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: mrttest@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.ence.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/foscc/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

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