

# WASHTO Technology Updates for Permit Systems

**SUPERLOAD CONNECT Edition**

**Bentley**<sup>®</sup>  
Advancing Infrastructure

Suspension Type  
 Power Unit VIN

Permit ID \*

From Date To Date

Carrier Name \*

Permit Type \*

Power Unit VIN \*

Suspension Duration

Suspension Date\* Reinstatement Date\*

Comments

Permit ID \*

From Date To Date

Carrier Name

Permit Type

Suspension Date Scheduled Reinstatement Date

Reinstatement Date Reinstatement Fee

Payment Type Reference No.

Comments

# Permit Suspension and Reinstatement

- Provides the permit office the capability to suspend and reinstate based on regulations





Violation ID  Permit ID

Citation No.

From  To

Violation

Number  Anywhere in the Name

Bridge ID

US DOT No.

Driver's First Name  Driver's Last Name  Driver's License No.  License State

Violation ID	Violation	Violation Date/Time	Permit ID	Plate	Driver's Name	Officer's Name	Last Update Date/Time	Last Updated By
0	Baltimore City Permit Violation	7/25/2019 12:00:00 AM	16129321101	ARTHUR J KINYON	XXXXYYYY	AAAA BBBB	7/26/2019 2:46:26 PM	SLTATUSER
T	Baltimore City Permit Violation	7/25/2019 12:00:00 AM	1716000101	ARTHUR J KINYON	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	7/26/2019 8:30:13 PM	SLTATUSER

Driver Information

Driver's First Name \*  Last Name \*  Driver's License No.  License State

Officer Information

Officer's First Name \*  Last Name \*  Officer ID \*

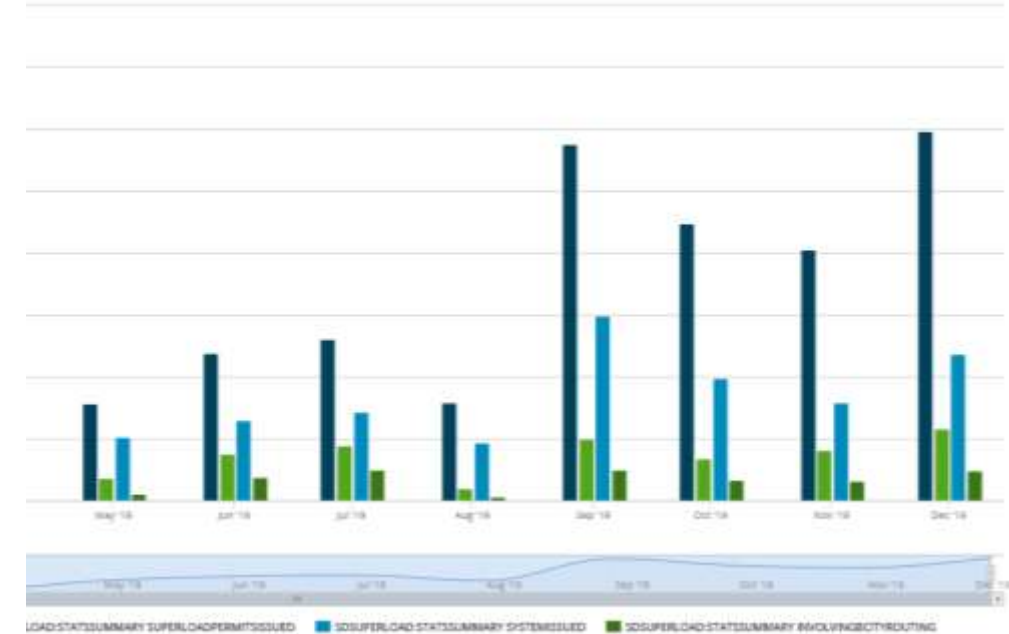
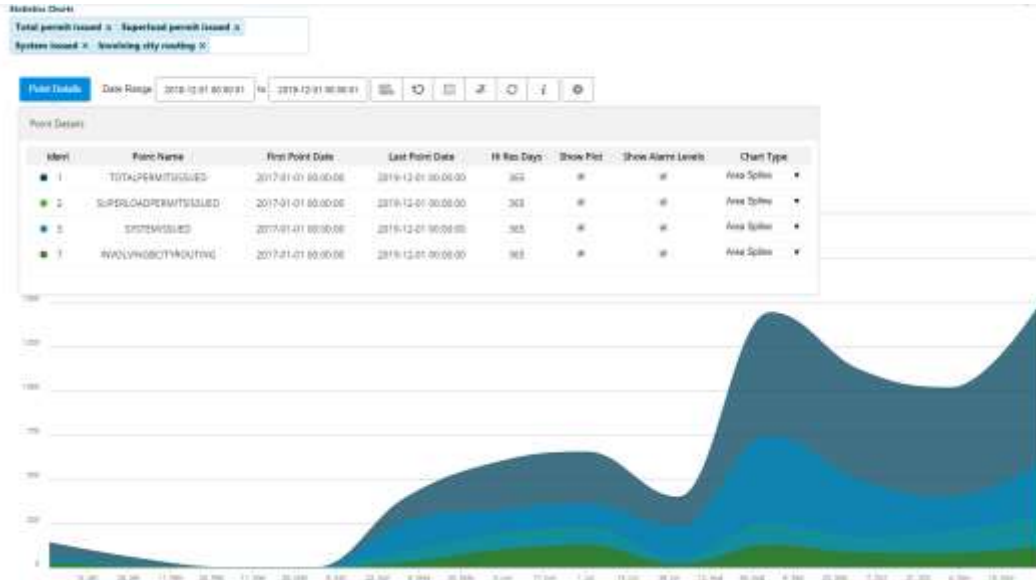
Comments

Notify permit office to cancel the permit

# Permit Violation/Citation Management/Bridge Hit Tracking

- Record and update permit violations with details including bridge hit locations. Can be configured based on state rules and requirements

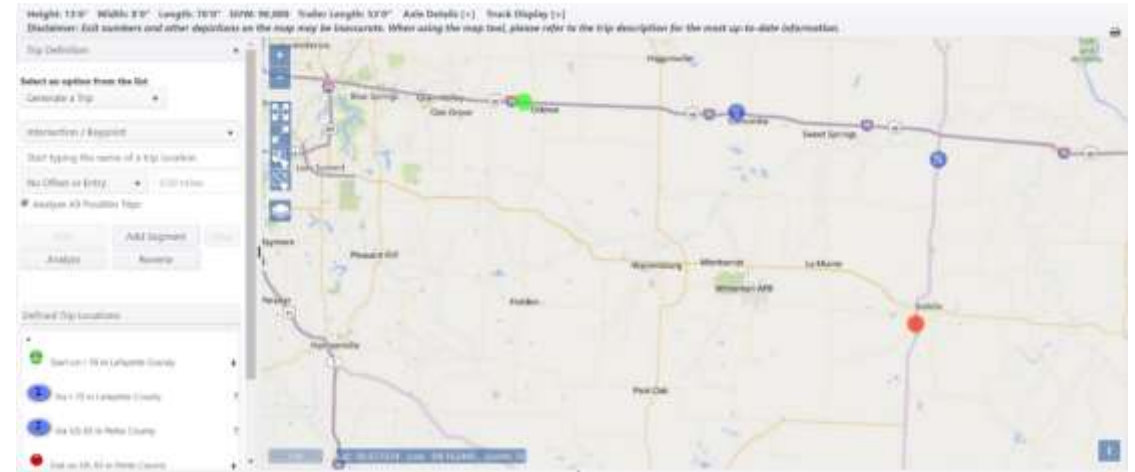
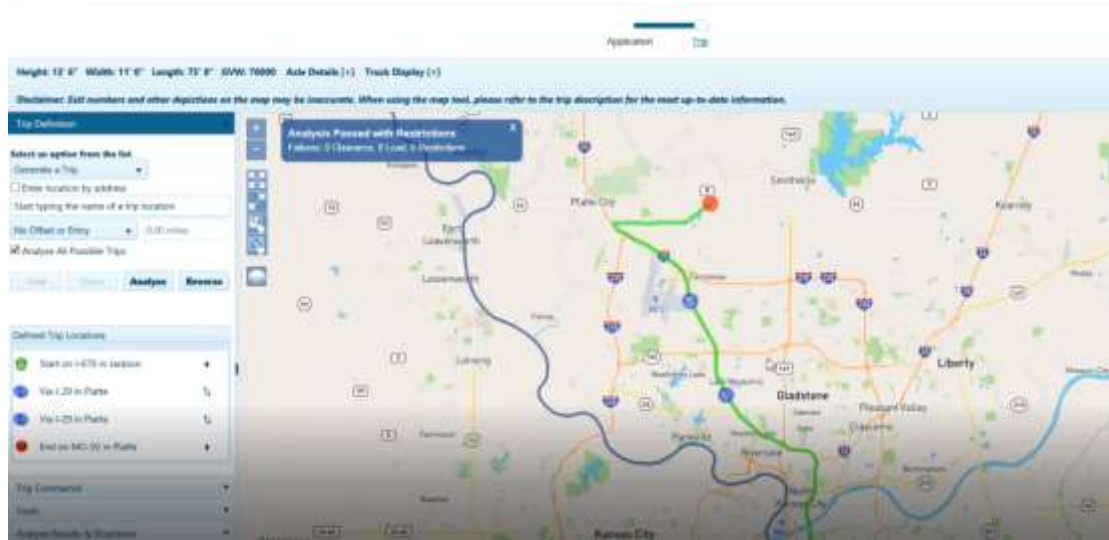




# Enhanced Permit Statistics

Provides more power and flexibility to analyze statistical data





# Routing with Unlimited Vias





- Allows users to add via points to support specialized trip movement



### Trip Description

Trip: Start on I-68 EB at MP Garrett 0.00 (State Border of West Virginia), US-40AL (Baltimore Ave) (Exit 44) WB, Shades La NB, MD-144 EB, I-68 (Exit 47) EB, I-70 (Exit 82) EB, I-695 (Exit 91) EB, I-95 (Exit 33) SB, MD-150 (Eastern Ave) (Exit 59) WB, Kane St SB, Dundalk Ave SB, Dunhill Rd WB, End on Dunhill Rd at MD-695A Intersection at MP Baltimore 0.56 (Dmt Truck Gate, Dundalk Marine Terminal At Broening Hwy)




Start on I-68 at State Border of West Virginia, End at MD-695A Intersection at MP Baltimore 0.56 (Dmt Truck Gate, Dundalk Marine Terminal At Broening Hwy)

- Start on I-68 at State Border of West Virginia
- Head east for 44.55 miles to US-40AL (Baltimore Ave)
-  For bridge 110038031 on route I-68 in Garrett county (MAPLE ST, BEAR CREEK) - Cross at road centerline. No other vehicle on the structure during crossing.
-  For bridge 110050031 on route I-68 in Garrett county (SHADE HOLLOW ROAD) - Cross at road centerline. No other vehicle on the structure during crossing.
-  For bridge 010115031 on route I-68 in Allegany county (MD 55) - Cross at road centerline. No other vehicle on the structure during crossing.
- Make a U-turn and drive for 0.12 miles west to Shades La
- Turn right and drive for 1.64 miles north to MD-144
- Turn right and drive for 1.13 miles east to I-68
-  For bridge 010091001 on route MD-144 in Allegany county (EVITTS CREEK) - Cross at road centerline. No other vehicle on the structure during crossing.

### Trip Description

Trip: Start on I-81 SB at MP Washington 12.08 (State Border of Pennsylvania (Exit 3) EB, I-270 (Exit 53) SB, MD-118 NB, End on MD-118 at MD-355 Inter: MP Montgomery 7.08

Start on I-81 at State Border of Pennsylvania, End at MD-355 Intersecti  
Montgomery 7.08

-  Start on I-81 at State Border of Pennsylvania
-  Head south for 8.46 miles to I-70
-  Turn left and drive for 27.26 miles east to I-270

# Enhanced Trip Directions (available on mobile soon)

- Addresses the request for detailed step by step directions for the haulers



Permit ID: 18036019101    Start Date: 01/22/2018    End Date: 01/27/2018

Organization: Select from list ...    Escort: 1

Available Time Slot: Select from list ...    Start Time \*: 01/22/2018 08:30 AM    End Time \*: 01/22/2018 11:30 AM

Officer Name: Select from list ...    First Name:    Last Name:    Badge No./ID:

Officer Email Address:    Officer Phone No.:    Notify officer by email:     Notify officer by text:

Driver Email Address:    Driver Phone No.:    Notify driver by email:     Notify driver by text:

Status: Scheduled     Cancel All Escorts

Comments:

Update   

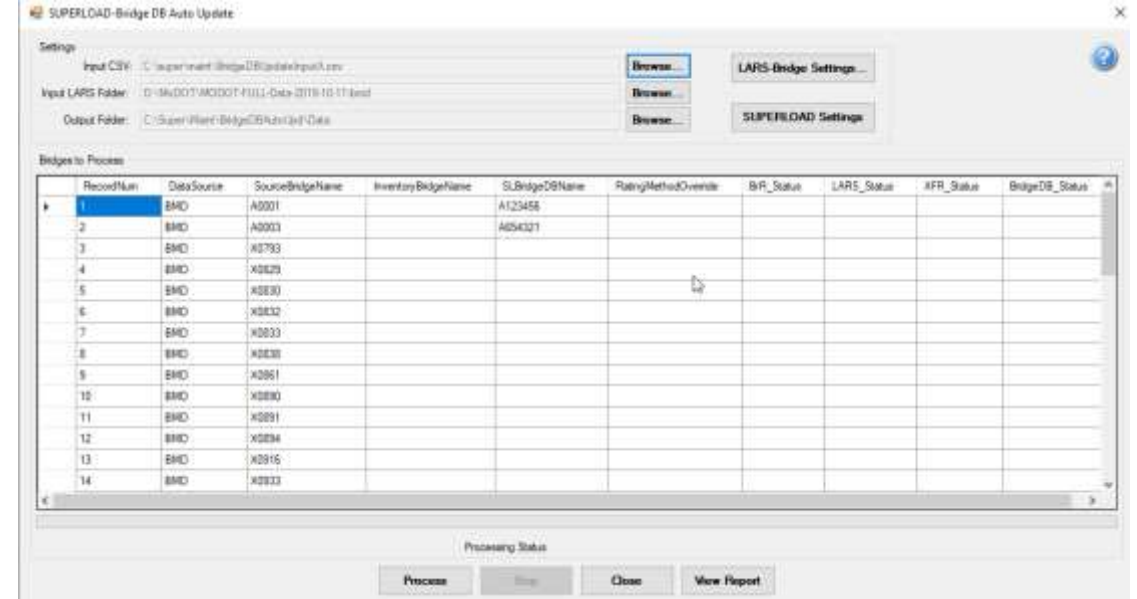
April 27, 2018    Eric Williams (9834657)

8 <sup>AM</sup>		
9	Permit Number - Status	<p>Start: 5/16/2018 10:30 AM</p> <p>End: 5/16/2018 10:45 AM</p> <p>Comments:</p> <p>Last updated: 5/16/2018 10:30 AM</p> <p>Last updated by: jynch</p>
10		
11		
12 <sup>PM</sup>		
1		
2		

# Escort Management

- Provides a group of functions that allows users to request, schedule and report police escorts for permits





# One Click Bridge Data Management

- Working significant bridge analysis updates that will make data maintenance much easier





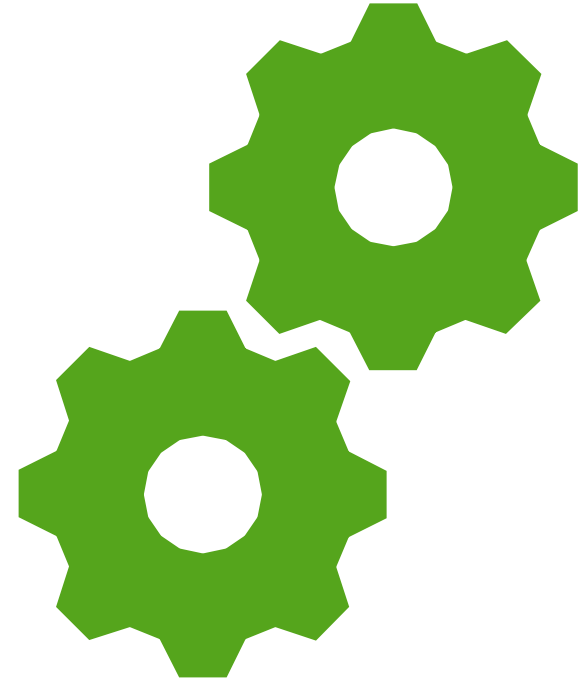


## Digital Twin Services

- Digital twins enable you to visualize infrastructure assets across the entire asset lifecycle, track change, and perform analysis to optimize asset performance creating a living digital representation of your assets
- The goal is to have a more detailed, real-world model of the roads we are moving the vehicle through and to find more potential routing impacts (signs, traffic signals, wires,...)
- Another objective is to collect measurements that will apply to vehicles from the detailed real-world data

# Bentley Solutions

- Bentley has a breadth of products. One of the key things we are doing with all of our users is to bring all of this together in a much easier to manage environment
- We are enabling the flow of data from design and construction through to operations for permitting and routing, integrating our design tools with our network editing and management, inspections, and optimization processes
- We are excited about the complete solution we can provide



# SIG Calls Route Data Miner Tech Talk



As a reminder, we have special interest group (SIG) calls and hold tech talks regularly.



Our next tech talk in March will focus on all you can do with the historical data the permitting and routing processes produce.



If you aren't getting those invites, please let us know.