

Directory of Superpave Resources

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U.S. Department
of Transportation
**Federal Highway
Administration**



This handy reference guide outlines the range of resources available to assist highway agencies and industry in implementing the Superpave system for asphalt mix design. This list is not exhaustive, however, as many other organizations are involved in the Superpave implementation effort. Additional information can be obtained from such sources as your FHWA Division Office or local hot-mix asphalt organization. This guide is also available on the web (www.ota.fhwa.dot.gov).

Technology Transfer Teams

Superpave Technology Delivery Team

This team directs FHWA's Superpave implementation efforts and works to improve coordination with State highway agencies. Team members represent FHWA's engineering, research, technology transfer, and field offices.

Contact: Gary Henderson, FHWA
Phone: 202-366-1549
Fax: 202-366-9981
Email: gary.henderson@fhwa.dot.gov
Address: HNG-23, Rm. 3211, 400 7th St., SW,
Washington, DC 20590

Contact: Tom Harman, FHWA
Phone: 703-285-2772
Fax: 703-285-3105
Email: tom.harman@fhwa.dot.gov
Address: Turner-Fairbank Highway Research Center, HNR-20,
6300 Georgetown Pike, McLean, VA 22101-2296

Contact: John Bukowski, FHWA
Phone: 202-366-1287
Fax: 202-366-9981
Email: john.bukowski@fhwa.dot.gov
Address: HNG-44, Rm. 3118, 400 7th St., SW,
Washington, DC 20590



Contact: John D'Angelo, FHWA
Phone: 202-366-0121
Fax: 202-366-7909
Email: john.d'angelo@fhwa.dot.gov
Address: HTA-20, 400 7th St., SW, Washington, DC 20590

Contact: Don Voelker, FHWA
Phone: 919-856-4347
Fax: 919-856-4353
Address: 310 New Bern Ave., Suite 410, Raleigh, NC 27601

Lead States Superpave Team

The team, which is made up of States that have taken the lead in implementing the Superpave system, provides technical support and guidance to other State highway agencies. The team also maintains a listing of a pool of technical expertise.

New York

Contact: Paul Mack, New York State DOT (Team Leader)
Phone: 518-457-4445
Fax: 518-485-7074
Email: pmack@gw.dot.state.ny.us
Address: Bldg. 7A, Rm. 210, 1220 Washington Ave.,
Albany, NY 12232-0862

Utah

Contact: Murari Pradhan, Utah DOT
Phone: 801-965-4521
Fax: 801-965-4403
Email: mpradhan@email.state.ut.us
Address: Construction and Materials Div., Box 148220,
4501 S. 2700 W., Salt Lake City, UT 84114-8220

Maryland

Contact: Larry Michael, Maryland State Highway Administration
Phone: 301-678-6134; 800-477-7453
Fax: 301-678-5190
Email: lmichael@sha.state.md.us
Address: Western Regional Laboratory, 528 E. Main St.,
Hancock, MD 21750



Florida

Contact: Jim Musselman, Florida DOT
Phone: 352-337-3150
Fax: 352-334-1648
Email: jim.musselman@dot.state.fl.us
Address: 2006 Northeast Waldo Rd.,
Gainesville, FL 32609-8901

Indiana

Contact: Rick Smutzer, Indiana DOT
Phone: 317-232-5280
Fax: 317-356-9351
Email: mrtest@iquest.net
Address: 120 South Shortridge Rd., Indianapolis, IN 46219

Texas

Contact: Maghsoud Tahmoressi, Texas DOT
Phone: 512-232-1903
Fax: 512-232-1939
Email: mtahmor@mailgw.dot.state.tx.us
Address: Materials and Tests Annex, 2311 W. Rundberg Ln.,
Suite 100, Austin, TX 78758

Training and Technical Support

National Asphalt Training Center (NATC)

The NATC holds 1-week training sessions, as well as other shorter workshops, on different aspects of the Superpave system, including binder testing, volumetric mix design, and mix analysis.

Contact: Paige Anderson
Phone: 606-288-4964
Fax: 606-288-4999
Email: seminars@asphaltinstitute.org
Address: P.O. Box 14052, Lexington, KY 40512



National Highway Institute (NHI)

NHI offers a range of Superpave training courses, including sessions targeted to senior managers, engineers, and local governments. The courses can be sponsored by State and local highway agencies, FHWA field offices, industry groups, engineering firms, universities, and other organizations.

Contact: Pat Lees

Phone: 703-235-0524

Fax: 703-235-0593

Email: pat.lees@fhwa.dot.gov

Address: 4600 N. Fairfax Drive, Suite 800,
Arlington, VA 22203

Superpave Regional Centers

Operated jointly by universities and State departments of transportation, these centers bring the Superpave equipment and procedures to engineers and technicians in their regions. Some centers also provide training.

Northeastern Superpave Regional Center

Contact: Anne Stonex

Phone: 814-863-5789

Fax: 814-865-3039

Email: superpave@psu.edu

Web: www.superpave.psu.edu

Address: Pennsylvania Transportation Institute,
216 Research Office Bldg., University Park,
PA 16802

North Central Superpave Regional Center

Contact: Rebecca McDaniel

Phone: 765-463-2317

Fax: 765-497-2402

Email: rsmcdani@ecn.purdue.edu

Web: ce.ecn.purdue.edu/~spave/

Address: 1205 Montgomery St., P.O. Box 2382,
West Lafayette, IN 47906

Southeastern Superpave Regional Center

Contact: Doug Hanson

Phone: 334-844-6240

Fax: 334-844-6248

Email: dhanson@eng.auburn.edu

Address: 211 Ramsay Hall, Auburn University, AL 36849-5354



South Central Superpave Center

Contact: Mansour Solaimanian
Phone: 512-232-1930
Fax: 512-475-7914
Email: mansour.sol@mail.utexas.edu
Web: www.utexas.edu/research/superpave
Address: 2311 W. Rundberg Ln., Austin, TX 78758

Western Superpave Regional Center

Contact: Jon Epps
Phone: 702-784-6873
Fax: 702-784-1429
Email: epps@unr.edu
Address: Nevada T2 Center/257, University of Nevada,
Reno, NV 89557

Mobile Asphalt Laboratories

FHWA's two mobile asphalt laboratories are staffed with technicians and engineers skilled in the Superpave procedures. The laboratories are available to visit Superpave construction projects and other sites.

Contact: John D'Angelo, FHWA
Phone: 202-366-0121
Fax: 202-366-7909
Email: john.d'angelo@fhwa.dot.gov
Address: HTA-20, 400 7th St., SW, Washington, DC 20590

University of Maryland Superpave Models Project Team

The Superpave models team is working to complete the Superpave software validation and development process begun under SHRP.

Contact: Matt Witczak, University of Maryland
Phone: 301-405-0305
Fax: 301-405-6230
Email: witczak@eng.umd.edu
Web: www.enche.umd.edu/superpave
Address: Department of Civil Engineering,
College Park, MD 20742



Asphalt User-Producer Groups

The asphalt user-producer groups, which include representatives from State highway agencies and industry, work to encourage the adoption of the Superpave system in their regions.

Northeast

Contact: Frank Fee, Citgo Asphalt
Phone: 610-565-6863
Fax: 610-565-1694
Address: 401 Woodward Road, Moylan, PA 19063

Southeast

Contact: Doug Hanson,
National Center for Asphalt Technology
Phone: 334-844-6240
Fax: 334-844-6248
Email: dhanson@eng.auburn.edu
Address: 211 Ramsay Hall, Auburn University,
Auburn, AL 36849-5354

Contact: Jill Baumgardner, SEAUPG
Phone: 601-898-2965
Fax: 601-898-2966
Email: jxnjil@aol.com
Address: P.O. Box 1065, Ridgeland, MS 39158

North Central

Contact: John Volker, Wisconsin DOT
Phone: 608-246-7930
Fax: 608-246-4669
Email: jvolker@mail.state.wi.us
Address: DTID, 3502 Kinsman Blvd., Madison, WI 53704

Rocky Mountain

Contact: Bob Rask, Asphalt Institute
Phone: 303-798-1950
Fax: 303-738-9627
Email: rastamb@aol.com
Address: 7000 S. Broadway, Suite 2B,
Littleton, CO 80122-1001



Pacific Coast

Contact: Rick Holmgreen, Shell Oil Company
 Phone: 281-544-8257
 Fax: 281-544-8150
 Email: holmgreen@shellus.com
 Address: P.O. Box 1380, Houston, TX 77251-1380

FHWA Bituminous Mixture Labs

Lab staff are evaluating the Superpave shear tester and the indirect tensile tester.

Contact: Kevin Stuart, FHWA
 Phone: 703-285-2627
 Fax: 703-285-3105
 Email: kevin.stuart@fhwa.dot.gov
 Address: Turner-Fairbank Highway Research Center, HNR-20,
 6300 Georgetown Pike, McLean, VA 22101-2296

State Superpave Laboratories

The laboratories provide technical assistance with Superpave mix design and verification.

Connecticut (serves all of New England)

Contact: Jack Stephens or James Mahoney,
 Connecticut Advanced Pavement Laboratory
 Phone: 860-486-5956
 Fax: 860-486-2399
 Email: mah9709@uconnvm.uconn.edu
 Web: www.eng2.uconn.edu/ti/netc/apl
 Address: 179 Middle Turnpike, Box U-202,
 University of Connecticut, Storrs, CT 06269-5202

Florida

Contact: Glenn Shiller, Florida DOT
 Phone: 352-337-3203
 Fax: 352-334-1649
 Email: glenn.shiller@dot.state.fl.us
 Address: 2006 N.E. Waldo Road, Gainesville, FL 32609



Maryland

Contact: Larry Michael,
Maryland State Highway Administration
Phone: 301-678-6134; 800-477-7453
Fax: 301-678-5190
Email: lmichael@sha.state.md.us
Address: Western Regional Laboratory, 528 E. Main St.,
Hancock, MD 21750

Massachusetts

Contact: Walaa Mogawer,
University of Massachusetts–Dartmouth
Phone: 508-999-8468
Fax: 508-999-8964
Email: wmogawer@umassd.edu
Web: www3.umassd.edu/faculty/wmogawer/wmogawer.htm
Address: 285 Old Westport Rd., North Dartmouth, MA
02747-2300

Nevada

Contact: Dean Weitzel, Nevada DOT
Phone: 702-888-7520
Fax: 702-888-7501
Address: Materials Division, 1263 S. Stewart St.,
Carson City, NV 89712



Online Technical Support

Superpave Online Discussion Group

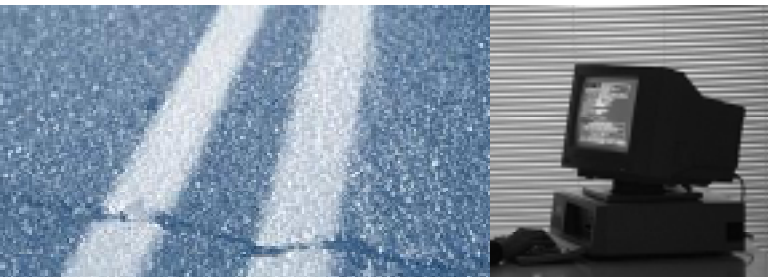
Hosted by the Washington State Department of Transportation (WSDOT), the online discussion group is open to transportation professionals from transportation agencies, industry, and academia. To subscribe, go to the discussion group section of the WSDOT SHRP Evaluation & Implementation Database (www.wsdot.wa.gov/fossc/OTA/SHRP/discussion) and fill out the subscription form. Alternately, send an email message to shrp@wsdot.wa.gov. In the message, type: SUBSCRIBE SUPERPAV {your full name}.

Contact: Carlos Mossman, WSDOT
Phone: 360-705-7509
Fax: 360-705-6889
Email: mossmac@wsdot.wa.gov

SHRP Information Clearinghouse

The Clearinghouse provides timely information on the national effort to implement Superpave and other SHRP products. Features include a listing of SHRP publications, a calendar of upcoming events, and a directory of persons associated with SHRP implementation. The Clearinghouse is available on the World Wide Web and through a dial-up service.

Contact: Mark Bradley at Henderson Associates
(to obtain software for dial-up service)
Phone: 202-463-1935
Fax: 202-463-1970
Email: bradley@radix.net
Web: www.hend.com/shrp/shrp



Advisory Groups

Asphalt Technical Working Group (TWG)

The Asphalt TWG, which includes representatives from highway agencies, asphalt suppliers, contractors, academia, and FHWA, provides guidance on ways to encourage the adoption of the Superpave system by the highway industry.

Contact: Don Steinke, FHWA
Phone: 202-366-0392
Fax: 202-366-9981
Email: don.steinke@fhwa.dot.gov

Binder Expert Task Group (ETG)

The binder ETG assists the Asphalt TWG by providing more specialized guidance on the testing and adoption of the Superpave binder specification.

Contact: John D'Angelo, FHWA
Phone: 202-366-0121
Fax: 202-366-7909
Email: john.d'angelo@fhwa.dot.gov

Mix Expert Task Group

The mix ETG also assists the Asphalt TWG by advising on the testing and implementation of Superpave mixes.

Contact: John Bukowski, FHWA
Phone: 202-366-1287
Fax: 202-366-9981
Email: john.bukowski@fhwa.dot.gov

Contact: Tom Harman, FHWA
Phone: 703-285-2772
Fax: 703-285-3105
Email: tom.harman@fhwa.dot.gov

Superpave Models/Software Expert Task Group

This ETG advises on the development and distribution of the Superpave software and the refinement of the Superpave performance prediction models.

Contact: Katherine Petros, FHWA
Phone: 202-366-1340
Fax: 202-366-9981
Email: katherine.petros@fhwa.dot.gov



Accelerated Pavement Testing Expert Task Group

The ETG provides guidance on accelerated pavement tests, including ones to determine the effect of different Superpave binder grades on asphalt mixes.

Contact: Tom Harman, FHWA
Phone: 703-285-2772
Fax: 703-285-2767
Email: tom.harman@fhwa.dot.gov

Contact: Chris Williams, FHWA
Phone: 703-285-1018
Fax: 703-285-2767
Email: ronald.c.williams@fhwa.dot.gov

Standards

AASHTO Provisional Standards

Publication Code PS-98

Contact: American Association of State Highway and
Transportation Officials

Phone: 1-800-231-3475
Fax: 1-800-525-5562
Web: www.aashto.org

Publications

Superpave Asphalt Binder Test Methods: An Illustrated Overview

Publication No. FHWA-SA-94-068

Contact: John Bukowski, FHWA
Email: john.bukowski@fhwa.dot.gov

Background of Superpave Asphalt Mixture Design and Analysis

Publication No. FHWA-SA-95-003

Contact: John Bukowski, FHWA
Email: john.bukowski@fhwa.dot.gov



Guidelines for the Design of Superpave Mixtures Containing Reclaimed Asphalt Pavement (RAP)

Contact: John Bukowski, FHWA

Email: john.bukowski@fhwa.dot.gov

Observations of Field Experience with Superpave Projects Constructed in 1996

Contact: Dwight Walker, Asphalt Institute

Email: dwalker@asphaltinstitute.org

SHRP Superpave Research Reports and CD-ROM Library

Copies of research reports on Superpave published by SHRP are available from the Transportation Research Board. These reports are also available on CD-ROM.

Contact: Transportation Research Board Business Office

Phone: 202-334-3214

Fax: 202-334-2519

Web: www2.nas.edu/trbbooks/SHRP1.html

Focus Newsletter

This monthly FHWA publication covers how Superpave and other innovative technologies are being used to build better, safer roads.

Contact: Bill Bolles, FHWA

Phone: 202-366-6829

Fax: 202-366-7909

Email: bill.bolles@fhwa.dot.gov

Web: www.ota.fhwa.dot.gov/pubs/

Superpave Models

Published by the University of Maryland Superpave project team, this periodical provides tips, techniques, and information for users of the Superpave performance models and software.

Contact: Kathryn Harrington-Hughes,
Harrington-Hughes & Associates, Inc.

Phone: 202-347-1414

Fax: 202-347-6938

Email: kathrynhh@harrington-hughes.com

Web: www.ence.umd.edu/superpave



RoadSavers Case Studies

Publication No. FHWA-SA-96-045

The RoadSavers case studies detail how States are using Superpave and other SHRP products to improve the condition and safety of their roads. Twenty case studies on the Superpave system are now available.

Contact: FHWA Research and Technology Report Center
Phone: 301-577-0818
Fax: 301-577-1421

The Superpave System: New Tools for Designing and Building More Durable Asphalt Pavements

Publication No. FHWA-SA-96-010

This brochure provides an overview of the Superpave system and its implementation.

Contact: FHWA Research and Technology Report Center
Phone: 301-577-0818
Fax: 301-577-1421

Understanding Superpave Mix Design

Produced by FHWA and the National Asphalt Pavement Association, this 12-minute videotape provides a brief introduction to the Superpave mix design system.

Contact: National Asphalt Pavement Association
Phone: 301-731-4748; 888-468-6499
Fax: 301-731-4621

Superpave: Tomorrow's Pavements Today

Produced by the New York State Department of Transportation and FHWA's New York Division, this videotape describes how the highway agency and industry are working to move forward with implementation of the Superpave system.

Contact: FHWA Research and Technology Report Center
Phone: 301-577-0818
Fax: 301-577-1421



The Superpave System: Better Roads Ahead

Publication No. FHWA-SA-97-033

This brochure summarizes a recent economic analysis of Superpave implementation.

Contact: FHWA Research and Technology Report Center

Phone: 301-577-0818

Fax: 301-577-1421

Superpave Implementation Update

This update from FHWA provides users of the Superpave system with the latest technical information and implementation tools.

Contact: Karen Haas Smith, Editor's Ink

Phone: 301-460-4720

Fax: 301-460-4723

Email: khaassmith@aol.com

***Superpave Construction Guidelines,
Special Report 180***

The guidelines point out the differences between Superpave mixes and conventional hot-mix asphalt and provide tips on how to prevent these differences from creating problems in mix production and pavement construction.

Contact: National Asphalt Pavement Association

Phone: 301-731-4748; 888-468-6499

Fax: 301-731-4621

Web: www.hotmix.org





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**Federal Highway
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400 Seventh Street, SW
Washington, DC 20590

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