

LCS 2.0 Update – Maintenance and Permit Erin Schwark

WisDOT, Statewide Work Zone Operations Engineer

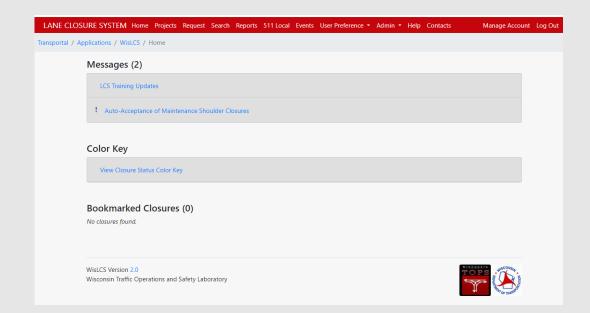
Steven Parker

Managing Director, UW-TOPS Lab

March 27, 2023 12:00-12:45 PM

Overview - Maintenance & Permit

- Updates
- Auto-Acceptance
- Emails
- Reports
- Issues
- 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





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



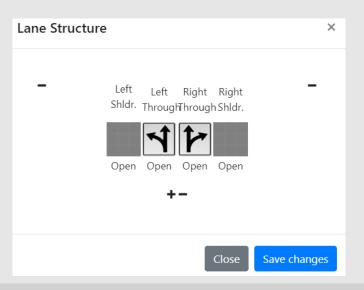
Closure type with height, weight, or width restrictions (available width, all lanes in one direction < 16 feet)	MINIMUM NOTIFICATION	
Lane and shoulder closures	7 calendar days	
Full roadway closures	7 calendar days	
Ramp closures	7 calendar days	
Detours	7 calendar days	
Closure type without height,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

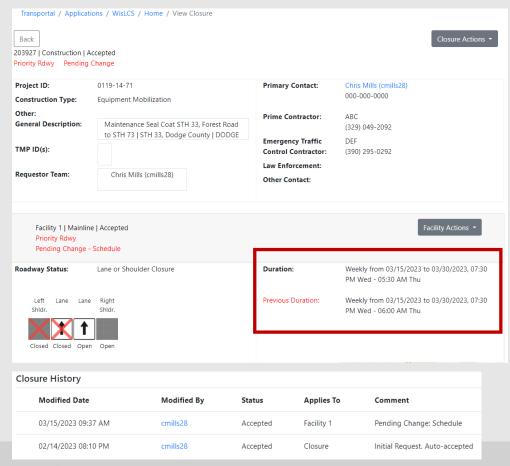




Updates

- Pending Changes
- Lane Diagram





















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 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		

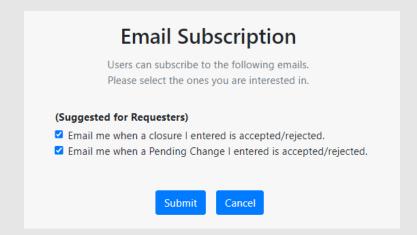
SW regional settings		
Construction closure auto-acceptance:	De-activated	
Maintenance shoulder closure auto-acc	eptance: Activated	
For Maintenance shoulder-only closure	s, the following highways are excluded:	
County	Highway	
COLUMBIA	I-90 EB	
COLUMBIA	I-90 WB	
COLUMBIA	I-94 EB	
COLUMBIA	I-94 WB	





Emails

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



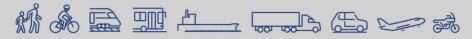




Reports

- Closures in Violation of the Advanced Warning Guidelines
- Auto-Accepted Closures
- Closures Not Auto-Accepted
- End of Year Report
- End of Year User Report





Issues

- Start Dates
 - Do not modify the start date of a closure that has already happened or is ongoing
- 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

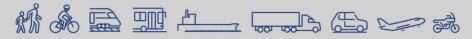




Live Demo

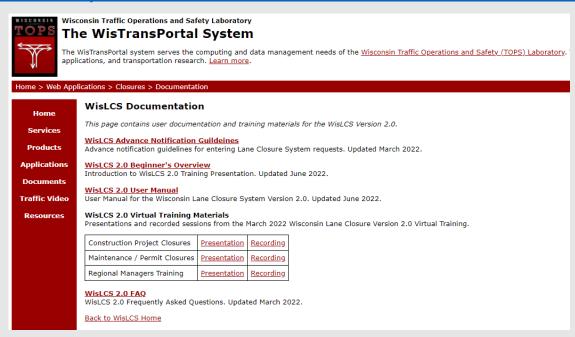
- Entering a Maintenance Closure
 - Daily
 - Edit lane diagram
 - Replicate in opposite direction and as-is
- Edit the closure
- Copy the closure
- Review Reports
- Review User Preferences





Additional Guidance

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









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



