

LCS 2.0 – Maintenance and Permit Erin Schwark

WisDOT, Statewide Work Zone Operations Engineer

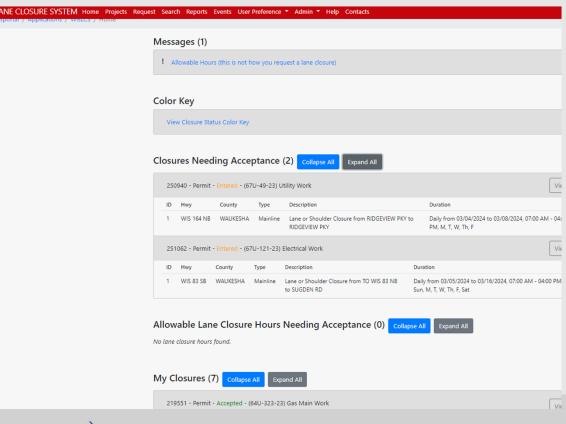
Steven Parker

Managing Director, UW-TOPS Lab

March 11, 2024 12:00-12:45 PM

Overview – Maintenance & Permit

- Accounts
- Reminders
- Auto-Acceptance
- Reports
- Emails
- Upcoming Features
- Live Demo







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:

- First, Last Name
- 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?

New User Account Request Form

For assistance with this page, contact your LCS administrator or email <u>wisicottooslab.wisc.eda</u>

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

- 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.









Reminders:

- 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

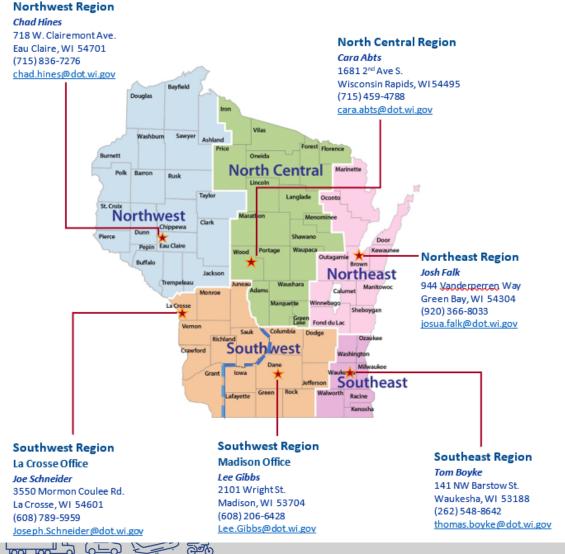


Closure type with height, weight, or width restrictions (available width, all lanes in one direction < 16 feet)	MINIMUM NOTIFICATION	
Lane and shoulder closures	7 calendar days	
Full roadway closures	7 calendar days	
Ramp closures	7 calendar days	
Detours	7 calendar days	
Closure type without height,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





LCS **Regional Contacts**





















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

E regional settings		
Construction closure auto-acceptance: De-activated		
Maintenance shoulder closure aut	o-acceptance: Activated	
For Maintenance shoulder-only clo	osures, the following highways are excluded	i:
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	

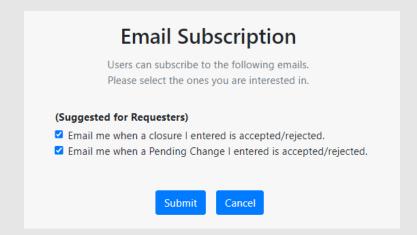
SW regional settings		
Construction closure auto-acceptance:	De-activated	
Maintenance shoulder closure auto-acc	eptance: Activated	
For Maintenance shoulder-only closure	s, the following highways are excluded:	
County	Highway	
COLUMBIA	I-90 EB	
COLUMBIA	I-90 WB	
COLUMBIA	I-94 EB	
COLUMBIA	I-94 WB	





Emails

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







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

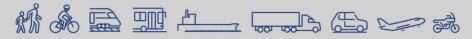




Live Demo

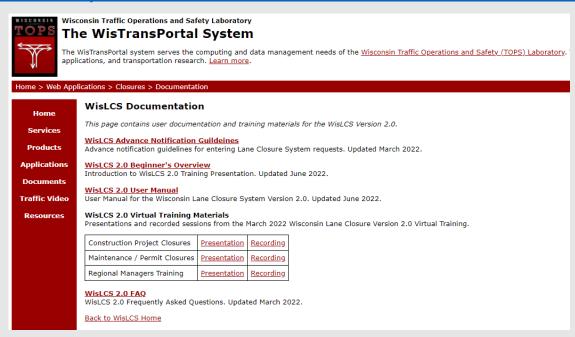
- Entering a Maintenance Closure
 - Daily
 - Edit lane diagram
 - Replicate in opposite direction and as-is
- Edit the closure
- Copy the closure
- Review Reports
- Review User Preferences





Additional Guidance

- WisLCS Documentation
 - https://transportal.cee.wisc.edu/closures/manual.html

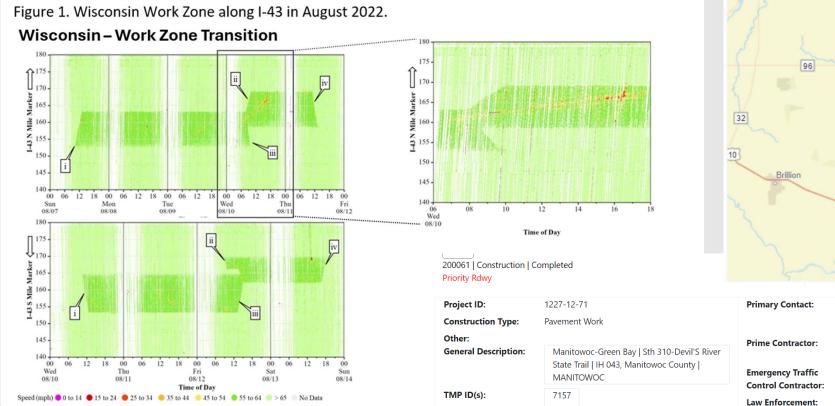








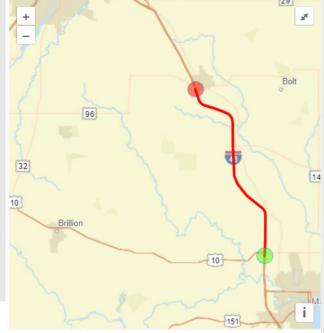
Use Case



Requestor Team:

Michael Cohen (dotmyc)

Kyle Maroszek (msckpm)



Michael Cohen (dotmyc) 920-360-1476

Manitowoc County Sheriff's Office

Northeast Asphalt

920-579-1508

Mega Rentals

608-669-3597

920-683-4200

Other Contact:

Questions???

Erin Schwark

<u>Erin.Schwark@dot.wi.gov</u>

Steven Parker sparker@engr.wisc.edu

Tech Support, User Account, Issues Entering Closures wislcs@topslab.wisc.edu



