWA provide the resources to maintain this inventory. In order to include the most recent information, the database will be updated approximately once every six months based on the information provided by volunteered agencies. Please [contact us](#) to report any changes on existing and planned HOV facilities or if you have any questions or feedbacks on the database.

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HOV FACILITY INVENTORY LIST

The entire list of existing and planned HOV facilities is shown in the table below. For display purpose, only selected information is presented for each facility. For the comprehensive inventory database, please go to [Download Comprehensive Facility Inventory](#) page. To search for specific facilities, please go to [Search and Generate a Customized Report](#) page.

State/Province	City/County	Urban Area	Class	Road	Segment	Type	Separatic	Status	# HOV Lanes	Route (mi)	Elig. HOV	Hours of Operation	Responsible Agency	Other Notes
Alberta	Calgary	Calgary	Arterial	Centre St North	3rd Ave South - 22nd Ave North	Curb lane in tidal flow (3+1) operation on 4 lane major arterial& feeding CBD	Standard TAC signage, pavement diamond, dashed lane lines	Open		2	2+	AM and PM Peaks	City of Calgary	Avg auto occupancy up 1.32-1.39 on Centre St; bus ridership up 56 % from pre-bridge closure (23 % since bridge re-opening); total volume down 32 % from pre-bridge closure; speed limit is 50 km/h;enforcement agency is Calgary Police; project cost \$0.5 M
Arizona	Phoenix / Maricopa	Phoenix	Highway	117	Thomas Road to Loop 101	Concurer (median)	Buffer	Open	2	12.5		24/7	Arizona DOT	Averages were provided based on multiple data points for all traffic count information

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Simple Search

Advanced Search

Report Format

Web Report

Classification

- Highway Facilities
- Arterial Facilities
- All Facilities

Status

- Existing Facilities
- Planned Facilities
- All Facilities

Search By

State / Province

Alberta
Arizona
British Columbia

Road

Periods of
Operation

Number of
HOV Lanes

Eligibility

Facility Type

Separation

Bus Only, Busway, or Tran
Concurrent Flow
Contra Flow
HOT
Queue Bypass
Reversible
Separate Roadway

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Simple Search ○

Advanced Search ●

Report Format

Web Report ▾

Run Report

Classification

- Highway Facilities
- Arterial Facilities
- All Facilities

Status

- Existing Facilities
- Planned Facilities
- All Facilities

Search By

State / Province

Alberta
Arizona
British Columbia

Road

Periods of
Operation

Number of
HOV Lanes

Eligibility

Facility Type

Separation

Additional Details

Urban Area

Atlanta
Austin
Bay Area

City/County

Alameda County
Alexandria
Austin

Route Length Mile km

Lane Length Mile km

- Responsible Agency
- Contact
- Internet Site
- Violation Rate
- Violation Penalty
- Fine Revenue
- Toll
- Motorcycle
- Taxi
- Special Fuel
- Others

Challenges

- Agency Contacts
 - Identification
 - Staff Turnover
- Information Accuracy
 - Significant effort for data collection and verification
- Data Format and Consistency



Next Steps

- Implement Website Administrative Functions
- Long-Term Support and Maintenance Plan: September 2007
- Final Delivery of Website: October 2007
- Outreach Materials (Presentation, Fact Sheet, and FAQ's):
October 2007

Contact

- Project Website

- http://hovpfs.ops.fhwa.dot.gov/cfprojects/new_detail.cfm?id=50&new=0

- Contact Information

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