

Purpose

High Occupancy Vehicle (HOV) and High Occupancy Toll (HOT) lanes are an effective tool for increasing throughput on congested roadways. While there is a substantial amount of material available on HOV-related topics, it had not previously been compiled in one location to provide a comprehensive reference resource or forum to exchange information. Searching for HOV-related material from a variety of sources was a time-consuming task, and missing a hard-to-find document could result in critical information being missed.



The HOV Pooled Fund Study (PFS) led the effort to create a HOV Clearinghouse website to compile this information in one location to make it easier for users to find. The HOV Clearinghouse website provides a central repository of HOV-related information, documentation, and products, including a comprehensive inventory of HOV facilities in the United States and Canada. The clearinghouse also houses up-to-date published information and provides a user forum to facilitate information exchange and sharing among HOV practitioners. This clearinghouse is an information source for anyone who is interested in any facet of HOV facilities planning, design, development, management and operations – the public, transportation and transit agency professionals, enforcement staff, and transportation planners.

Key Features of the Clearinghouse

The HOV Clearinghouse has several features that make it a one-stop location for HOV related information.

The goal of the HOV Pooled-Fund Study (HOV PFS) is to assemble regional, state, and local agencies, and the Federal Highway Administration (FHWA) to:

- ❖ Identify issues that are common among agencies;
- ❖ Suggest projects and initiatives;
- ❖ Select and initiate projects intended to address identified issues;
- ❖ Disseminate results; and
- ❖ Assist in solution deployment

Participating state transportation agencies include California, Georgia, Maryland, Massachusetts, Minnesota, New Jersey, New York, Tennessee, Virginia, and Washington.

The **HOV Facility Inventory** builds off multiple existing databases and combines information on all existing and planned HOV facilities in over 30 metropolitan areas in the United States and Canada. The inventory includes both arterial and freeway facilities. The inventory includes information on over 50 facility characteristics such as location, facility type,

State/Province	City/County	Urban Area	Class	Road	Segment	Type	Separation	Status	# HOV Lanes	Route(m)	Elig. HOV	Hours of Operation	Responsible Agency	Other Notes
British Columbia	Vancouver	Greater Vancouver	Highway	H-99 NB	Grandview Hwy to Lougheed Hwy	Concurrent (right side)	Painted Stripe	Open	1	1	3+	24/7	BC Ministry of Highways and Transportation	
British Columbia	Vancouver	Greater Vancouver	Highway	H-1 Trans Canada Highway	Hwy to Lougheed Hwy	Concurrent (median)	Painted Stripe	Open	2	0.9	2+	24/7	BC Ministry of Highways and Transportation	
British Columbia	Burnaby	Vancouver	Arterial	Barnet Highway (Rte 7A)	Clarke Street - Cliff Avenue	Curb lanes on four lane high-standard road in industrial / park setting	Standard dash line	Open		5	2+	AM and PM Peaks	City of Burnaby	Data from BC MoTH After-Implementation Study, Dec 1996 - outdated; speed limit is 80 km/h; enforcement agency is City of Burnaby Police Department
British Columbia	Burnaby	Vancouver	Arterial	Willingdon Ave	Miscrop Street / Deer Lake Parkway - Hastings Street	Curb lane on six lane arterial linking several east-west corridors	Standard dash line, solid line	Open		1	6+	24/7	City of Burnaby	Only HOV/6+ facility in operation; speed limit is 50 km/h; enforcement agency is City of Burnaby Police Department; project cost is approximate \$1.8 M
British Columbia	Burnaby	Vancouver	Arterial	Hastings Street (Rte 7A)	Cliff Avenue - Renfrew Street	Six lane major commercial artery with on-street parking	Standard dash line	Open		4	2+	AM and PM Peaks	City of Burnaby (east part) and City of Vancouver	Speed limit is 50 km/h; enforcement agency is City of Vancouver Police Department

status, number of lanes, length, vehicle eligibility, hours of operation, peak hour traffic volumes, violations and penalties, time savings, facility contact, and more. The Inventory is updated regularly to ensure that data is current and accurate. Users can choose how they view information from the database. Users can:

- view a report of all facilities with key facility characteristics and information;
- download a worksheet list with the comprehensive data; or
- generate custom reports showing only the data the user specifies.

The **Resources Page** houses a variety of HOV-related documents and products, including reports, white papers, case studies, presentations, brochures, conference proceedings and other material. This repository includes material on operations, enforcement, lane pricing, performance monitoring, hybrid vehicles, policy, software, and training, among other subjects.

The **Discussion Forum** provides an area for discussion of HOV-related questions and information exchange on various subjects. Users can post questions and reply to other practitioner's questions, allowing multiple practitioners with diverse experience and knowledge to post information for all users to read.

The **Calendar** provides information on upcoming events around the country related to HOV that might be of interest to practitioners. Events include training courses, conferences, and professional organization meetings.

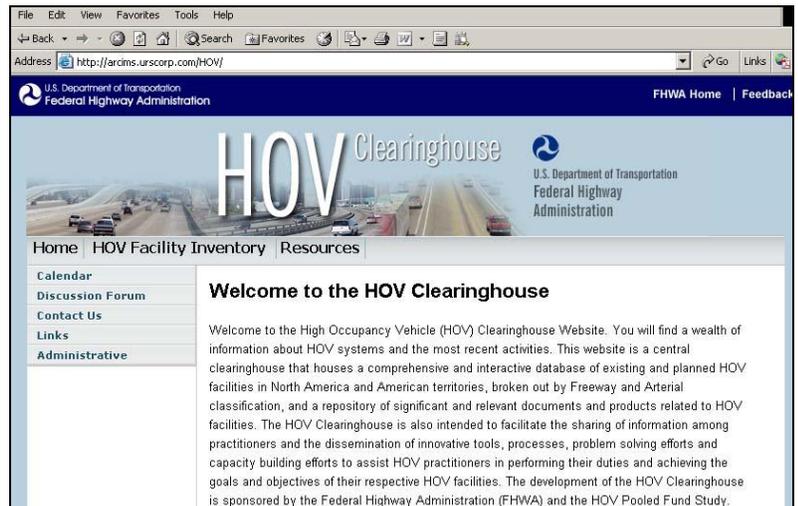
The **Links Page** lists HOV-related websites for Federal programs, professional organizations, state DOTs, MPOs and regional transit agencies, and academia.

The **FAQ Page** provides the general background information on the Clearinghouse, answers the questions related to the web site subject matter, and provides assistance to non-technical audience with navigating the website.

Website

The HOV Clearinghouse is available at <http://arcims.urscorp.com/HOV/>, or via the HOV Pooled Fund Study maintained web page for this project at http://hovpfs.ops.fhwa.dot.gov/cfprojects/new_detail.cfm?id=50&new=0.

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U.S. Department of Transportation

Federal Highway Administration

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