

CONSTRUCTION OF CONCRETE

Technology Transfer Program Library

The following resources and materials are offered to assist you when you leave this workshop and are Back@Work. These resources will help you take the information you learned today and apply it in the real world. To borrow the videos and publications or for assistance locating other information and resources, contact the Kentucky Transportation Center Library by calling 800-432-0719.

VIDEOS

- AV-V994 Concrete Plant Procedures. Michigan Dept. of Transportation. VHS. 2004. 11 min.
AV-VD027 Top 10 Myths in Concrete Construction. Portland Cement Assn. DVD. 2005. 19 min.
AV-VD026 What to Expect When You're Inspecting. Portland Cement Assn. DVD. 2006. 44 min.

PUBLICATIONS AND CD-ROM DISKS

- AV-CD349 Fundamentals of Concrete. Portland Cement Assn. 2007.
TE278.C66 2008 Concrete Pavement Field Reference Pre-Paving. American Concrete Pavement Assn. 2008.
TP883.M66 2007 Control of Portland Cement Quality. Portland Cement Assn. 2007.
FHWA-RC-05-003 Distress Identification Guide from the Long-Term Pavement Performance Program DOT FHWA. 2005.
FHWA-HIF-07-004 Integrated Materials and Construction Practices for Concrete Pavement: A State-of-the-Practice Manual. DOT FHWA. 2007.

ELECTRONIC RESOURCES

- **American Concrete Institute** (website). <http://www.concrete.org/general/home.asp>. Information about ACI and its many resources. The 'Topics in Concrete' provides access by subject.
- **American Concrete Pavement Association** (website). <http://www.acpa.org/> Has a variety of concrete resources.
- **DOT FHWA Concrete Pavements** (website). <http://www.fhwa.dot.gov/pavement/concrete/index.cfm> Covers technologies, projects, publications, and training related to concrete pavements.
- **Guidelines for Routine Maintenance of Concrete Pavement** (publication). Texas Transportation Institute. 2008. <http://d2dtl5nnlpfr0r.cloudfront.net/tti.tamu.edu/documents/0-5821-1.pdf> Discusses the visual identification of various distress types and introduces evaluation techniques using nondestructive testing (NDT).
- **Kentucky Concrete Association** (website). <http://kyconcrete.org/> Represents the ready mixed concrete industry in Kentucky. Has information, events, and links to other sources.
- **National Concrete Pavement Technology Center** (website). <http://www.cptechcenter.org/> Offers publications, webinars and research on concrete pavements.
- **Portland Cement Association** (website). <http://www.cement.org/> Covers the basics of concrete and includes technical materials, information and research.
- **Rigid Pavement Technical Assistance Resource for Local Jurisdictions** (publication). National Ready Mixed Concrete Association. 2015. A resource to facilitate the adoption of various forms of rigid pavements at the city and county level. <http://www.concretestreets.org/downloads/RigidPavementTechnicalAssistanceResource.pdf>
- **Tech Brief: Internal Curing for Concrete Pavements** (publication). FHWA-HIF-16-006. DOT FHWA. 2016. <https://www.fhwa.dot.gov/pavement/concrete/pubs/hif16006.pdf> Describes the primary concepts behind internal curing as well as aspects of practical applications, mixture design, construction, and quality control.