



LCS 2.0 Update – Maintenance and Permit

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Overview – Maintenance & Permit

- Updates
- Auto-Acceptance
- Emails
- Reports
- Issues
- Live Demo

The screenshot displays the Lane Closure System (LCS) web application. The top navigation bar is red and contains the following links: LANE CLOSURE SYSTEM, Home, Projects, Request, Search, Reports, 511 Local, Events, User Preference, Admin, Help, Contacts, Manage Account, and Log Out. Below the navigation bar, a breadcrumb trail shows the path: Transportal / Applications / WisLCS / Home. The main content area is divided into several sections: 1. Messages (2): A list of two messages. The first is 'LCS Training Updates' with a blue link. The second is 'Auto-Acceptance of Maintenance Shoulder Closures' with a blue link and an exclamation mark icon. 2. Color Key: A section with a blue link 'View Closure Status Color Key'. 3. Bookmarked Closures (0): A section stating 'No closures found.' 4. Footer: The bottom of the page features the text 'WisLCS Version 2.0' and 'Wisconsin Traffic Operations and Safety Laboratory' on the left, and two logos on the right: the Wisconsin Department of Transportation (WisDOT) logo and the Wisconsin Traffic Operations and Safety Laboratory (TOPE) logo.



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



Updates

- Auto-Completion of Closures
 - Email notification of closure nearing its end date (3 days prior)
- Width Restrictions
 - Require width for ALL closures
- Advanced Warning Guidelines

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



Updates

- Pending Changes
- Lane Diagram

Lane Structure

Left Shldr.

Left Through

Right Through

Right Shldr.

Open

Open

Open

Open

+ -

Close

Save changes

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Closure Actions

203927 | Construction | Accepted

Priority Rdwy Pending Change

Project ID:

0119-14-71

Construction Type:

Equipment Mobilization

Other:

General Description:

Maintenance Seal Coat STH 33, Forest Road to STH 73 | STH 33, Dodge County | DODGE

TMP ID(s):

Requestor Team:

Chris Mills (cmills28)

Primary Contact:

Chris Mills (cmills28)
000-000-0000

Prime Contractor:

ABC
(329) 049-2092

Emergency Traffic Control Contractor:

DEF
(390) 295-0292

Law Enforcement:

Other Contact:

Facility 1 | Mainline | Accepted

Priority Rdwy

Pending Change - Schedule

Facility Actions

Roadway Status:

Lane or Shoulder Closure

Left Shldr.

Lane

Lane

Right Shldr.

Closed

Closed

Open

Open

Duration:

Weekly from 03/15/2023 to 03/30/2023, 07:30 PM Wed - 05:30 AM Thu

Previous Duration:

Weekly from 03/15/2023 to 03/30/2023, 07:30 PM Wed - 06:00 AM Thu

Closure History

Modified Date	Modified By	Status	Applies To	Comment
03/15/2023 09:37 AM	cmills28	Accepted	Facility 1	Pending Change: Schedule
02/14/2023 08:10 PM	cmills28	Accepted	Closure	Initial Request. Auto-accepted

Auto-Acceptance

- Maintenance Shoulder Closures
- 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 in a single county
- Highways can be excluded
- View Regional Settings under User Preference – Rules for Auto-Acceptance

SE regional settings

Construction closure auto-acceptance: **De-activated**

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

For Maintenance shoulder-only closures, the following highways are excluded:

County	Highway
KENOSHA	I-41 NB
KENOSHA	I-41 SB
KENOSHA	I-94 EB
KENOSHA	I-94 WB
MILWAUKEE	I-41 NB
MILWAUKEE	I-41 SB
MILWAUKEE	I-43 NB

SW regional settings

Construction closure auto-acceptance: **De-activated**

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

For Maintenance shoulder-only closures, the following highways are excluded:

County	Highway
COLUMBIA	I-90 EB
COLUMBIA	I-90 WB
COLUMBIA	I-94 EB
COLUMBIA	I-94 WB



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
- End of Year User Report



Issues

- Start Dates

- Do not modify the start date of a closure that has already happened or is on-going

- Lane Closure Length

- Do not enter long county wide closures – need accurate information

- Rolling Closure

- These are defined as full freeway closures, with LE, lasting less than 15 min

- Flagging

- Should not be a continuous closure, almost always entered as daily



Issues

- Various Lanes Closed

- Should not be used for long term lane closures, short-term like maintenance operations

- Width Restriction 'TYPE'

- Drums – lane or shoulder closures
- Barrier – long term lane or shoulder closures
- None – flagging operations or moving lane closures



Live Demo


- Entering a Maintenance Closure
 - Daily
 - Edit lane diagram
 - Replicate in opposite direction and as-is
- Edit the closure
- Copy the closure
- Review Reports
- 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](#)



Questions???

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