Stay Current on Research in Progress

September 23, 2020
1:00-2:00 PM Eastern
Objectives

At today’s webinar, you will learn to:

• distinguish between the TRID and RIP Databases
• locate records in RIP
• view, export or print RIP records
• enter new project records into RIP
• update or delete existing records
What is the Research in Progress (RIP) Database?

RIP The Transportation Research Board’s Research in Progress (RIP) Database contains information on more than 12,000 current or recently completed transportation research projects. RIP records primarily are projects funded by the U.S. Department of Transportation and State Departments of Transportation. University transportation research also is included in the database.
### How are TRID and RIP Different?

<table>
<thead>
<tr>
<th></th>
<th>TRID</th>
<th>RIP</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type of records</strong></td>
<td>Represent publications</td>
<td>Represent projects</td>
</tr>
<tr>
<td><strong>Record creator</strong></td>
<td>Professional indexers from TRB</td>
<td>Primarily DOT or UTC staff</td>
</tr>
<tr>
<td><strong>Record permanence</strong></td>
<td>Record is permanent</td>
<td>Record updated as project progresses; Deleted when project is completed and final report is in TRID</td>
</tr>
<tr>
<td><strong>Number of records</strong></td>
<td>1.27 million+</td>
<td>12,500+</td>
</tr>
<tr>
<td><strong>Website</strong></td>
<td><a href="http://trid.trb.org">http://trid.trb.org</a></td>
<td><a href="http://rip.trb.org">http://rip.trb.org</a></td>
</tr>
<tr>
<td><strong>Contact information for individuals</strong></td>
<td>Not included</td>
<td>Included</td>
</tr>
</tbody>
</table>
Why Use RIP?

• Required for UTCs and federally funded projects
• Promote research efforts
• Prevent duplication of effort
• Connect researchers
• Identify experts for panels or committees
Many Ways to Find Records

Use:
- Simple search box to find by keyword
- Maps to search by agency or location
- Mode or Topic options
- “Add additional filters” to craft complex searches or use specific criteria
- Subscribe to have new records sent to you monthly

Demo:  [http://rip.trb.org](http://rip.trb.org)
Adding Project Records to RIP

- State DOTs, USDOT, UTCs can enter projects
- Login credentials issued upon request
- Source Agency
  - “Owner” of the record
  - Automatically entered based on login
  - Lead agency for UTC should enter projects
- Enter individual project records on data entry form or submit an electronic file of projects.
- Project records are reviewed by professional indexers
Bulk Import Tool

- Located on sidebar after you login
- Available for use by organizations with 25+ active projects
- Must conform project data to CSV output

Instructions

1. Ensure that the e-mail address and source organization below are correct before submitting a file for import. The e-mail address will be used to send an import processed notification when the import is complete. To change it, update your e-mail address on your profile. The organization listed will be used as the source organization for each project submitted. If it is incorrect, contact TRIS-TRB.

   Email address: jdaly@nas.edu  Source Organization: Transportation Research Board

2. Download one of the following two templates and populate it with your research projects. Note that both of the templates produce the same output; the Microsoft Excel template is simply formatted for easier readability. Do not modify any of the template column headings appearing in the first row, and do not add any data to columns labeled TRB use only.
   - Microsoft Excel TRB Research Project Import Template v1.0 (.xlsx)
   - Plain CSV TRB Research Project Import Template v1.0 (.csv)

3. Populate the template with your organization’s research projects. You are responsible for the content in the records and should review it for accuracy prior to submission. The following fields are required and should be completed on each line:

   For research subject to USDOT Public Access Plan requirements:
   - Title
   - Subject to Public Access Plan compliance [enter Yes]
   - Abstract
   - Contract/Grant Number 1
   - Project Status
   - Funding Amount
   - Start Date [yyyyymmdd format]
   - Expected Completion Date [yyyyymmdd format]
   - Sponsor Organization 1
   - Managing Organization 1
   - Performing Organization 1
   - USDOT Program 1

   For other research:
   - Title
   - Abstract
   - Start Date [yyyyymmdd format]
   - Sponsor Organization 1

4. After adding project data to the template, the file must be saved in CSV format. In Microsoft Excel, use the menus:
   File -> Save As. In the Save as type dropdown, choose CSV (Comma delimited) (*.csv).

5. Submit the completed file below.

   Import CSV file: [Choose File] No file chosen  [Submit]
Closing Out a Project

When a project is done:

• Change the record’s project status to Completed
• Submit a link to the final report to tris-trb@nas.edu
• When the final report is in TRID, delete the project record

**Projects that are federally funded should stay in RIP until the final report is in TRID AND 6 months after the project completion date.**

Demo: [http://rip.trb.org](http://rip.trb.org)
Expired Projects Tool

- Located on sidebar after login
- Find projects that have passed their estimated completion date and are still in Active status
- Use to ensure your projects are up-to-date
- Can search by state
- Can sort by source agency
Questions?

Janet Daly
Indexing Manager
tris-trb@nas.edu

TRID Database  http://trid.trb.org
RIP Database  http://rip.trb.org
RIP Database Demonstration

The following slides are screenshots of the information covered in the live demonstration portion of the webinar.
RIP The Transportation Research Board's Research in Progress (RIP) Database contains information on more than 14,000 current or recently completed transportation research projects. RIP records primarily are projects funded by the U.S. Department of Transportation and State Departments of Transportation. University transportation research also is included in the database.

Recent Records by Location

Find projects sponsored or performed by state DOTS

Find projects sponsored or performed by University Transportation Centers

Recent Records by Topic

Design & Construction
- Bridges & Other Structures
- Construction
- Design
- Geotechnology
- Hydraulics & Hydrology
- Materials
- Pavements

Policy & Organization
- Administration & Management
- Data & Information Technology
- Education & Training
- Finance
- History
- Law
- Policy

Subscribe

Stay informed of new research!

Receive a monthly email with new research projects in your area(s) of interest.

Select topics & subscribe
Start a search.

Please begin your search by using the Keyword field above or by entering terms in the filters pane.
Search form, 2
Welcome to the new interface for Research in Progress (RiP) data entry!

The new interface streamlines the process of entering and updating your project records. Although it looks different, the functionality and process are very similar to the former interface and thus we expect that users will easily transition to the new interface.

A demonstration on how to use the new RiP interface is available here.
<table>
<thead>
<tr>
<th>Field</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>Required field for the title of the record.</td>
</tr>
<tr>
<td>Translated Title</td>
<td>Optional field for a translated title.</td>
</tr>
<tr>
<td>Subject to Public Access</td>
<td>Optional field for subject to public access.</td>
</tr>
<tr>
<td>Record URL</td>
<td>Optional field for the record URL.</td>
</tr>
<tr>
<td>Source Agency</td>
<td>Required field for the source agency.</td>
</tr>
<tr>
<td>Source Data</td>
<td>Optional field for source data.</td>
</tr>
<tr>
<td>Abstract</td>
<td>Required field for the abstract.</td>
</tr>
<tr>
<td>Supplemental Notes</td>
<td>Optional field for supplemental notes.</td>
</tr>
<tr>
<td>Category</td>
<td>Select Option</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>Managing Organizations</td>
<td>- select -</td>
</tr>
<tr>
<td>Project Managers</td>
<td>- select -</td>
</tr>
<tr>
<td>Performing Organizations</td>
<td>- select -</td>
</tr>
<tr>
<td>Principal Investigators</td>
<td>- select -</td>
</tr>
<tr>
<td>US DOT Program</td>
<td>- select -</td>
</tr>
<tr>
<td>US DOT Sub-Program</td>
<td>- select -</td>
</tr>
<tr>
<td>Index Terms</td>
<td>- select -</td>
</tr>
<tr>
<td>Subject Areas</td>
<td>- select -</td>
</tr>
</tbody>
</table>
Stormwater Runoff Monitoring and Analysis for Aviation Mode Facilities

Abstract. Airports in North Carolina are currently considered as industrial sites for stormwater permits by the North Carolina Department of Environmental Quality (NCDEQ). This can lead to costly expenses incurred by airports to meet federally-mandated, state-administered stormwater requirements. Preliminary data collected at Wilmington International Airport (ILM) suggest that the airside of airports may, in fact, behave much more similarly to a residential Low Impact Development (LID) than an industrial facility. This is due to the disconnection of impervious surfaces (namely, the runway and taxiway), where runoff flows over large swaths of turf (or other) grass. This project proposes to examine airports located in non-sandy parts of the state (tentatively: BUY, Burlington, and INT, Smith-Reynolds in Winston-Salem), to determine if (at least a portion of) the airside of airports can be exempt from stormwater industrial permits. The assessment will be based upon hydrology (volume and peak rates) and water quality (pollutant concentrations and loads) leaving different airside land uses (ramp, taxi way, vegetated treatment areas, e.g.). The results collected herein would be compared to LID projects monitored in the Piedmont of NC and would provide NCDOT the necessary information and data to argue for a potential re-classification of airports from a stormwater permit perspective. This would, in the end, provide potentially substantial financial relief to many aviation facilities across North Carolina.

Record Type: Project

Project
Contract Numbers: FHWA/NC/2019-04
Status: Active
Funding Amount: 161408
Sponsor Organizations:
North Carolina Department of Transportation Research and Development
1549 Mail Service Center
Raleigh, NC 27699-1549 United States

Managing Organizations:
North Carolina Department of Transportation Research and Development
1549 Mail Service Center
Raleigh, NC 27699-1549 United States
Project Managers:
Kirby, John
(919) 508-1816
jkirby@ncdot.gov
Performing Organizations:
North Carolina State University, Raleigh
College of Agriculture and Life Sciences
Department of Soil Sciences, Campus Box 7619
Raleigh, NC 27695-7619 United States
Principal Investigators:
Hunt, III, William F
bill_hunt@ncsu.edu
Notice Date: --
Start Date: 2018-08-01
Expected Completion Date: 2020-07-31
Actual Completion Date: --

Media Info

Subjects/Keywords
Subject Areas: Aviation; Environment; Hydraulics and Hydrology; Terminals and Facilities
Keywords: Airports; Hydrology; North Carolina; Permits; Runoff; Water quality management

Filing Info
Accession Number: 01677401
Source Agency: North Carolina Department of Transportation Research and Development
1549 Mail Service Center
Raleigh, NC 27699-1549 United States
Files: RIP; STATEDOT
Created Date: 8/2/2018 2:47 PM
Deleting Older Projects

Only 25 most recent projects entered since 2014 are on the “My Records” page

To find and edit older records:
1. Click “See All Publications” button
2. Click title of record
3. Click Edit button to open record for changes
4. Mouse over field and click to open for changes
5. Save field after making changes

See screenshots that follow
Welcome to the Research in Progress (RiP) data entry system!
This system allows you to enter and update project records for your organization.
A demonstration on how to use the new RiP data entry interface is available here. After viewing the tutorial, please contact us as tris-trib@nas.edu if you have any questions.

### LiveEdit Home

Enter a new research project.

![Enter a new project](image)

Entering publications has not yet been enabled in the system.

![Enter a new publication](image)

### Unpublished

<table>
<thead>
<tr>
<th>Actions</th>
<th>Title</th>
<th>Type</th>
<th>Created</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edit/View</td>
<td>Delete</td>
<td>2019-06-23 11:33A</td>
<td></td>
</tr>
<tr>
<td>Edit/View</td>
<td>Delete</td>
<td>2019-06-23 11:35A</td>
<td></td>
</tr>
<tr>
<td>Edit/View</td>
<td>Delete</td>
<td>2019-06-23 11:33A</td>
<td></td>
</tr>
</tbody>
</table>

How can I edit older records?

### Published

<table>
<thead>
<tr>
<th>Actions</th>
<th>Title</th>
<th>Type</th>
<th>Created</th>
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</thead>
<tbody>
<tr>
<td>Edit/View</td>
<td>Delete</td>
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<td></td>
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<tr>
<td>Edit/View</td>
<td>Delete</td>
<td>2019-06-23 11:35A</td>
<td></td>
</tr>
<tr>
<td>Edit/View</td>
<td>Delete</td>
<td>2019-06-23 11:33A</td>
<td></td>
</tr>
</tbody>
</table>

See all projects from Transportation Research Board

See all publications from Transportation Research Board
Deleting Older Projects, 3
<table>
<thead>
<tr>
<th>ID</th>
<th>PROJECT: Legal Problems Arising out of Highway Programs, Topic 25-07. Review of Statutory and Case Law on Planning and Environmental Linkages</th>
<th>Transportation Research Board</th>
<th>$50,000</th>
<th>2020-02-10</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>PROJECT: Developing Laboratory Methods and Specifications to Test Tack Coat Materials</td>
<td>Transportation Research Board</td>
<td>$50,000</td>
<td>2020-02-01</td>
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<tr>
<td>3</td>
<td>PROJECT: Legal Problems Arising out of Highway Programs, Topic 25-05. The Legal Issues Associated with Consequential Damages Provisions in Construction Contracts</td>
<td>Transportation Research Board</td>
<td>$75,000</td>
<td>2020-01-20</td>
</tr>
<tr>
<td>4</td>
<td>PROJECT: Legal Problems Arising out of Highway Programs, Topic 25-04. Laws Governing Homeless Encampments in Transportation Rights-of-Way</td>
<td>Transportation Research Board</td>
<td>$50,000</td>
<td>2020-01-20</td>
</tr>
<tr>
<td>5</td>
<td>PROJECT: Legal Problems Arising out of Highway Programs, Topic 25-03. Managing Enhanced Risk in the Mega Project Era</td>
<td>Transportation Research Board</td>
<td>$150,000</td>
<td>2020-01-20</td>
</tr>
<tr>
<td>6</td>
<td>PROJECT: Legal Problems Arising out of Highway Programs, Topic 25-06. Legal Aspects of Best-Value Procurement for Highway Construction (Update)</td>
<td>Transportation Research Board</td>
<td>$100,000</td>
<td>2020-01-15</td>
</tr>
<tr>
<td>7</td>
<td>PROJECT: Guide for Implementing Performance Specifications</td>
<td>Transportation Research Board</td>
<td>$50,000</td>
<td>2020-01-15</td>
</tr>
<tr>
<td>8</td>
<td>PROJECT: Legal Aspects of Transit and Intermodal Transportation Programs, Topic 19-05. Legal Issues Surrounding Disasters and Evacuations</td>
<td>Transportation Research Board</td>
<td>$45,000</td>
<td>2020-01-10</td>
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<tr>
<td>9</td>
<td>PROJECT: Legal Aspects of Transit and Intermodal Transportation Programs, Topic 19-04. Transit Sponsor and Contractor Delay Damages and Remedies Due to Third Parties - Transit Facility Improvements-Common Legal Issues and Solutions</td>
<td>Transportation Research Board</td>
<td>$50,000</td>
<td>2020-01-07</td>
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<tr>
<td>10</td>
<td>PROJECT: Legal Aspects of Transit and Intermodal Transportation Programs, Topic 19-03. Understanding the Legal Aspects of Rail Station Development and Improvement Projects</td>
<td>Transportation Research Board</td>
<td>$50,000</td>
<td>2020-01-07</td>
</tr>
</tbody>
</table>

The overall durability of a pavement structure is closely tied to the retention of the desired amount of tack on the pavement layer surface during construction or rehabilitation as well as the bonding quality of the tack between pavement layers. The interlayer bond, in turn, is dependent on the quality of the tack coat material. Over the last few decades, there have been several developments in tack coat materials and their application. For example, the use of non-tracking materials and specialized application equipment have gained much attention in the pavement industry. Producers have developed various tack coat materials and often approached highway agencies for product approval, and agencies and producers have developed a range of laboratory tests to evaluate the characteristics of the tack coat materials and qualify their use. Research is needed to revisit recently developed methods and produce a specification that defines the test methods, parameters, and thresholds that are indicative of performance. The objective of this research is to produce a specification with related laboratory test methods for tack coat materials that allows prediction of their performance over a range of environments, pavement types, and construction methods. The research shall consider test methods for tack coat characteristics related to bonding, tracking, and durability. The proposed specification shall exclude tests of tack coat materials bonded to asphalt or other substrates.

Record URL: http://apps.trb.org/cmsfeed/TRBNetProjectDisplay.aspx
Get Involved with TRB

Receive emails about upcoming TRB webinars

Find upcoming conferences
http://www.trb.org/Calendar
Get Involved with TRB
#TRBwebinar

Getting involved is free!

Be a Friend of a Committee [bit.ly/TRBcommittees]
– Networking opportunities
– May provide a path to Standing Committee membership

Join a Standing Committee [bit.ly/TRBstandingcommittee]


Update your information [www.mytrb.org]
#TRBAM is going virtual!

- 100\textsuperscript{th} TRB Annual Meeting is fully virtual in January 2021
- Follow online using #TRBAM
- Check our website for more information
TRB turns 100 on November 11, 2020

Help TRB:
- Promote the value of transportation research;
- Recognize, honor, and celebrate the TRB community; and
- Highlight 100 years of accomplishments.

Learn more at
www.TRB.org/Centennial
#TRB100

MOVING IDEAS: ADVANCING SOCIETY—100 YEARS OF TRANSPORTATION RESEARCH