

OHIO DOT REQUEST FOR RESEARCH PROPOSALS FYs 2005, 2006 & 2007

The Office of Research and Development at the Ohio Department of Transportation is requesting proposals for research studies intended to begin during state fiscal years 2005, 2006, and 2007. The RFPs can be downloaded from our website, www.dot.state.oh.us/divplan/research/RFP2005_2006_2007/RFP2005_2006_2007.htm. Instructions for submitting proposals as well as formatting requirements can be obtained from this site.



Please note that *non-compliance with these guidelines is cause for the rejection of a proposal.*

All proposals should be submitted directly to the Office of Research and Development at the following address:

Office of Research and Development
ATTN: Monique R. Evans, P.E., Administrator
Ohio Department of Transportation
1980 West Broad Street, 2nd Floor
Columbus, OH 43223

Contact Information:
Phone: 614-728-6048 or 614-644-8135
Fax: 614-995-7047
Email: research@dot.state.oh.us

Proposals may also be submitted electronically to the general office email account, research@dot.state.oh.us.

The deadline for submissions is as follows:

FY 2005 Proposals 4:30 PM on Friday July 2, 2004
FY 2006 Proposals 4:30 PM on Friday August 6, 2004
FY 2007 Proposals 4:30 PM on Friday September 3, 2004

All submissions must be **received** by this time. *Absolutely, no late proposals will be accepted. No extensions or exceptions will be made to this deadline.* Proposals for research not contained on the website will not be accepted. Therefore, please do not submit unsolicited proposals as they will not be reviewed.

Please review our standard contracts/agreements to ensure that your organization can comply with all requirements prior to submitting a proposal. These documents can be found in Appendix B of the RD&T² Manual of Procedures, available on our website at www.dot.state.oh.us/divplan/research/manual/rd%20manual.htm.

For all questions concerning the technical nature of these projects or the submission or format of proposals, please contact the Office of R&D. As appropriate, the Office of R&D will post to the website noted above clarifications on projects at the end of each business day.

For a complete listing of proposed research projects for fiscal years 2005, 2006, and 2007, see the reverse side of this page.

LIST OF PROPOSED PROJECTS FOR 2005, 2006 & 2007

To download full RFPs, go to our website and click on the “Announcements” link.

Fiscal Year 2005

- PS-05-01 Crash Base Rates for Freeways in Ohio
- PS-05-02 Evaluation and Validation of Winter Maintenance Material Effectiveness
- PS-05-03 Crash Reduction Factors for Rear End Collision Strategies in Ohio
- PS-05-04 Review of ODOT’s Overlay Design Procedure
- PS-05-05 Crash Reduction Factors for Education and Enforcement Strategies in Ohio
- PS-05-07 Global Weather and Pavement Forecasting
- PS-05-08 Effectiveness of Surface Repairs on Pavement Serviceability and Life
- PS-05-09 Effectiveness of RWIS Bridge Temperature Simulators
- PS-05-10 Verification of ODOT’s Load Rating Analysis Program for Culverts
- PS-05-12 The Impacts of Transportation Compared to Other Public Investments on Economic Growth in Ohio
- PS-05-13 Continued Investigation of Polishing and Friction Characteristics of Limestone Aggregates in Ohio
- PS-05-14 Evaluation of High Absorptive Materials to Improve Internal Curing of Low Permeability Concrete
- PS-05-15 Refine AASHTO T-283 Resistance of Compacted Bituminous Mixture to Moisture Induced Damage for Superpave
- PS-05-16 Effectiveness of Multihead Breaker in Fracturing Reinforced PCC Pavements Before Overlay

Fiscal Year 2006

- PS-06-01 Development of Degradation Rates for Various Ohio Bridge Types
- PS-06-02 Effectiveness of Crack Sealing on Pavement Serviceability and Life, Phase 2
- PS-06-04 Improved Models for Life Cycle Cost Analysis
- PS-06-05 Crash Reduction Factors for Deer/Vehicle Collision Strategies in Ohio
- PS-06-06 Sonar Imaging of Flooded Subsurface Voids
- PS-06-07 A Comparison of Optical Gradation Analysis Devices to Current Test Methods
- PS-06-08 Forensic Investigation of Pavements with Extended Service Life
- PS-06-10 Enhancement of Winter Maintenance Material Ordering and Inventory
- PS-06-11 Construction and Material Constraints in Use of High Strength Concretes to Achieve Longer Pavement Life
- PS-06-12 A Simple Test Procedure for Evaluating Low Temperature Crack Resistance of Asphalt Concrete
- PS-06-13 Long Term Monitoring of Instrumented Pavements
- PS-06-14 Load Test Database for Shallow and Deep Foundations
- PS-06-16 Forces in Wingwalls from Thermal Expansion of Skewed Semi-Integral Bridges

Fiscal Year 2007

- PS-07-01 Concrete Sealers as a Preventative Maintenance Plan
- PS-07-03 Effectiveness of Chip Sealing and Microsurfacing on Pavement Serviceability and Life
- PS-07-04 Guidelines for Implementing NCHRP 1-37A M/E Design Procedures in Ohio
- PS-07-05 Shear Strength of Clay and Silt Embankments
- PS-07-06 Automated Laboratory Testing Methods for Specific Gravity and Absorption; Verified to Match the Current Methods Results
- PS-07-07 Rapid Test Methods for Determining Freeze Thaw Durability of Concrete and Concrete Aggregates Mixes
- PS-07-08 Concrete Bridge Decks Overlays as a Preventative Maintenance Plan
- PS-07-09 Measure and Improve Subgrade and Base Uniformity