



LCS 2.0 Update - Construction

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Statewide Work Zone Operations Engineer

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UW-TOPS Lab

March 13, 2023
12:00-12:45 PM

Overview – Construction

- Reminders
- Allowable Hours/Auto-Acceptance
- Local Road Closures
- Emails
- Reports
- Upcoming Features
- Live Demo

LANE CLOSURE SYSTEM Home Projects Request Search Reports Events User Preference Admin Help Contacts

Messages (1)

! Allowable Hours (this is not how you request a lane closure)

Color Key

[View Closure Status Color Key](#)

Closures Needing Acceptance (2) [Collapse All](#) [Expand All](#)

250940 - Permit - Entered - (67U-49-23) Utility Work [View](#)

ID	Hwy	County	Type	Description	Duration
1	WIS 164 NB	WAUKESHA	Mainline	Lane or Shoulder Closure from RIDGEVIEW PKY to RIDGEVIEW PKY	Daily from 03/04/2024 to 03/08/2024, 07:00 AM - 04:00 PM, M, T, W, Th, F

251062 - Permit - Entered - (67U-121-23) Electrical Work [View](#)

ID	Hwy	County	Type	Description	Duration
1	WIS 83 SB	WAUKESHA	Mainline	Lane or Shoulder Closure from TO WIS 83 NB to SUGDEN RD	Daily from 03/05/2024 to 03/16/2024, 07:00 AM - 04:00 PM, Sun, M, T, W, Th, F, Sat

Allowable Lane Closure Hours Needing Acceptance (0) [Collapse All](#) [Expand All](#)

No lane closure hours found.

My Closures (7) [Collapse All](#) [Expand All](#)

219551 - Permit - Accepted - (64U-323-23) Gas Main Work [View](#)



Accounts – User Types

- Construction – Improvement Project, Project ID XX-XX-XXXX
- Maintenance – counties, connected highways, design projects
- Permit – utility company, approved permit to work on ROW

Event Example	User Type
Construction Company to perform construction project on state highway	Construction
City/town/village to perform construction project on state highway (connected highway)	Construction
County Highway Dept to perform maintenance work on state highway	Maintenance
City/town/village to perform maintenance work on state highway (connected highway)	Maintenance
City/town/village to close state highway for Special event (race, parade, etc.)	Permit
Utility Company to conduct utility work on state highway	Permit
Any company working on a state highway with an approved permit	Permit



Accounts – Requesting

REQUESTING AN ACCOUNT

A WisTransPortal account is needed to access the Wisconsin Lane Closure System (WisLCS). To create an account, begin by going to the home page: <http://transportal.cee.wisc.edu/closures/>. To request an account online select the *New User – WisLCS Account Request Form* link.

What to know before you request an account:

1. First, Last Name
2. Email Address
3. Organization
4. Phone Number
5. LCS Region
 - What Region will you be working in? [Refer to map.](#)
 - If you will be working in multiple regions, list the regions in the comment field.
6. LCS User Type
 - Will you be requesting a *maintenance, permit or construction* closure?
 - *Maintenance Closure* is typically performed by county highway departments, closures for improvement program projects before the project has been LET (soil borings, surveying, etc), or municipalities doing maintenance on state highways.
 - *Permit Closure* is typically a utility company (gas, water, telecom, power, tree trimming, etc) or anyone with a permit number.
 - *Construction Closure* is typically an improvement project on a state highway (LET project) with a Project ID. The Project IDs must be entered into LCS (typically by the project team) prior to requesting the closure.

New User Account Request Form

For assistance with this page, contact your LCS administrator or email wislcstool@cee.wisc.edu.

PLEASE NOTE: ACCOUNT APPROVAL MAY TAKE UP TO TWO BUSINESS DAYS

Step 1: To request a WisLCS user account, complete the information below and press **Next**. Fields marked with * are required. Press **Cancel** to return to the WisLCS home page without completing your request.

Title:	<input type="text"/>	Mr., Ms., Lt., etc.
*First Name:	<input type="text"/>	
*Last Name:	<input type="text"/>	
Desired User ID:	<input type="text"/>	Ex: bbadger. See note below.
*Email Address:	<input type="text"/>	
*Confirm Email:	<input type="text"/>	
*Job Title:	<input type="text"/>	
*Organization:	<input type="text"/>	
*Primary Phone:	<input type="text"/>	Ex: 555-555-5555
Secondary Phone:	<input type="text"/>	Ex: 555-555-5555
*LCS Region:	<input type="text"/>	
*LCS User Type:	<input type="text"/>	
Comments:	<input type="text"/>	

Next Reset Cancel

Note: LCS User IDs are case sensitive. That is, "BBadger" and "bbadger" are treated as two different Users IDs.



LCS Regional Contacts

Northwest Region

Chad Hines

718 W. Clairemont Ave.
Eau Claire, WI 54701
(715) 836-7276
chad.hines@dot.wi.gov

North Central Region

Cara Abts

1681 2nd Ave S.
Wisconsin Rapids, WI 54495
(715) 459-4788
cara.abts@dot.wi.gov



Northeast Region

Josh Falk

944 Vanderperren Way
Green Bay, WI 54304
(920) 366-8033
joshua.falk@dot.wi.gov

Southwest Region

La Crosse Office

Joe Schneider

3550 Mormon Coulee Rd.
La Crosse, WI 54601
(608) 789-5959
Joseph.Schneider@dot.wi.gov

Southwest Region

Madison Office

Lee Gibbs

2101 Wright St.
Madison, WI 53704
(608) 206-6428
Lee.Gibbs@dot.wi.gov

Southeast Region

Tom Boyke

141 NW Barstow St.
Waukesha, WI 53188
(262) 548-8642
thomas.boyke@dot.wi.gov



Reminders

- Auto-Completion of Closures
 - Email notification of closure nearing its end date
- Width Restrictions
 - Require width for ALL closures
- Advanced Warning Guidelines
- Allowable hours are not the same as requesting a lane closure. You still need to **REQUEST** a closure.

Roadway Width ?

Restriction Type:
 Drums ✓

Available Roadway Width: ?
 20 ✓ ft 0 ✓ in

Effective Roadway Width:
 19 ✓ ft 0 in

Closure type with height, weight, or width restrictions (available width, all lanes in one direction < 16 feet)	MINIMUM NOTIFICATION
Lane and shoulder closures	7 calendar days
Full roadway closures	7 calendar days
Ramp closures	7 calendar days
Detours	7 calendar days
Closure type without height, weight, or width restrictions (available width, all lanes in one direction ≥ 16 feet)	MINIMUM NOTIFICATION
Shoulder Closures	3 calendar days
Lane closures	3 business days
Ramp closures	3 business days
Modifying all closure types	3 business days



Allowable Hours – Project Tab

Project Information Reset Cancel Save Save & Exit

Project ID: 0117-09-01

General Description:
Maintenance Rout and Seal USH 53, 40th Ave to CTH S | USH 53, Chippewa County | CHIPPEWA

TMP ID:

Requestor Team
Erin Schwark (schwarke)

Manage Requestors

Allowable Hours for Lane Closures
Please add a small buffer to the ends of your project locations, so that closures will be auto-accepted in the general areas.

Add Location Save Save & Exit

Primary Contact: Matt Dickenson (mdickenson) 715-395-3022

Prime Contractor: Chris Mills (000) 000-0000

Emergency Traffic Control Contractor: Steven Parker (000) 000-0000

Law Enforcement: State Patrol (000) 000-0000

Other Contact: Name Phone Number

Detours
Detour Info

Action ▾ Begin County: LAFAYETTE

Edit

Copy As Is

Copy in Opposite Direction

Delete

Action ▾ - Shoulder

Edit

Copy

Delete


- Only in SE, SW, NC, NW
- If in NE Region, you will see a message that Auto Acceptance is not activated, therefore you can't enter any allowable hours

Allowable Hours for Lane Closures
Please add a small buffer to the ends of your project locations, so that closures will be auto-accepted in the general areas.

Action ▾ Begin County: CHIPPEWA End County: CHIPPEWA Highway: US 53 NB
Begin Landmark: WI CENTRAL RR (B-09-0053 END) End Landmark: TO COUNTY B

Action ▾ - Shoulder Closures: From 12:00 AM on 04/17/2023 to 11:59 PM on 06/30/2023.

Add Allowable Hours



Add Location Save Save & Exit

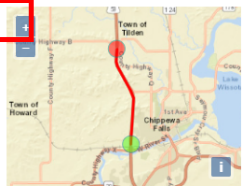
Allowable Hours for Lane Closures

Inactive

Begin County: CHIPPEWA End County: CHIPPEWA Highway: US 53 NB
Begin Landmark: WI CENTRAL RR (B-09-0053 END) End Landmark: TO COUNTY B
- Shoulder Closures: From 12:00 AM on 04/17/2023 to 11:59 PM on 06/30/2023.

Request Approval

Request Approval for All Locations



1. Add Location
2. Add Allowable Hours
3. Save & Exit
4. Request Approval
5. Regional Manager Approves/Denies



Auto-Acceptance

- Improvement Projects (LET)
- Guidelines:
 - Closure must be within the Advanced Warning Guidelines
 - Closure cannot conflict with other closures (3 mile buffer)
 - Closure cannot conflict with any Calendar Events
 - Closure must be within the Allowable Hours
 - Allowable Hours must already be accepted by Regional Manager
- View Regional Settings under User Preference – Rules for Auto-Acceptance
 - SE, SW, NC, NW

SW regional settings

Construction closure auto-acceptance: **Activated**

Maintenance shoulder closure auto-acceptance: **Activated**



Local Road Closures


- Construction Closures Only
 - Request Closure for specific Project ID
 - Under 'Facility' there is the option to select 'Local Road'
 - Select 'Local Road'
 - The 'Add/Edit Location' will look different than requesting a closure on a STH

Add Facility

To add a facility, begin by selecting a Facility Type and Roadway Status. Then, schedule the facility using the calendar pop-up, fill out the lane closure diagram (if visible), and add the facilities location using the location pop-up. Finally, fill out the restriction details and detour information where required.

Facility Type: --Select--
Roadway Status: --Select--
Add/Edit Location
Begin County:
End County: Local Road
Begin Location:
End Location:
Distance From:
Direction From:


Schedule Closure



Add Facility

To add a facility, begin by selecting a Facility Type and Roadway Status. Then, schedule the facility using the calendar pop-up, fill out the lane closure diagram (if visible), and add the facilities location using the location pop-up. Finally, fill out the restriction details and detour information where required.

Facility Type: Local Road ✓
Roadway Status: Full Closure ✓
Add/Edit Location
County:
Roadway:
Begin Location:
Direction:
End Location:
Schedule Closure
From 12:00 AM on 03/04/2024 to 11:59 PM on 03/31/2024.



Local Road Closures

• Add/Edit Location

- Select Add/Edit Location
- Select the County from the drop down
- Manually type in the roadway
- Select the direction from the drop down
- Manually type in the begin/end location
- Draw the location on the map

Add Facility

To add a facility, begin by selecting a Facility Type and Roadway Status. Then, schedule the facility using the calendar pop-up, fill out the lane closure diagram (if visible), and add the facilities location using the location pop-up. Finally, fill out the restriction details and detour information where required.

Facility Type: Local Road ✓

Schedule Closure
From 12:00 AM on 03/04/2024 to 11:59 PM on 03/31/2024.

Roadway Status: Full Closure ✓

Add/Edit Location

County:

Roadway:

Direction:

Begin Location:

End Location:

Add/Edit Local Road Location

Facility Type: Local Road

County: WAUKESHA ✓

Roadway: Lawnsdale Road ✓

Direction: EB ✓

Begin Location: Oakdale Drive ✓

End Location: STH 164 ✓

Drawing Local Road:

Click on the map to add a point and activate the line drawing tool. With the line drawing tool active, click on the map to add new points to make up your line. Double-click to finish drawing. Click the blue checkmark for more information.

Confirm Cancel Reset



Local Road Closures

- Click on 'save'

Add Facility

To add a facility, begin by selecting a Facility Type and Roadway Status. Then, schedule the facility using the calendar pop-up, fill out the lane closure diagram (if visible), and add the facilities location using the location pop-up. Finally, fill out the restriction details and detour information where required.

Facility Type: Local Road ✓

Schedule Closure

From 12:00 AM on 03/04/2024 to 11:59 PM on 03/31/2024.

Roadway Status: Full Closure ✓

Add/Edit Location

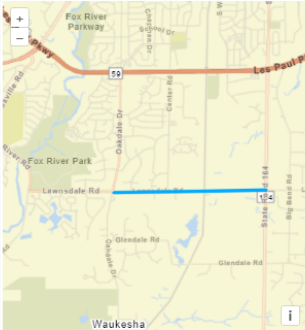
County: WAUKESHA

Roadway: Lawnsdale Road

Direction: EB

Begin Location: Oakdale Drive

End Location: STH 164



Signed Detour Available No

Detour Route Info

Additional Information

Save

Cancel

- Click on 'submit closure'

Request Closure

250079 | Construction | Draft

Add Facility

Edit General

Project ID: 0117-02-21

General Description: Maintenance Shouldering STH 77, WCL to STH 13 | STH 77, Ashland County | ASHLAND

Construction Type: Paving Operation

Other:

TMP ID(s):

Requestor Team: Erin Schwark (schwarka)

Primary Contact: Erin Schwark (schwarka) 715-231-1600

Prime Contractor: Chris Mills (cmills28) (000) 000-0000

Emergency Traffic Control Contractor: Chris Mills (cmills28) (000) 000-0000

Law Enforcement:

Other Contact:

Facility 1 | Local Road

Edit

Roadway Status: Full Closure

Duration: From 12:00 AM on 03/04/2024 to 11:59 PM on 03/31/2024

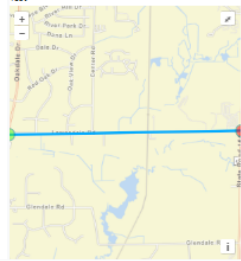
County: WAUKESHA

Roadway: Lawnsdale Road

Direction: EB

Begin Location: Oakdale Drive

End Location: STH 164



Signed Detour Available No

Detour Route Info

Additional Information

Add Facility

Cancel Request

Save as Draft

Submit Closure



Local Road Closures - Reminders

- Local Road closures do not have to be accepted by the Regional Manager
- If you are entering local road closures, in order for the closure to show up, a 511 Construction Projects Website must be set up.

The screenshot displays the '511 Wisconsin Construction Projects' website. The header includes the 'CONSTRUCTION 511 WISCONSIN PROJECTS' logo and the 'DEPARTMENT OF TRANSPORTATION 511 Wisconsin Construction Projects' text. Navigation links include '511 Projects Home', 'Contact 511 Projects', 'Help', 'Site Index', '511 Wisconsin', 'My 511wi', and 'Wisconsin DOT'. The main heading is 'WIS 145 Bridge Improvements' for 'Milwaukee County'. A navigation bar contains 'OVERVIEW', 'PROJECT DETAILS', 'PROJECT UPDATES', 'MAP', 'CLOSURES', and 'CONTACT US'. The 'MAP' section shows a map of Milwaukee with a red line indicating a closure on N. 86th Place to N. 79th Street. A pop-up box provides details: 'Description: Local Road Right Lane Closed on - EB from N. 86th Place to N. 79th Street', 'Detour:', 'Start: 03/01/2024', and 'End: 05/13/2024'. A sidebar on the right lists 'WI 511 Real-time Traveler Information' (Incidents, Lane Closures, Future Lane Closures, Cameras, Message Signs, Traffic Speed (mph), Winter Roads) and 'WI 511 Construction Project Information' (Project Details, Ruth Street Pedestrian).



Emails

- Automatic
 - TMC Full Closures
 - Auto-Completion
- Subscription Based

Email Subscription

Users can subscribe to the following emails.
Please select the ones you are interested in.

(Suggested for Requesters)

- ☒ Email me when a closure I entered is accepted/rejected.
- ☒ Email me when a Pending Change I entered is accepted/rejected.

Submit

Cancel



Reports

- Closures in Violation of the Advanced Warning Guidelines
- Auto-Accepted Closures
- Closures Not Auto-Accepted
- End of Year Report
- Total Lane Miles of Work Zones



Coming this Summer

- Updates to Calendar Tool to allow users to enter two closure timeframes in one day
- Mapping Detour Routes which will then show up in 511WI
- Updates to acceptance/auto-acceptance for Regional Managers
- Multi-select the type of work taking place – bridge, pavement, etc.



Live Demo


- Setting up a Project with Allowable Hours
- Requesting a closure
 - Replicate/As-Is, Edit Lane Diagram, Calendar Tool
- Edit the closure
- Copy the closure
- Review Reports
- 511 Local
- Review User Preferences



Additional Guidance

- WisLCS Documentation

- <https://transportal.cee.wisc.edu/closures/manual.html>



Wisconsin Traffic Operations and Safety Laboratory
The WisTransPortal System

The WisTransPortal system serves the computing and data management needs of the [Wisconsin Traffic Operations and Safety \(TOPS\) Laboratory](#), applications, and transportation research. [Learn more.](#)

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WisLCS Documentation

This page contains user documentation and training materials for the WisLCS Version 2.0.

[WisLCS Advance Notification Guidelines](#)
Advance notification guidelines for entering Lane Closure System requests. Updated March 2022.

[WisLCS 2.0 Beginner's Overview](#)
Introduction to WisLCS 2.0 Training Presentation. Updated June 2022.

[WisLCS 2.0 User Manual](#)
User Manual for the Wisconsin Lane Closure System Version 2.0. Updated June 2022.

WisLCS 2.0 Virtual Training Materials
Presentations and recorded sessions from the March 2022 Wisconsin Lane Closure Version 2.0 Virtual Training.

Construction Project Closures	Presentation	Recording
Maintenance / Permit Closures	Presentation	Recording
Regional Managers Training	Presentation	Recording

[WisLCS 2.0 FAQ](#)
WisLCS 2.0 Frequently Asked Questions. Updated March 2022.

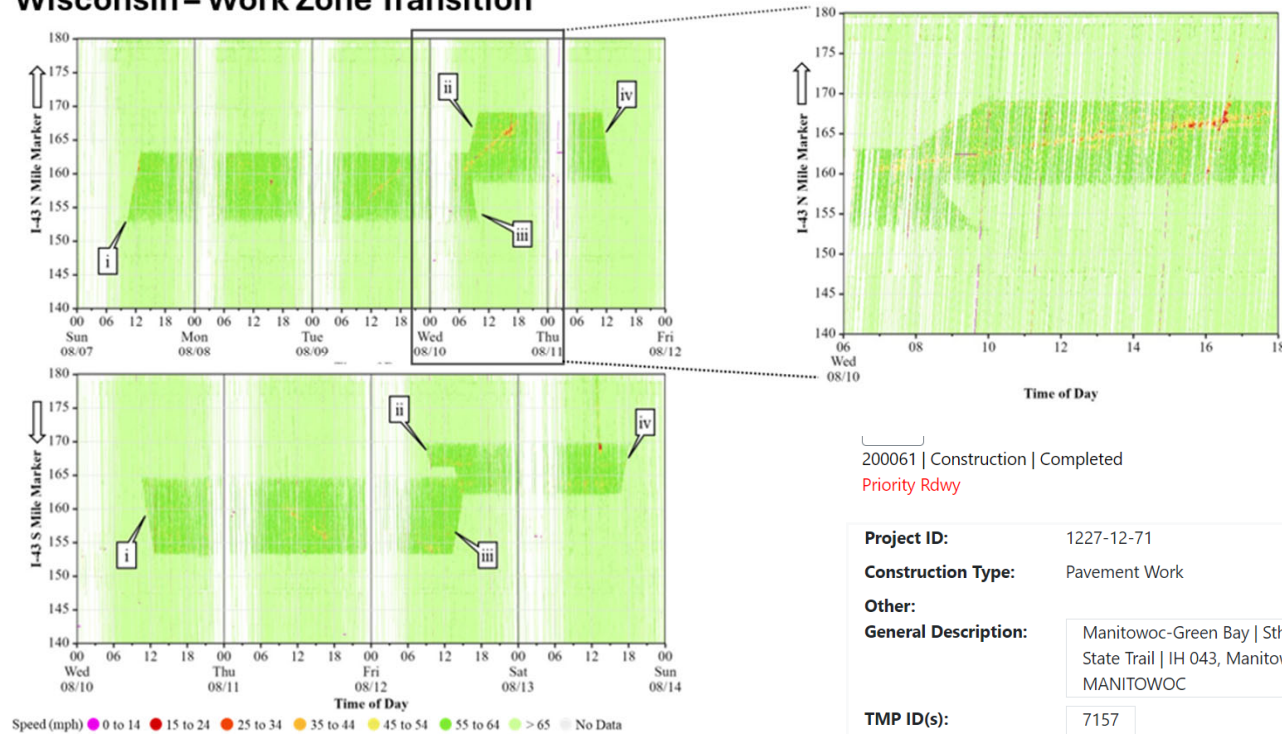
[Back to WisLCS Home](#)



Use Case

Figure 1. Wisconsin Work Zone along I-43 in August 2022.

Wisconsin – Work Zone Transition



200061 | Construction | Completed
Priority Rdwy

Project ID: 1227-12-71

Construction Type: Pavement Work

Other:

General Description: Manitowoc-Green Bay | Sth 310-Devil'S River State Trail | IH 043, Manitowoc County | MANITOWOC

TMP ID(s): 7157

Requestor Team: Michael Cohen (dotmyc)
Kyle Maroszek (msckpm)

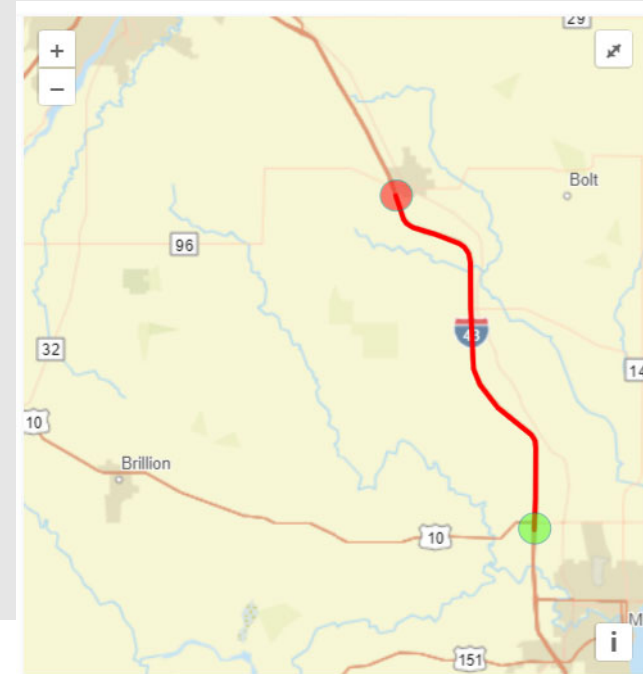
Primary Contact: Michael Cohen (dotmyc)
920-360-1476

Prime Contractor: Northeast Asphalt
920-579-1508

Emergency Traffic Control Contractor: Mega Rentals
608-669-3597

Law Enforcement: Manitowoc County Sheriff's Office
920-683-4200

Other Contact:



Questions???

Erin Schwark

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Steven Parker

sparker@engr.wisc.edu

Tech Support, User Account, Issues Entering Closures

wislcs@topslab.wisc.edu

