

Using the Transportation Research Thesaurus

Transportation Librarians Roundtable
February 14, 2008
Rita Evans and Seyem Petrites
Institute of Transportation Studies
Library
University of California, Berkeley



How ITS Library Uses the TRT

- Supplement LC Subject Headings
- Initiate searches in TRIS Online and TRB databases
- Index journal articles, reports and TRB Annual Meeting papers for TRIS

TRT from TRB's Homepage...

Transportation Research Board -- Homepage - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

TRB TRANSPORTATION RESEARCH BOARD
OF THE NATIONAL ACADEMIES

About TRB | Annual Meeting | Calendar | Committees & Panels | News | Programs | Publications | Resources & Databases | Contact TRB | Search TRB

Recent Publications

- 2/13 - Strategic Highway Research Program 2 Quarterly Report: January 2007
- 2/13 - Human Performance, User Information, Simulation, and Visualization
- 2/12 - Emerging Technologies for Construction Delivery
- 2/11 - Sustainability, Energy, and Alternative Fuels 2007
- 2/8 - Geology and Properties of Earth Materials 2007
- 2/7 - Synthesis of Information Related to Airport Practices
- 2/6 - Concrete Materials 2007
- 2/5 - Compilation of Airport Law Resources
- 2/4 - Activity and Time Use Analysis 2007
- 2/4 - Transportation Security: A Summary of Transportation Research
- >> More

TRB News

- 2/8 - Upcoming TRB Webinar - Fast Lanes on the Transportation Information Highway for Efficient, Comprehensive Internet Research
- 2/4 - Nominations Sought for 2008 Communication Awards
- 2/1 - 2008 TRB 87th Annual Meeting: Select Sessions Now Available in Electronic Format
- 1/31 - Data Analysis Working Group Forum on Pavement Performance Data Analysis
- 1/30 - 2nd Freeway and Tollway Operations Conference
- >> More... [View Current E-Newsletter]

Resources & Databases

- E-Sessions (Conference Recordings)
- Research in Progress (RiP)
- Research Needs Database (RND)
- [Transportation Research Information Services \(TRIS\) Online](#)
- Transportation Research Thesaurus (TRT)
- Transportation Security
- Online Directory
- WebBoard
- Library

Bookstore

- HIGHWAY CAPACITY MANUAL**
Highway Capacity Manual 2000
- ACCESS MANAGEMENT**
Access Management Manual

...or from NTL's Homepage

RITA | National Transportation Library - Mozilla Firefox

U.S. Department of Transportation | Research and Innovative Technology Administration
National Transportation Library

Search ABOUT RITA | CONTACT US | PRESS ROOM | CAREERS | SITE MAP

Updated 08:05 AM EST, February 04, 2008

Welcome to the National Transportation Library

NTL Integrated Search

Go!

Networking Activities

- Regional Transportation Knowledge Networks
- Transportation Librarians Roundtable
- Custom Google Transportation Related Searches
- TRB Special Report 284: Transportation knowledge networks : a management strategy for the 21st century

[More >>](#)

Information Resources and Tools

- Sources of Transportation Information - topical bibliographies
- Transportation Dictionaries
- Legislative and Regulatory Resources
- Transportation directories
 - Libraries
 - Associations
 - State DOTs
- Transportation Statistics

[More >>](#)

Quick Links

- [NTL Integrated Search](#)
- [TRISOnline](#)
- [TLCat](#)
- [Transportation Research Thesaurus](#)
- [Search/Browse our FAQs](#)
- [Rural and Agricultural Transportation Resources](#)

Spotlights

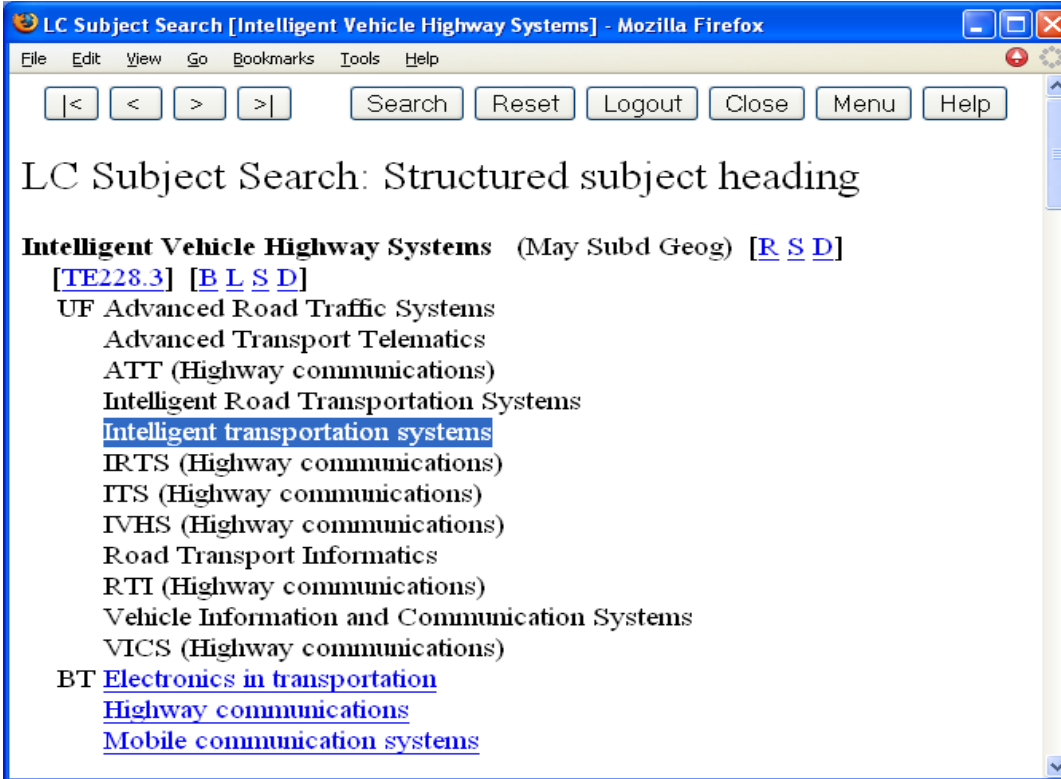
Sources of Information in Transportation: Inland Water is now available.
[View >>](#)



TRT to supplement LC headings

- LC lags in adopting terminology
- TRT reflects actual usage
- TRT contain more specific terminology

LC Subject Headings may be outdated



The screenshot shows a Mozilla Firefox browser window titled "LC Subject Search [Intelligent Vehicle Highway Systems] - Mozilla Firefox". The browser's address bar and menu bar are visible. Below the browser window, the search results are displayed. The main heading is "LC Subject Search: Structured subject heading". The search results are organized into two main categories: "UF" (Unfiled) and "BT" (Broader Term). The "UF" category includes "Intelligent Vehicle Highway Systems (May Subd Geog)" with links for [R], [S], and [D]. Below this, there is a list of related terms, including "UF Advanced Road Traffic Systems" and "Intelligent Road Transportation Systems". The "BT" category includes "BT Electronics in transportation" and "Highway communications".

LC Subject Search: Structured subject heading

Intelligent Vehicle Highway Systems (May Subd Geog) [[R](#)] [[S](#)] [[D](#)]
[[TE228.3](#)] [[B](#)] [[L](#)] [[S](#)] [[D](#)]

UF Advanced Road Traffic Systems
Advanced Transport Telematics
ATT (Highway communications)
Intelligent Road Transportation Systems
[Intelligent transportation systems](#)
IRTS (Highway communications)
ITS (Highway communications)
IVHS (Highway communications)
Road Transport Informatics
RTI (Highway communications)
Vehicle Information and Communication Systems
VICS (Highway communications)

BT [Electronics in transportation](#)
[Highway communications](#)
[Mobile communication systems](#)

Put LCSH into TRT to find term

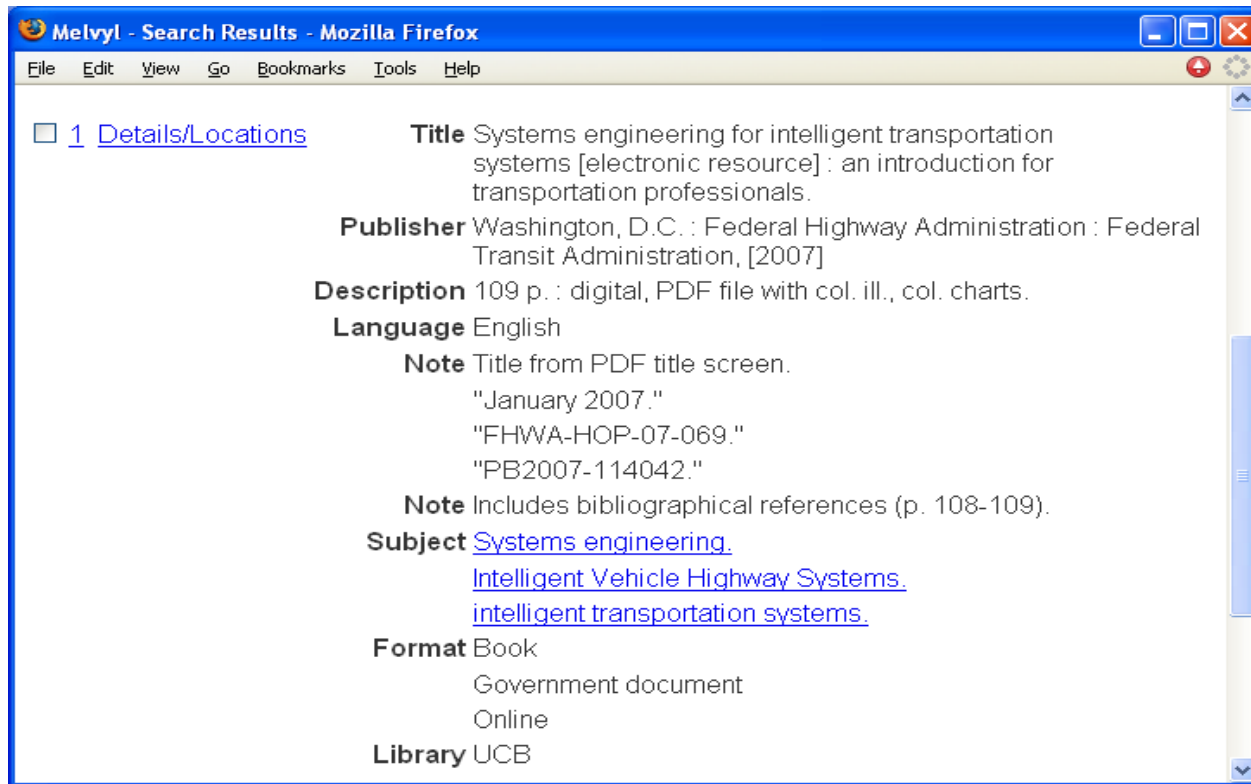
The screenshot shows the Transportation Research Thesaurus (TRT) website in a Mozilla Firefox browser window. The browser title is "Transportation Research Thesaurus (TRT) - Mozilla Firefox". The website header includes the TRB logo and the text "TRANSPORTATION RESEARCH BOARD OF THE NATIONAL ACADEMIES". A navigation menu contains links for "About TRB", "Annual Meeting", "Calendar", "Committees & Panels", "News", "Programs", "Publications", "Resources & Databases", "Contact TRB", and "Search TRB".

The main content area is titled "TRT" and "Hierarchical View". It features a search bar with the text "TRT Keywords: intelligent vehicle highway systems" and a "Search" button. Below the search bar, there are links for "Display Hierarchical", "Alphabetical", "KWOC", and "KWIC". The search results section is titled "Search Results" and shows "Number of terms found: 1". The result is "Intelligent vehicle highway systems USE [Intelligent transportation systems \(Dtv\)](#)".

On the left side of the page, there is a sidebar with links: "TRT Home", "About the TRT", "Search Help", "Hierarchical View", "Alphabetical View", "KWOC View", "KWIC View", "Glossary", "Download", and "Suggest TRT Terms".

The browser's status bar at the bottom shows "Find: " followed by a search input field and buttons for "Find Next", "Find Previous", "Highlight", and "Match case".

Catalog record can include both LCSH and TRT



Melvyl - Search Results - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

1 [Details/Locations](#)

Title Systems engineering for intelligent transportation systems [electronic resource] : an introduction for transportation professionals.

Publisher Washington, D.C. : Federal Highway Administration : Federal Transit Administration, [2007]

Description 109 p. : digital, PDF file with col. ill., col. charts.

Language English

Note Title from PDF title screen.
"January 2007."
"FHWA-HOP-07-069."
"PB2007-114042."

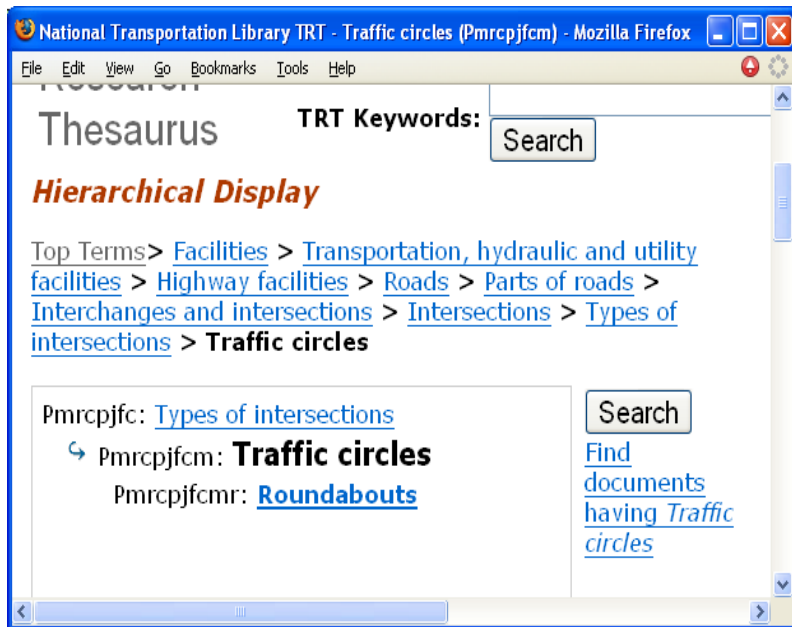
Note Includes bibliographical references (p. 108-109).

Subject [Systems engineering.](#)
[Intelligent Vehicle Highway Systems.](#)
[intelligent transportation systems.](#)

Format Book
Government document
Online

Library UCB

More specific terms



National Transportation Library TRT - Traffic circles (Pmrcpjfc) - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

Thesaurus TRT Keywords: Search

Hierarchical Display

Top Terms > [Facilities](#) > [Transportation, hydraulic and utility facilities](#) > [Highway facilities](#) > [Roads](#) > [Parts of roads](#) > [Interchanges and intersections](#) > [Intersections](#) > [Types of intersections](#) > **Traffic circles**

Pmrcpjfc: [Types of intersections](#) Search

↳ Pmrcpjfc: **Traffic circles**

Pmrcpjfcmr: [Roundabouts](#)

[Find documents having Traffic circles](#)



Melvyl - Search Results - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

[6 Details/Locations](#)

Title Reconsidering roundabouts : this proven safety solution reduces the number and severity of intersection crashes and is gaining popularity in California and across the U.S.

Source Tech transfer. (Winter 2006), p. 4-6.

Language English

Subject [Traffic circles -- United States.](#)
[Traffic flow -- United States.](#)
[Roads -- United States -- Interchanges and intersections.](#)
[roundabouts.](#)

Format Analytics

Library UCB

Structured LC headings and TRT term



Melvyl - Full View of Record - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

Title Prefabricated bridge elements and systems in Japan and Europe / prepared by the International Scanning Study Team.

Publisher [Washington, D.C. : FHWA Office of International Programs, 2005]

Description xiv, 48 p. : ill. ; 28 cm.

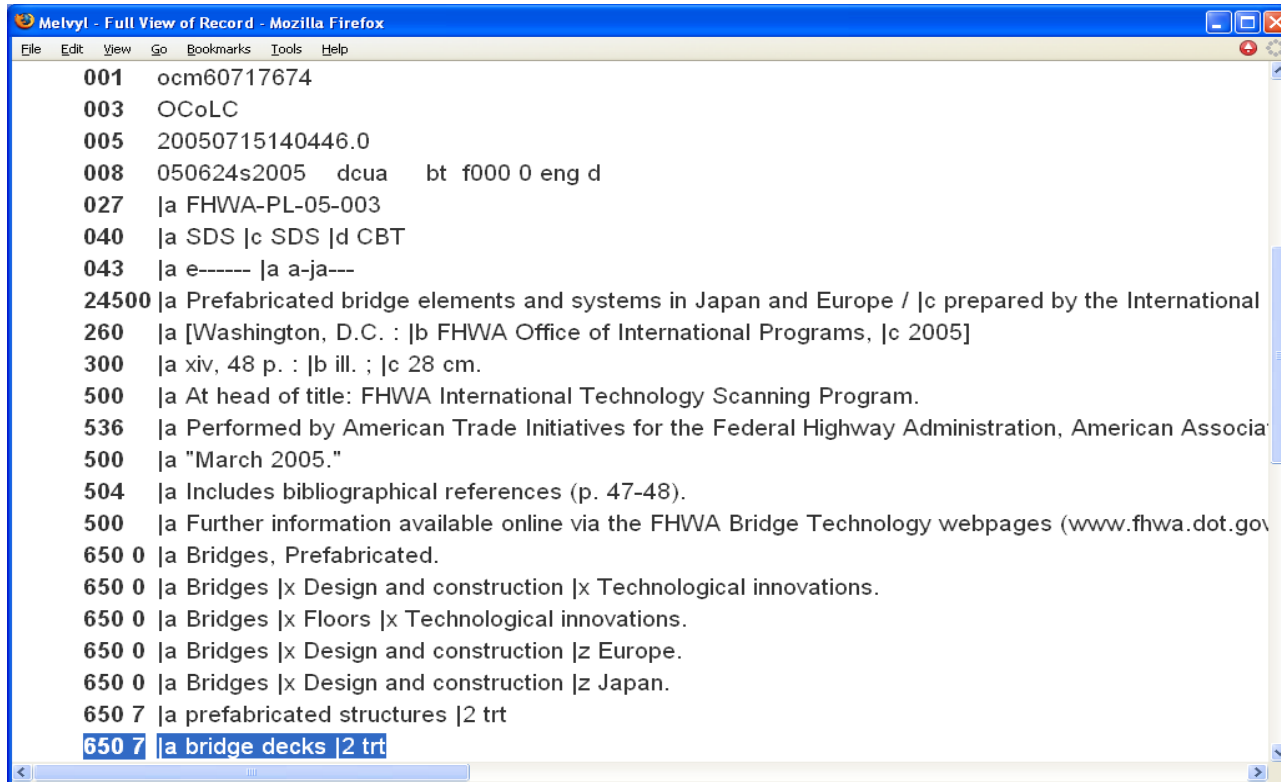
Note At head of title: FHWA International Technology Scanning Program. "March 2005."
Further information available online via the FHWA **Bridge** Technology webpages (www.fhwa.dot.gov/bridge).

Note Includes bibliographical references (p. 47-48).

Language English

Subject [Bridges, Prefabricated.](#)
[Bridges -- Design and construction -- Technological innovations.](#)
[Bridges -- Floors -- Technological innovations.](#)
[Bridges -- Design and construction -- Europe.](#)
[Bridges -- Design and construction -- Japan.](#)
[prefabricated structures](#)
[bridge decks](#)

MARC record showing TRT term



Melvyl - Full View of Record - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

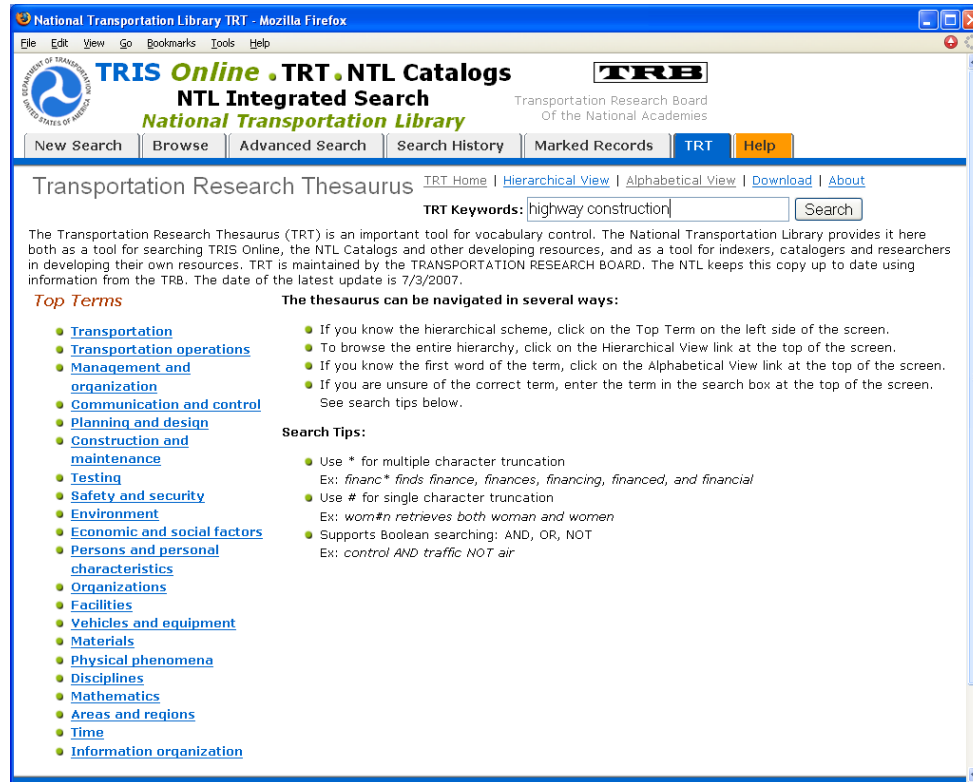
001 ocm60717674
003 OCoLC
005 20050715140446.0
008 050624s2005 dcua bt f000 0 eng d
027 |a FHWA-PL-05-003
040 |a SDS |c SDS |d CBT
043 |a e----- |a a-ja---
24500 |a Prefabricated bridge elements and systems in Japan and Europe / |c prepared by the International
260 |a [Washington, D.C. : |b FHWA Office of International Programs, |c 2005]
300 |a xiv, 48 p. : |b ill. ; |c 28 cm.
500 |a At head of title: FHWA International Technology Scanning Program.
536 |a Performed by American Trade Initiatives for the Federal Highway Administration, American Association
500 |a "March 2005."
504 |a Includes bibliographical references (p. 47-48).
500 |a Further information available online via the FHWA Bridge Technology webpages (www.fhwa.dot.gov)
650 0 |a Bridges, Prefabricated.
650 0 |a Bridges |x Design and construction |x Technological innovations.
650 0 |a Bridges |x Floors |x Technological innovations.
650 0 |a Bridges |x Design and construction |z Europe.
650 0 |a Bridges |x Design and construction |z Japan.
650 7 |a prefabricated structures |2 trt
650 7 |a bridge decks |2 trt



Using the TRT to search

- From NTL's website, search TRIS Online
- From TRB's website, search RiP, RNS or TRB Publications Index

Looking for *highway construction*



The screenshot shows a web browser window titled "National Transportation Library TRT - Mozilla Firefox". The page header includes the Department of Transportation logo, the text "TRIS Online . TRT . NTL Catalogs", and the "National Transportation Library" logo. Below the header is a navigation menu with options: "New Search", "Browse", "Advanced Search", "Search History", "Marked Records", "TRT", and "Help". The main content area is titled "Transportation Research Thesaurus" and features a search box with the text "highway construction" and a "Search" button. Below the search box, there is a paragraph describing the TRT and its purpose. To the left, under "Top Terms", there is a list of 20 categories with blue underlined links. To the right, under "The thesaurus can be navigated in several ways:", there are three bullet points. Below that, under "Search Tips:", there are three bullet points with examples.

Transportation Research Thesaurus [TRT Home](#) | [Hierarchical View](#) | [Alphabetical View](#) | [Download](#) | [About](#)

TRT Keywords:

The Transportation Research Thesaurus (TRT) is an important tool for vocabulary control. The National Transportation Library provides it here both as a tool for searching TRIS Online, the NTL Catalogs and other developing resources, and as a tool for indexers, catalogers and researchers in developing their own resources. TRT is maintained by the TRANSPORTATION RESEARCH BOARD. The NTL keeps this copy up to date using information from the TRB. The date of the latest update is 7/3/2007.

Top Terms

- [Transportation](#)
- [Transportation operations](#)
- [Management and organization](#)
- [Communication and control](#)
- [Planning and design](#)
- [Construction and maintenance](#)
- [Testing](#)
- [Safety and security](#)
- [Environment](#)
- [Economic and social factors](#)
- [Persons and personal characteristics](#)
- [Organizations](#)
- [Facilities](#)
- [Vehicles and equipment](#)
- [Materials](#)
- [Physical phenomena](#)
- [Disciplines](#)
- [Mathematics](#)
- [Areas and regions](#)
- [Time](#)
- [Information organization](#)

The thesaurus can be navigated in several ways:

- If you know the hierarchical scheme, click on the Top Term on the left side of the screen.
- To browse the entire hierarchy, click on the Hierarchical View link at the top of the screen.
- If you know the first word of the term, click on the Alphabetical View link at the top of the screen.
- If you are unsure of the correct term, enter the term in the search box at the top of the screen. See search tips below.

Search Tips:

- Use * for multiple character truncation
Ex: *financ** finds *finance, finances, financing, financial, and financial*
- Use # for single character truncation
Ex: *wom#n* retrieves *both woman and women*
- Supports Boolean searching: AND, OR, NOT
Ex: *control AND traffic NOT air*

Identifying TRT term

National Transportation Library TRT - Mozilla Firefox

File Edit View Go Bookmarks Tools Help

TRIS Online . TRT . NTL Catalogs
NTL Integrated Search
National Transportation Library

Transportation Research Board
Of the National Academies

New Search Browse Advanced Search Search History Marked Records **TRT** Help

Transportation Research Thesaurus [TRT Home](#) | [Hierarchical View](#) | [Alphabetical View](#) | [Download](#) | [About](#)

TRT Keywords:

The Transportation Research Thesaurus (TRT) is an important tool for vocabulary control. The National Transportation Library provides it here both as a tool for searching TRIS Online, the NTL Catalogs and other developing resources, and as a tool for indexers, catalogers and researchers in developing their own resources. TRT is maintained by the TRANSPORTATION RESEARCH BOARD. The NTL keeps this copy up to date using information from the TRB. The date of the latest update is 7/3/2007.

Top Terms

- [Transportation](#)
- [Transportation operations](#)
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- [Construction and maintenance](#)
- [Testing](#)
- [Safety and security](#)
- [Environment](#)
- [Economic and social factors](#)
- [Persons and personal characteristics](#)
- [Organizations](#)
- [Facilities](#)
- [Vehicles and equipment](#)
- [Materials](#)
- [Physical phenomena](#)

You are searching for: highway construction
Each search result is shown below its higher level term.

Unused Terms:

- [Construction of specific facilities \(Fcf\)](#)
- ↪ Highway construction --> [Road construction \(Fcff\)](#)

Hierarchical display – can lead to TRIS Online search

The screenshot shows a web browser window titled "National Transportation Library TRT - Road construction (Fcff) - Mozilla Firefox". The page header includes the Department of Transportation logo, "TRIS Online . TRT . NTL Catalogs", and the Transportation Research Board logo. Navigation tabs include "New Search", "Browse", "Advanced Search", "Search History", "Marked Records", "TRT", and "Help".

The main content area is titled "Transportation Research Thesaurus" and includes a search bar with the text "TRT Keywords:" and a "Search" button. Below the search bar, the breadcrumb path is: "Top Terms > Construction and maintenance > Construction > Construction of specific facilities > Road construction".

The hierarchical display shows the following structure:

- Fcf: [Construction of specific facilities](#)
 - Fcff: **Road construction**
 - Fcffj: [Pavement grooving](#)
 - Fcffn: [Pavement widening](#)
 - Fcffp: [Paving](#)
 - Fcffr: [Seal coating](#)
 - Fcffs: [Striping](#)

On the right side of the page, there is a "Search" button and a link: "Find documents having Road construction". Below this, the "Use For:" section lists "Highway construction". The "Broader Term:" section lists "Fcf: [Construction of specific facilities](#)". The "Related Terms:" section lists several terms: "Fcfh: [Water control](#)", "Fcfm: [Landscaping](#)", "Fcfn: [Pipe laying](#)", "Fcfp: [Railroad construction](#)", and "Fcfx: [Excavation and tunneling](#)".

Search results from TRIS Online

The screenshot shows a web browser window titled "National Transportation Library - Search Result - Mozilla Firefox". The page header includes the NTL logo, the text "TRIS Online . TRT . NTL Catalogs", and "NTL Integrated Search National Transportation Library". It also features the TRB logo and the text "Transportation Research Board Of the National Academies". A navigation bar contains buttons for "New Search", "Browse", "Advanced Search", "Search History", "Marked Records", "TRT", and "Help".

The main content area is titled "Search Result" and displays the following information:

- Records 1 - 10 of 5057 for ht:"road construction"
- In database [All](#) | [NTL Catalog](#) | ([NTL Digital Repository](#) | [Other Transportation Web Sites](#)) | [TRIS Online](#)
- Sorted by [Year](#) | [Relevance](#)

Below this information is a search control section with a "Page:" label, a "Previous" button, a "Next" button, a "Record:" label with a text input field containing "1", a "Jump To" button, and a "Show" label with links for "Detail", "10/Page", "25/Page", "50/Page", and "Printable View".

There are three buttons: "Mark All Records", "Clear Marks", and "View Marked Records".

The search results list two entries, each with a checkbox:

- Alternative Project Delivery Systems: Applications and Legal Limits in Transportation Projects**
AN: [01087888](#)
Authors: Ghavamifar, Kamran; Touran, Ali
Journal: Journal of Professional Issues in Engineering Education and Practice, Vol. 134 No. 1
Corp. Authors/Publisher: American Society of Civil Engineers
Year: 2008
Database: TRIS Online
- Reconciliation of Owner and Contractor Views in Heavy Construction Projects**
AN: [01084660](#)
Authors: Serag, Engy; Oloufa, Amr A; Malone, Linda
Journal: Journal of Professional Issues in Engineering Education and Practice, Vol. 134 No. 1
Corp. Authors/Publisher: American Society of Civil Engineers
Year: 2008
Database: TRIS Online

Using TRT from TRB's website

The screenshot shows a Mozilla Firefox browser window displaying the Transportation Research Thesaurus (TRT) website. The browser title is "Transportation Research Thesaurus (TRT) - Mozilla Firefox". The website header includes the TRB logo and the text "TRANSPORTATION RESEARCH BOARD OF THE NATIONAL ACADEMIES". A navigation menu contains links for "About TRB", "Annual Meeting", "Calendar", "Committees & Panels", "News", "Programs", "Publications", "Resources & Databases", "Contact TRB", and "Search TRB".

The main content area is titled "Transportation Research Thesaurus (TRT)". On the left side, there is a sidebar with the following links: "TRT Home", "About the TRT", "Search Help", "Hierarchical View", "Alphabetical View", "KWOC View", "KWIC View", "Glossary", "Download", "Suggest TRT Terms", and "Download".

The main content area features a search bar with the text "TRT Keywords: homeland security" and a "Search" button. Below the search bar, there is a paragraph explaining the TRT: "The Transportation Research Thesaurus (TRT) is a tool to improve the indexing and retrieval of transportation information. The thesaurus covers all modes and aspects of transportation. The TRT's purpose is to provide a common and consistent language between producers and users of transportation information." Below this paragraph, it states: "The TRT Web page allows for searching and browsing the thesaurus in various formats. Click on a thesaurus term to retrieve the 'family' relationships (broader, narrower, and related terms). Click on the terms alpha code to retrieve the hierarchical display for the word."

On the right side of the main content area, there is a "Newest Terms" section with a list of terms and their alpha codes: "Ship conversion (Fcvsc)", "Traffic signal indications (Dcmthcsm)", "Tire/pavement noise (Jfnett)", "Kiln dust (Rbmdufk)", "Booster seats (Qpgrycb)", "Speed zones (Crfrtr)", "Criminal justice (Csiib)", "Forms (Documents) (Xxu)", "Text messaging (Dsmbt)", and "Aeroelasticity (Smbkb)".

At the bottom of the main content area, there is a list of alpha codes and their corresponding categories:

- A:** Transportation
- B:** Transportation operations
- C:** Management and organization
- D:** Communication and control
- E:** Planning and design
- F:** Construction and maintenance
- G:** Testing
- H:** Safety and security
- J:** Environment
- K:** Economic and social factors
- M:** Persons and personal characteristics
- N:** Organizations
- P:** Facilities
- Q:** Vehicles and equipment
- R:** Materials
- S:** Physical phenomena
- T:** Disciplines
- U:** Mathematics
- V:** Areas and regions
- W:** Time
- X:** Information organization

Hierarchical view of TRT term



The screenshot shows a Mozilla Firefox browser window displaying the Transportation Research Thesaurus (TRT) website. The page title is "Transportation Research Thesaurus (TRT) - Mozilla Firefox". The website header includes the TRB logo and the text "TRANSPORTATION RESEARCH BOARD OF THE NATIONAL ACADEMIES". A navigation menu contains links for "About TRB", "Annual Meeting", "Calendar", "Committees & Panels", "News", "Programs", "Publications", "Resources & Databases", and "Contact TRB".

The main content area is titled "TRT" and features a "Hierarchical View" section. On the left, there is a sidebar with links: "TRT Home", "About the TRT", "Search Help", "Hierarchical View", "Alphabetical View", "KWOC View", "KWIC View", "Glossary", "Download", and "Suggest TRT Terms".

The "Hierarchical View" section includes a search bar with the text "TRT Keywords: homeland security" and a "Search" button. Below the search bar, it says "Display Hierarchical | Alphabetical | KWOC | KWIC". The search results are displayed as "Search Results" with "Number of terms found: 1". The single result is "Homeland security USE National security (Hsw)".

Find TRB Publications using TRT term

The screenshot shows a Mozilla Firefox browser window displaying the Transportation Research Thesaurus (TRT) website. The browser title is "Transportation Research Thesaurus (TRT) - Mozilla Firefox". The website header includes the TRB logo and the text "TRANSPORTATION RESEARCH BOARD OF THE NATIONAL ACADEMIES". A navigation menu contains links for "About TRB", "Annual Meeting", "Calendar", "Committees & Panels", "News", "Programs", "Publications", "Resources & Databases", and "Contact TRB".

The main content area is titled "TRT" and is divided into two columns. The left column contains a list of links: "TRT Home", "Search Help", "Hierarchical View", "Alphabetical View", "KWOC View", "KWIC View", "Glossary", and "Download". The right column is titled "Term Details" and features a search box labeled "TRT Keywords:" with a "Search" button. Below the search box is a breadcrumb trail: "Top Terms > Safety and security > Security > National security".

The term "National security (Hsw)" is highlighted. Below it, the "Use For" section lists "Homeland security". The "Broader Term" is "Security (Hs)". The "Narrower Terms" are "National defense (Hswd)" and "Defense (Hswe)". The "Related Terms (Hierarchical)" include "Prevention (Hsa)", "Protection (Hsb)", "Security checkpoints (Hsc)", "Freight security (Hsf)", "Passenger security (Hsp)", and "False alarms (Security) (Hsu)".

A search box on the right side of the page contains the text: "Search for term in TRB Publications Index, Research in Progress, TRB E-Newsletter Items".

Results from TRB Publications search

TRB Publications Index - Mozilla Firefox

TRANSPORTATION RESEARCH BOARD
OF THE NATIONAL ACADEMIES

Home
Search Help
Advanced Search
Recent Records
Research in Progress
TRI
TRIS Online

Search Results

You searched for records on and a *TRT term* of **National security** (Hsw). Showing records 1 to 19 of 19 found.
You can [modify your query](#) using the advanced search.

Pages: [1]

Select: [All](#), [None](#) Actions: [Full View](#) [Brief View](#) [Save as Text](#) [E-mail](#)

Click on column headers to sort the results.

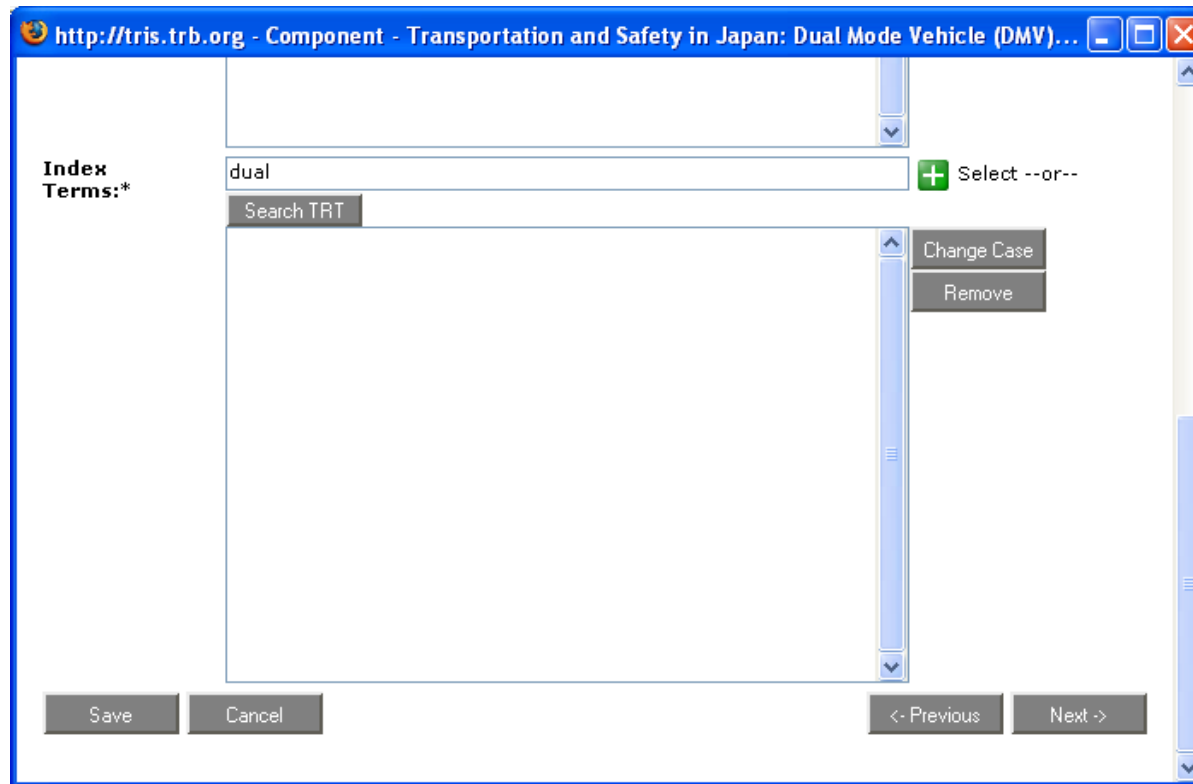
	Title	Accession	Date
<input type="checkbox"/>	Introduction: Improving Disaster Preparedness and Response Through Practice-Oriented Research	01054252	2007-05
<input type="checkbox"/>	Capabilities-Based Planning for the National Preparedness System	01054253	2007-05
<input type="checkbox"/>	Electronic Freight Theft Management System for Florida	01054015	2007
<input type="checkbox"/>	Optimizing Protective Measures with Respect to Multiple Hazards	01044075	2007
<input type="checkbox"/>	Transportation and Emergency Services: Identifying Critical Interfaces, Obstacles, and Opportunities	01031381	2006
<input type="checkbox"/>	Trade-Offs Between Security and Inspection Capacity: Policy Options for Land Border Ports of Entry	01030644	2006
<input type="checkbox"/>	Preliminary Assessment of Activity and Modeling for Homeland Security Applications	01025753	2006
<input type="checkbox"/>	Security 2006	01030645	2006
<input type="checkbox"/>	Transportation Security Training and Education: Building Up Resources, Techniques, and Strategies. Introduction	01002755	2005-05
<input type="checkbox"/>	Ensuring the Security of Transportation Facilities: Evaluation of Advanced Vehicle Identification Technologies	01023735	2005
<input type="checkbox"/>	THE MARINE TRANSPORTATION SYSTEM AND THE FEDERAL ROLE: MEASURING PERFORMANCE, TARGETING IMPROVEMENT	00972203	2004



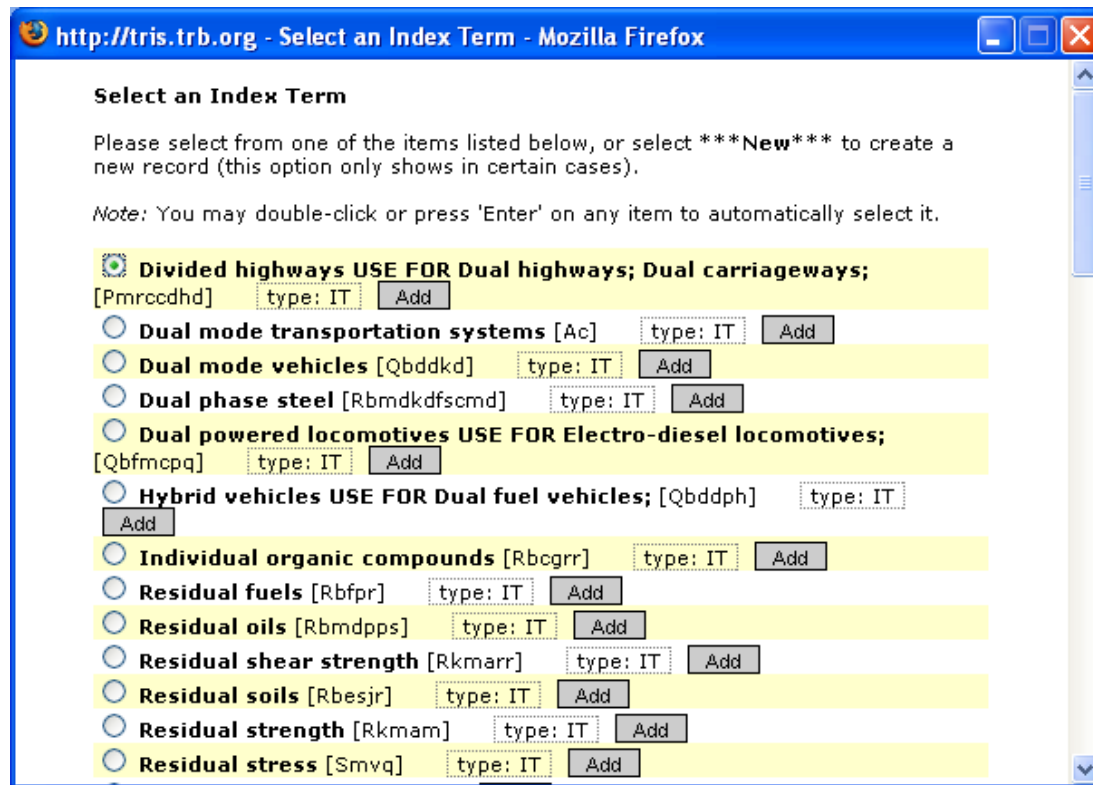
TRT for TRIS indexing

- Journal articles
- TRB annual meeting papers

Indexing records for TRIS



Look-up table showing term



The screenshot shows a web browser window with the address bar displaying "http://tris.trb.org - Select an Index Term - Mozilla Firefox". The page title is "Select an Index Term". Below the title, there is a paragraph of text: "Please select from one of the items listed below, or select ***New*** to create a new record (this option only shows in certain cases)." followed by a note: "Note: You may double-click or press 'Enter' on any item to automatically select it." The main content is a list of index terms, each with a radio button, a text input field for the term name, a text input field for a code, a text input field for the type (all are "IT"), and an "Add" button. The terms are: "Divided highways USE FOR Dual highways; Dual carriageways;" (code: Pmrcdhd), "Dual mode transportation systems" (code: Ac), "Dual mode vehicles" (code: Qbddkd), "Dual phase steel" (code: Rbmdkdfscmd), "Dual powered locomotives USE FOR Electro-diesel locomotives;" (code: Qbfmcpq), "Hybrid vehicles USE FOR Dual fuel vehicles;" (code: Qbddph), "Individual organic compounds" (code: Rbcgrr), "Residual fuels" (code: Rbfpr), "Residual oils" (code: Rbmdpps), "Residual shear strength" (code: Rkmarr), "Residual soils" (code: Rbesjr), "Residual strength" (code: Rkmam), and "Residual stress" (code: Smvq).

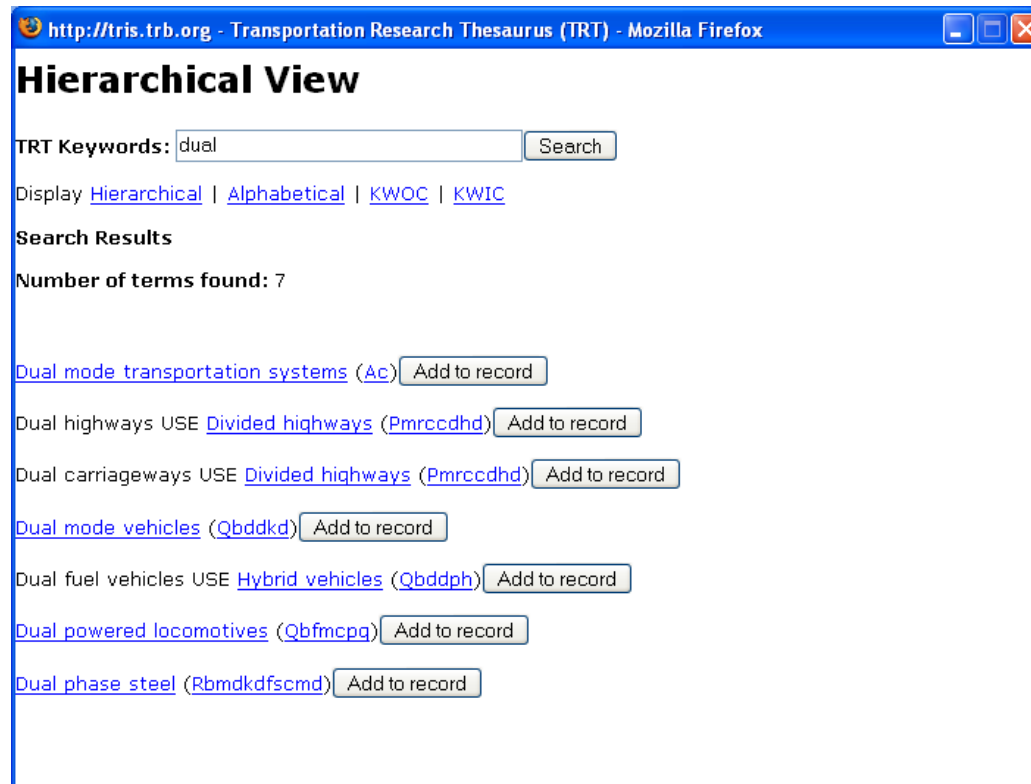
Select an Index Term

Please select from one of the items listed below, or select ***New*** to create a new record (this option only shows in certain cases).

Note: You may double-click or press 'Enter' on any item to automatically select it.

- Divided highways USE FOR Dual highways; Dual carriageways;**
[Pmrcdhd] type: IT Add
- Dual mode transportation systems** [Ac] type: IT Add
- Dual mode vehicles** [Qbddkd] type: IT Add
- Dual phase steel** [Rbmdkdfscmd] type: IT Add
- Dual powered locomotives USE FOR Electro-diesel locomotives;**
[Qbfmcpq] type: IT Add
- Hybrid vehicles USE FOR Dual fuel vehicles;** [Qbddph] type: IT Add
- Individual organic compounds** [Rbcgrr] type: IT Add
- Residual fuels** [Rbfpr] type: IT Add
- Residual oils** [Rbmdpps] type: IT Add
- Residual shear strength** [Rkmarr] type: IT Add
- Residual soils** [Rbesjr] type: IT Add
- Residual strength** [Rkmam] type: IT Add
- Residual stress** [Smvq] type: IT Add

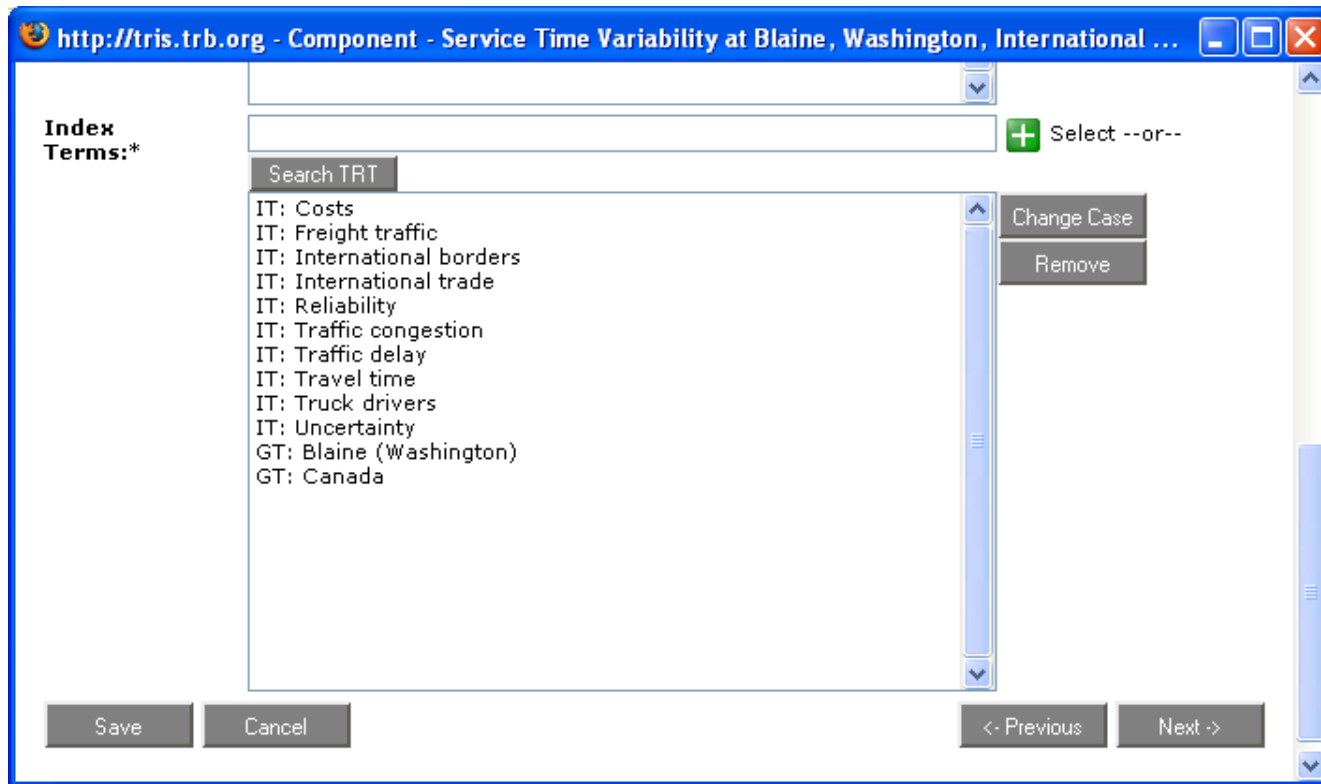
TRT showing term



The screenshot shows a web browser window with the address bar displaying "http://tris.trb.org - Transportation Research Thesaurus (TRT) - Mozilla Firefox". The page title is "Hierarchical View". Below the title, there is a search bar with the text "dual" and a "Search" button. Underneath the search bar, there are links for "Display Hierarchical | Alphabetical | KWOC | KWIC". The section "Search Results" indicates "Number of terms found: 7". The results are listed as follows:

- [Dual mode transportation systems \(Ac\)](#)
- Dual highways USE [Divided highways \(Pmrcdhd\)](#)
- Dual carriageways USE [Divided highways \(Pmrcdhd\)](#)
- [Dual mode vehicles \(Qbddkd\)](#)
- Dual fuel vehicles USE [Hybrid vehicles \(Qbddph\)](#)
- [Dual powered locomotives \(Qbfmcpq\)](#)
- [Dual phase steel \(Rbmdkdfscmd\)](#)

TRB meeting paper – completed indexing





Using the TRT provides:

- Structured view of transportation terms
- Controlled vocabulary for indexing
- A starting point for searching TRIS Online and TRB databases
- More specific terminology used by practitioners