

Philip Demosthenes
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Current: Independent principal transportation planner providing access management and roundabout policy and planning services including program and policy development, design criteria, corridor planning, training, design and safety assessments, facilitation of project implementation, public outreach, presentations and litigation support.

Past Employment:

2004 to 2009. Senior Planner with Parametrix Consulting, Denver Colorado.

Provided access management and roundabout planning services to public agencies and private companies. Clients have included: New Mexico DOT, Arizona DOT, California DOT, Idaho Transportation Department, COMPASS (Boise area cog), Ada County Highway District ID, Louisiana DOTD, Lafayette LA MPO, Denver Regional Transportation District, Colorado DOT, City of Black Hawk CO, City of Greenwood Village CO, City of Tumwater Washington, City of La Habra CA, City of La Quinta CA, Alaska DOT, University of Kentucky, Western Plains MPO Conference, City of Bend OR, the URS Corporation, Fehr & Peers, Parsons Brinckerhoff, the Bromley Companies CO, British Columbia and Alberta provinces of Canada, and the National Traffic Safety Research Center of the People's Republic of China.

1976 to 2004, Planner and Program Administrator, Colorado Department of Transportation

1977. Completed extensive investigation into access management practices including, standards, procedures and public policy in Colorado as well as other states. Researched related national engineering and safety studies that apply to civil and traffic engineering aspects of access management.

1978-1979. Assisted DOT chief legal counsel in the development of an innovative new state statute for improved access control on state highways, and represented the Department before the state legislature to help enact the legislation.

1979-1981. Project manager responsible for the development a new access management program and writing of new state access regulations. Chaired committees on design and procedures, shepherded the regulations through the legislative review process, developed supporting internal procedures, completed all supporting materials and related implementation details, and developed and conducted state staff and local government training for the new program.

1978-1985. Wrote a successful proposal and obtained a 10.5 million dollar FHWA Access Control Demonstration Project for the study of access management as a cost-effective alternative to major widening projects and new highway construction. Served as the project manager. Project report submitted to the US Congress in 1985.

1982-2004, Access Program Administrator, Colorado Department of Transportation. Responsibility for the continuing development, implementation, research and daily administration of the Department's statewide access management program including

objectives, procedures, policies, regulation revisions, access management planning, agency training, and local government assistance. Assisted in highway project related access planning and design. In cooperation with the State Office of the Attorney General, managed all legal proceedings regarding access permit litigation. Worked with right-of-way appraisal and acquisition staff regarding acquisition and condemnation of property involving access rights and access control by deed. Provided expert testimony in administrative hearings and in district court.

Current Projects:

Caltrans SR 49, City of Angels CA, access management planning for an old highway through a 150 year old rural town seeking context sensitive solutions for improving capacity and safety (w/ URS Corp).

Kansas DOT. Develop the next-generation KDOT Corridor Management Policy manual (in progress). Incorporate an innovative and multi-disciplinary approach that advocates principles set forth in sustainability, access management, design engineering, traffic engineering, transportation planning, and land-use planning. Define KDOT's Corridor Management policies and procedures, update and set-forth applicable engineering and design standards. (w/ Parsons Brinckerhoff)

La Quinta, CA: Evaluation of the safety, design and operating conditions of an existing roundabout.

Instructor, University of California, Berkeley. 2002 to Present. Providing two day seminars in access management and roundabout planning and design to transportation professionals in California. These courses are managed by the UCB Institute of Transportation Studies and are presented annually.

Institute of Transportation Engineers. 2009 and 2010, Webinar presenting the content and background of the ITE Urban Street Geometric Handbook, Chapter on Access Management.

Recent Past Major Projects:

Technical Lead, Access Manual Update, New Mexico DOT. First phase to update and improve the current NM DOT access management program. The project completed a thorough review of the current access manual, regulations, internal policies and standards and then verified the current state of the national practice in order to establish a clear foundation upon which to update the program. Recommended new strategic manual and decision framework and goals and objectives for updating the program. Identified and prioritized recommended program revisions detailing purposes and benefits. Drafted revised internal policy, criteria and procedures for changes in access on controlled-access facilities.

In the Treasure Valley of Idaho, US 20/26 and SH 44. Each are 15 mile corridors using access management planning to develop a long-range corridor preservation plans and design concepts that recognize and support future land use while maintaining regional mobility and providing local agencies the plans and administrative tools necessary to make day-to-day decisions on access location and design to minimize roadway impacts.

Arizona DOT. Developed a comprehensive and modern access management program for the Arizona DOT to preserve the function, efficiency and safety of state highways. Developed all aspects of the program including policies, guidelines, regulations, highway access classification system, procedures, management framework, standards and implementation strategies.

Lake Hazel Road in Ada County and Boise Idaho. Developed an access management plan for a seven mile new alignment of Lake Hazel Road through mostly undeveloped land on the south side of the Boise airport. New alignment to support the expansion of the airport as well as industrial, commercial and residential growth planned for the area.

The Centre for Transportation Engineering and Planning, Alberta Infrastructure and Transportation Ministry, Edmonton, Canada: 2008. Provided two day training in access management and roundabout planning and design.

National Traffic Safety Research Center of the People's Republic of China. 2007: Provided a three day training seminar in access management to federal and municipal government traffic and design engineers.

Litigation Support:

RTD v. Hess Properties, 2008 CV 3585, District Court, Jefferson Co. (February 2010).
Webb Ranch, Parcel 4 of CDOT Project NH 160A-00, La Plata County (2009).
City of Colorado Springs vs York Plaza Center, El Paso District Court (2010), 09CV3894.
Colorado DOT vs. Case International Co, El Paso District Court (2007). 07-CV-2114
City of Greenwood Village vs. CNL Funding 2000-A, Arapahoe Co District Court, (2006).
City of Black Hawk v. Yonkers, et al. Gilpin County District Court, No. 2004-CV-81 (2004).
Colorado DOT v. Colo Eastern Railroad Co, Adams Co District Court 98 CV 2553 (2001).

Other Significant Work, 1989-2004

Provided consultant services for the development of several state level access programs; New Jersey DOT (1989-1991); Michigan DOT (1994-1996); Montana DOT (1997); South Dakota DOT (1999); and participated in the development of NCHRP project 3-52, Impacts of Access Management Techniques, (1995-1998).

1985 to 2004, provided general assistance to support various agencies in their access management programs, providing various levels of training, presentations on specific topics, advice on program strategies and management, and policy matters. This has included several state DOTs — New Jersey, Florida, Michigan, Minnesota, Maine, Ohio, Oregon, Montana, South Dakota, Nevada, Utah and Illinois, as well as the Texas Transportation Institute, Canadian providences of Manitoba and British Columbia, and the Greek Ministry of Public Works.

RELATED EXPERIENCE

Chairman for both the 1993 and the 1996 National Conferences on Access Management. These conferences were held under the auspices of the Transportation Research Board, Access Management Committee, and the Federal Highway Administration.

Member of the TRB Committee on Access Management, AHB70. Chairman of the subcommittee on outreach. Member and past chairman of the Subcommittee on Research. Past Chairman of the access subcommittee on Legal and Right-of-way Issues.

Member of the TRB Committee on Eminent Domain and Land use, AL060.

Member of the TRB Task Force on Roundabouts, ANB75T. Chairman of the TRB National Conference on Roundabouts, May 2005. Chairman, subcommittee on roundabout research.

Chairman of the national telephone conference on access management - an informal, on-going, conference of DOTs, meeting quarterly by phone since 1991, to share information and assist each other in the development and management of access programs.

Have served on many technical panels of the National Cooperative Highway Research Program, Transportation Research Board, (a division of the National Academies and the National Research Council), including: 1989 project 348, *Access Management Policies and Guidelines for Activity Centers*; 1992 project 25-4, *Determining Economic Impacts on Adjacent Businesses Due to Restricting Left Turns*; 1995 synthesis project 233, *Land Development Regulations that Support Access Management*, 1999 synthesis project 289, *Corridor Management*, 2000 synthesis topic 32-05, *Driveway Regulation Practices*; 2000 project panel 17-21, *Safety of U-Turns at Unsignalized Intersection/Median Openings*; 2004 panel 8-44, *Incorporating Safety into Long-range Transportation Planning*; 2004 panel 8-46, *A Guide for Including Access Management in Transportation Plans*; 2003 synthesis topic 34-12, *Access Location on Crossroads in the Vicinity of Interchanges*; and 2004 synthesis topic 35-06, *Acquisition of Access Rights*. Currently the panel chairman of 2006 NCHRP project 15-35, *The Development Guidelines for the Design of Driveways*.

EDUCATION

1973, Master of Fine Art, California Institute of The Arts, Valencia California, with major emphasis in studies of environmental and land use planning. 1971, Bachelor of Fine Art, California Institute of the Arts, with major studies in design and planning. Also attended University of California at San Diego and Santa Barbara, and Cañada College with studies in the sciences and the liberal arts.

AWARDS, PUBLICATIONS

1999, recipient of the "Professional of the Year" Award from the Colorado/Wyoming Section of the Institute of Transportation Engineers.

1988, Recipient of the Dr. L. I. Hewes Award from the Western Association of State Highway and Transportation Officials in recognition for developing Colorado's access management program.

Have authored and co-authored many papers and provided presentations and training on access management and related issues at international, national, regional and local conferences since 1984.

Demosthenes, Philip and Elizer, Marshall, Chapter 3, Access Management. Institute of Transportation Engineers, "Urban Street Geometric Design Handbook" (2008).

Demosthenes, Philip and Stover, Vergil, Access Management Chapter, Institute of Transportation Engineers, "Traffic Engineering Handbook" (2009).

"Practices in Access Management," article in the ITE Journal, Institute of Transportation Engineers, January 2010.

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