

PURDUE E-PUBS and FREE ONLINE ACCESS TO TRANSPORTATION RESEARCH

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Road School, March 5, 2013

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- Scholarly Publishing Services: “white label”; less formal; e.g.,tech reports, conferences; institution-focused

PURDUE UNIVERSITY PRESS

PRE- and
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PROCEEDINGS

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SCHOLARLY PUBLISHING SERVICES

INTRODUCING JTRP

JOINT TRANSPORTATION RESEARCH PROGRAM

JTRP Transportation innovation since 1937 **CELEBRATING 75 YEARS**

JTRP RESEARCH YIELDS GOVERNOR'S AWARD

Fifteen INDOT employees were recognized by Governor Daniels for implementing the JTRP Research Recommendations from SPR-3411, "Recovering Full Repair Costs of INDOT Infrastructure Damaged by Motor Vehicle Crashes."

[More Info >>](#)

— PREVIOUS NEXT —

Mission Purdue Road School Research Projects Administration Principal Investigator Resources

RECENT REPORTS

- INDOT Technical Training Plan
- Use of Barriers in Rural Open Road Conditions—A Synthesis Study
- INDOT Construction Inspection Priorities
- Dowel Bar Retrofit Mix Design and Specification
- Evaluation of Reclaimed Asphalt Pavement for Surface Mixtures
- [More Reports >>](#)

NEWS

- JTRP Moves to New Location
- INDOT Team Receive Governor's Award for Implementing JTRP Research Recommendations
- 2012 Purdue Road School
- Students Receive USDOT Eisenhower Fellowship
- Research Implementation Featured on Fox59
- [Past News >>](#)

SPOTLIGHTS

- Digitization of JTRP Technical Reports Completed
- Recent News Articles Highlighting Traffic Signal Research Implementations
- Purdue Civil Engineering Building Named in Honor of Former JTRP Student
- Purdue Institute of Traffic Engineers Student Chapter Wins District "Traffic Bowl" and Headed to Atlanta in August for National Competition
- [More Spotlights >>](#)

JTRP: Room 303 ENAD, 400 Centennial Mall Drive, West Lafayette, IN 47907-2016 ([Click for Google Map](#))
Phone: (765) 494-6508 or Email: jtrp@purdue.edu
If you have trouble accessing this page because of a disability, please contact the Webmaster at webmaster@econ.purdue.edu

Established 1936 as a collaboration between INDOT and Purdue.

Now a \$5.3M annual investment in around 270 Purdue University students, faculty, and staff.

Goal is to improve the efficiency of the Indiana transportation system and infrastructure.

1,500 technical reports produced, about 20 new ones a year. Road School attracts 2,500 annually.



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Recovering Full Repair Costs of INDOT Infrastructure Damaged by Motor Vehicle Crashes

Grant D. Farnsworth, Purdue University

Thomas M. Brennan Jr., Purdue University

Darcy M. Bullock, Purdue University

Recommended Citation
Farnsworth, G. D., T. M. Brennan, and D. M. Bullock. *Recovering Full Repair Costs of INDOT Infrastructure Damaged by Motor Vehicle Crashes*. Publication FHWA/IN/JTRP-2011/11. Joint Transportation Research Program, Indiana Department of Transportation and Purdue University, West Lafayette, Indiana, 2011. doi: 10.5703/1288284314624.

DOI
10.5703/1288284314624

Report Number
FHWA/IN/JTRP-2011/11

Abstract
There are approximately 4,000 instances per year where state property located along Indiana Department of Transportation (INDOT) maintained right-of-way needs to be replaced or repaired.

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Election 2012: Read, Then Decide

Recovering Full Repair Costs of INDOT Infrastructure Damaged by Motor Vehicle Crashes

by Grant Farnsworth, Thomas Brennan Jr., Darcy Bullock

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Publisher: Purdue University Press
Publication date: 4/15/2011
Pages: 118
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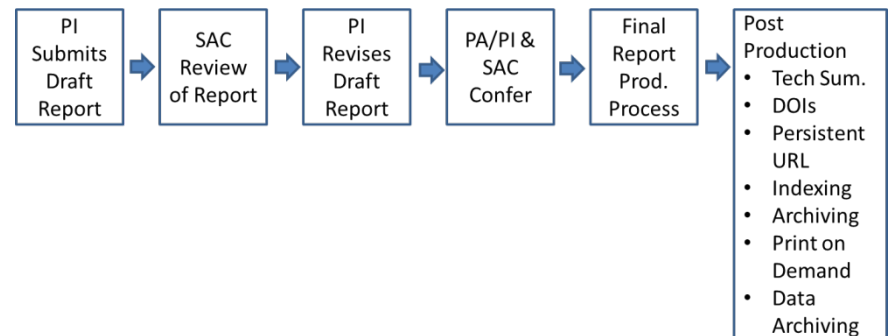
INCONSISTENT METADATA AND WORKFLOWS BROUGHT UNDER CONTROL

SENSIBLE METADATA

- Author name control project. (ORCID under consideration.)
- Filling in gaps in TRID. (Submission to other indexers in the works.)
- Dispensed with complicated controlled vocabulary in favor of author-supplied keywords and Google Scholar indexing.
- Submission to library discovery platforms including Worldcat, Primo, ProQuest Summon, and EBSCO Discovery in the works.
- Preservation in CLOCKSS and Portico in the works.

PUBLISHING WORKFLOWS

- Review process run from an in-box to ms. management system.
- Author style-guide introduced incl. downloadable EndNote style.
- Automated editing and template design using XML workflow.
- CrossRef DOIs and ISBNs assigned.



NEXT STEPS 1: PUBLISHING SOLUTIONS +

The problem: How can JTRP best communicate its research to the taxpayers that fund it?



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2011 Indiana Interstate Mobility Report: Full Version
by Stephen Ramias, Thomas Brennan, Gannon Grimmer, Edward Cox, Deborah Horton

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Overview Product Details

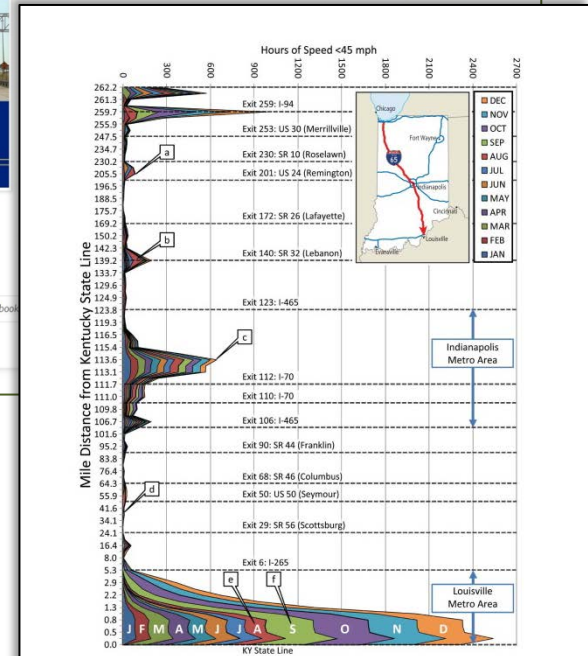


Figure 10. Location of I-65 southbound congestion hours color coded by month.

- Construction work zone associated with guardrail and under drain maintenance.
- Construction work zone associated with reconstruction near Lebanon.
- Congestion in downtown area of Indianapolis. Notice the relatively uniform magnitude of delay for each month. This is an example of recurring congestion on I-65 inside the I-465 loop.
- Rural segment with minimal congestion.
- Congestion associated with travel to Louisville during the months of June, July, and August was relatively uniform.
- On September 9, a section of I-64 was closed resulting in significant diversion of traffic from I-64 to I-65.

Links

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Article Locations

Citizen Band (CB) Radio Communication Commenting on Indiana State Police Enforcement Activity

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Recommended Citation
Hainen, A. M., S. M. Ramias, G. H. Goble, J. S. Wasson, and D. M. Bullock. Citizen Band (CB) Radio Communication Commenting on Indiana State Police Enforcement Activity. Publication . . . Indiana Department of Transportation and Purdue University, West Lafayette, Indiana, 2010.

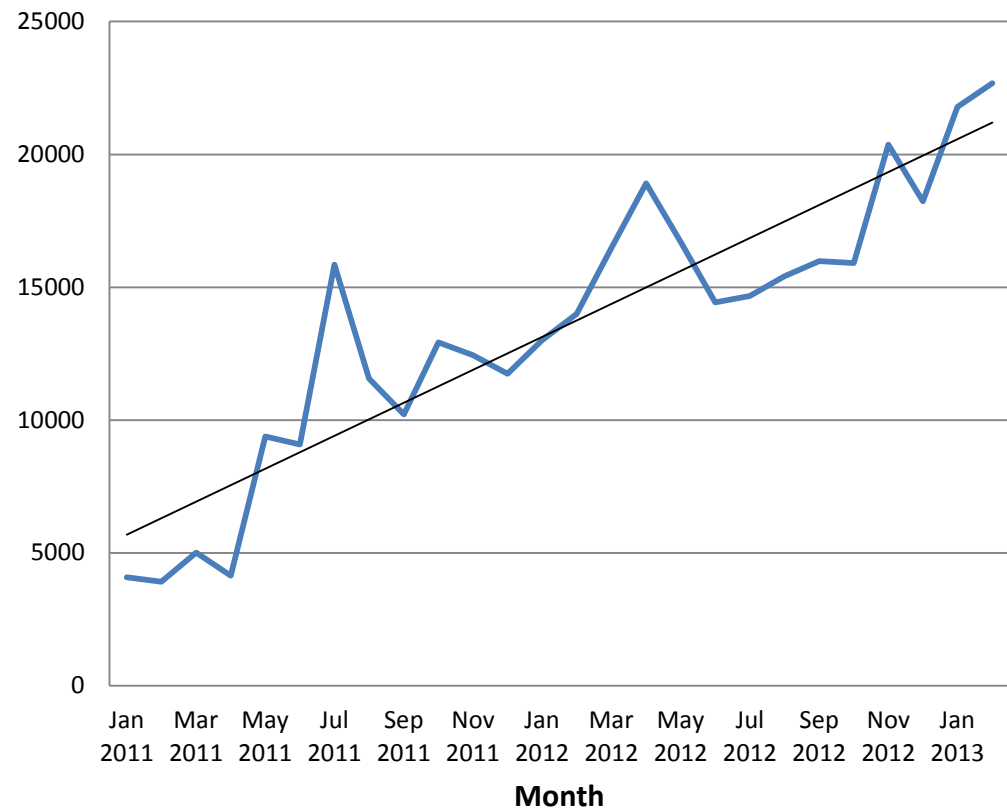
Persistent Identifier
doi:10.4231/3dzyr.1288284313124

NEXT STEPS 2: COMMUNICATING IMPACT

The problem: How can JTRP show that its funds are well-spent?

- JTRP has ca.1,750 items available in Purdue e-Pubs (out of ca. 30,000)
- In the last year, JTRP materials have been downloaded over 225,500 times
- Since the inception of the collection, JTRP materials have been downloaded over 506,000 times
- Average number of downloads per month continues to increase by ca. 10% p/m
- JTRP materials are accessed from many countries worldwide, notably India, China, South Korea, Italy, and Belgium

Figure 1. JTRP Downloads 2011 - Present



NEXT STEPS 3: EXPANDING COLLECTION

The problem: How can JTRP get credit for all the work its researchers and staff do?

Conference Proceedings



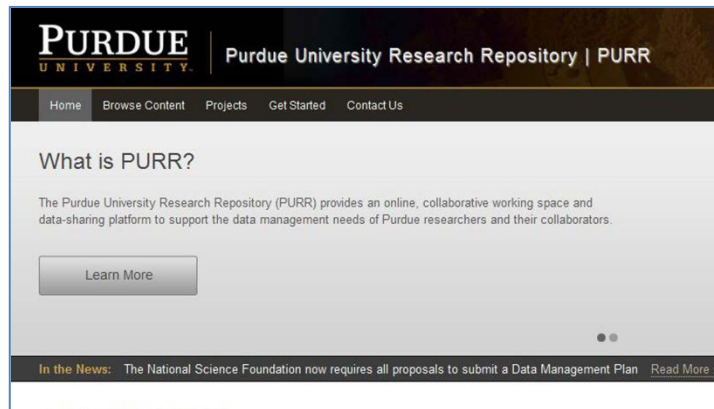
The screenshot shows the Purdue Road School website. The header includes the Purdue University logo and the title "Purdue Road School". Below the header is a navigation menu with "My Account", "About", and "Home". A search bar is present with the text "Enter search terms:" and a "Search" button. Below the search bar is a dropdown menu labeled "in this collection" and an "Advanced Search" link. The main content area features a breadcrumb trail: "Home > ENGR > CIVIL > ROADSCHOOL". The title "Purdue Road School" is followed by a paragraph of text: "In January 1913, W. K. Hatt, head of the School of Civil Engineering issued a call for a Civil Engineering Conference to cover the needs of county surveyors and city engineers. Roads and streets were heavily involved. A similar conference was held in 1914 at which a resolution was passed which called for a provision in the laws of Indiana that there be a yearly School of Good Roads. In 1915 the name of the Civil Engineering Conference was changed to the Purdue Road School." Below this is another paragraph: "The Purdue Road School consistently attracts over 2,000 Indiana local and state officials, consultants, and suppliers each year. An all-time record of 2,237 attendees was set in 2012! Important updates on pertinent transportation issues, as well as sessions on topics of general interest, are provided in the two-day conference. Road School also hosts regional meetings of several affiliated professional groups, such as the County Surveyors Association and the Indiana Chapter of the Institute of Transportation Engineers." At the bottom, there is a section titled "Browse the contents of Purdue Road School:" with links for "Purdue Road School 2012" and "Purdue Road School 2011". On the left side, there is a "Road School Sponsors" section listing "Joint Transportation Research Program (JTRP)", "Indiana LTAP", and "Indiana Department of Transportation (INDOT)". Logos for JTRP, LTAP, and the Indiana Department of Transportation are also displayed.

Post-prints



The screenshot shows the Purdue e-Pubs website. The header includes the Purdue University logo and the title "e-Pubs". Below the header is a navigation menu with "Home", "About", "FAQ", and "My Account". A search bar is present with the text "Enter search terms:" and a "Search" button. Below the search bar is a dropdown menu labeled "in this series" and an "Advanced Search" link. The main content area features a breadcrumb trail: "Home > JTRPROGRAM > JTRPOOCS". The title "JTRP OTHER PUBLICATIONS AND REPORTS" is followed by a JTRP logo. Below the logo is a section titled "Submissions from 2012" with a link to a PDF: "Implementation of Limit States and Load and Resistance Design of MSE Walls (SPR-3374), Rodrigo Salgado, Monica Prezzi, and Mir Zaher". Below this is a section titled "Submissions from 2011" with a link to a PDF: "Construction of MSE Wall Using Tire Shred-sand Mixture as Backfill (SPR-3470), Monica Prezzi and Varenia Kumar Duvvuru Mohan". Below this is a section titled "Submissions from 2009" with a link to a PDF: "Total Storm Management Manual, Indiana Department of Transportation". Below this is a section titled "Submissions from 2008". On the left side, there is a "Links for Authors" section with links for "Policies and Help", "Occum embation", and "Author Addendum". Below this is a "Links" section with links for "Purdue Libraries", "Purdue University Press", and "Journals". Below this is a "Browse" section with links for "Collections", "Disciplines", and "Authors". The Purdue University Libraries logo is also displayed.

Datasets



The screenshot shows the Purdue University Research Repository (PURR) website. The header includes the Purdue University logo and the title "Purdue University Research Repository | PURR". Below the header is a navigation menu with "Home", "Browse Content", "Projects", "Get Started", and "Contact Us". The main content area features a section titled "What is PURR?" with a paragraph of text: "The Purdue University Research Repository (PURR) provides an online, collaborative working space and data-sharing platform to support the data management needs of Purdue researchers and their collaborators." Below this is a "Learn More" button. At the bottom, there is a section titled "In the News:" with a link to "The National Science Foundation now requires all proposals to submit a Data Management Plan" and a "Read More" link.

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