

Lane Closure System 2.0 Regional Managers

Virtual Training

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March 2022

Regional Manager Focused Training

- This training is for regional manager users as an overview of the new features of LCS 2.0.
- This training will be recorded, the presentation and recording will be available on the WisDOT Work Zones webpage and on the WisLCS homepage.
- Please mute yourself unless you have a question.
- The training examples occur in the training site.
- Please participate in post training survey





Overview

- Presentation
 - Background on LCS 2.0 Project
 - User Roles
 - Admin Tab
 - Requesting a Closure Demonstration
 - Accepting a Closure
 - LCS Training Resources
- Q&A





LCS 2.0 Project Objectives

- Incorporate lessons learned
- Streamline existing work-flows
- Improve interoperability with external systems
- Improve data quality and timeliness
- Support for modern platforms
- Update the 10-year old software platform





Background on LCS 2.0 Project

What has changed?

- Home Page Options
- Mapping features
- Lane Diagram
- Priority/Non-Priority route map
- Auto Acceptance Rules
- User Roles







Getting Started in LCS

- Logging on: https://transportal.cee.wisc.edu/closures/
- LCS 2.0 will be rolled out March 15

WisTransPortal Login Form						
Please enter your User ID and Password information.						
Welcome to the WisTransPortal. This system is maintained by the <u>Traffic Operations and Safety Laboratory</u> at the University of Wisconsin-Madison. Unauthorized access is strictly prohibited.						
User ID: Password: Login						
Forgot User ID or Password?						
User IDs and passwords are case sensitive. This site requires cookies. For help with your account send mail to transportal@topslab.wisc.edu or click on the links below for further information.						
WisTransPortal Home Account Information Conta	ct Information					















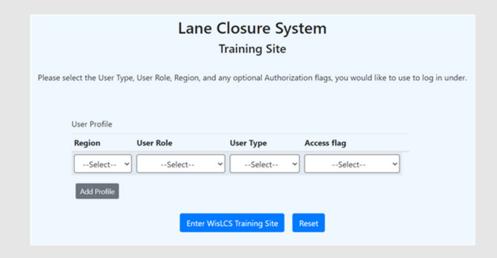






Getting Started

- Roles
 - Standard User (Viewer)
 - Requestor
 - Limited Approver
 - Full Approver
 - Regional Manager
 - System Manager



















User Roles

Task	Viewer	Requestor	Limited Approver	Full Approver	Regional/ System Mgr
View Closures	Х	Х	Х	Х	Х
Search Closures	X	Х	Х	Х	Х
Bookmark Closures	Х	X	Х	X	X
Request a Closure		X	Х	Χ	X
Edit Own Closures		X	Х	Х	X
Edit Team's Non-Priority Roadway Closures		X	X	Х	X
Edit Team's Priority Roadway Closures		X	X	Х	X
Edit any Non-Priority Roadway Closure			X	Х	X
Edit any Priority Roadway Closure			X	Х	X
Accept/Reject NPR Closures (entered + pending)			X	Х	X
Accept/Reject PR Closures (entered + pending)				Х	X
QA/QC					X
Update the Event Calendar					X
Enter a Special Event Closure			X	Х	X
Publish Closures to 511 Only					X
Exclude from Superload Checkbox					X
Manage Users					X
Manage STN Landmarks					X
Manage Priority Roadways					X
Manage Email Preferences					X
Manage System Messages					X
View other User Information (e.g., contact information for work zones)					X
Update project level information (contact information, time of day)				Х	X
Reports	X	X	X	Х	X

Getting Started

- Home Page
- My Closures
 - Red closure past its Start Date & Time
 - Orange closure within 1 week of its Start Date
 - Violet Weekly or Continuous closure past its End Date but not yet Completed
 - Green Active closure (between its Start & End Dates)
 - Black Normal/Default

	Description	Standard User (Viewer)	Limited & Full Approver	Requestor	Regional Manager	System Manager
Messages	This section will display any current messages. High priority messages will be marked with an ! icon.	Х	X	X	X	Х
Closures Needing Acceptance	Displayed on Approver and Regional Managers profiles only. Lists closures the user can accept.		Х		X	
Allowable Lane Closure Hours Needing Acceptance	Displayed on Regional Managers profile only. Lists closures which the user can accept.				X	
My Closures	Any closure where the user or their Team is part of the closure history (e.g., entered, accepted, modified, etc.). A closure will remain in this section until that closure is either deleted, or until after it has been completed/cancelled status for three days.		Х	Х*	Х	
Bookmarked Closures	Shows closures which the user has bookmarked	Х	Х	Х	Х	Х

^{*} If user has Emergency Closure access flag, this section will show up on Home page.

















Admin Tab

- Manage Users
- Manage Messages
- Manage Regional Contacts
- Manage Regional Auto-Acceptance
- Manage Priority Roadways

Manage Users

Manage Messages

Manage Regional Contacts

Manage Regional Auto-Acceptance

Manage Priority Roadways





Requesting a Closure

• Timeline for entering closures

CLOSURE TYPE AND REQUIRED MINIMUM ADVANCE NOTIFICATION						
Closure type with height, weight, or width restrictions (available width, all lanes in one direction <16')	MINIMUM NOTIFICATION					
Lane and shoulder closures	7 calendar days					
Full roadway closures	7 calendar days					
Full Ramp closures	7 calendar days					
Detours	7 calendar days					
Closure type <u>without</u> height, weight, or width restrictions (available width, all lanes in one direction ≥16′)	MINIMUM NOTIFICATION					
Lane and shoulder closures	3 business days					
Ramp closures	3 business days					
Modifying all closure types	3 business days					



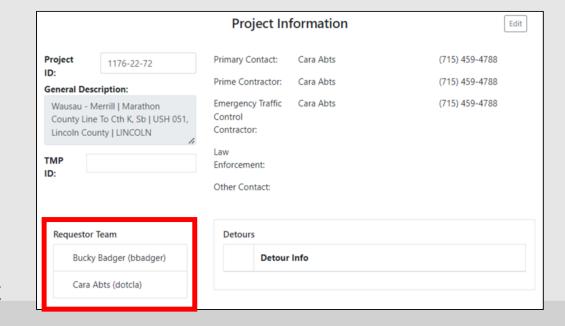


Projects Tab

LANE CLOSURE SYSTEM Home Projects Request Search Reports 511 Local Events User Preference Admin Help Contacts Transportal / Applications / WisLCS / Home



- Project information is auto-populated but can be edited.
- TMP ID cannot be edited.
- All members of the Requestor Team must be listed in order to make a closure request











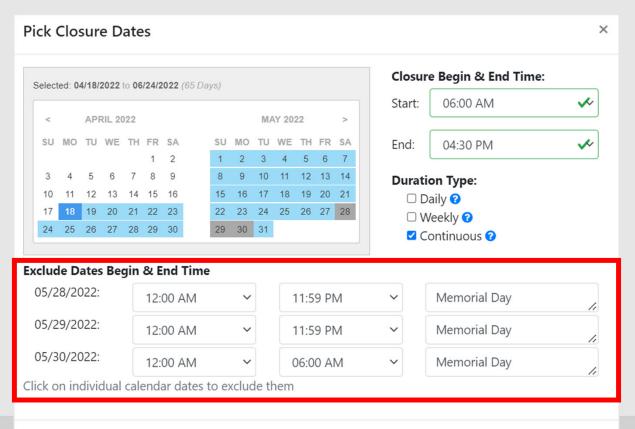








Allowable Hours















Save Changes

Accepting Allowable Hours

- Requestor Team enters the project information, including the allowable hours
- Submitting saves everything (allowable hours Inactive by default)
- Requestor Team would need to "Request Approval for Allowable Hours" that notifies the Regional Manager
 - Project ID shows up on Regional Manager's home page
- Regional Manager would mark each Allowable Hours as Active (or keep Inactive)
- Regional Manager marks the Allowable Hours as "Reviewed"
- Editing Allowable Hours:
 - Active only the Regional Manager can edit
 - Inactive Requestor Team can edit

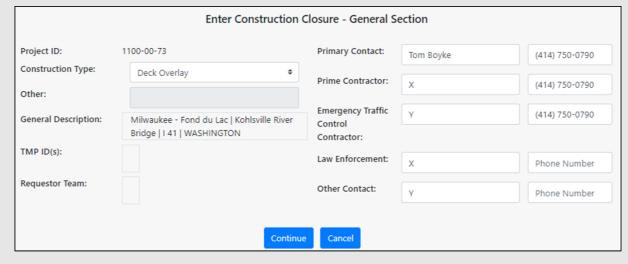




Requesting a Closure

- 1. Go to Request Tab
- 2. Select Region & Closure Type
- 3. Select Project ID

Request					
Please select the closure you would like to request.					
Region: Closure Type:					
Select ¢	Select ¢				
Create Nev	w Cancel				



















Work Types - Construction

- Barrier Wall Work
- Beam Launching/Setting
 Erosion Control
- Bridge Work
- Cable Guard Work
- Clearing & Grubbing
- Crack Fill
- Culvert Work
- Curb ramp replacement/installation
- Deck Overlay

- Deck Replacement
- Guard Rail Work
- Inlet Work
- Joint Work
- Lighting Work
- Milling Operation
- Patching
- Pavement Marking Work
 Water Main Utilities
- Pavement Work

- Paving Operation
- Railroad Work
- Shoulder Work
- Sign Installation
- Sign Base Installation
- Signal Base Installation
- Soil Boring
- Survey Work
- Other















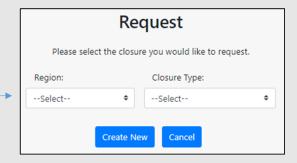


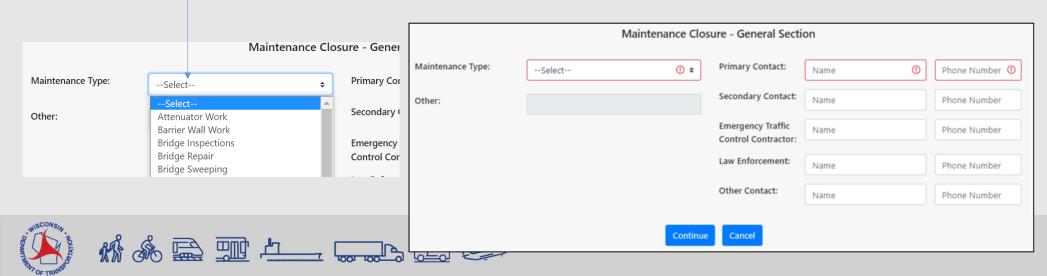


Transportal / Applications / WisLCS / Home

Requesting a Maintenance Closure

- 1. Go to Request Tab
- 2. Select Region & Closure Type
- 3. Select Maintenance Type





Work Types - Maintenance

- Attenuator Work
- Barrier Wall Work
- Bridge Inspections
- Bridge Repair
- Bridge Sweeping
- Bridge Work
- Bump Grinding
- Cable Guard Work
- Clearing, Grubbing & Tree Removal
- Crack Fill

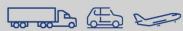
- Crash/Spill Cleanup
- Culvert Work
- Curb Work
- Delayed Recovery
- Ditch Work
- Drainage Work
- Fence Work
- Guard Rail Work
- ITS Work
- Inlet Work
- Joint Work

- Lighting Work
- Merrimac Ferry Maintenance
- Paint Testing
- Patching Work
- Pavement Markings
- Pavement Repair (Concrete or Asphalt)
- Paving
- Poly/Mud Jacking
- Railroad Work

- Ramp Gate/Ramp Meter Work
- Retaining Wall Repair
- Shoulder Work
- Sign/Sign Bridge Inspection
- Snow Removal
- Soil Boring
- Surveying
- Traffic Signal Work
- Water Main Work
- Other



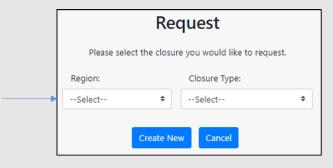




Requesting a Permit Closure

- 1. Go to Request Tab
- 2. Select Region & Closure Type
- 3. Select Permit Type

Permit Number:		Prima
Permit Type:	Select	Prime
Other:	Select Asbestos Bridge Survey Borings	Emer Cont
	Cable Work Duct Installation	Law I
	Electrical Work Fiber Work	Othe



	Permit Closure	- General Section			
Permit Number:	0,	Primary Contact:	Name	0	Phone Number ①
Permit Type:	Select ① •	Prime Contractor:	Name	0	Phone Number ①
Other:		Emergency Traffic Control Contractor:	Name	0	Phone Number ①
		Law Enforcement:	Name		Phone Number
		Other Contact:	Name		Phone Number
	Save	Cancel			



















Work Types – Permit

- Asbestos Bridge Survey
- Borings
- Cable Work
- Duct Installation
- Electrical Work
- Fiber Work
- Gas Line Repair
- Gas Main Work

- Infrared Thermography
- Sanitary Work
- Surveying
- Trenching
- Utility Work
- Water Main Work
- Wetland Delineation
- Other



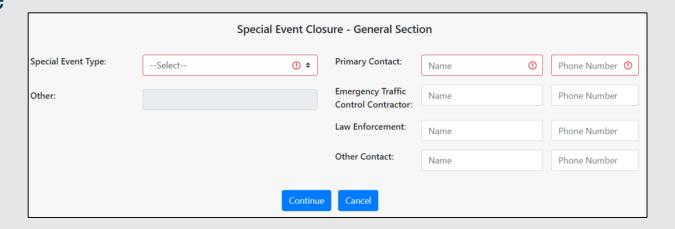


Transportal / Applications / WisLCS / Home

Requesting a Special Event Closure

- 1. Go to Request Tab
- 2. Select Region & Closure Type
- 3. Select Special Event Type

Request				
Please select the closure you would like to request.				
Region: Closure Type:				
Select \$	Select ¢			
Create Ne	Cancel			



















Work Types – Special Event

- Car Show
- Festival
- Parade
- Procession
- Race
- Other

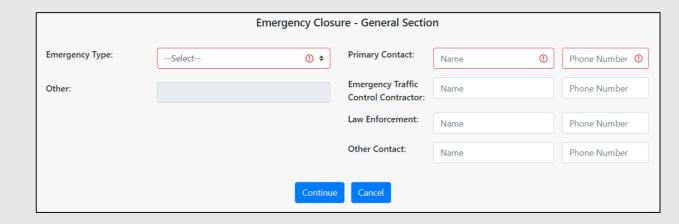




Requesting an Emergency Closure

- 1. Go to Request Tab
- 2. Select Region & Closure Type
- 3. Select Emergency Type

Request				
Please select the closure you would like to request.				
Region: Closure Type:				
Select \$	Select	Ф		
Create Ne	Cancel			



















Work Types - Emergency

- Barrier Wall Repair
- Bridge Hit
- Bridge Repair
- Bump Grinding
- Cable Guard Repair
- Clearing, Grubbing & Tree
 Lighting Repair Removal
- Crash Cleanup
- Culvert Repair
- Drainage Repair

- Fiber Repair
- Flooding
- Gas Main Repair
- Guard Rail Repair
- ITS Repair
- Patch Work
- Pavement Buckle
- Pavement Heave Repair

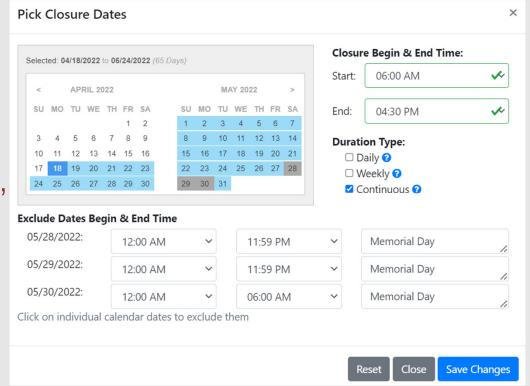
- Pavement Marking Repair
- Pavement Repair
- Sewer Repair
- Shoulder Repair
- Traffic Signal Repair
- Utility Service Repair
- Washout Repair
- Water Main Repair
- Other





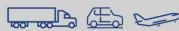
Requesting a Closure

- Closure Duration Types
 - Daily occurs on a recurring daily or nightly basis. The closure is active for only part of each day.
 - Weekly typically a few days per week, but on a recurring basis.
 - Continuous a 24-hour work zone typically lasting more than one week, starting on the Begin Date and Time, and ending on the End Date and Time.



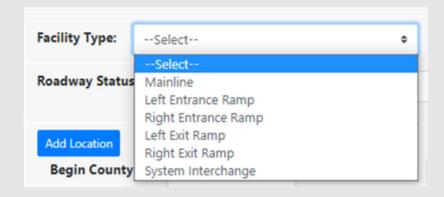


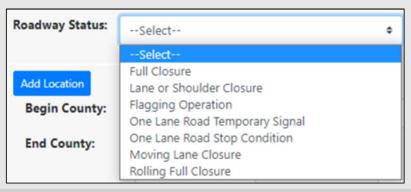


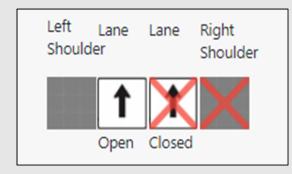


Requesting a Closure

- Lane Details
 - Intersections
 - Non-intersections
 - Various Lanes Closed
 - Entrance Ramp
 - Exit Ramp
 - System Interchange



















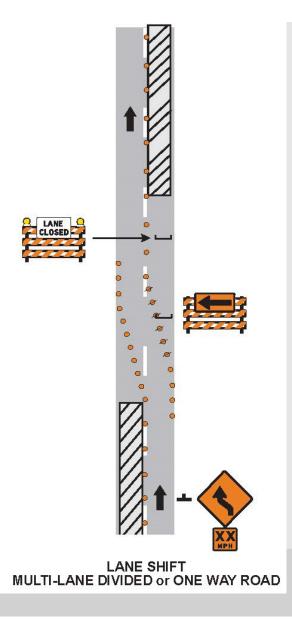




Various Lanes Closed

"Various times closed" checkbox should only be checked if user does not know what time the lane closures will occur.

















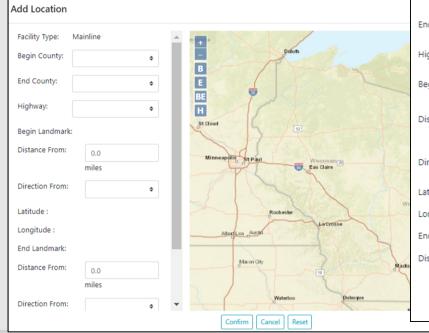


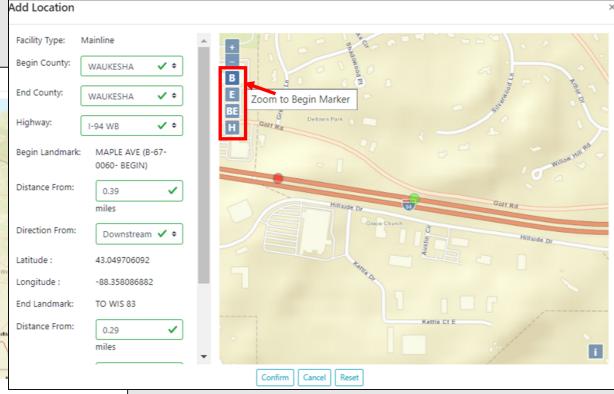




Requesting a Closure

Mapping Feature



















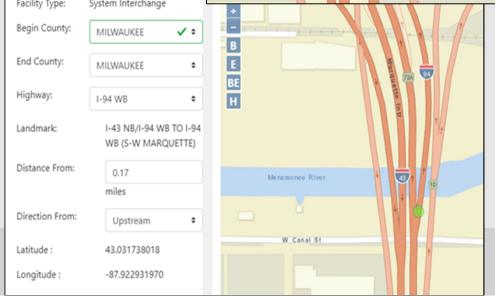




System Interchange



- Close I-94 WB (I-43 NB/I-94 WB to I-94 WB)
 - Drop marker at the beginning of the leg of the interchange & choose that landmark in the marker list and it will populate items on the left.
 - Landmarks listed should be interchange landmarks















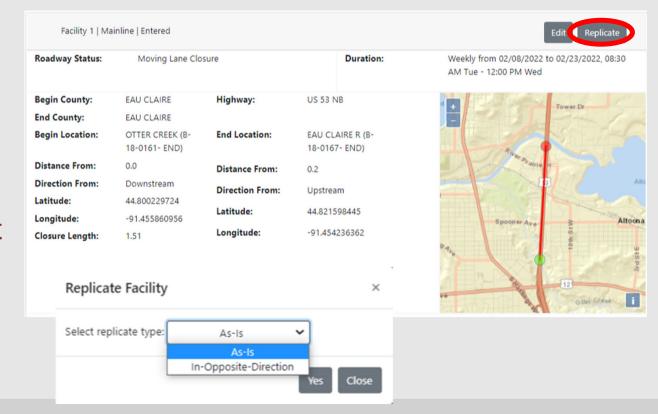




Requesting a Closure

Replicate Facilities

- Take an existing closure and facility and click "Replicate"
- "As-Is" copies the facility exactly and user can adjust
- "In-Opposite-Direction" changes the direction to other side of roadway. User can adjust afterwards











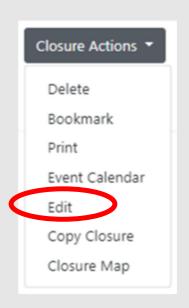


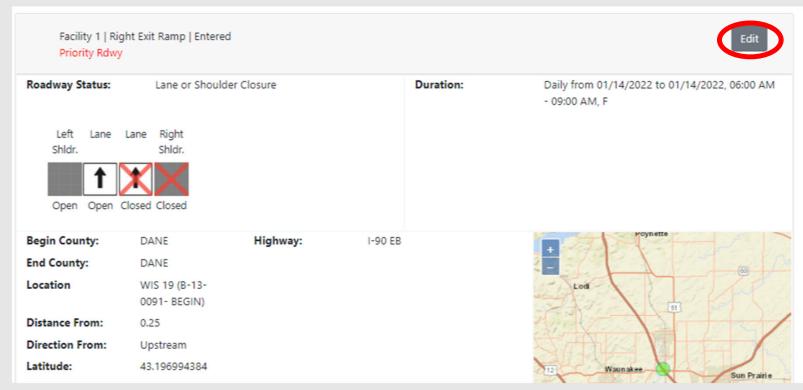






Modifying a Closure













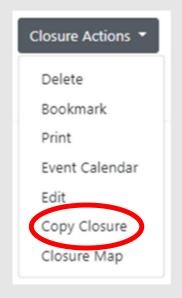


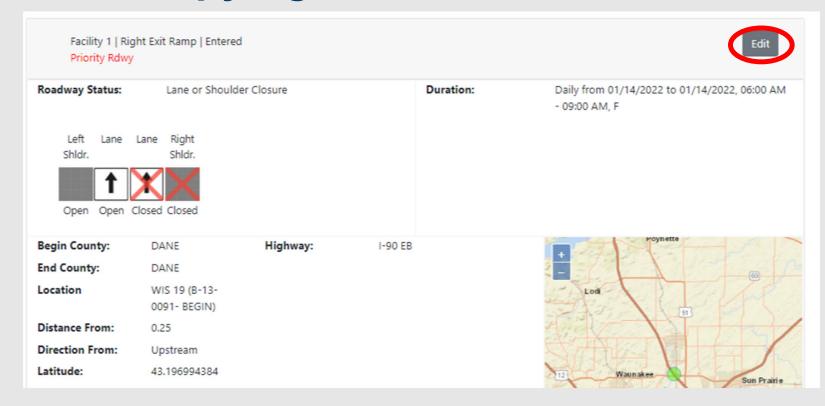






Copying a Closure













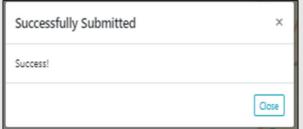


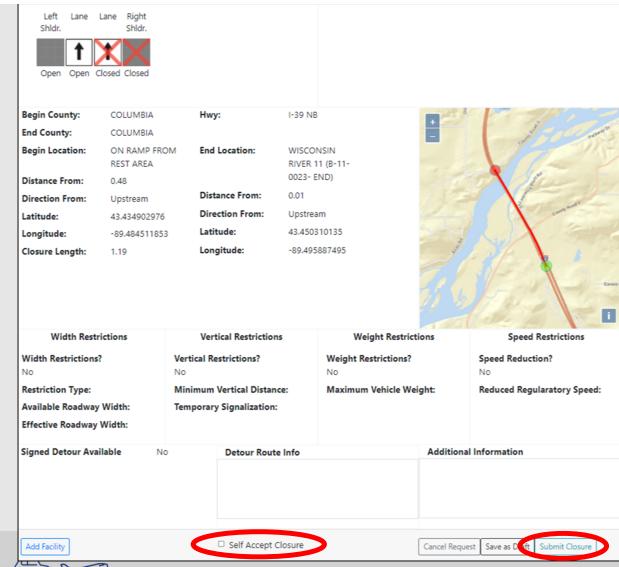






Submitting a Closure















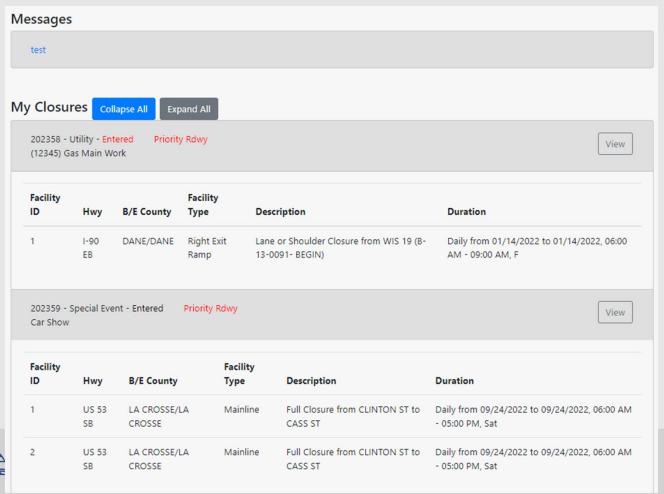








Viewing Closures on Home Page

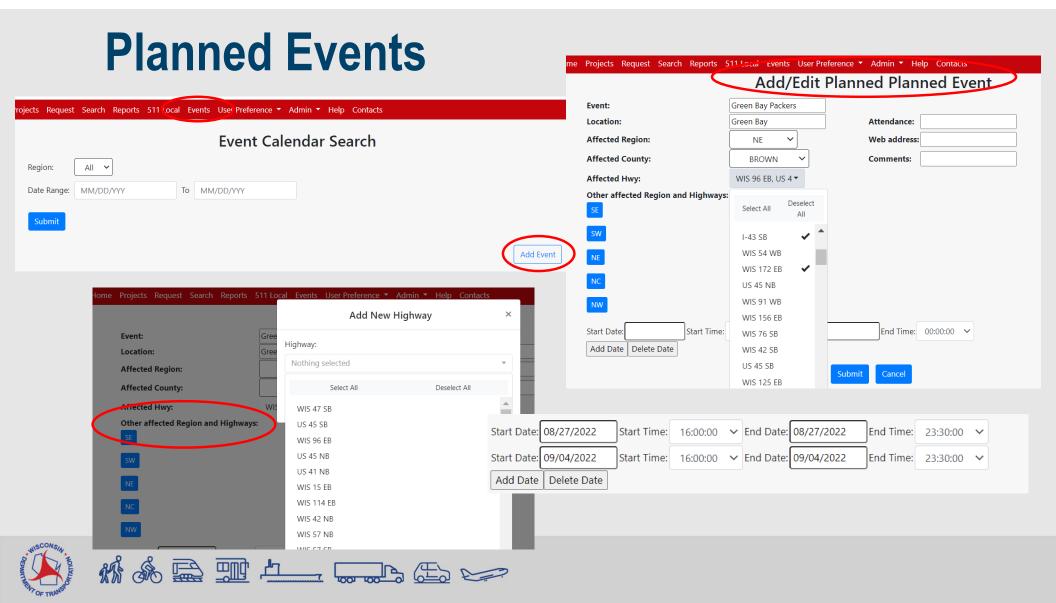




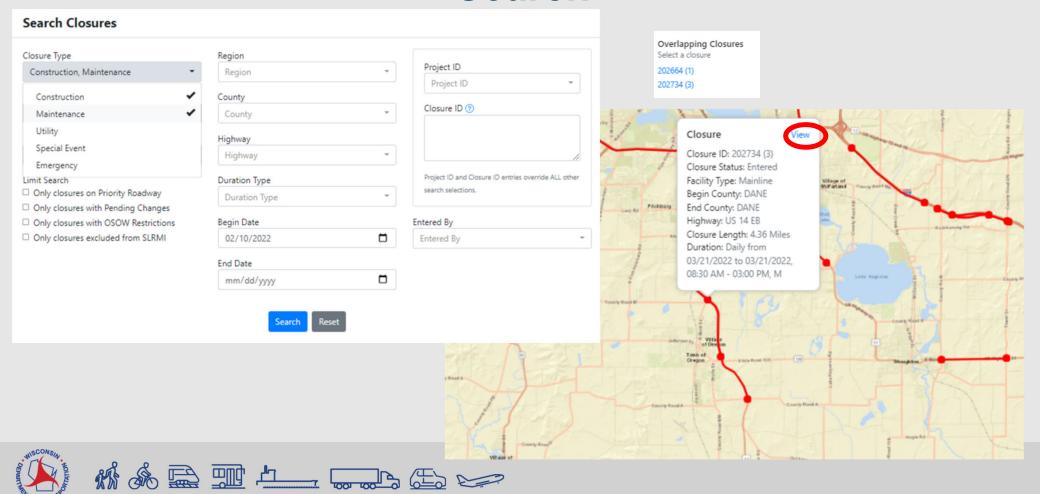








Search



Closure Actions ▼ Bookmark Print **Event Calendar** Closure Map

Closure Map

Back to View Mode

202664 Construction

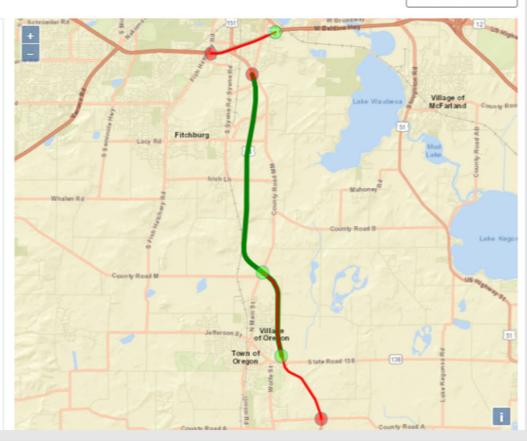
Choose Facilities Facility1

Filters: +/- days 0

Update

Nearby Closures

202655 (1) - Special Event - Mainline 202734 (3) - Maintenance - Mainline



















Accepting/Rejecting a Closure

	User Type					ser gion	Acceptance Authority		
User Roles	Maintenance	Permit	Construction	All Types	One	ALL	Full	Limited	No
Standard User (Viewer)				Х	х	х			х
Requestor	х	Х	х		Х				х
Limited Approver	х	х	х		Х			х	
Full Approver	х	х	х	Х	Х		х	Х	
Regional Manager	х	х	х	X	Х		х	Х	
System Manager***	х	х	х	х	Х	х	х	х	











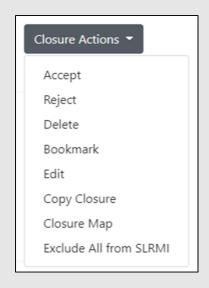




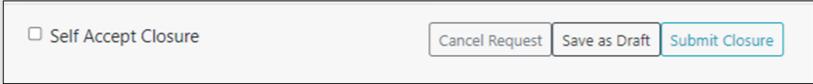




Accepting a Closure













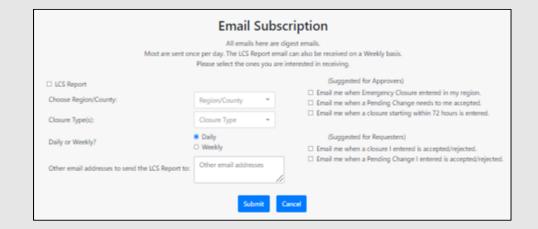






Features in Progress

- Reports feature
- Subscription Emails
- 511 Local Projects
- CSV Download











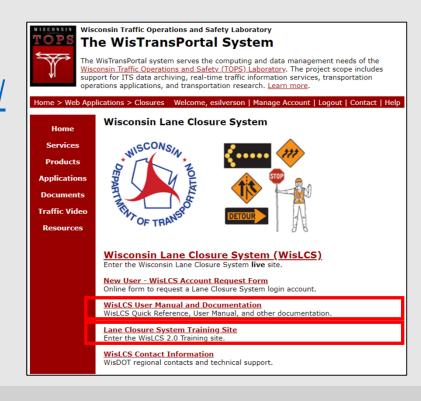






Training Resources

- LCS Homepage
 - https://transportal.cee.wisc.edu/closures/
- User Manual and Recorded Trainings
 - To be posted after trainings
- LCS Training Site "sandbox"
 - For users to learn, practice and test closures







Help

- Technical Support, User Account and Issues Entering Closure Requests: wislcs@topslab.wisc.edu
- Additional information about LCS: <u>erin.schwark@dot.wi.gov</u> or <u>sparker@wisc.edu</u>
- Other questions about LCS usage: Regional Contacts from the contacts website: https://transportal.cee.wisc.edu/closures/contact.html





Live Demonstration

- 1. Requesting a Closure
- 2. Accepting Closures
- 3. Admin Tab



