

CENTER FOR TRANSPORTATION RESEARCH



About the Research Library

TxDOT Project 0-9902-17 / Interagency Cooperation Contract #15437, "RTI Research Library," establishes that the Center for Transportation Research will operate and maintain collections and library services that support TxDOT's mission and provide public access to unclassified research. The library functions as the primary repository and information hub for the Research and Technology Implementation Division's (RTI) Cooperative Research Program. Duties include, but are not limited to:

Service

- Provide literature searches.
- Deliver articles and papers.
- Lend publications.
- Send publication alerts.
- Collaborate with national groups.

Dissemination

- Distribute research deliverables.
- Manage online public catalog.
- Host PDFs online.
- Publish monthly digest.
- Provide email and RSS alerts.

Archiving

- collections.

Print and Electronic Collections

The library helps ensure that TxDOT research remains available in both print and electronic formats, and continues to digitize legacy print materials, guard against link rot, and provide access worldwide. The library catalog provides links to free online versions of approximately 67% of the 28,000 titles in the library's collection.





017 with a total of **154,500 page views**. Hosted PDFs have been downloaded directly from Google searches at an average rate of **14,000 downloads per month**.

Many seminal reports and important reference publications are not readily available online or may disappear in the near future. The reasons why online access to publications is not guaranteed include:

- DOT and university research publications experience a high incidence of link rot.
- Copyright often prohibits digitization and posting online.
- Poor quality scans may require print versions to be consulted.
- Access may be buried in the "deep web" and not easily found.
- New digital publications may be held behind cost prohibitive paywalls.



What Is "Link Rot"?

Link rot occurs when a resource previously located at a specific hyperlink vanishes and is not redirected to an updated location. In the past 3 years, the library has discovered an average link rot rate of 81 links lost in our digital collection per month. We search for alternative sources when available.

- Projects lose funding, delete websites.
- Websites are updated, old content not preserved.
- Publisher moves items behind a paywall.
- Publisher revokes access to outdated versions
- secondary web pages

Expanding Access to & Discovery of Research Information

Presenters: Michael Nugent (Library Technical Associate / Reference Librarian), Kevyn Barnes (Manager of Library Services) Project Manager: Michael R. Murphy, P.E.; TxDOT Project Manager: Renee Suaste, RTI

2019 Improved Online Services

Digitize legacy reports.

• Reduce duplication of effort.

Onboard TxDOT employees.

Inform knowledge networks.

• Preserve TxDOT retiree

 Automated archiving tools do not crawl sites deeply enough to pick up PDFs and It now takes **minimal effort** to stay informed about research in your area of interest:

1. "Global Alerts" subscriptions allow registered users to receive periodic email notifications when the library curates materials on popular topics.

Select: All None				
Alert Name	Description	RSS Feed Refreshed	RSS S	ubscribed
All New Library Items, including historic	Any publication cataloged at the Library within the past 30 days. This includes both new publications as well as old reports that were donated. Emails sent once a month.	3/13/2019 10:28 AM CDT		8
All TxDOT Research Published (new)	New publications from research funded through the TxDOT Cooperative Research Program. Email alerts sent once per month.	3/18/2019 4:20 PM CDT		•
Bridges: Texas-related publications	Bridge-related information, specific to Texas. Email alerts sent monthly.	3/18/2019 4:13 PM CDT	1	
Pavements: Texas-related publications	Pavement-related information, specific to Texas, Email alerts sent monthly,	3/18/2019 4:38 PM CDT		11
Safety: Texas-related publications	Highway safety publications, specific to Texas. Email alerts sent monthly.	3/18/2019 5:14 PM CDT	0	10
TRR OnlineFirst, Texas- related papers	The 2019 "Online First TRR" Table-of-Contents is updated anytime Sage adds a new TRR paper that is by a Texas author or specific to Texas. Email alerts sent on Mondays if any papers have been added.	3/18/2019 4:42 PM CDT		
TxDOT, RTI-funded research projects	New research projects activated and funded through the TxDOT Cooperative Research Program. Email alerts are sent once a month if projects have been added. Typically only twice a year.	3/18/2019 5:16 PM CDT		0

on their individual or departmental interests.

anage My Alerts					?	Manage Saved Searches		
erts may be used to notify you of events that occur, w Select: <u>All</u> <u>None</u>	nen the event occurs or at a scheduled time.				+ Create New Alert	Saved Searches retain the query for valid searches, which can be loaded and r Select: <u>All None</u>	e-executed whenever the user wishes.	
Alert Name	Туре	RSS	Email	Date Modified		Name	Type Description	Run Saved Search Link
Autonomous Vehicles	Scheduled	3		3/27/2019 8:41 AM CDT		active TxDOT projects, work zones	Private	Run Saved Search
	Scheduled	3		3/27/2019 8:49 AM CDT		Ports of entry/International trade	Private	Run Saved Search
drones/uas	Serreduced							
drones/uas new txdot projects, bridges	Scheduled			3/27/2019 8:47 AM CDT		texas: overweight/oversize/heavy load trucks	n Private	Run Saved Search

Contact the library for assistance in creating or improving your customized email alerts.



Do you search each DOT website individually or weed through hundreds of unfiltered search engine results?

 The "Search all State DOTs" Google Custom Search Engine provides fast answers by limiting results to information on state DOT websites.



 Soon you will be able to search the full-text of select TxDOT reports using our "Search Inside Reports" custom search engine.



https://library.ctr.utexas.edu/catalog



2. Registered users can also save their own searches for future visits or create specialized email alerts and RSS feeds based



*Mobile emulator images from Mobile Moxie and MobileTest.me.

research projects.

TxDOT RTI Research Projects Map



- Accept donations of published materials from TxDOT Divisions / Districts.
- Perform literature searches on specific topics.
- Obtain information from peer state departments of transportation.
- Retrieve and send copies of technical reports, journal articles, and other items.
- Provide orientation and instruction on information retrieval and research.







Active RTI Research Projects

RTI and the Research Library work together to provide a publicly-accessible database of current and archived research project information. There are multiple ways to find project information in the library's catalog. RTI also offers an interactive map for finding

https://maps.dot.state.tx.us/ORG/RTI/ResearchProjectsMap/



Contact the Library

The Library is pleased to answer your questions. We can:



26	
exas.edu	

Instant	Messaging

An Instant Messaging option is on every page of the catalog.





3925 W. Braker Lane Suite 4.913 Austin, Texas 78759