

RITIS User Group

RITIS User Group Web Meeting
June 4, 2026



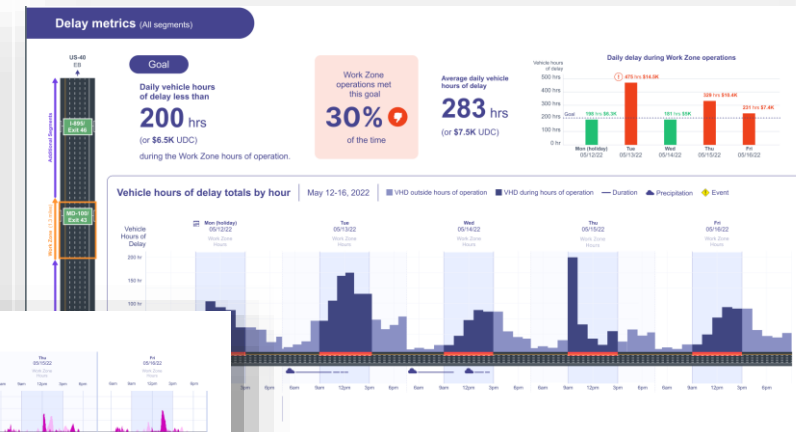
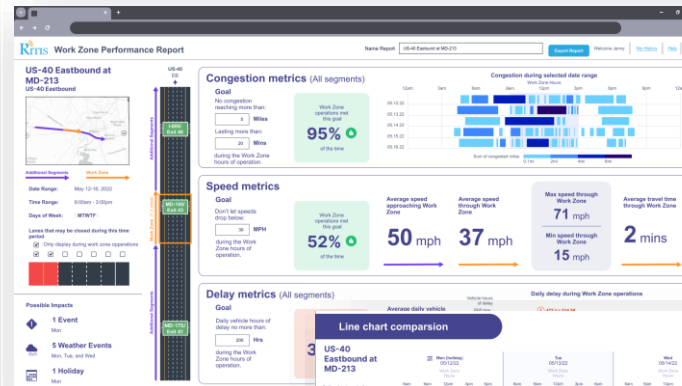
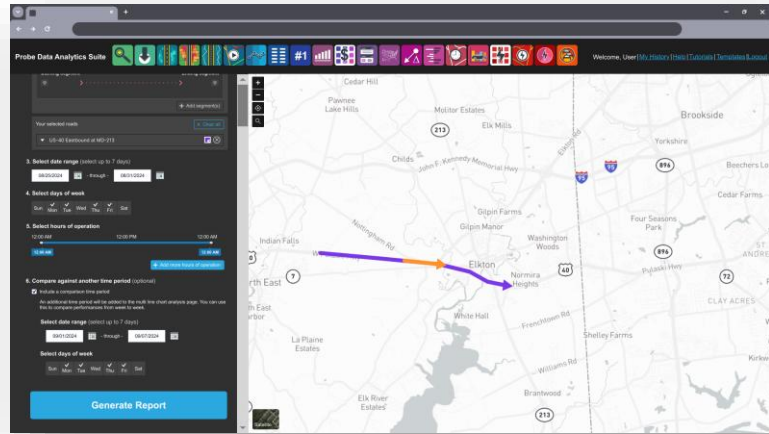
Enhancement Group Update

Bob Frey
Director of Project Planning & Development
Chair, RITIS Enhancement Group
Massachusetts DOT



Recently Funded Enhancement Group Items

- ✓ Automated Work Zone Report (finished & deployed)



- ✓ Truck Parking Analytics (rollout happening now)
- ✓ Speed & Travel Time Dashboard Trend Graphs

PennDOT Prep for World Cup Matches

FIFA WORLD CUP 2026

PHILADELPHIA MATCHUPS

GROUP STAGE

**CIV** v. **ECU**

M9 | Sun, June 14 | 7 PM

**BRA** v. **HAI**

M29 | Fri, June 19 | 9 PM

**FRA** v. **PO 2** 

M42 | Mon, June 22 | 5 PM

KNOCKOUT ROUNDS

**ROUND OF 16**

M89 | Sat, July 4 | 5 PM



Philadelphia Eagles are appointed as Non-Exclusive Sales Agent of On Location in the United States for the sale of the FIFA World Cup 26™ Official Hospitality Programme

All match times reflect the host city's local time and are subject to change.

THE EASTERN TRANSPORTATION COALITION | RITIS PRODUCT ENHANCEMENT WORKING GROUP | DECEMBER 10, 2024

4

District of Columbia: I-395 (SW Freeway) & I-695 (SE Freeway)



Corridor	Average Speed			Travel Time		
	Differential	Current	Historical	Differential	Current	Historical
▶ I-395 NB between Memorial Bridge and I-695	↓ 2	19 mph	21 mph	0	6m	6m
▶ I-395 SB between I-695 and Memorial Bridge	↓ 8	21 mph	29 mph	↑ 2	6m	4m
▶ I-395 (HOV) NB between Memorial Bridge and I-695	↑ 6	23 mph	17 mph	↓ 1	2m	3m
▶ I-395 (HOV) SB between I-695 and Memorial Bridge	↓ 10	35 mph	45 mph	0	1m	1m
▶ I-395 NB between Memorial Bridge and I-695	↓ 11	13 mph	24 mph	↑ 4	9m	5m
▶ I-295 SB between I-395 and 11Th St Bridge	↑ 1	47 mph	46 mph	0	2m	2m

Data source: INRIX TMC

Updated Jun 3, 2026 8:29 AM (21s ago)

District of Columbia: Potomac River Bridge Crossings (Between DC & VA)



Corridor	Average Speed			Travel Time		
	Differential	Current	Historical	Differential	Current	Historical
▶ I-395 (HOV) NB between Memorial Bridge and Ohio Dr	↑ 6	23 mph	17 mph	↓ 1	2m	3m
▶ I-395 (HOV) SB between Ohio Dr and Memorial Bridge	↓ 10	35 mph	45 mph	0	1m	1m
▶ I-395 NB between Memorial Bridge and Ohio Dr	0	17 mph	17 mph	0	3m	3m
▶ I-395 SB between Ohio Dr and Memorial Bridge	↓ 7	31 mph	38 mph	↑ 1	2m	1m
▶ I-66 EB between US-50/Arlington Memorial Bridge and US-50/Potomac River Fwy/E Street Expy	↓ 7	18 mph	25 mph	↑ 1	2m	1m
▶ I-66 WB between US-50/Potomac River Fwy/E Street Expy and US-50/Arlington Memorial Bridge	↓ 9	35 mph	44 mph	0	1m	1m
▶ ARLINGTON MEMORIAL BRG WB between Ohio Dr and George Washington Memorial Pkwy	↓ 3	33 mph	36 mph	0	1m	1m
▶ ARLINGTON MEMORIAL BRG EB between George Washington Memorial Pkwy and Ohio Dr	↓ 6	21 mph	27 mph	↑ 1	2m	1m
▶ FRANCIS SCOTT KEY BRG NB	0	7 mph	7 mph	0	1m	1m
▶ FRANCIS SCOTT KEY BRG SB	↓ 3	25 mph	28 mph	0	0m	0m
▶ CHAIN BRG EB	↑ 1	18 mph	17 mph	0	1m	1m
▶ CHAIN BRG WB	↑ 1	11 mph	10 mph	↓ 1	1m	2m

Data source: INRIX TMC

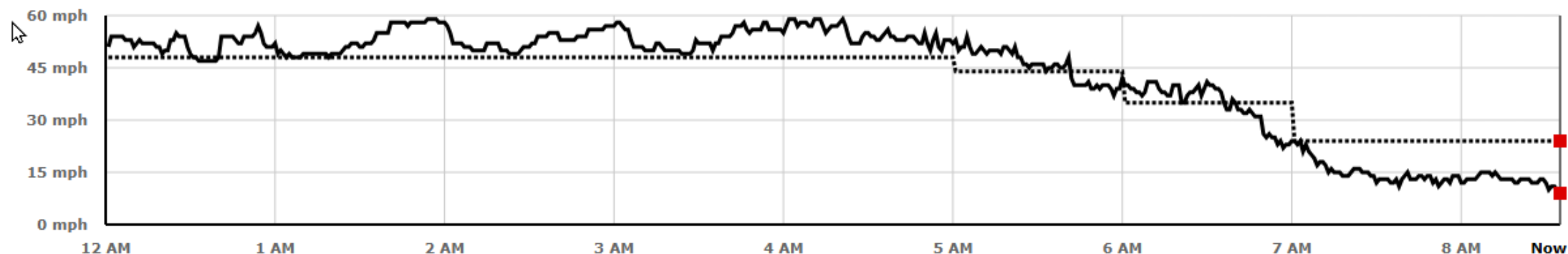
Updated Jun 3, 2026 8:29 AM (19s ago)

District of Columbia: I-395 (SW Freeway) & I-695 (SE Freeway)



Corridor	Average Speed			Travel Time		
	Differential	Current	Historical	Differential	Current	Historical
▶ I-395 NB between Memorial Bridge and I-695	↓ 3	18 mph	21 mph	↑ 1	7m	6m
▶ I-395 SB between I-695 and Memorial Bridge	↓ 4	25 mph	29 mph	↑ 1	5m	4m
▶ I-395 (HOV) NB	0	17 mph	17 mph	0	3m	3m
▶ I-395 (HOV) SB	↓ 9	36 mph	45 mph	0	1m	1m
▼ I-295 NB between 11Th St Bridge and I-395	↓ 15	9 mph	24 mph	↑ 7	12m	5m

☒ Average Speed
 ☐ Travel Time
 — Current Speed
..... Historical Speed



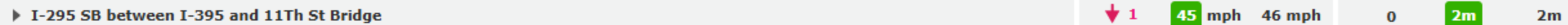
▶ I-295 SB between I-395 and 11Th St Bridge	↑ 2	48 mph	46 mph	0	2m	2m
---	-----	--------	--------	---	----	----

Data source: INRIX TMC

Updated Jun 3, 2026 8:36 AM (6s ago)



○ Average Speed ● Travel Time — Current Travel Time Historical Travel Time



Updated Jun 3, 2026 8:37 AM (22s ago)

Settings

District of Columbia: I-395 (SW Freeway) & I-695 (SE Freeway)

Graph settings

☒ Show graphs

☐ Choose a different start time for each road

☒ Choose a start time for all roads

12 : 00 AM

🕒

10 min

7 min

3 min

0 min

12 AM

1 AM

2 AM

3 AM

Graph settings

☒ Show graphs

☒ Choose a different start time for each road

☐ Choose a start time for all roads

I-395 NB between Memorial Brid...

12 : 00 AM

🕒

I-395 SB between I-695 and Mem...

12 : 00 AM

🕒

I-395 (HOV) NB

12 : 00 AM

🕒

I-395 (HOV) SB

12 : 00 AM

🕒

I-295 NB between 11Th St Bridge...

12 : 00 AM

🕒

I-295 SB between I-395 and 11Th...

12 : 00 AM

🕒

Travel Time

Current

Historical

7m

6m

5m

4m

3m

3m

1m

1m

12m

5m

8 AM

Now

I-295 SB between I-395 and 11Th St Bridge

↓ 1

45 mph

46 mph

0

2m

2m

Data source: INRIX TMC

Updated Jun 3, 2026 8:37 AM (22s ago)

Works in Progress

- Advanced Time Selection

Date rangeMonth(s)Year(s)

02/19/206-through-02/19/206

☒ Exclude dates

☐ 02/19/2026-through-02/19/2026

☐ Special and custom dates

Q Search

▼ Special dates

☐ Select all

☐ New Years

☐ Martin Luther King Day

☐ President's Day

☐ Memorial Day

▼ Custom dates

+ Add a custom date

☐ Select all

☐ Snow storm

☐ Superbowl 2025

☐ Superbowl 2026

☐ Winter weather

Day of week

✓ Sun

✓ Mon

✓ Tue

✓ Wen

✓ Thu

✓ Fri

✓ Sat

Aggregation

☐ Create a single time period for this range

☐ Create a time period for each day within this range

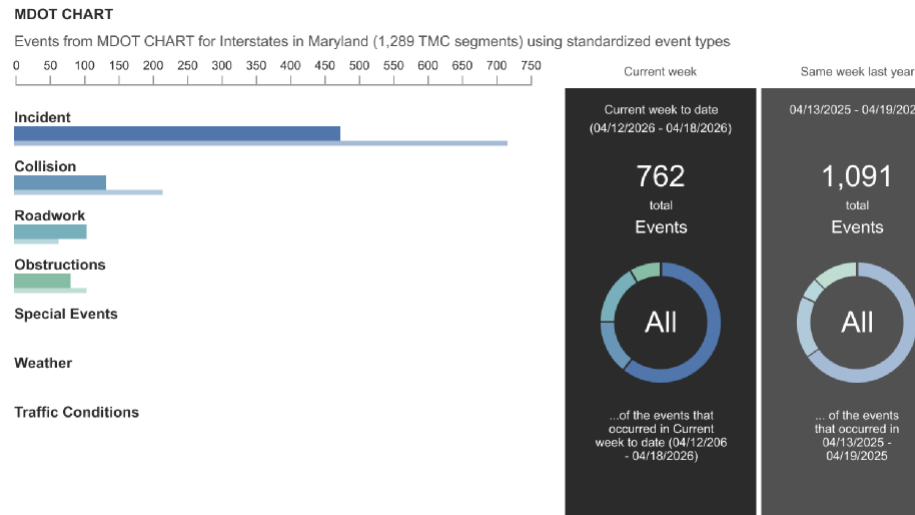
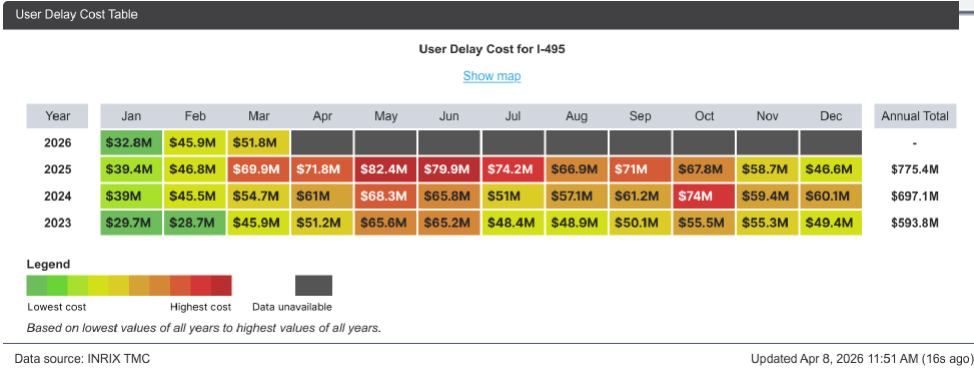
+ Add time period

NG GROUP | DECEMBER 10, 2024

9

Works in Progress

- Dashboard Sharing



Share

- ☒ Include widget header
- ☐ Header color
- ☒ Include widget footer

Create embed code with the above criteria

```
<iframe frameBorder='0' width='560' height='315' src='https://pda.ritis.org/embed/trend-map/?performanceMetric=speed&showWazeTrafficEvents=false&thresholds=%5B10%2C20%2C30%2C40%2C50%2C60%5D&requestTimeZone=America%2FNew_York&layout=grid&showPercentReadings=false&colors=%5B%22%2393278F%22%2C%22%23C1272D%22%2C%22%23ED1C24%22%2C%22%23F7931E%22%2C%22%23FCEE...'></iframe>
```

District of Columbia

- I-395 N
- I-395 S
- I-395 (I-495)
- I-395 (I-495)
- I-295 N
- I-295 S

Data source: INRIX TMC

Francis Scott Key Bridge

Chain Bridge

Chain Bridge

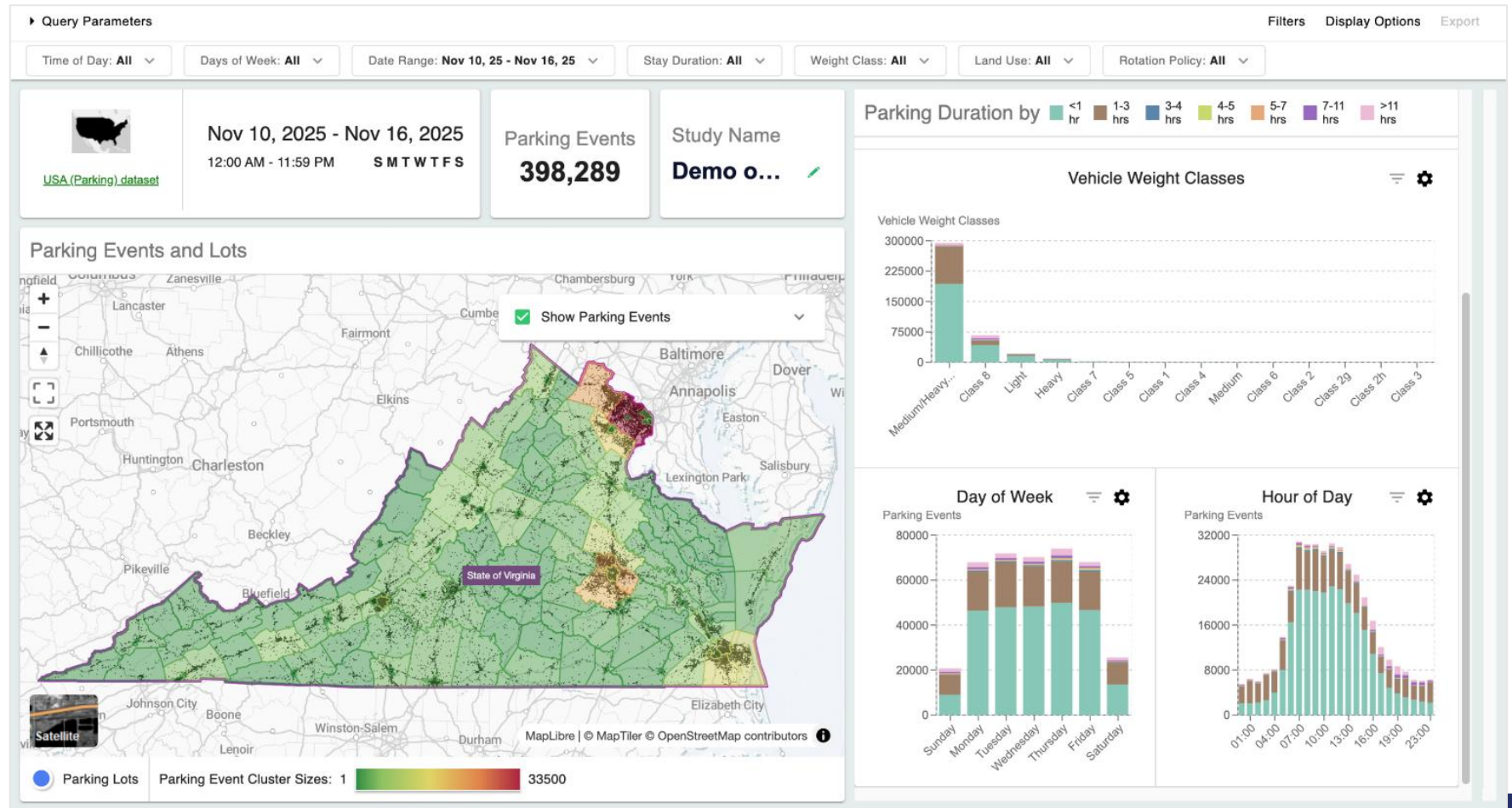
Data source: INRIX TMC

Updated Jun 3, 2026 8:29 AM (19s ago)

Truck Parking Update: Rolling out this week

Below: ~400,000 sampled truck parking events in Virginia, in one week

If your agency funds Trip Analytics, request truck parking access at support@ritis.org



DATASET

Inrix Fleet ...

ANALYSIS

Untitled Analysis

Study: Test MD 32 rest area

METRICS

2,400 / 2,400 Events

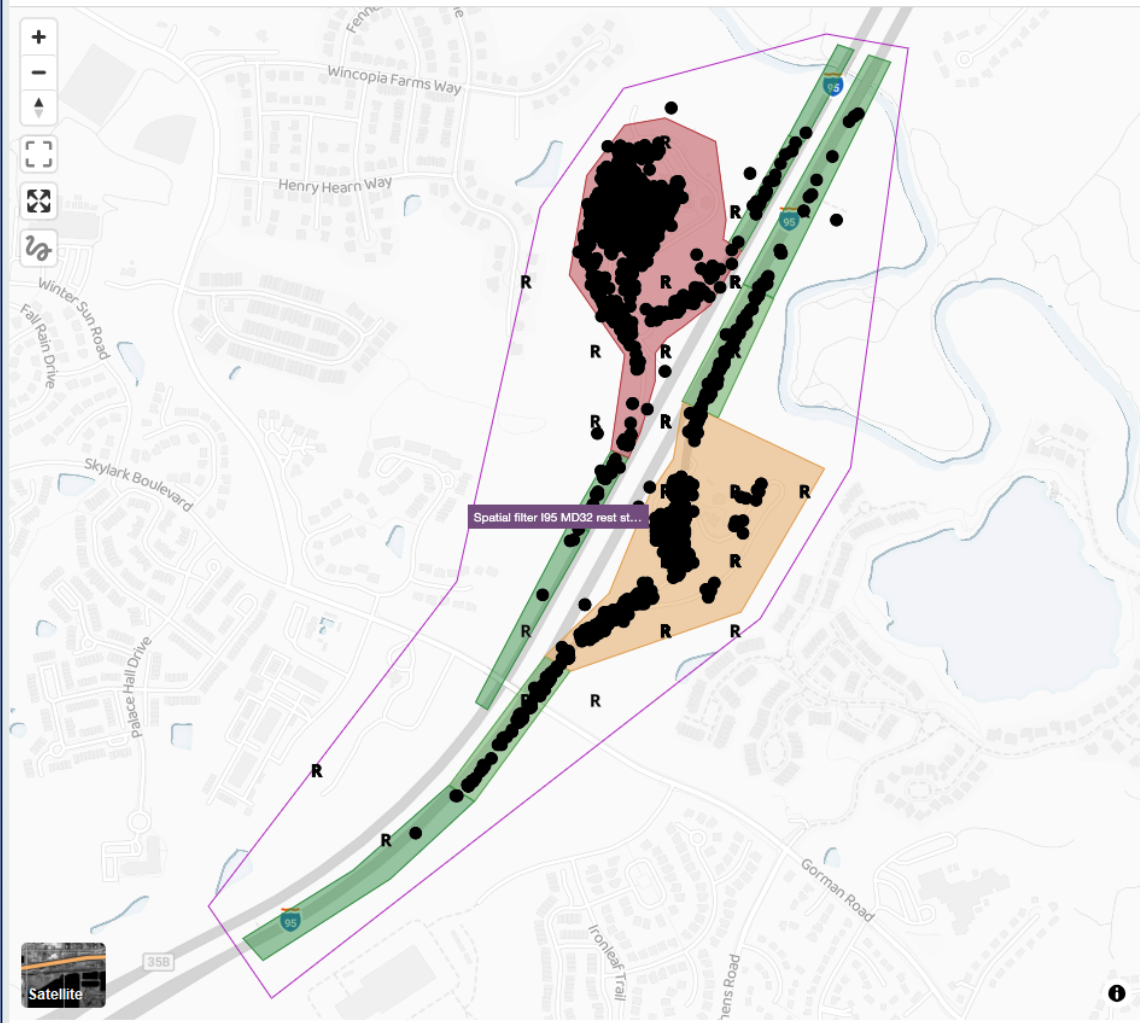
FILTERS

Apr 1, 26 - May 21, 26 ▾

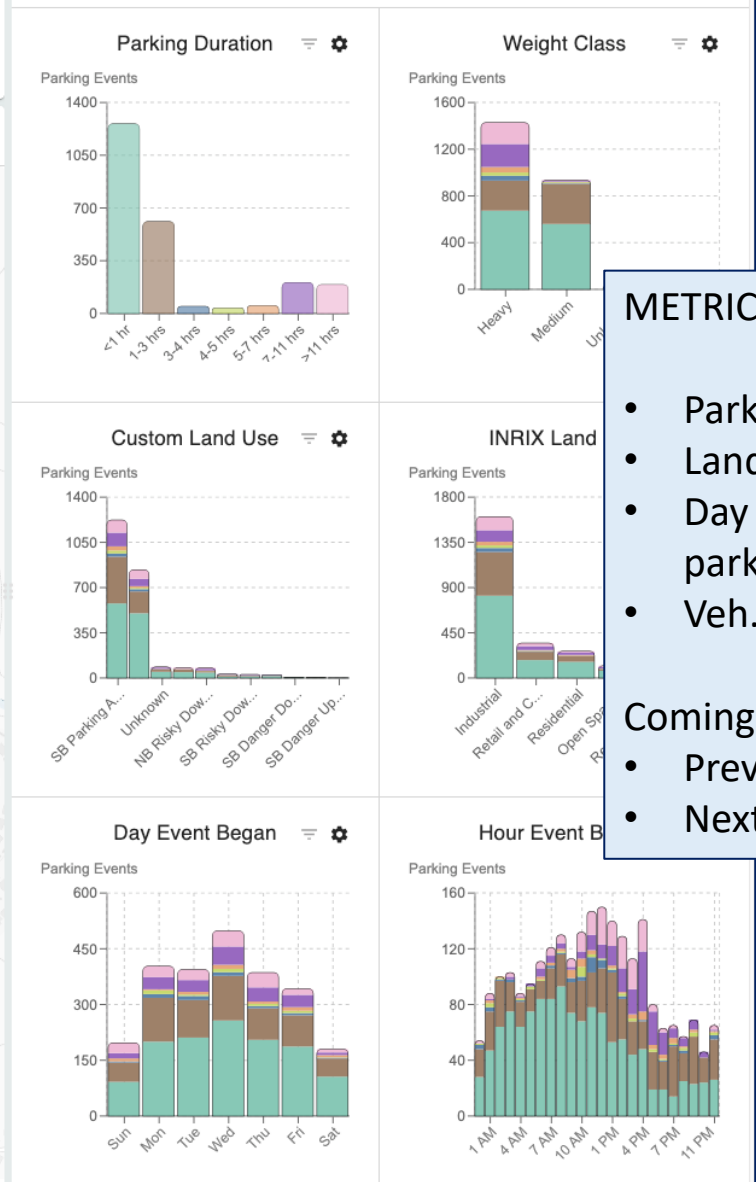
12am 📅 11pm 📅

S M T W T F S

Fleet Parking Map



Parking Events by Category

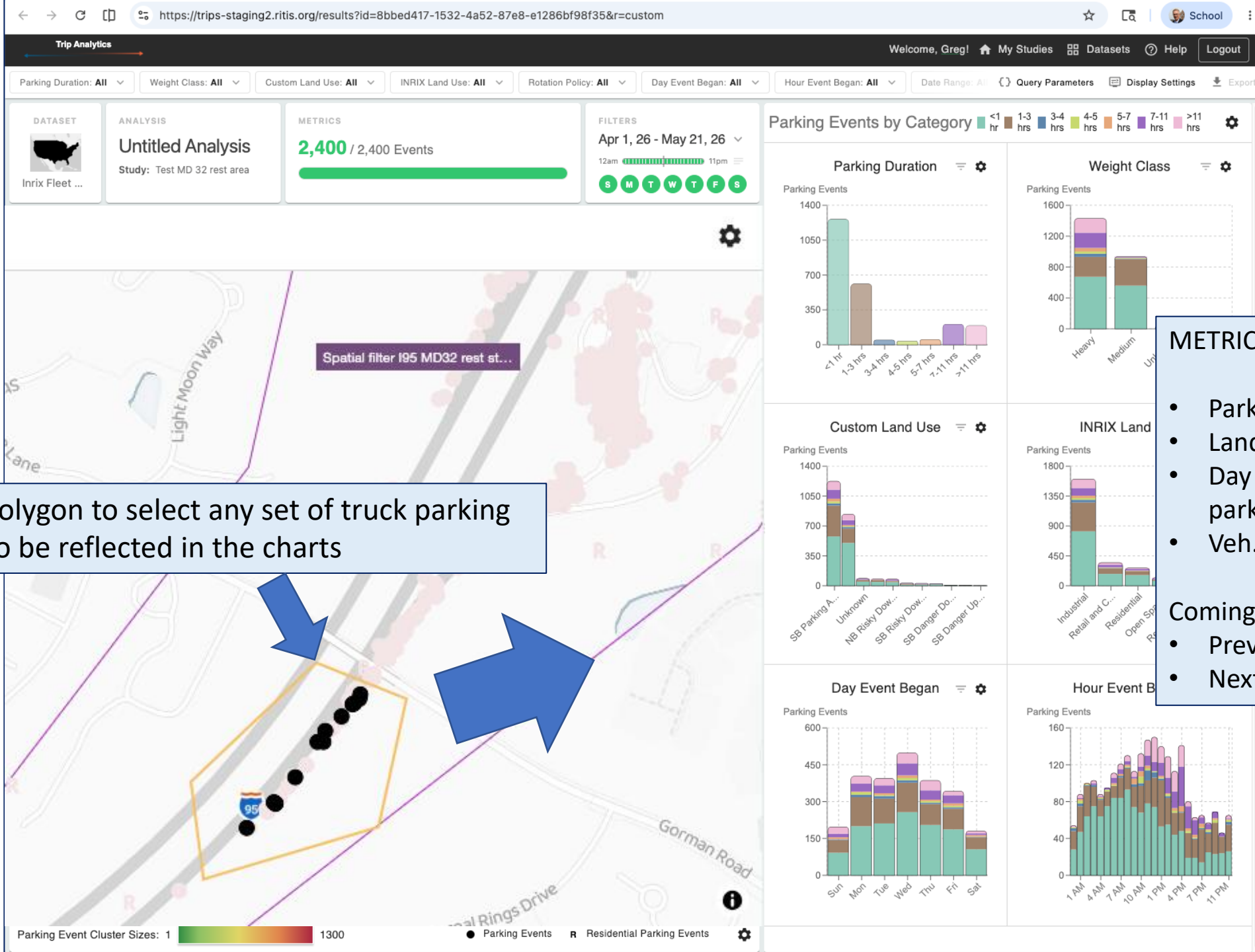


METRICS

- Parked duration
- Land use
- Day and hour parked
- Veh. weight class

Coming soon:

- Previous stop
- Next stop



Spot Speed Tool

Design Work Underway



Figure 7-1
Vehicle Spot Speed Study Form

State of Florida Department of Transportation										Form TSD-010-03 TRAFFIC ENGINEERING 10/15									
VEHICLE SPOT SPEED STUDY																			
General Information										Site Information									
Analyst/Observer: <u>K. Matthews</u>										Location: <u>137 Miles East of Northfork Cr.</u>									
Agency or Company: _____										City: _____									
Date Performed: <u>6/4/2008</u>										County: <u>Bedford</u>									
Time Period From: <u>9:00 AM</u> To: <u>11:00 AM</u>										Roadway ID: <u>Douglas Rd. - C.R. 949</u>									
Weather/Road Condition: <u>Dry, Good</u>										Milepost: <u>28.83</u>									
Posted Speed (mph): <u>55 MPH</u>										Remarks: <u>Concealment Quite Difficult</u>									

Vehicles traveling bound										Speed (mph)	Vehicles traveling East bound										Both Directions							
Cum Total	Total	20	15	10	5	5	10	15	20		Total	Cum Total	Total	Cum Total														
														≥ 80														
														78 - 79.9														
														76 - 77.9														
														74 - 75.9														
														72 - 73.9														
														70 - 71.9														
														68 - 69.9														
														66 - 67.9														
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														50 - 51.9	2 103													
														48 - 49.9	2 101													
														46 - 47.9	2 99													
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														42 - 43.9	9 92													
														40 - 41.9	18 83													
														38 - 39.9	23 65													
														36 - 37.9	21 42													
														34 - 35.9	15 21													
														32 - 33.9	4 6													
														30 - 31.9	1 2													
														28 - 29.9	1													
														26 - 27.9	1 1													
														24 - 25.9														
														22 - 23.9														
														20 - 21.9														
														18 - 19.9														
														16 - 17.9														
														14 - 15.9														
														12 - 13.9														
														10 - 11.9														
														≤ 10														
														TOTALS														

Travel Direction 1 →		Speed Data Summary	EAST BOUND	← Travel Direction 2	Both Directions
		85th Percentile Vehicle	88.4		
		85th Percentile Speed	43.1		
		10 mph Pace	33 - 43		

Texas Department of Transportation
Form 1882
5/96

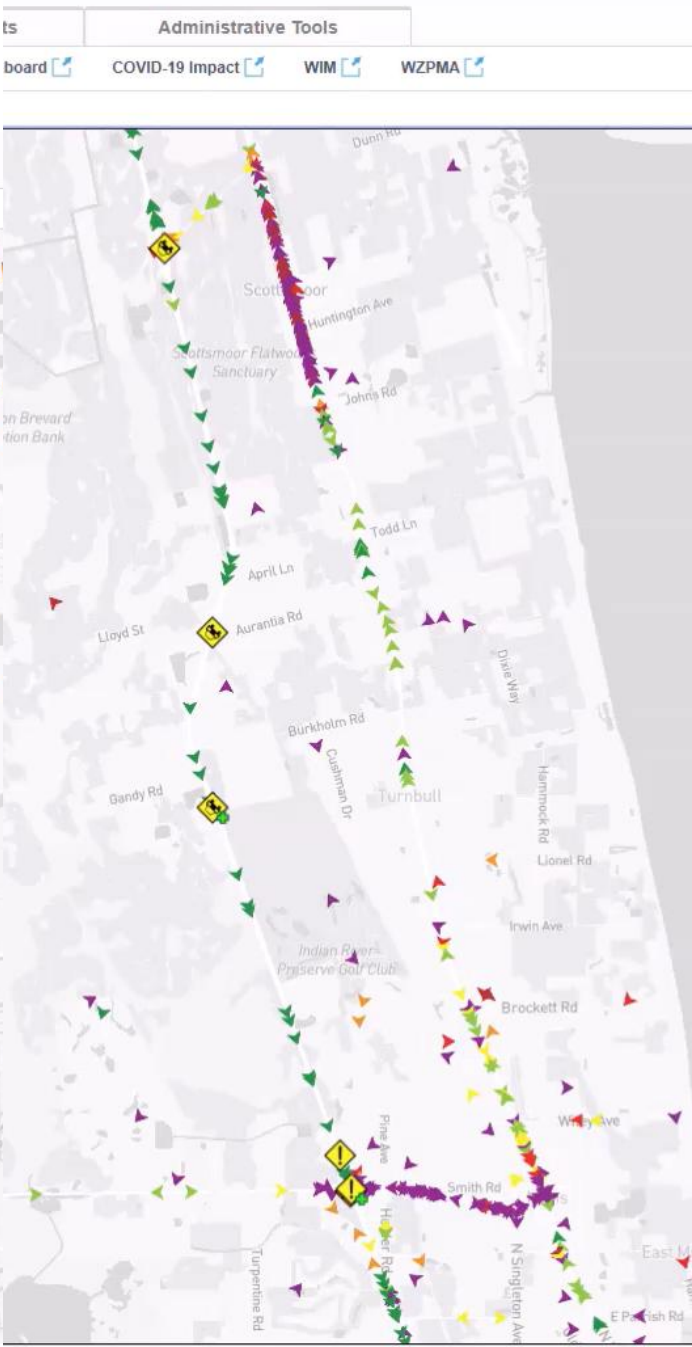
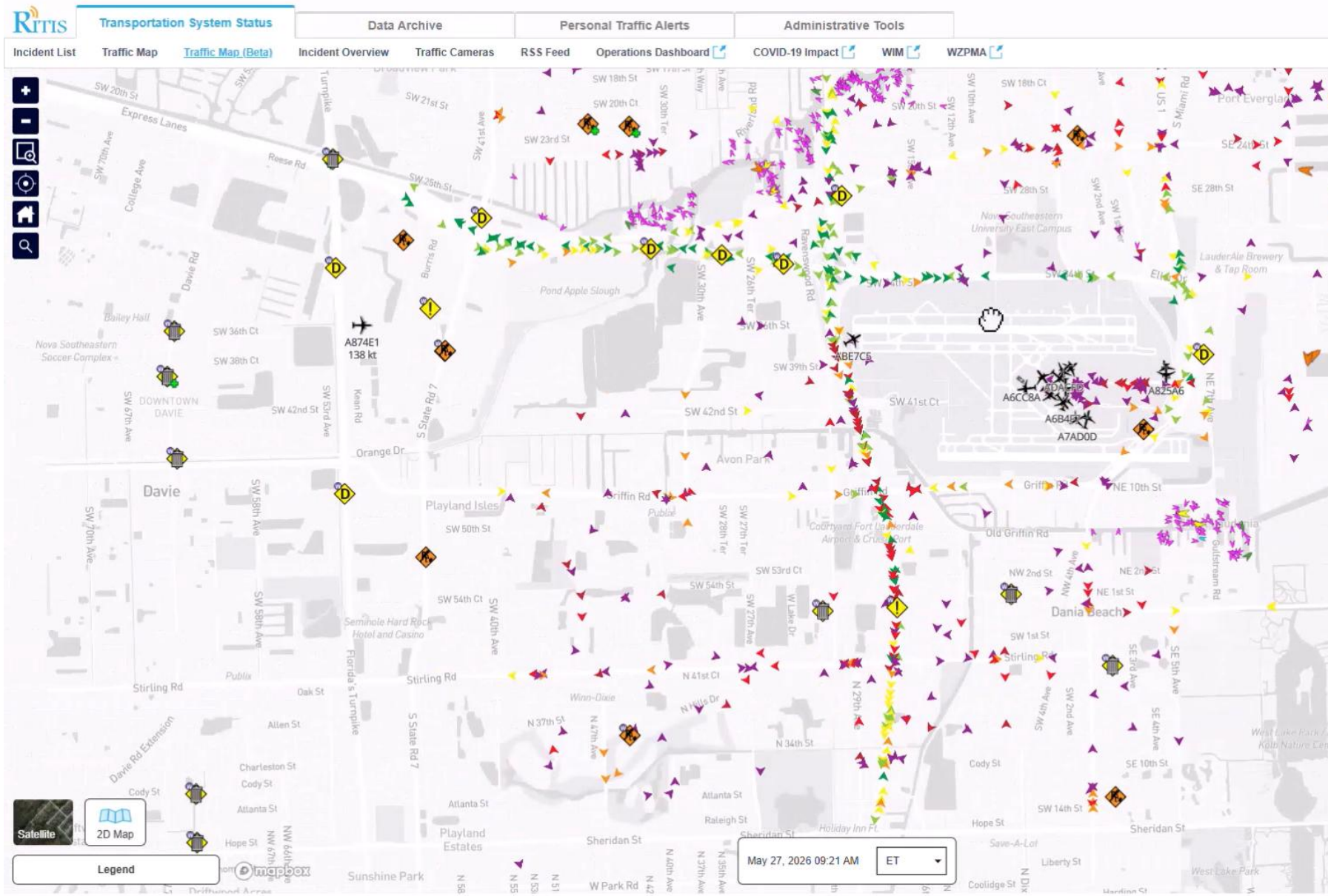
RADAR MOTOR VEHICLE SPEED
Field Tally Sheet

Date: 5-6-96 County: Randall Hwy: LP 335 Location: 0.1 mile east of Bell
Time: (from) 10:00 AM (to) 11:45 AM Weather: Clear
Surface Type: ACP Surface Condition: ☐ Wet or ☒ Dry ☒ Smooth or ☐ Rough

M.P.H.	AUTOMOBILES		Cumulative Total	AUTOMOBILES		Cumulative Total	TRUCKS & BUSES		M.P.H.
	Direction:			Direction:			Direction:	Direction:	
	N.B. ↓			S.B. ↑			N.B. ↑	S.B. ↓	
74									74
73									73
72									72
71									71
70									70
69									69
68									68
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54									54
53									53
52	I		125			125			52
51	I		124			124			51
50	II		123			123			50
49	II		121			121			49
48	III		119			119			48
47	III		102			99			47
46	III		77			74			46
45	III		52			50			45
44	III		26			25			44
43	III		14			12			43
42	III		9			7			42
41	III		5			4			41
40	II		2			2			40
39	I		1			1			39
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9									9
8									8
7									7
6									6
5									5
4									4
3									3
2									2
1									1
0									0
Total Automobiles:		125	Total Automobiles:		125	Total Automobiles:		125	
85th Percentile Automobile:		106	85th Percentile Automobile:		106	85th Percentile Automobile:		106	
85th Percentile Speed (m.p.h.):		48	85th Percentile Speed (m.p.h.):		48	85th Percentile Speed (m.p.h.):		48	

Joseph E. Blaylock, Sr.
Recorder

We can use high-frequency trajectory data



1. Name your report

Texas Winter Review 2024

2. Select an area

Region [Route](#) [Map](#)

Region

- All
- ☐

Rhode Island
- ☐

Tennessee
- ☒

Texas
- ☐

Vermont
- ☐

Virginia
- ☐

Washington

Start Date End Date

Days of Week

Sun

Mon

☒ Tue

☒ Wed

☒ Thu

Fri

Sat

Time of Day

-to-

Add another date range

Submit



- Texas
- | | | |
|---|--|---|
| ☒ Anderson | ☒ Donely | ☒ Kaufman |
| ☒ Andrews | ☒ Duval | ☒ Kendall |
| ☒ Angelina | ☒ Eastland | ☒ Kenedy |
| ☒ Aransas | ☒ Ector | ☒ Kent |
| ☒ Armstrong | ☒ Edwards | ☒ Kerr |
| ☒ Atascosa | ☒ El Paso | ☒ Kimble |
| ☒ Atascosa | ☒ Ellis | ☒ King |
| ☒ Austin | ☒ Erath | ☒ Kinney |



Texas Winter Review 2024

Region Route Map

Region

Texas

Directions

All

Zip Codes

Example: 20742, 20904

Road Classes

All

Start Date

02/01/2024

End Date

02/07/2024

Days of Week

Sun Mon **Tue** Wed **Th** Fri Sat

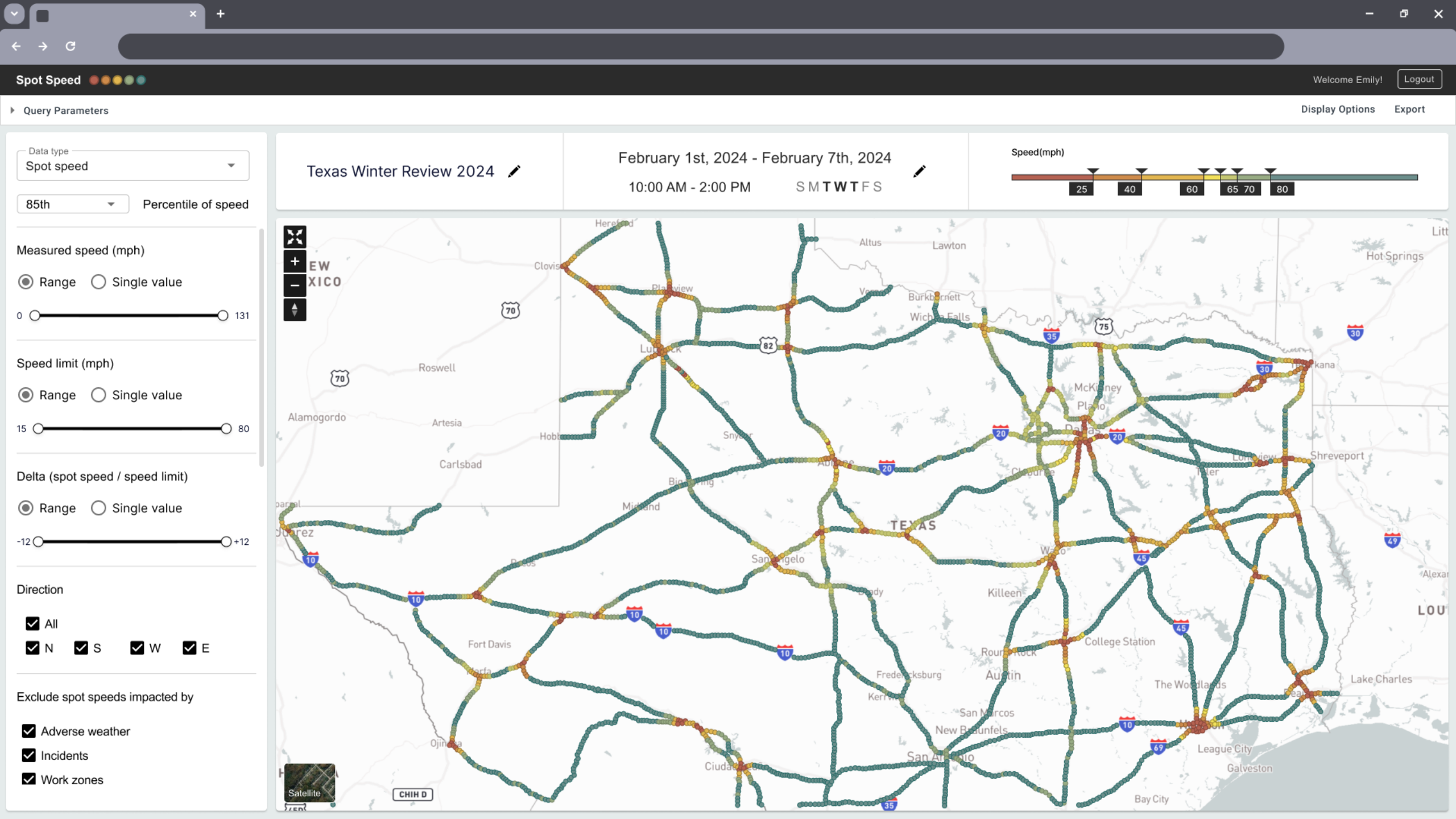
Time of Day

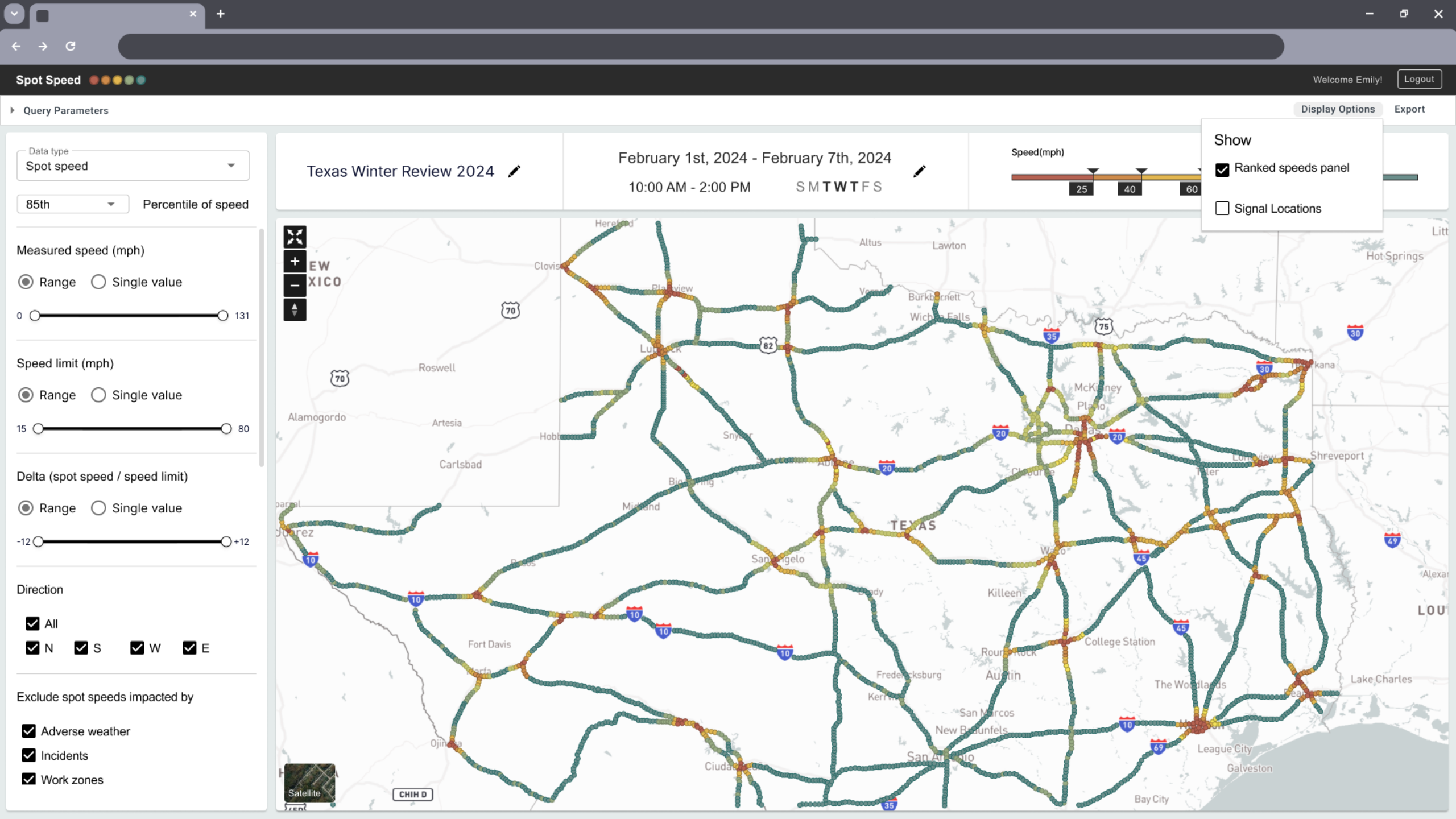
10:00 AM -to- 02:00 PM

Add another date range

Submit







85th Percentile of speed

☒ Range ☐ Single value

Speed limit (mph)

☒ Range ☐ Single value

15 ○————○ 80

Delta (spot speed / speed limit)

☒ Range ☐ Single value

A horizontal number line with a solid black line. At the left end, there is an open circle labeled -12 . At the right end, there is an open circle labeled $+12$.

Direction☒ All☒ N ☒ S ☒ W ☒ E

Exclude spot speeds impacted by

☒ Adverse weather

☒ Incidents

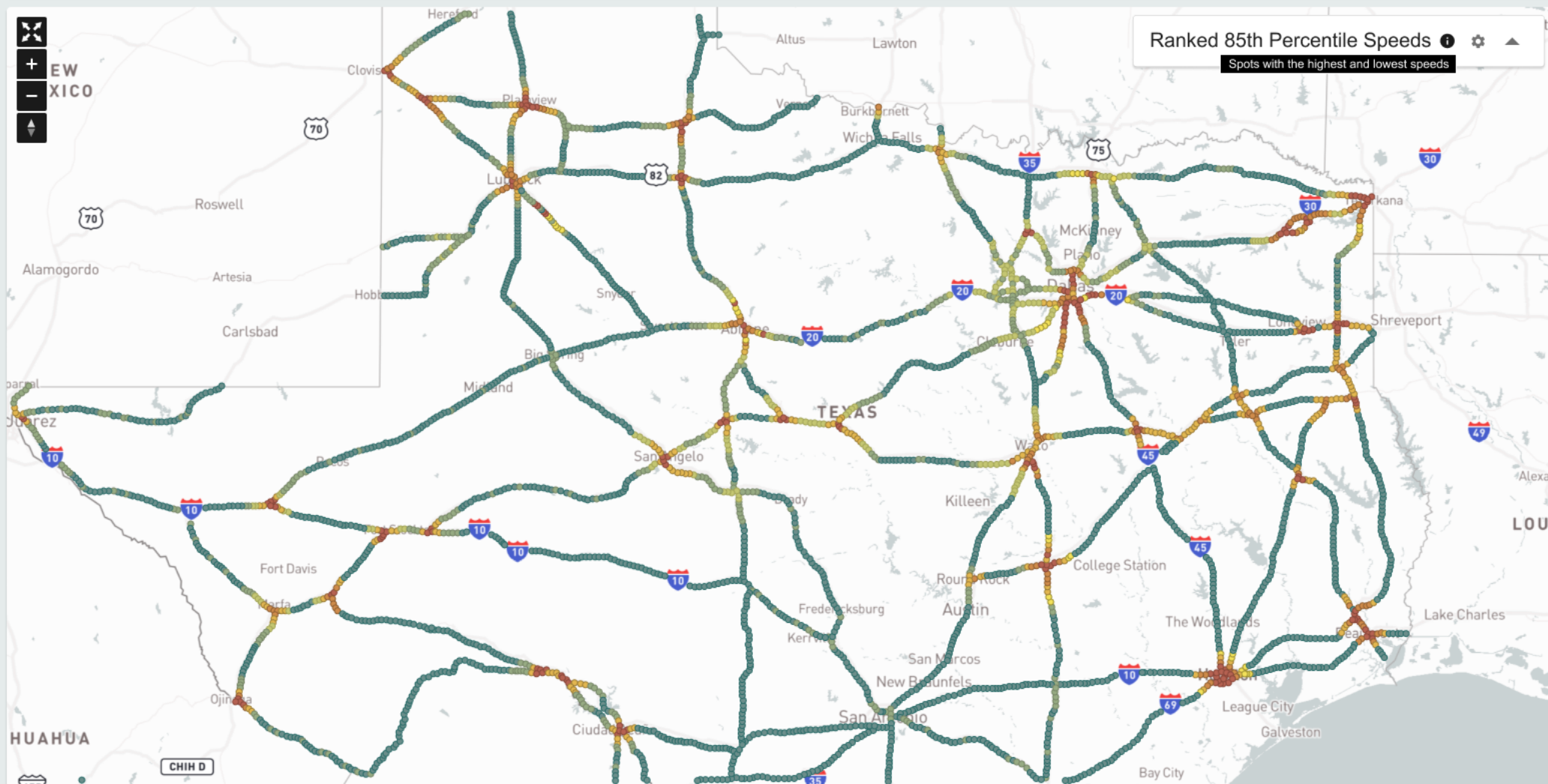
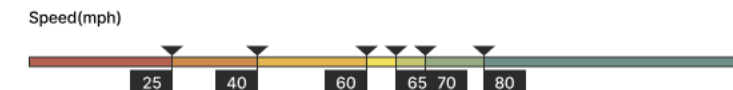
☒ Work zones

Texas Winter Review 2024

February 1st, 2024 - February 7th, 2024

10:00 AM - 2:00 PM

SMTWTF S



Data type

Spot speed

85th

Percentile of speed

Measured speed (mph)

☒ Range

☐ Single value

0

131

Speed limit (mph)

☒ Range

☐ Single value

15

80

Delta (spot speed / speed limit)

☒ Range

☐ Single value

-12

+12

Direction

☒ All

☒ N

☒ S

☒ W

☒ E

Exclude spot speeds impacted by

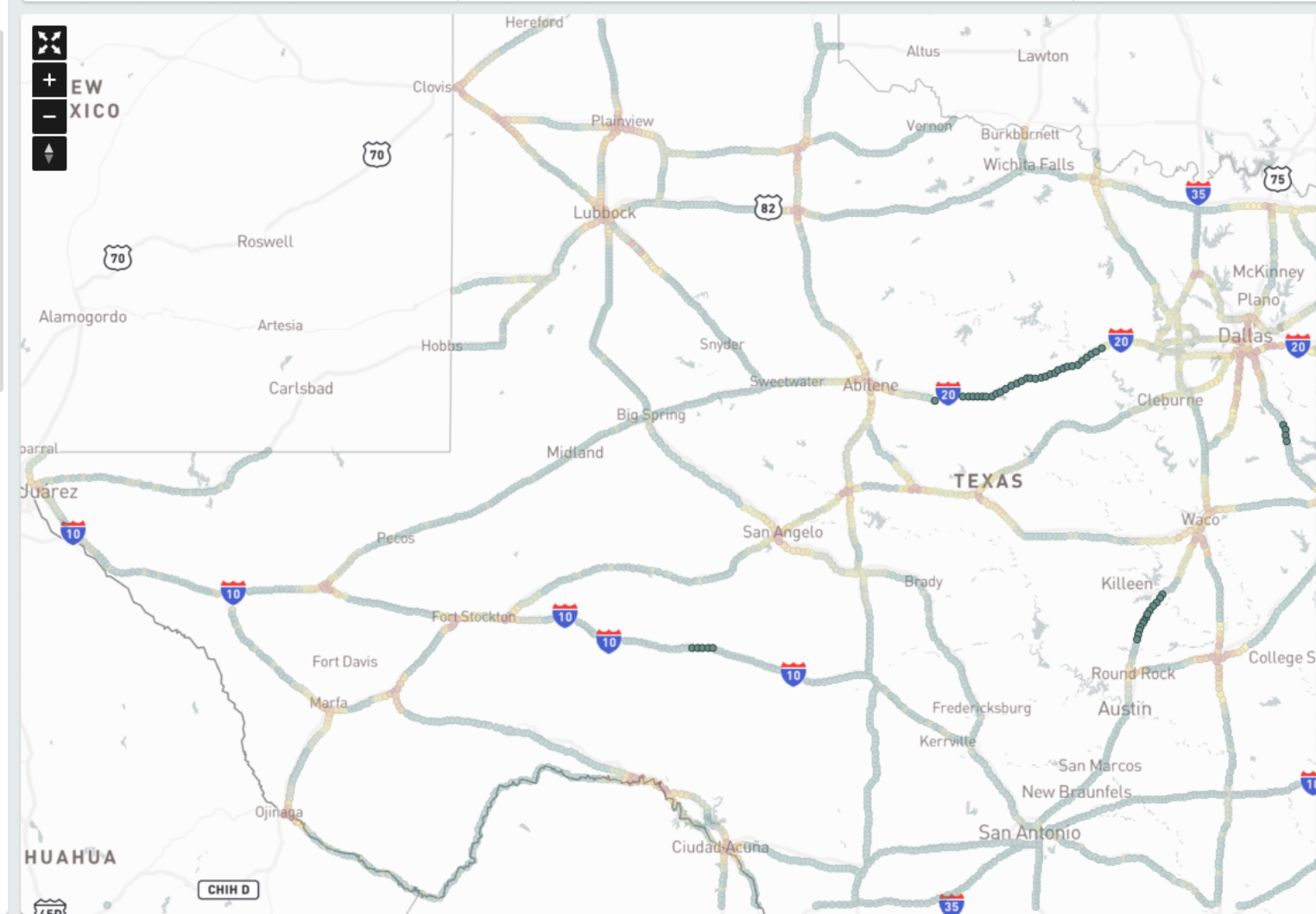
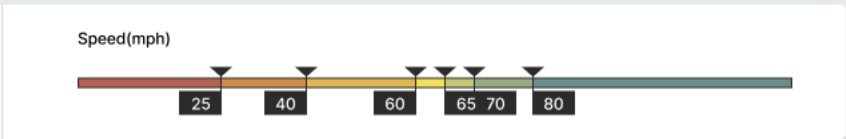
☒ Adverse weather

☒ Incidents

☒ Work zones

Texas Winter Review 2024 

February 1st, 2024 - February 7th, 2024
10:00 AM - 2:00 PM SMT**W**TFS



Ranked 85th Percentile Speeds

Highest 85th percentile speeds  All

1. I-20 WB, Callahan County  

85th percentile: 90 mph

Speed Limit: 70 mph

Delta: +20 mph

Length: 20 miles (40 spots)

2. I-10 EB, Crockett County  

85th percentile: 89 mph

Speed Limit: 70 mph

Delta: +19 mph

Length: 3 miles (5 spots)

3. I-45 NB, Freestone County  

85th percentile: 85 mph

Speed Limit: 70 mph

Delta: +15 mph

Length: 3 miles (4 spots)

4. I-35 SB, Bell County  

85th percentile: 82 mph

Speed Limit: 65 mph

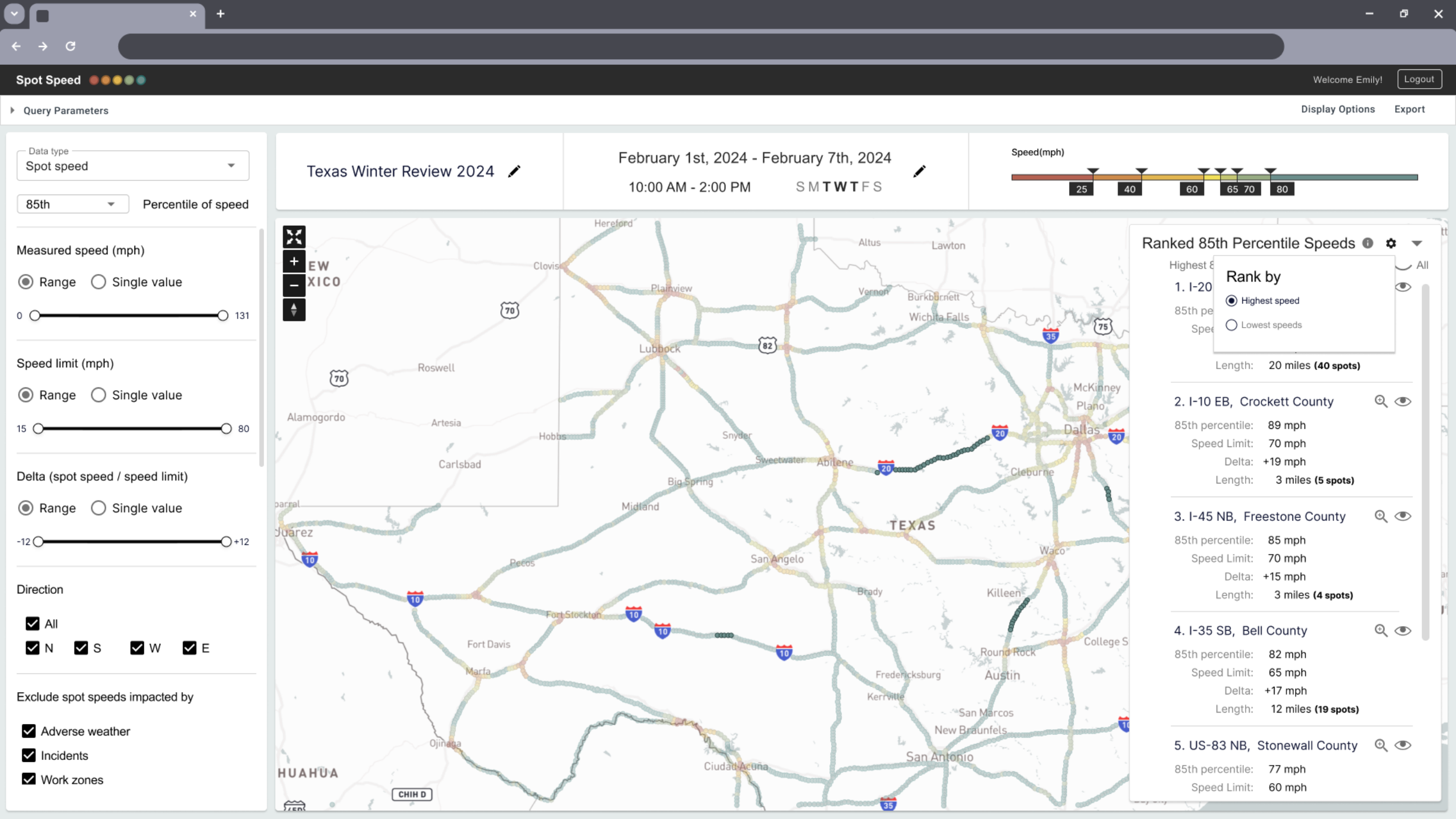
Delta: +17 mph

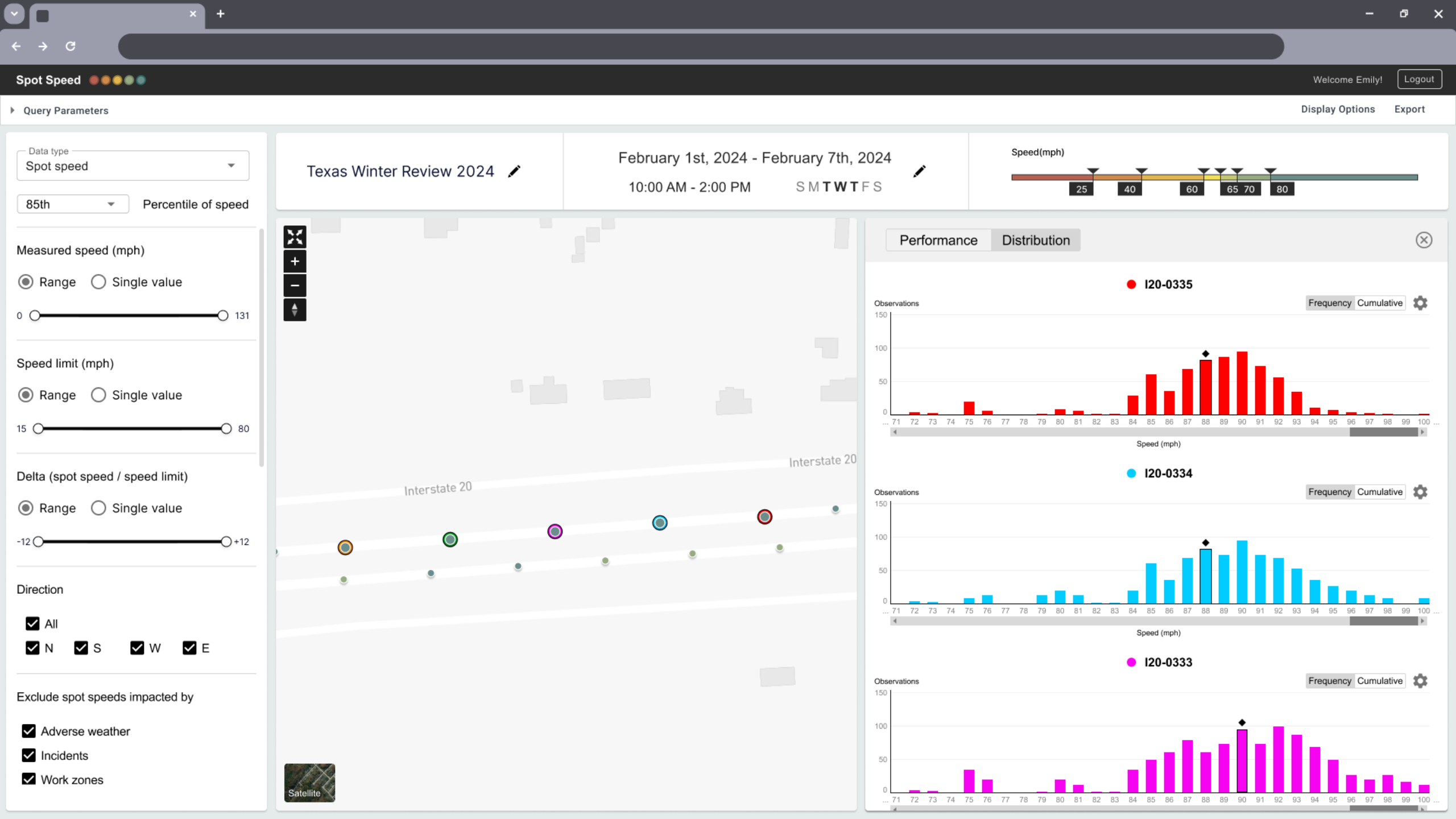
Length: 12 miles (19 spots)

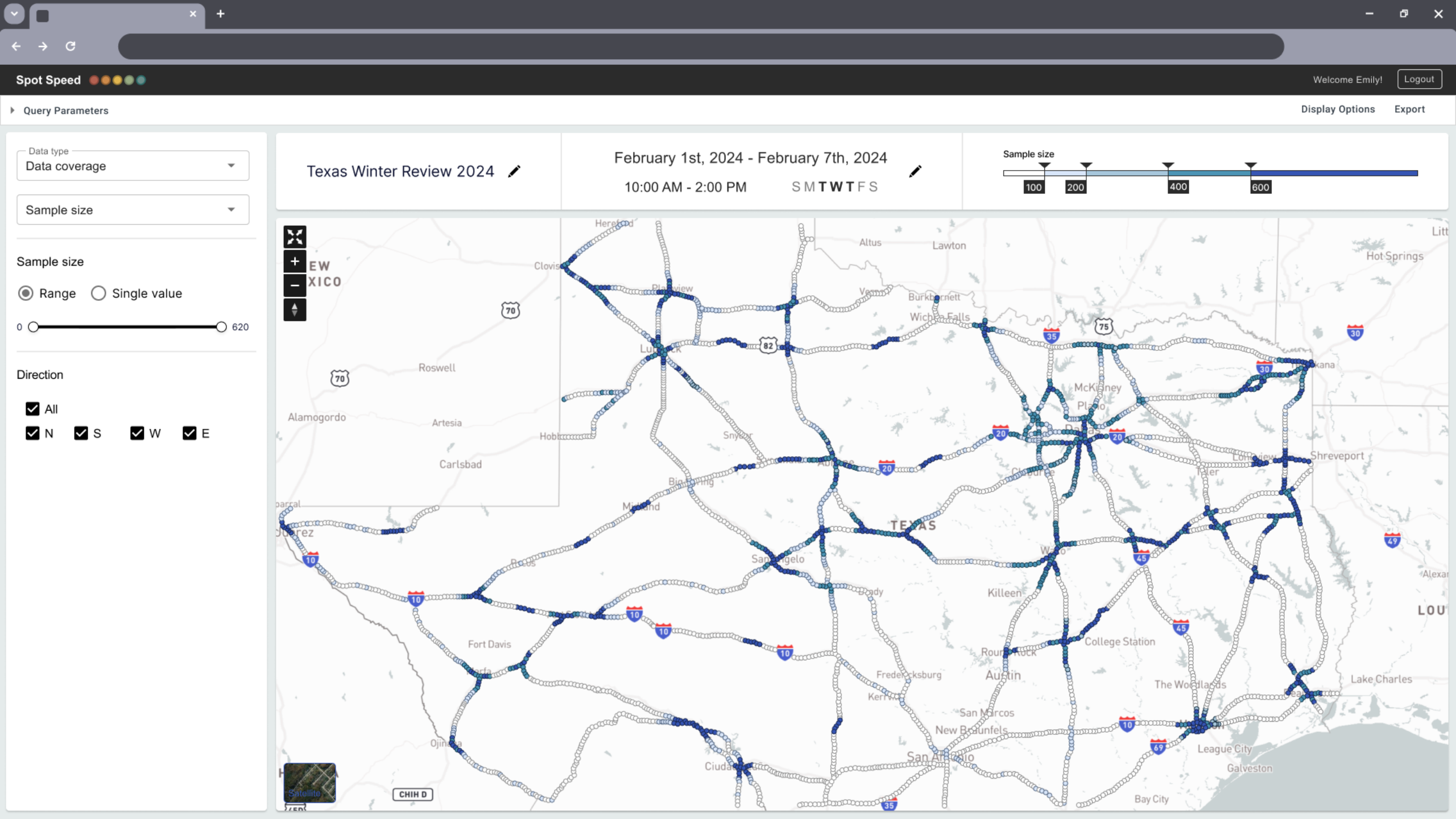
5. US-83 NB, Stonewall County  

85th percentile: 77 mph

Speed Limit: 60 mph







Data type

Data coverage

Sample size

Percentage of volume

Sample size

Range

Single value

0

620

Direction

☒ All

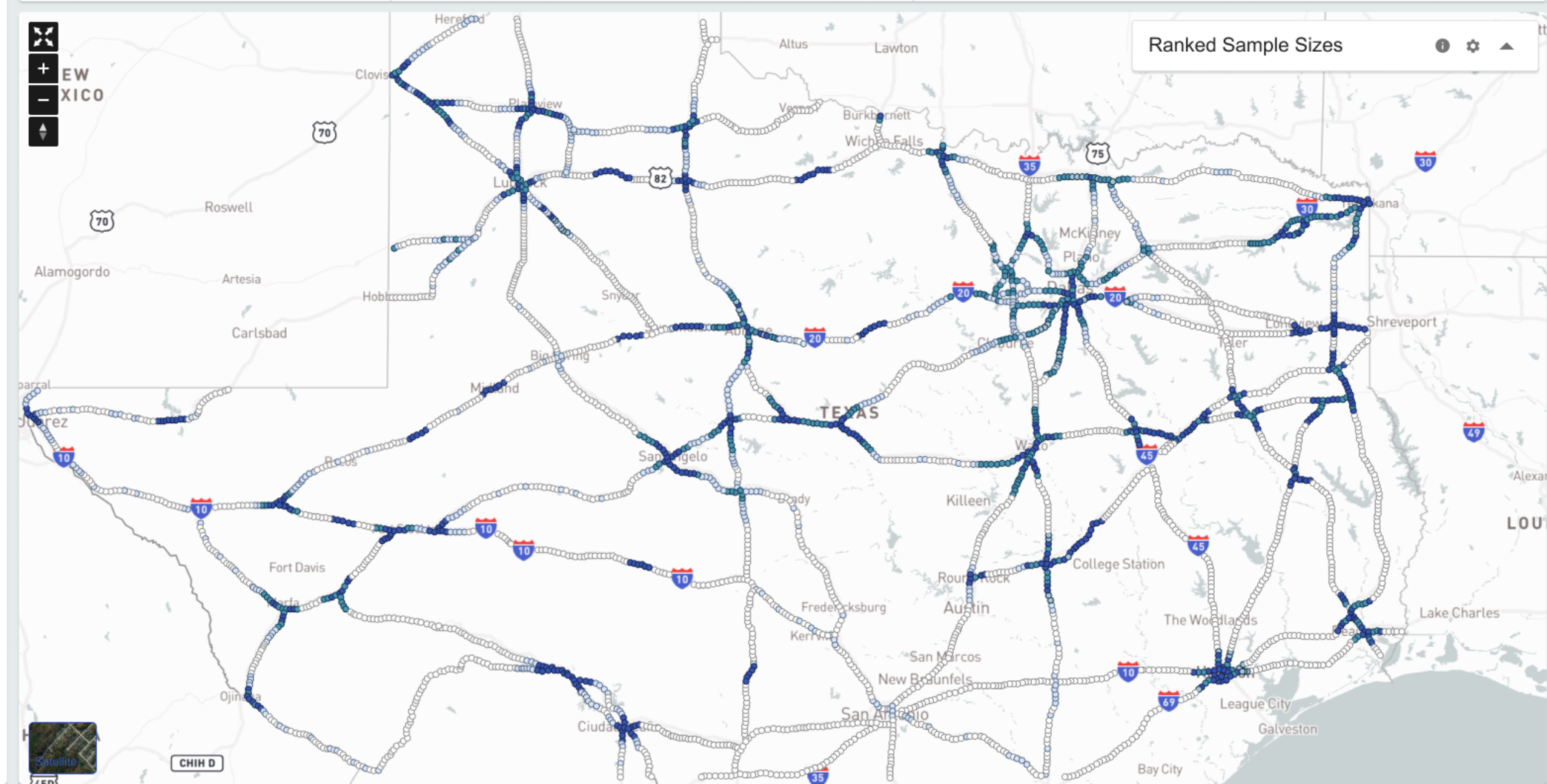
☒ N

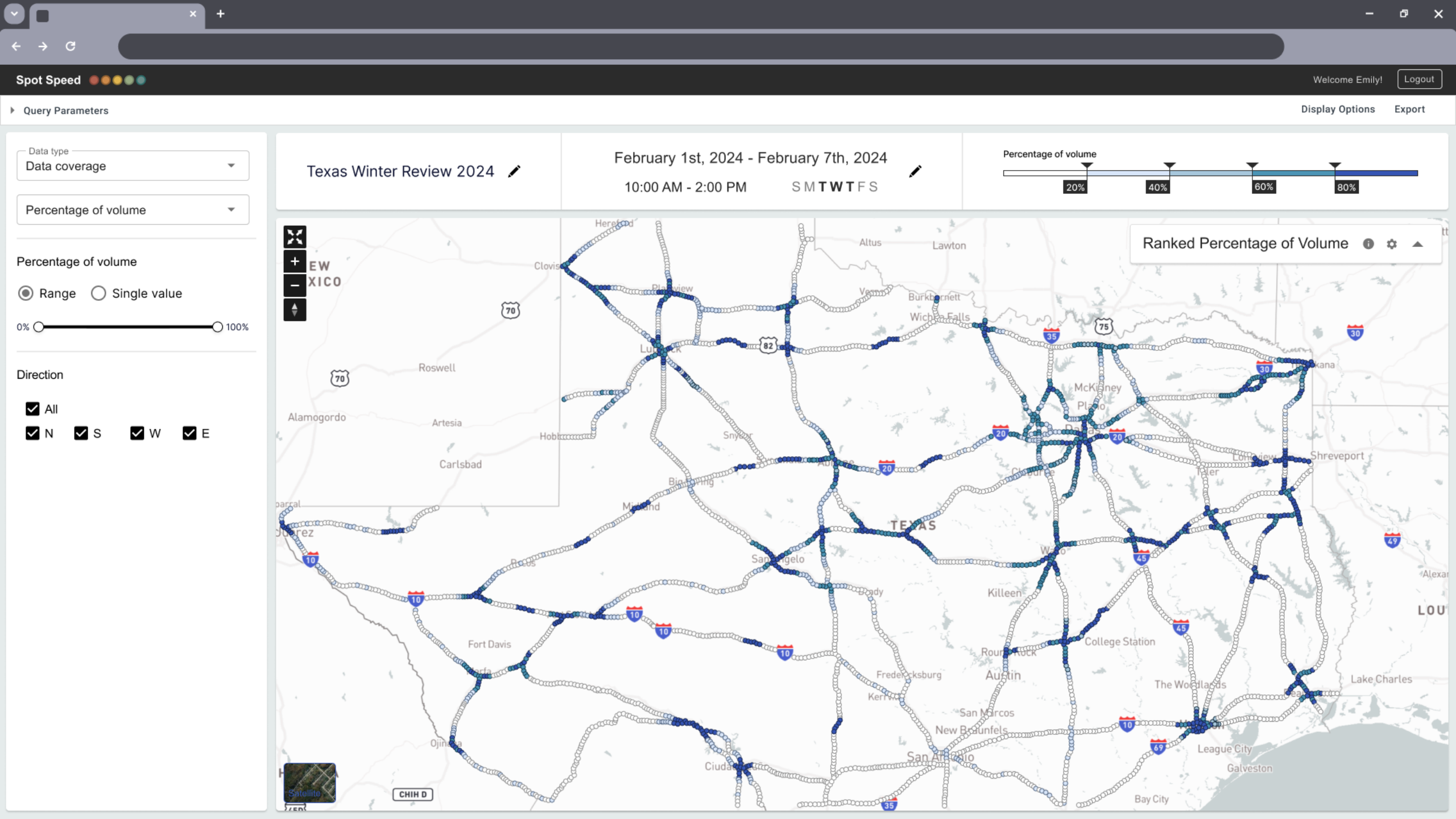
☒ S

☒ W

☒ E

Texas Winter Review 2024  February 1st, 2024 - February 7th, 2024  10:00 AM - 2:00 PM **S M T W T F S**  Sample size 





Texas Winter Review 2024 

February 1st, 2024 - February 7th, 2024 

10:00 AM - 2:00 PM **SMTWTFSS**

Speed limit (mph)

Speed limit (mph)	Count
15	0
30	0
45	0
60	0
75	0
90	0

Texas Winter Review 2024 

February 1st, 2024 - February 7th, 2024

10:00 AM - 2:00 PM

SMTWTFs



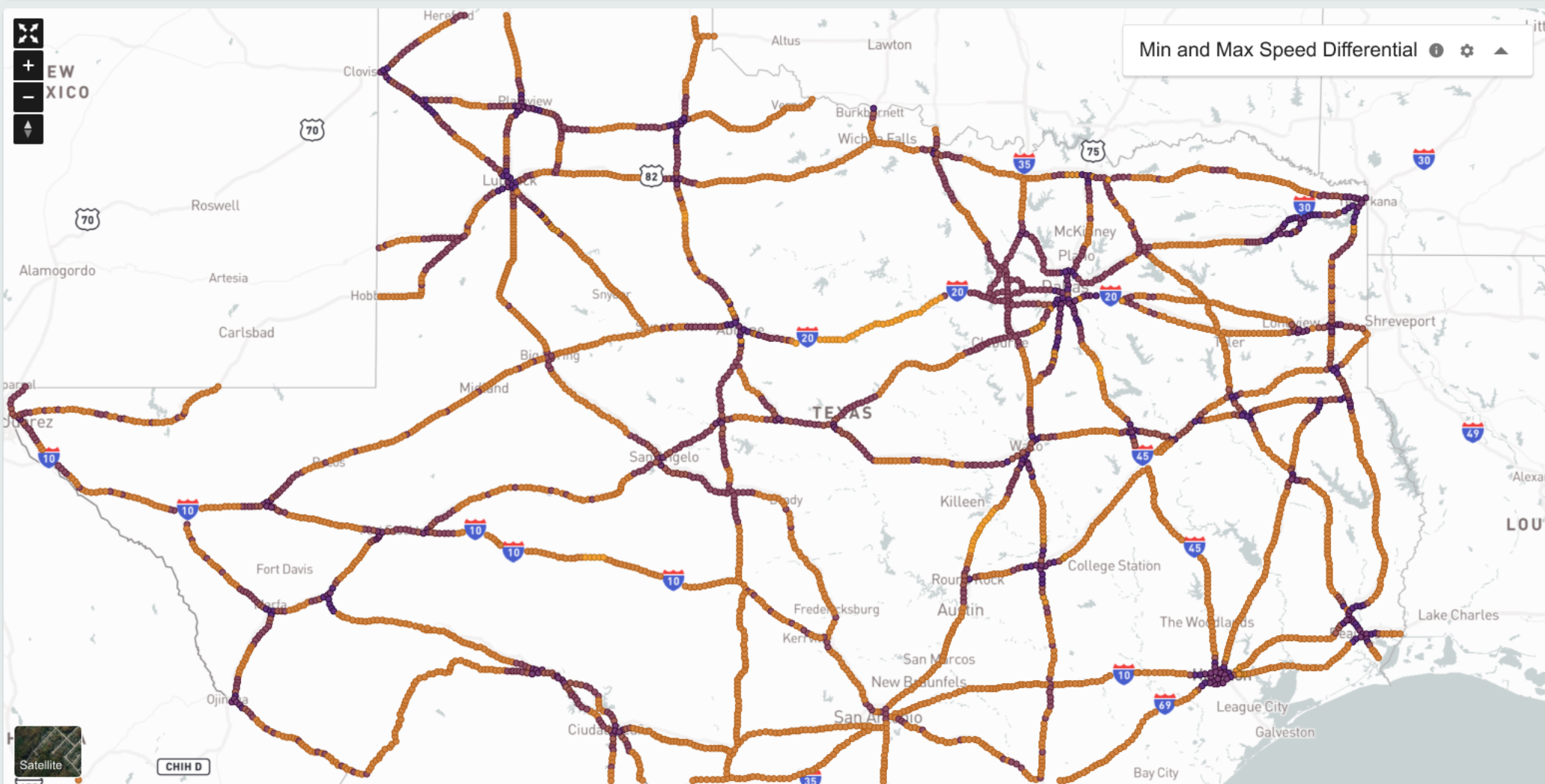
Min and Max Speed Differential ⓘ ⚙ ▲

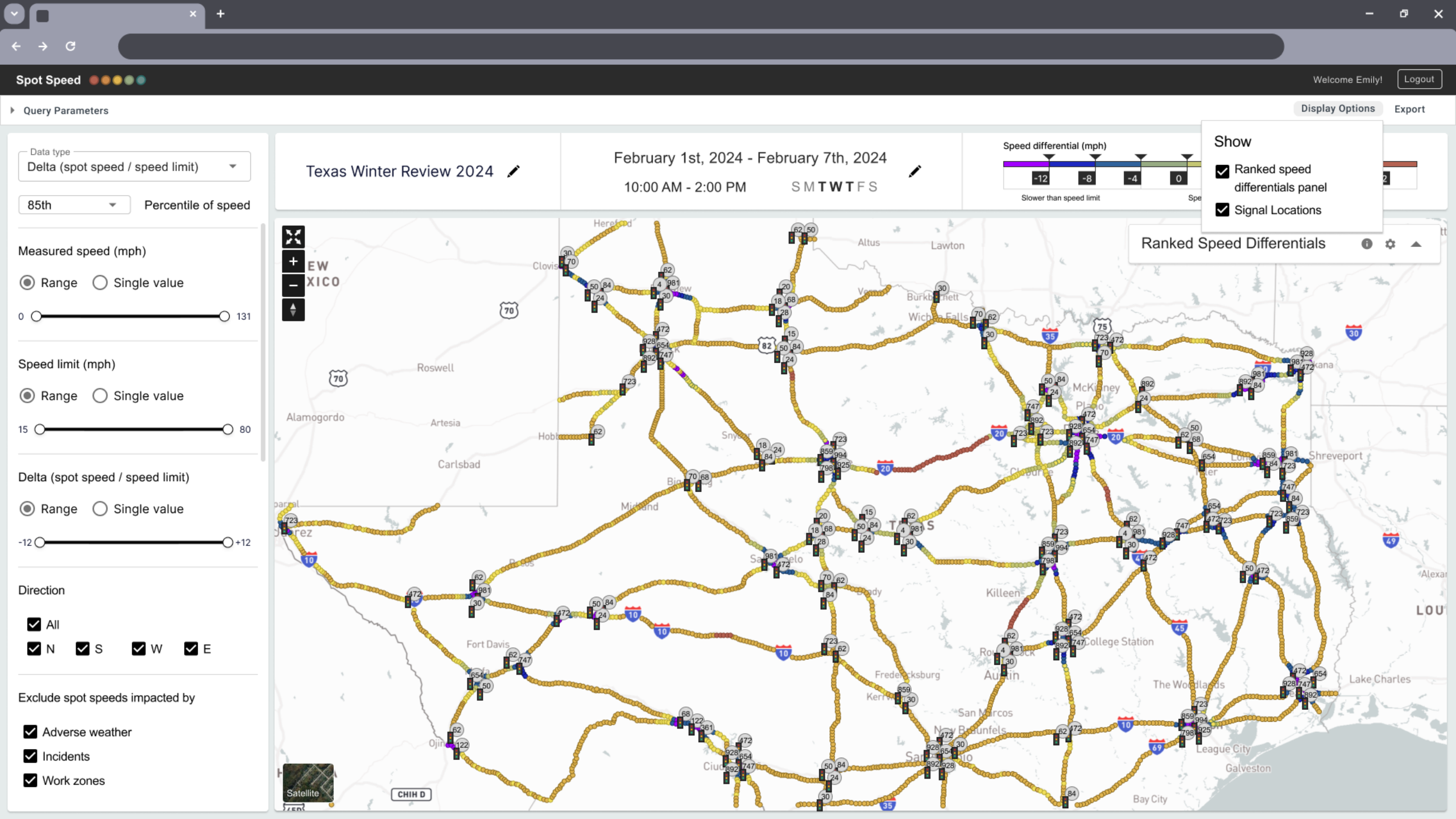
Delta (max speed /min speed)

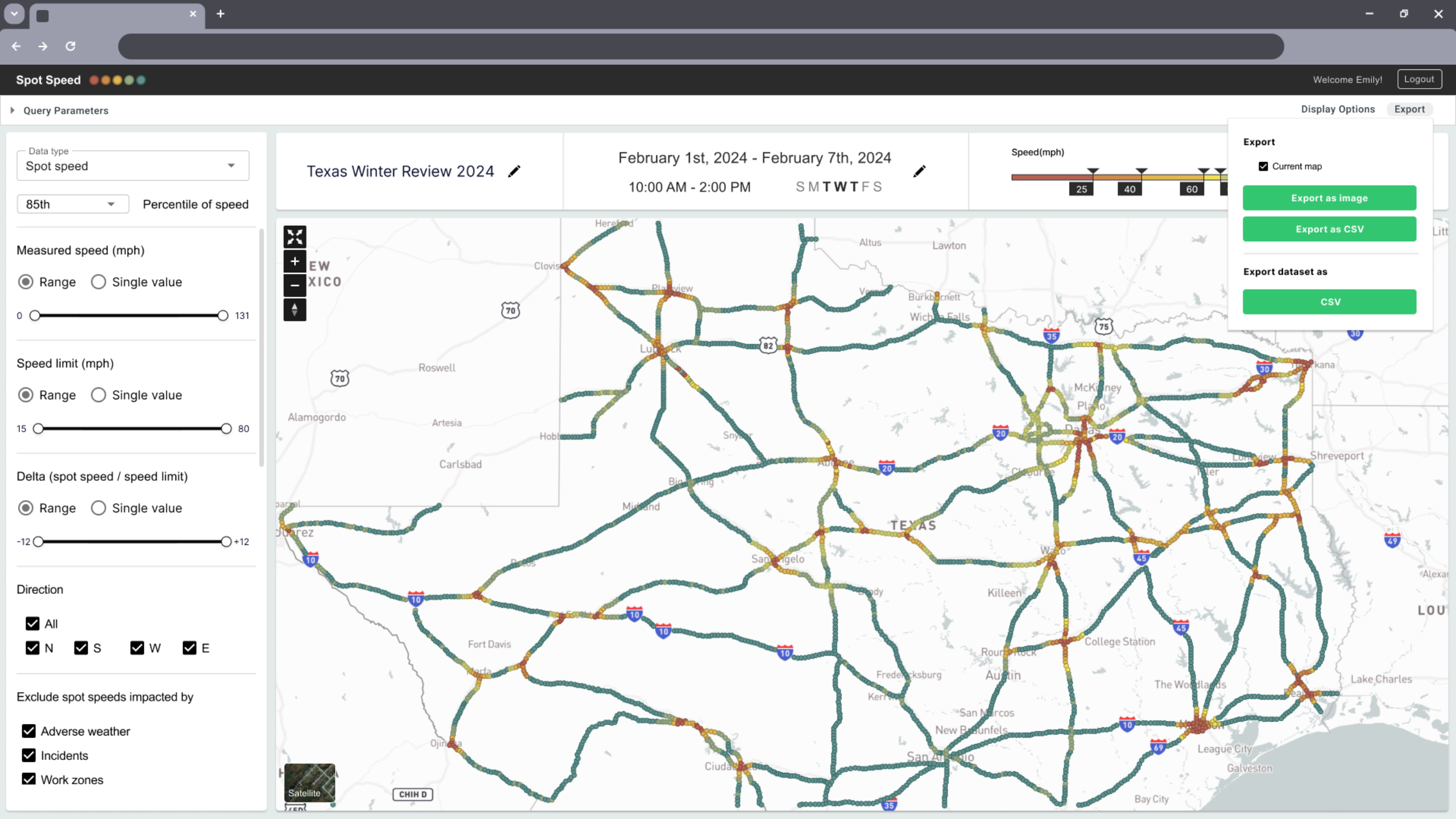
☒ Range ☐ Single value



Direction

☒ All☒ N ☒ S ☒ W ☒ E





Texas Winter Review 2024

February 1st, 2024 - February 7th, 2024

10:00 am - 2:00 pm S M T W T F S

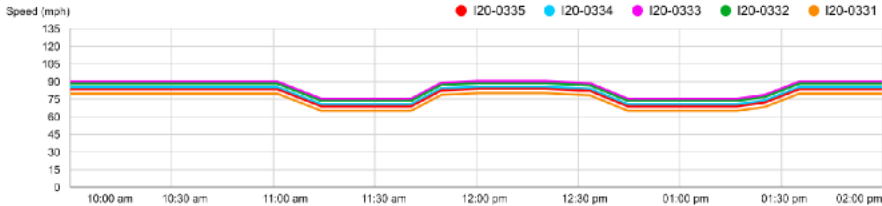
I-20 WB, 5 spots between mile marker 330 and 335



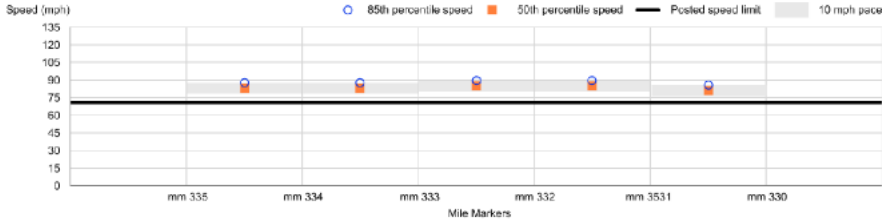
Selected Spot Speeds

					Speed (mph)									
	Route	Direction	ID	Sample Size	Speed Limit	Avg	Percentiles				Min	Max	10 MPH Pace	
							85th	95th	15th	50th			Low	High
●	I-20	WB	I20-0335	582	70	85	88	90	72	85	65	101	78	88
●	I-20	WB	I20-0334	582	70	85	88	90	72	85	65	101	78	88
●	I-20	WB	I20-0333	582	70	87	90	92	75	87	66	101	80	90
●	I-20	WB	I20-0332	582	70	87	90	92	75	87	66	101	80	90
●	I-20	WB	I20-0331	582	70	83	86	88	71	83	64	99	76	86

Hourly Average Speeds - 85th Percentile



Speed Profiles



Texas Winter Review 2024

February 1st, 2024 - February 7th, 2024

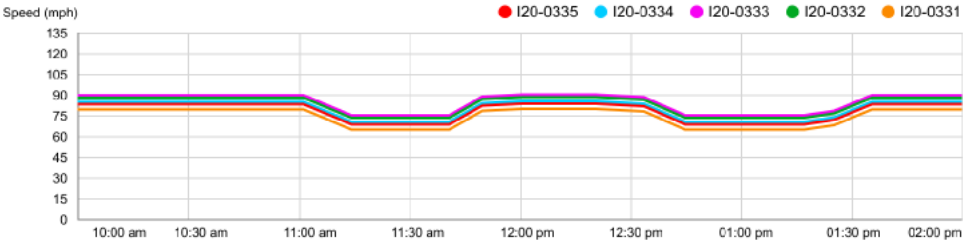
10:00 am - 2:00 pm S M T W T F S

I-20 WB, 5 spots between mile marker 330 and 335

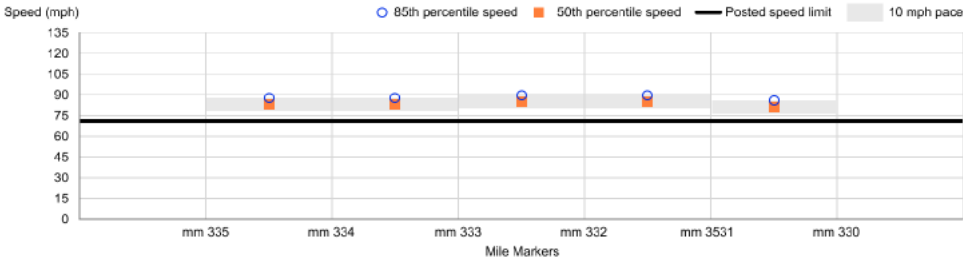
Selected Spot Speeds

					Speed (mph)									
	Route	Direction	ID	Sample Size	Speed Limit	Avg	85th	Percentiles			Min	Max	10 MPH Pace	
							95th	15th	50th			Low	High	
●	I-20	WB	I20-0335	582	70	85	88	90	72	85	65	101	78	88
●	I-20	WB	I20-0334	582	70	85	88	90	72	85	65	101	78	88
●	I-20	WB	I20-0333	582	70	87	90	92	75	87	66	101	80	90
●	I-20	WB	I20-0332	582	70	87	90	92	75	87	66	101	80	90
●	I-20	WB	I20-0331	582	70	83	86	88	71	83	64	99	76	86

Hourly Average Speeds - 85th Percentile



Speed Profiles



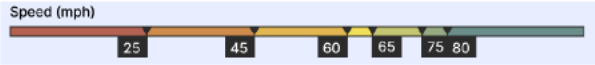
Texas Winter Review 2024

February 1st, 2024 - February 7th, 2024

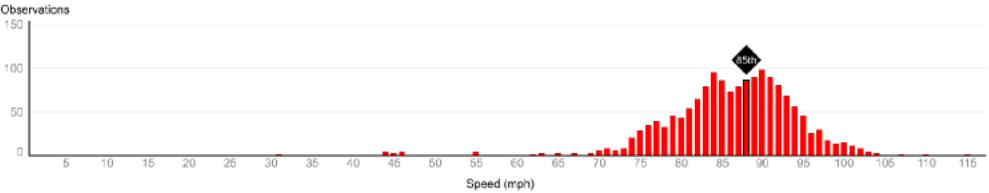
10:00 am - 2:00 pm S M T W T F S



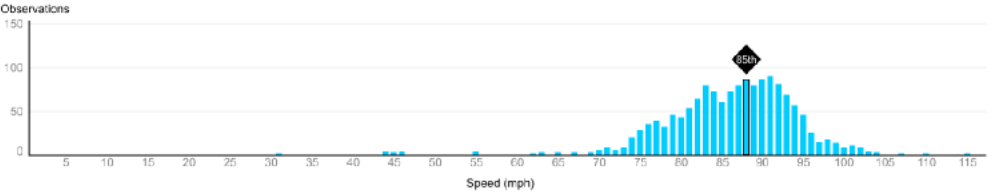
I-20 WB, 5 spots between mile marker 330 and 335



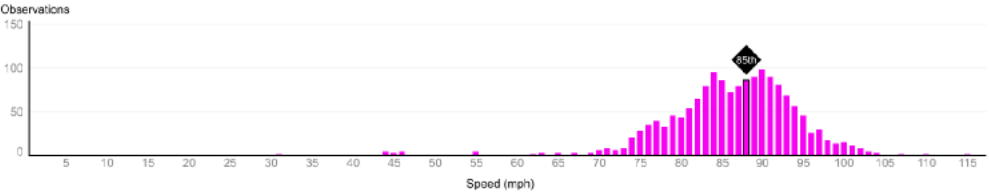
I20-0335



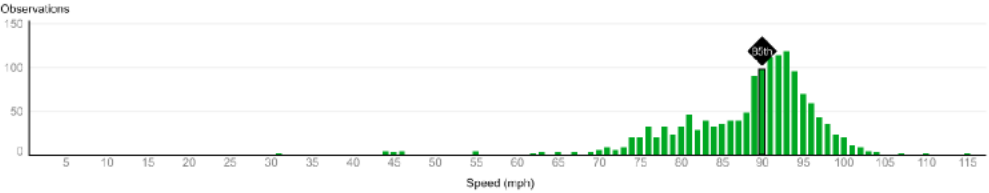
I20-0335



I20-0335



I20-0335

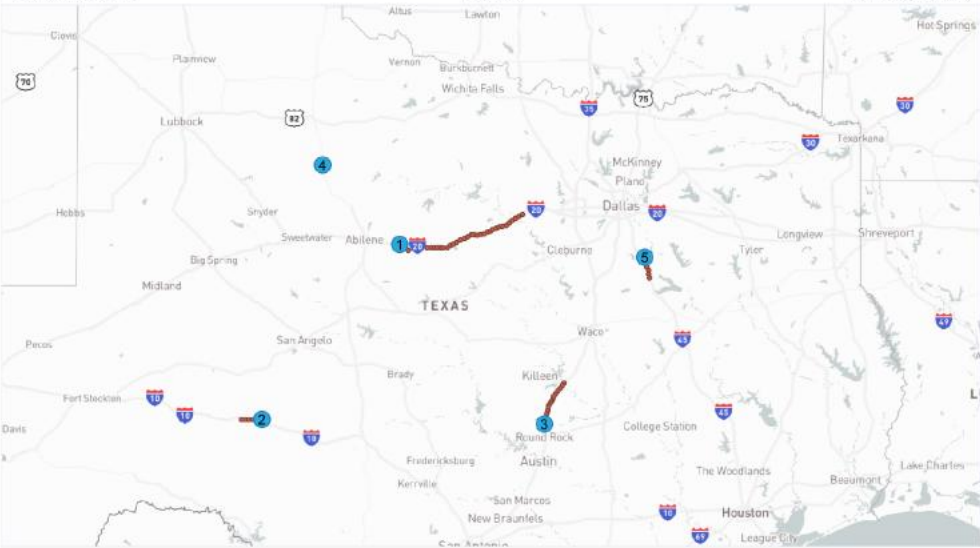
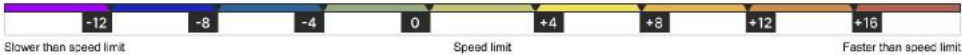


Texas Winter Review 2024
February 1st, 2024 - February 7th, 2024
10:00 am - 2:00 pm S M T W T F S

Texas
All road classes

Excluding spot speeds impacted by
Adverse weather, incidents and work zones

Speed differential (mph)



Ranked Speed Differentials

Rank	Route	Direction	Length		Sample Size	Speed (mph)		
			Miles	Spots		Speed Limit	Differential	85th Percentile
1	I-20	WB	20	40	582	70	+20	88
2	I-10	EB	3	5	582	70	+19	88
3	I-35	SB	12	19	582	65	+17	90
4	US-83	NB	2	3	582	60	+17	90
5	I-45	NB	2	2	582	65	+15	86

2. Select an area

RegionRouteMap

Region

Texas

Directions

All

Zip Codes

Example: 20742, 20904

Road Classes

All

3. Select a time period

Start Date

End Date

02/01/2023

02/07/2023

Days of Week

Sun

Mon

Tue

Wed

Thu

Fri

Sat

Time of Day

10:00 AM

-to-

02:00 PM

Add another date range

Selection Summary

02/01/2024 - 02/07/2024 SMTWTFS 10:00 AM - 02:00 PM

02/01/2023 - 02/07/2023 SMTWTFS 10:00 AM - 02:00 PM

Submit

The map displays the state of Texas with a purple shaded region covering almost the entire state. Major cities labeled include Trinity, Santa Fe, Gallup, Clovis, Roswell, Silver City, El Paso, Sierra Vista, Nuevo Casas Grandes, Chihuahua City, Hidalgo del Parral, Torreón, Saltillo, Durango City, Culiacán, Navojoa, San Antonio, Austin, Houston, Dallas, Big Spring, Abilene, San Angelo, Victoria, Brownsville, Shreveport, Jackson, Baton Rouge, Pascagoula, Little Rock, Russellville, Springfield, and Tuscaloos. The map includes a legend in the top left corner with zoom controls and a 'Satellite' button in the bottom left corner.

Spot Speed

Welcome Emily!

Logout

2. Select an area

Region

Route

Map

Region

Texas

Directions

All

Zip Codes

Example: 20742, 20904

Road Classes

All

3. Select a time period

Start Date

02/01/2023

End Date

02/07/2023

Days of Week

Sun

Mon

Tue

Wed

Thu

Fri

Sat

Time of Day

10:00 AM

-to-

02:00 PM

Add another date range

Selection Summary

02/01/2024 - 02/07/2024

SM T W T F S

 10:00 AM - 02:00 PM

02/01/2023 - 02/07/2023

SM T W T F S

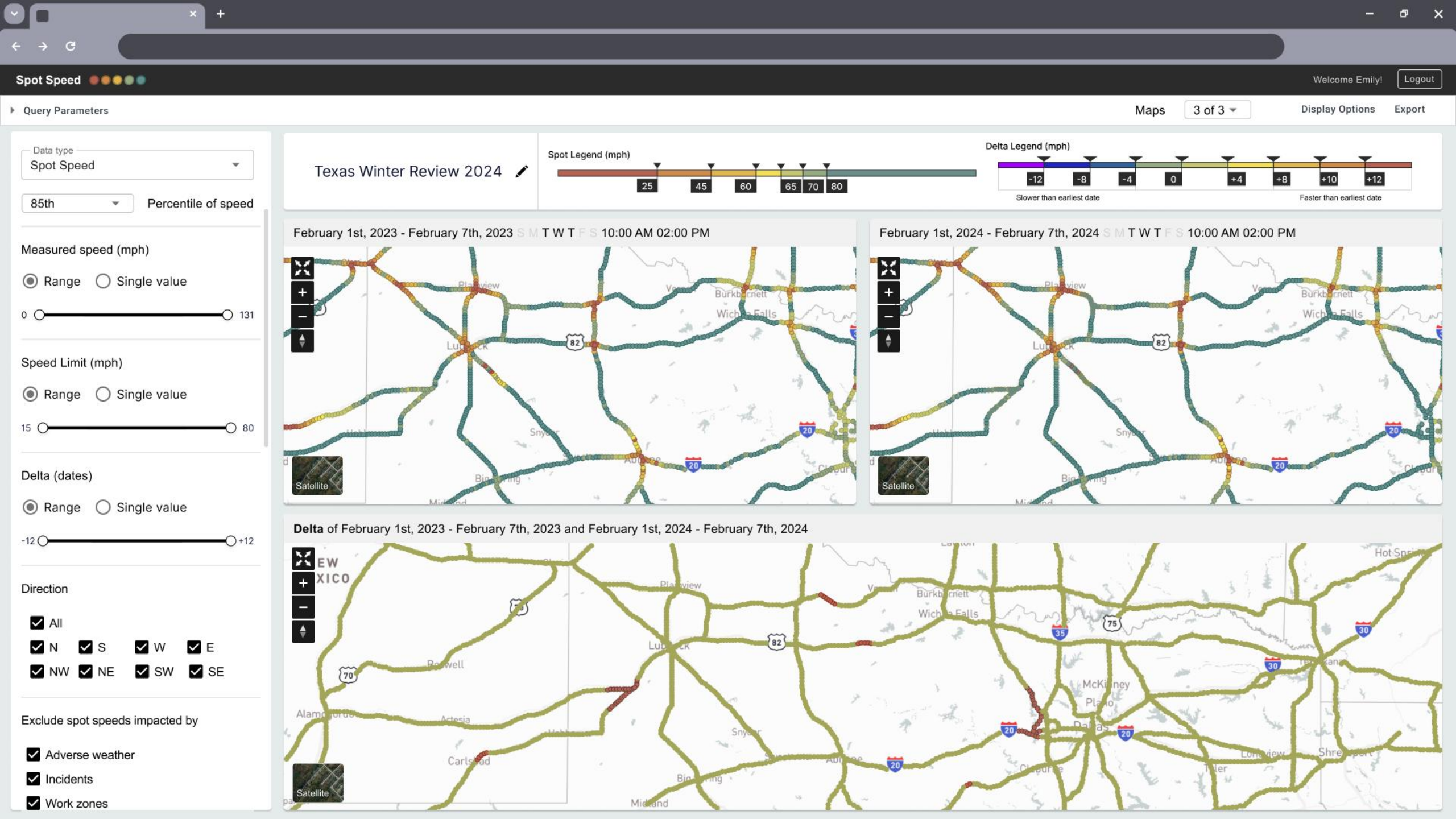
 10:00 AM - 02:00 PM

Submit

+

-

Satellite



Texas Winter Review 2024

Spot Legend (mph)

25	45	60	65	70	80
----	----	----	----	----	----

Delta Legend (mph)

-12	-8	-4	0	+4
-----	----	----	---	----

Slower than earliest date

Show

- ☒ Ranked speed differentials panel
- ☒ Signal Locations

Map Layout

February 1st, 2023 - February 7th, 2023 S M T W T F S 10:00 AM 02:00 PM

February 1st, 2024 - February 7th, 2024 S M T W T F S 10:00 AM

Delta of February 1st, 2023 - February 7th, 2023 and February 1st, 2024 - February 7th, 2024

Data type
Spot Speed

85th Percentile of speed

Measured speed (mph)

☒ Range ☐ Single value

0 131

Speed Limit (mph)

☒ Range ☐ Single value

15 80

Delta (dates)

☒ Range ☐ Single value

-12 +12

Direction

- ☒ All
- ☒ N ☒ S ☒ W ☒ E
- ☒ NW ☒ NE ☒ SW ☒ SE

Exclude spot speeds impacted by

- ☒ Adverse weather
- ☒ Incidents
- ☒ Work zones

Texas Winter Review 2024

Spot Legend (mph)



Delta Legend (mph)



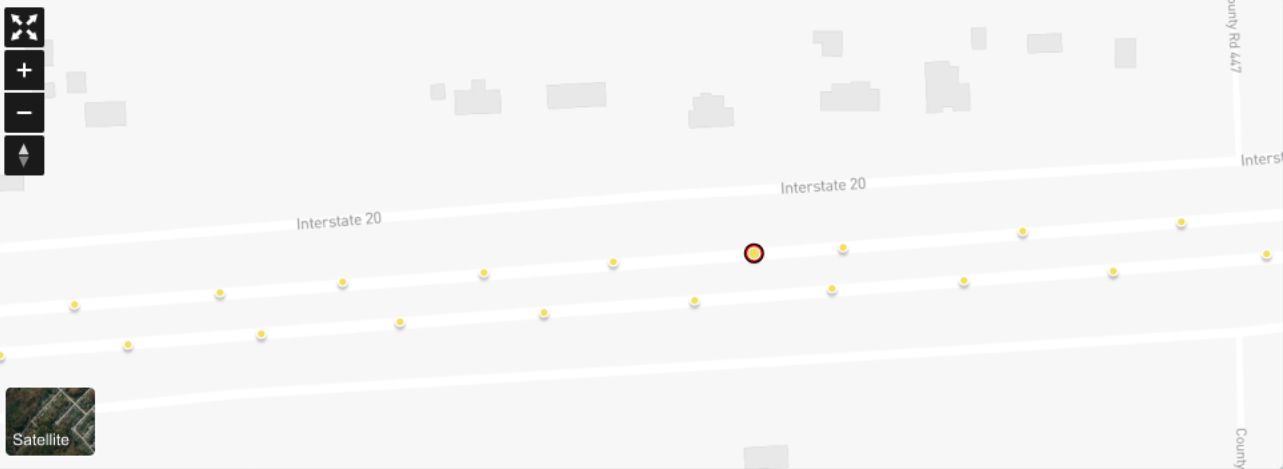
February 1st, 2023 - February 7th, 2023 S M T W T F S 10:00 AM 02:00 PM



February 1st, 2024 - February 7th, 2024 S M T W T F S 10:00 AM 02:00 PM



Delta of February 1st, 2023 - February 7th, 2023 and February 1st, 2024 - February 7th, 2024



Performance

Distribution

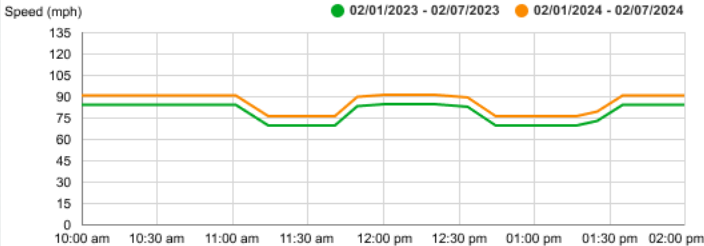
●

Route	Direction	ID
I-20	WB	I20-0335

Dates from query
02/01/2024 - 02/07/2024
S M T W T F S
02/01/2023 - 02/07/2023
S M T W T F S

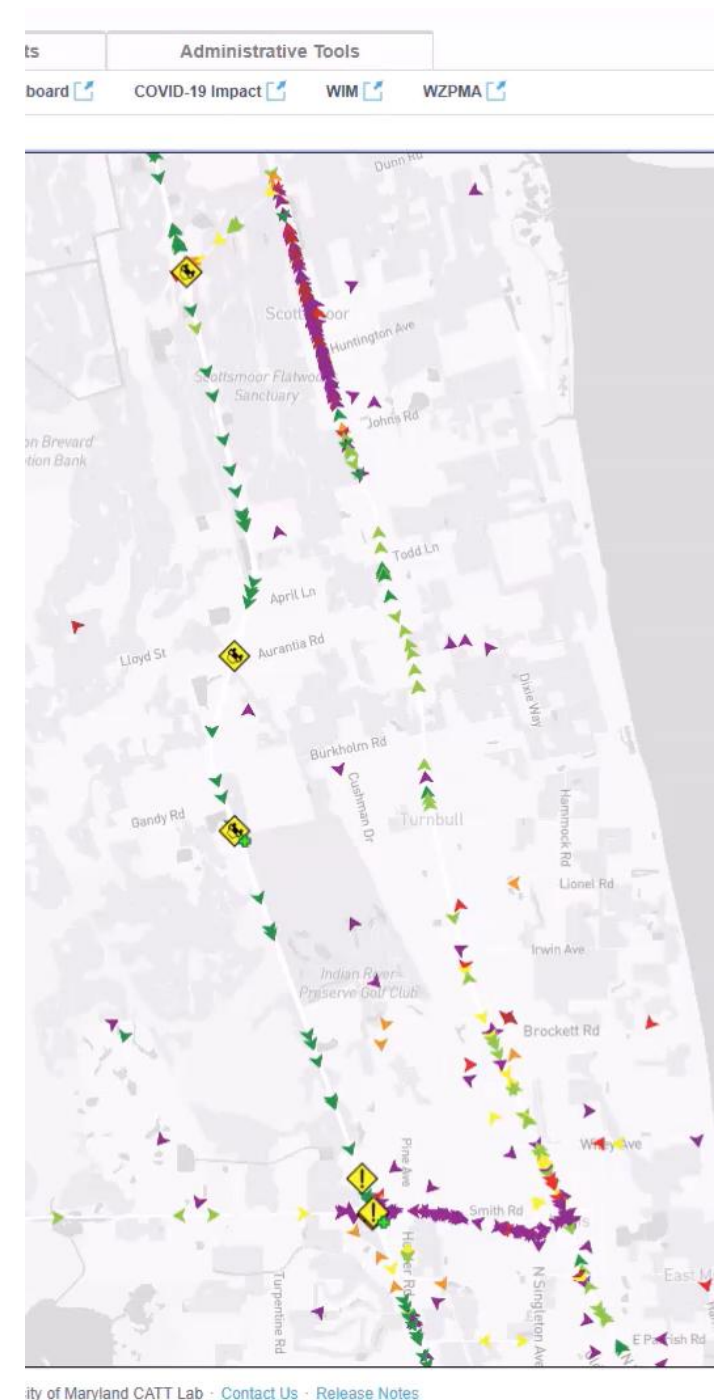
	Speed (mph)									
Sample Size	Speed Limit	Avg	Percentiles				Min	Max	10 MPH Pace	
			85th	95th	15th	50th			Low	High
582	70	85	90	99	72	85	65	104	78	88
500	70	84	85	89	71	84	63	101	78	88
+82	-	+1	+5	+10	+1	+1	+2	-	-	-

Hourly Average Speeds - 85th Percentile



Other Enhancements

Leveraging the same Trajectory Data





Time Space Diagram

Comparison mode: ☐ Compare Corridors ☒ Compare Dates Speed (mph) ▾ Display Options ?

Date:

08/16/2016

State:

Pennsylvania ▾

Corridors:

Select a corridor ▾

▼ Pennsylvania

▼ I-70

▶ Northbound

▼ Eastbound

☒ I-70 EB · MM 0-38

☐ I-70 EB · MM 38-76

☐ I-70 EB · MM 76-116

☐ I-70 EB · MM 116-156

☐ I-70 EB · MM 156-168

▶ Westbound

▶ Southbound

▶ Unknown

▶ I-76 Pennsylvania Turnpike

▶ I-78

▶ I-79

▶ I-80

▶ I-81

▶ I-83

▶ I-84

▶ I-90

▶ I-95

▶ I-99

▶ US-22

▶ US-30

▶ US-322

▶ PA-283

Show:

☐ Map



You don't have any corridors selected.

Use the state and corridor drop downs above to pick the corridors you're interested in.



Time Space Diagram

Comparison mode: ☐ Compare Corridors ☒ Compare Dates Speed (mph) Display Options

Date:

State: Pennsylvania

Corridors: I-78 Pennsylvania

Show: ☐ Map

Time Range:

12:00 AM 12:00 PM 12:00 AM

12:00 AM 12:00 AM



Show

- ☒ Traffic Events
- ☒ Agency-reported events
- ☒ Waze events
- ☒ Dashcams
- ☐ Graph Data

Zooming

- ☒ Use advanced zooming options
- ☒ Zoom time range with mouse wheel
- ☒ Zoom road with mouse wheel

Size of charts

- ☐ Compact
- ☐ Expanded
- ☐ Custom





Time Space Diagram

Comparison mode: ☐ Compare Corridors ☒ Compare Dates Speed (mph) ▾ Display Options ⓘ

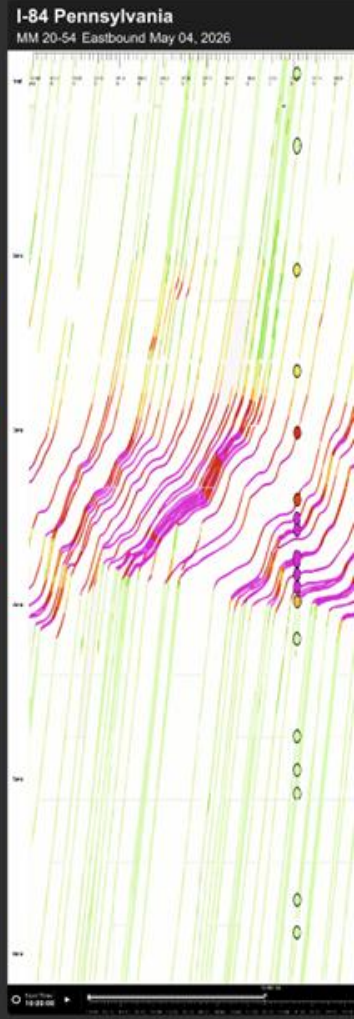
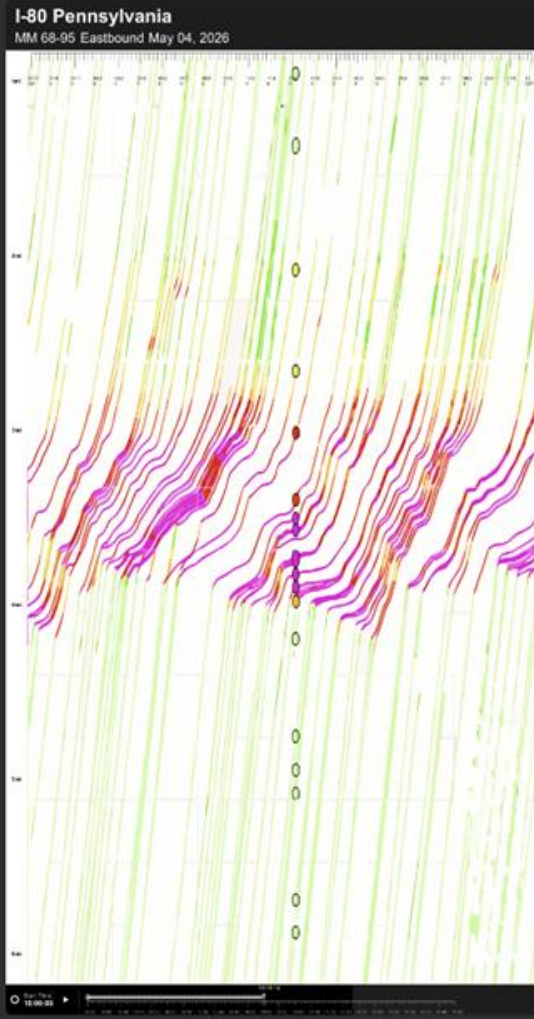
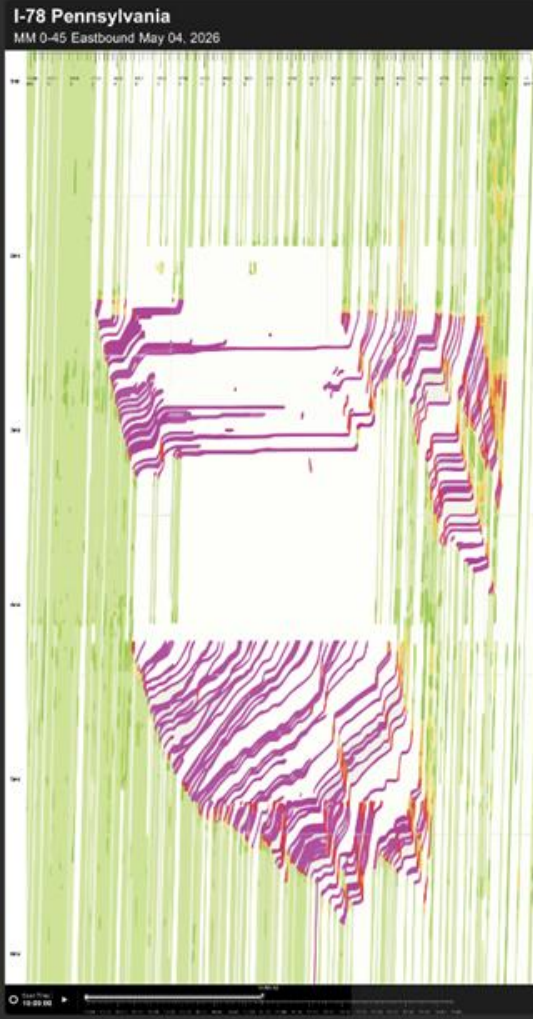
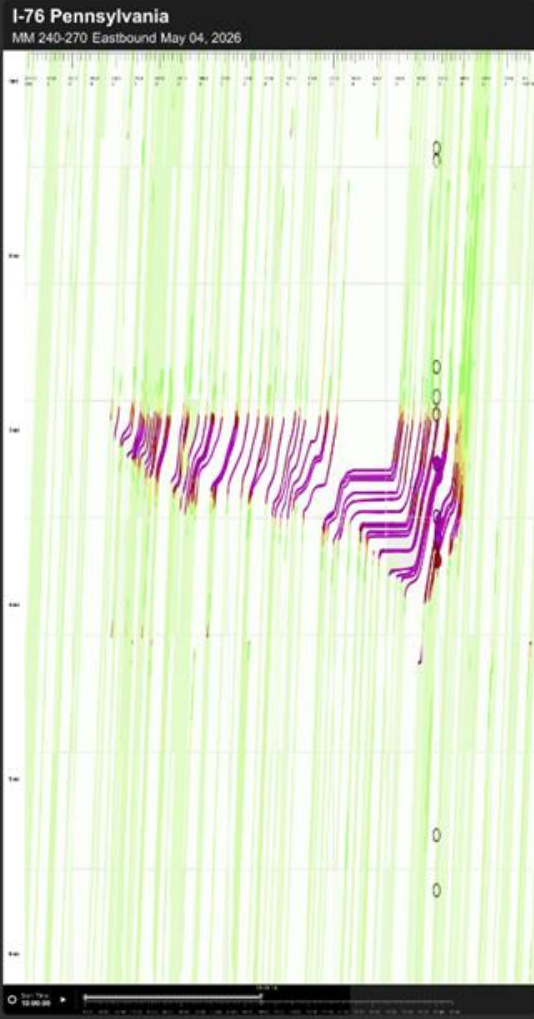
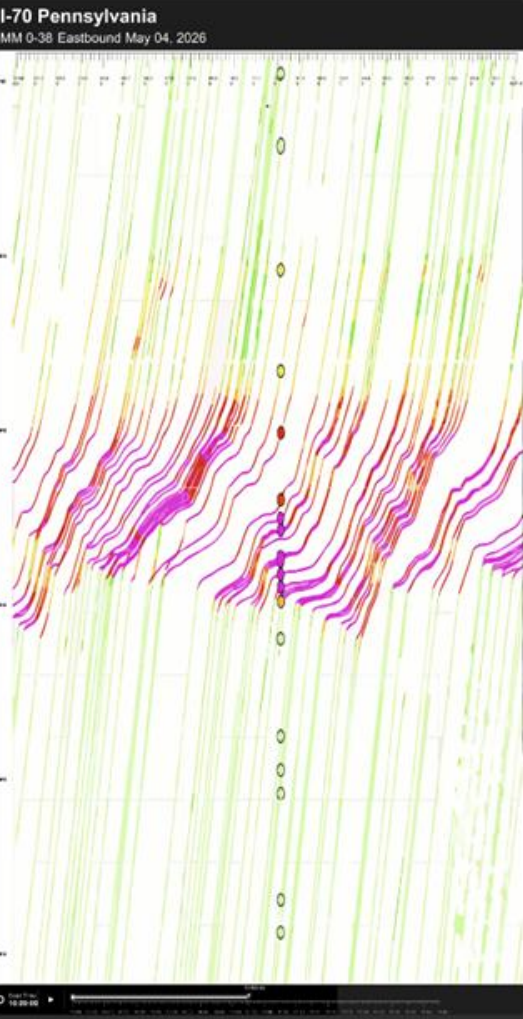
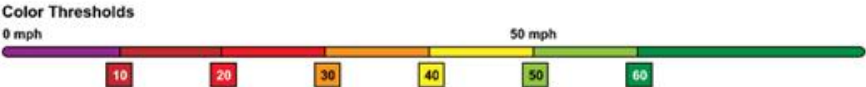
Date:

State: Pennsylvania ▾

Corridors: 7 selected ▾

Show: ☐ ☒ Map

Time Range
12:00 AM 12:00 PM 12:00 AM





Time Space Diagram

Comparison mode: ☐ Compare Corridors ☒ Compare Dates Speed (mph) Display Options

Date:

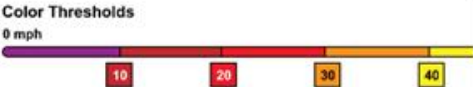
State: Pennsylvania

Corridors: 7 selected

Show: Map

Time Range:

12:00 AM 12:00 PM 12:00 AM



Show

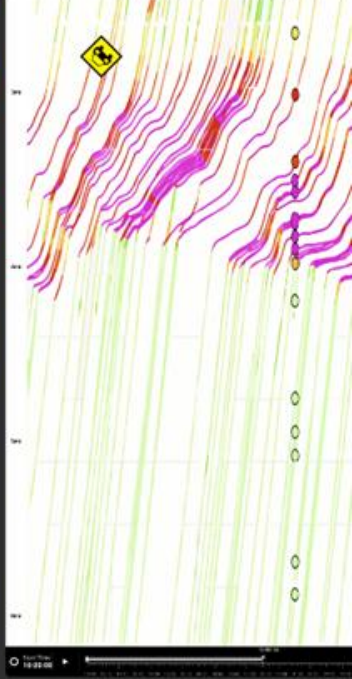
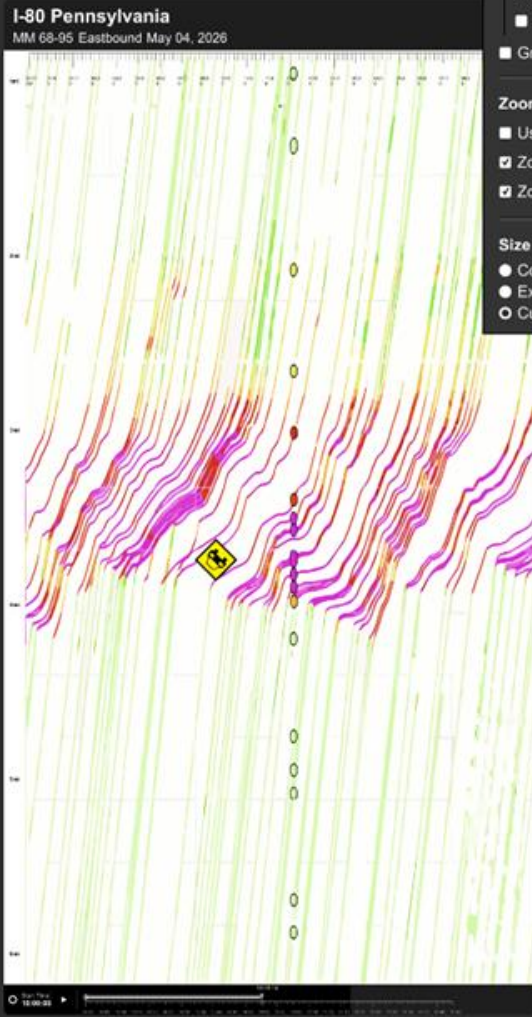
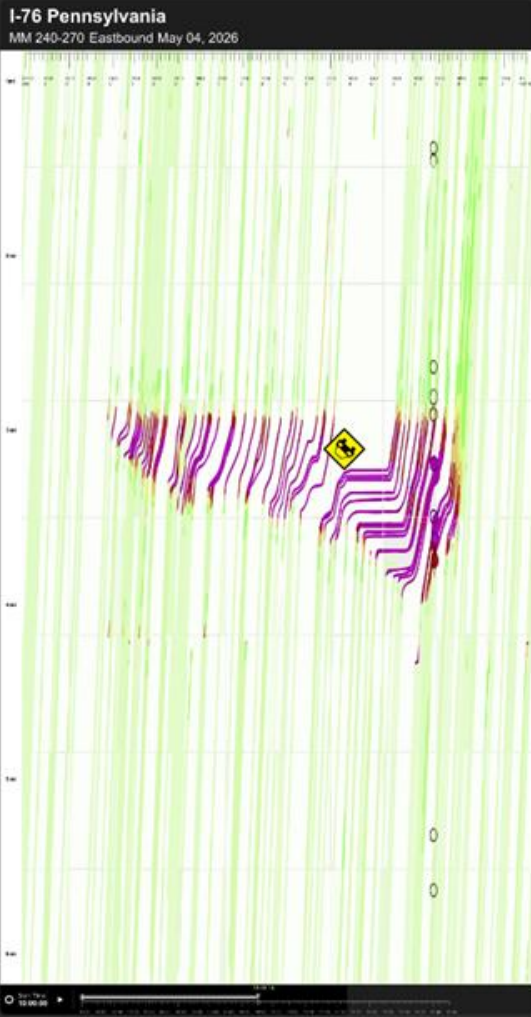
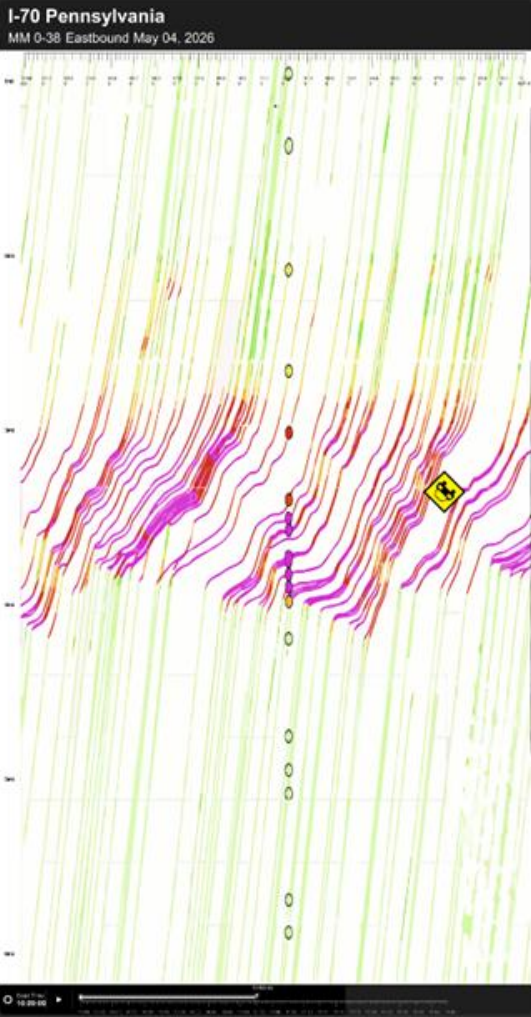
- ☐ Traffic Events
- ☒ Agency-reported events
- ☒ Waze events
- ☐ Dashcams
- ☒ Graph Data

Zooming

- ☐ Use advanced zooming options
- ☒ Zoom time range with mouse wheel
- ☒ Zoom road with mouse wheel

Size of charts

- ☐ Compact
- ☐ Expanded
- ☒ Custom





Time Space Diagram

Comparison mode: ☐ Compare Corridors ☒ Compare Dates Speed (mph) Display Options

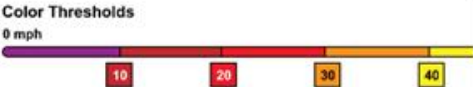
Date:

State: Pennsylvania

Corridors: 7 selected

Show: Map

Time Range: 12:00 AM 12:00 PM 12:00 AM



Show

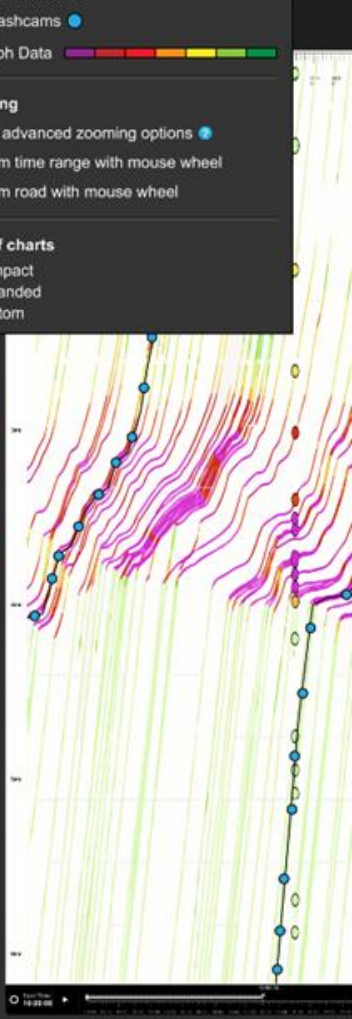
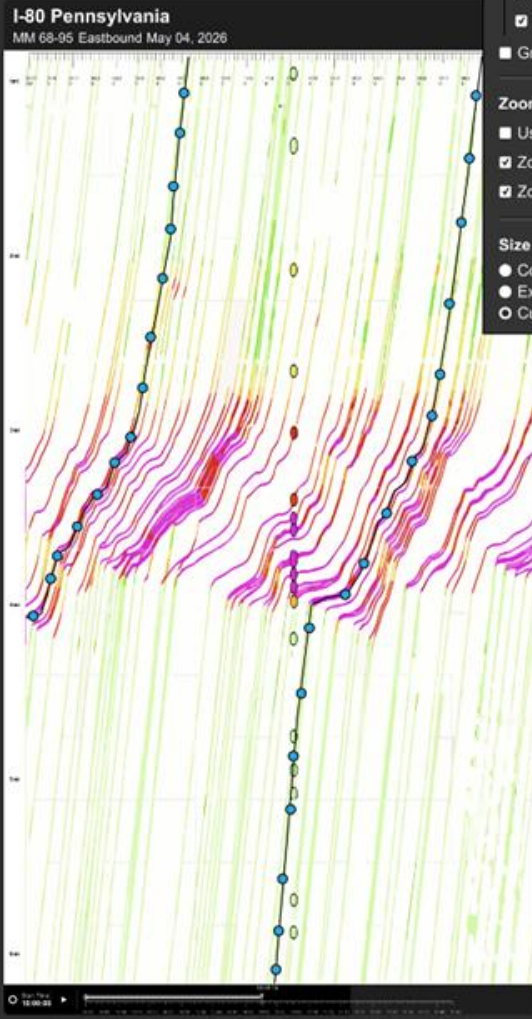
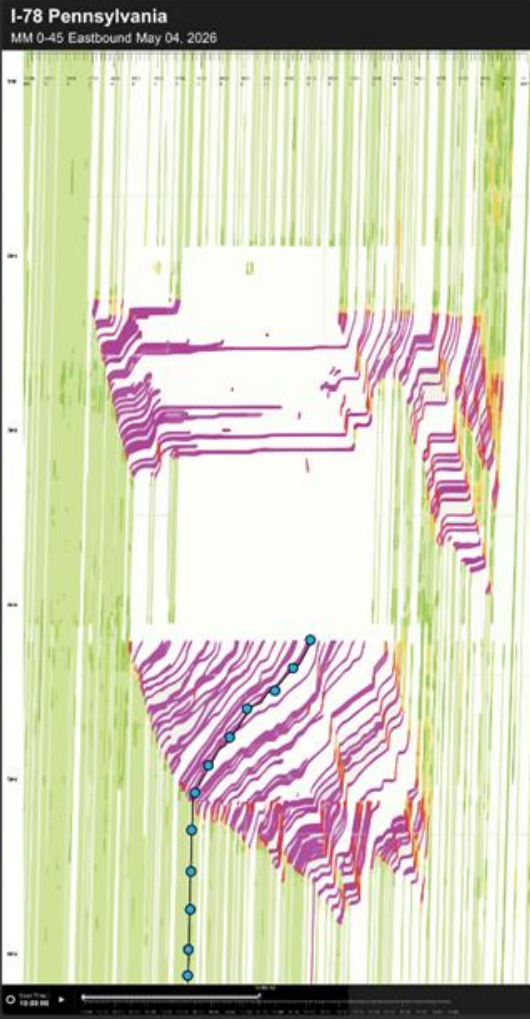
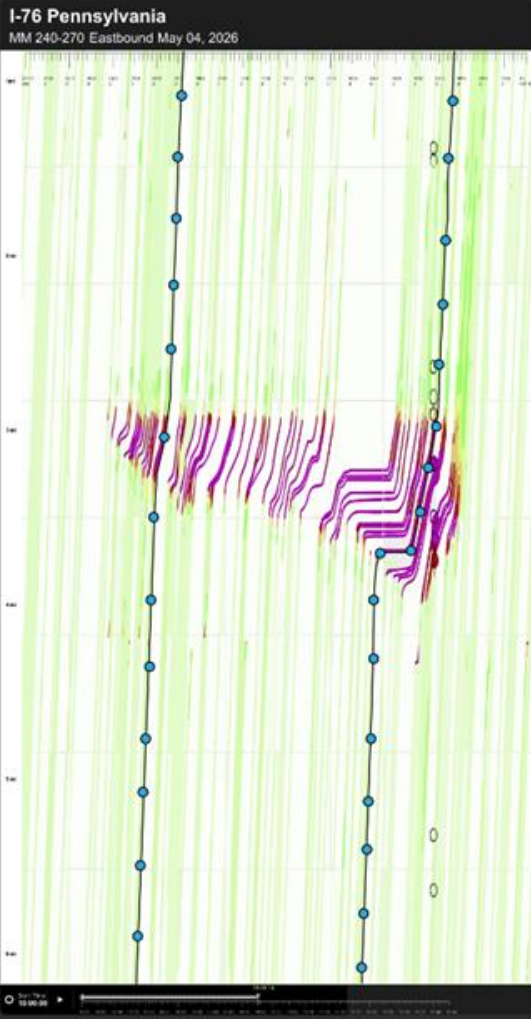
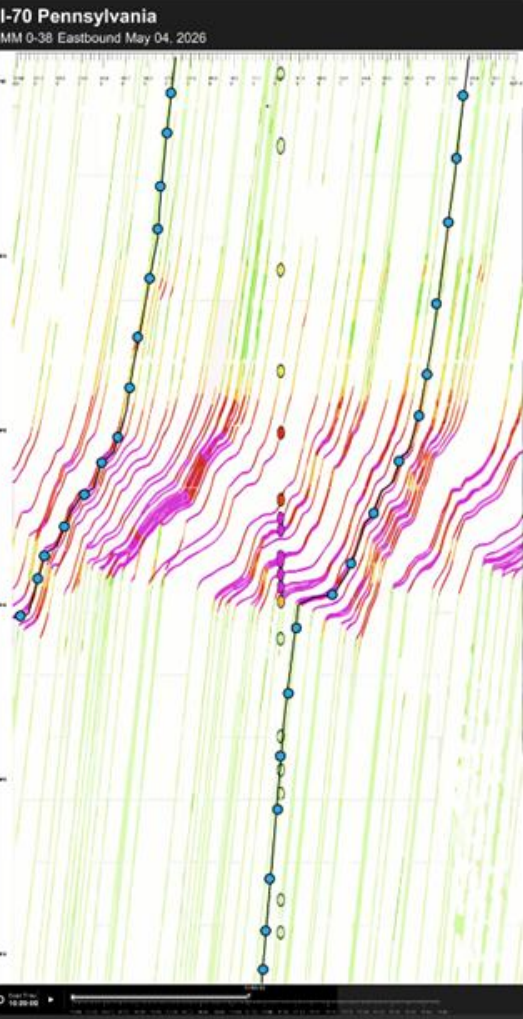
- ☐ Traffic Events
- ☐ Agency-reported events
- ☐ Waze events
- ☒ Dashcams
- ☐ Graph Data

Zooming

- ☐ Use advanced zooming options
- ☒ Zoom time range with mouse wheel
- ☒ Zoom road with mouse wheel

Size of charts

- ☐ Compact
- ☒ Expanded
- ☐ Custom





Time Space Diagram

Comparison mode: ☐ Compare Corridors ☒ Compare Dates Speed (mph) Display Options

Date: State: Corridors: Show: ☐ Map ☒ Time Range:



Show

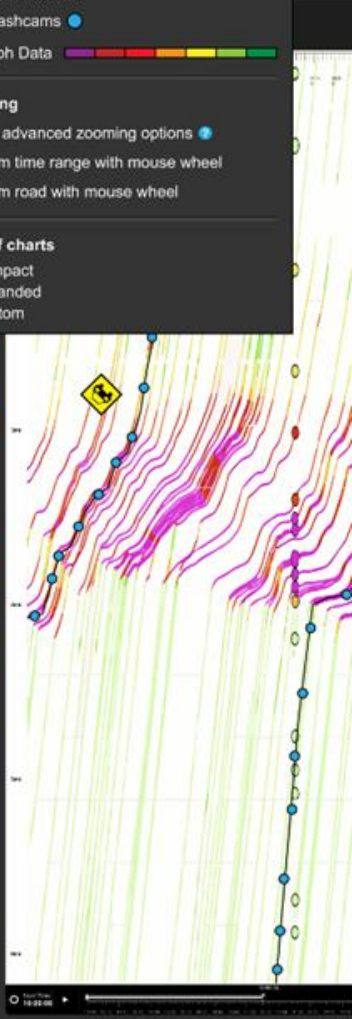
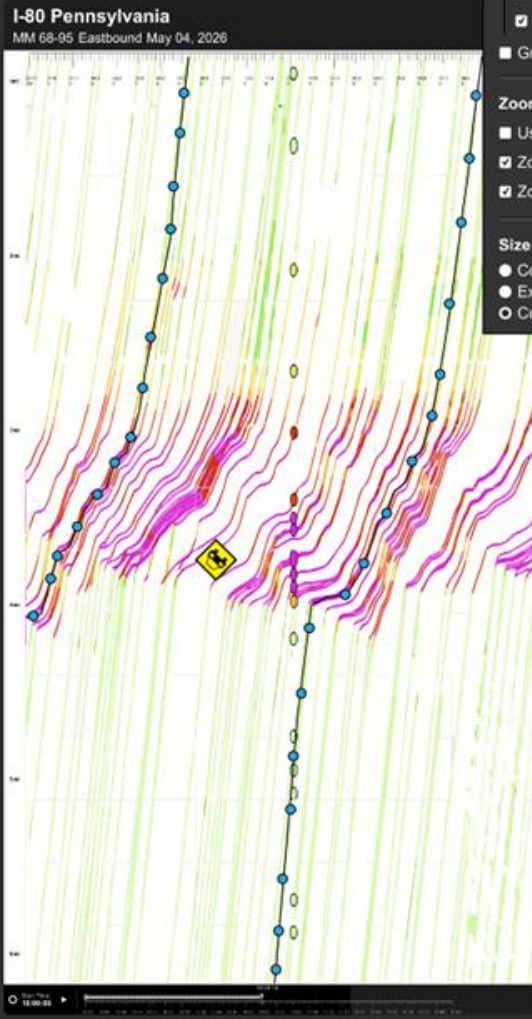
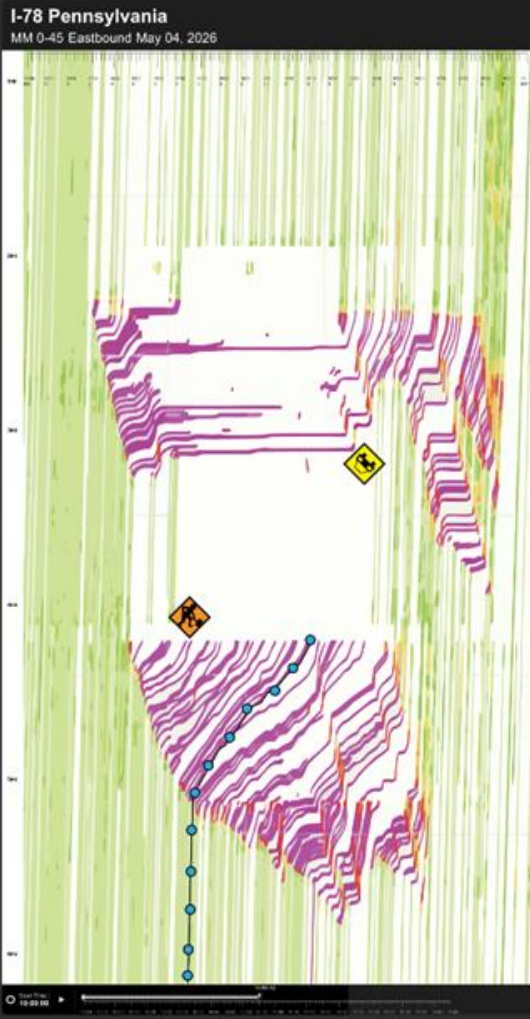
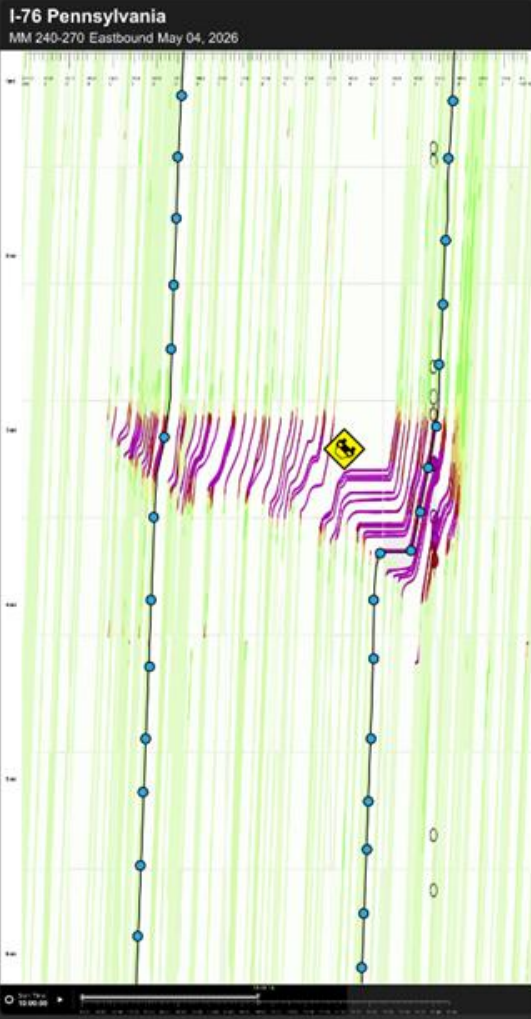
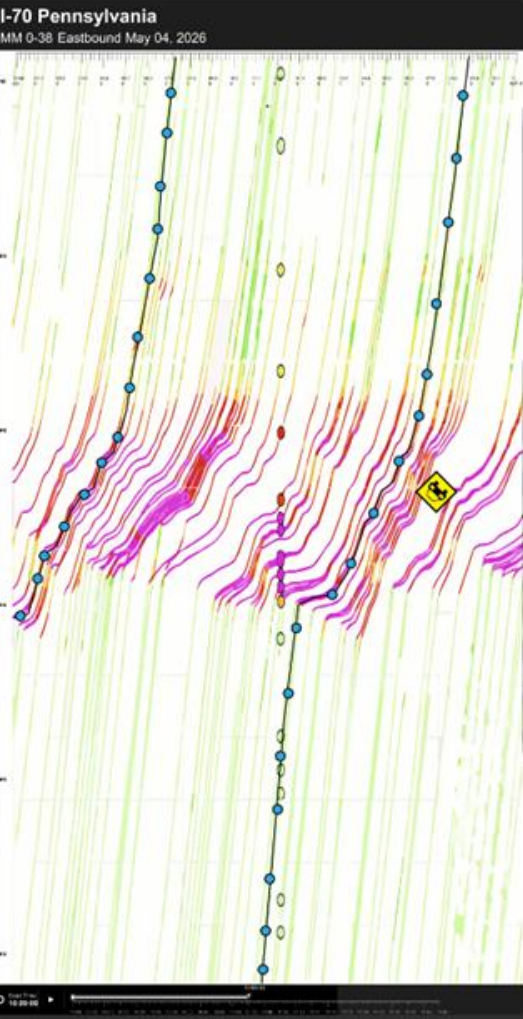
- ☒ Traffic Events
- ☒ Agency-reported events
- ☒ Waze events
- ☒ Dashcams
- ☐ Graph Data

Zooming

- ☐ Use advanced zooming options
- ☒ Zoom time range with mouse wheel
- ☒ Zoom road with mouse wheel

Size of charts

- ☐ Compact
- ☐ Expanded
- ☒ Custom





Time Space Diagram

Comparison mode: ☐ Compare Corridors ☒ Compare Dates Speed (mph) Display Options

Date:

State: Pennsylvania

Corridors: 7 selected

Show: ☐ Map

Time Range:

12:00 AM

12:00 PM

12:00 AM



Show

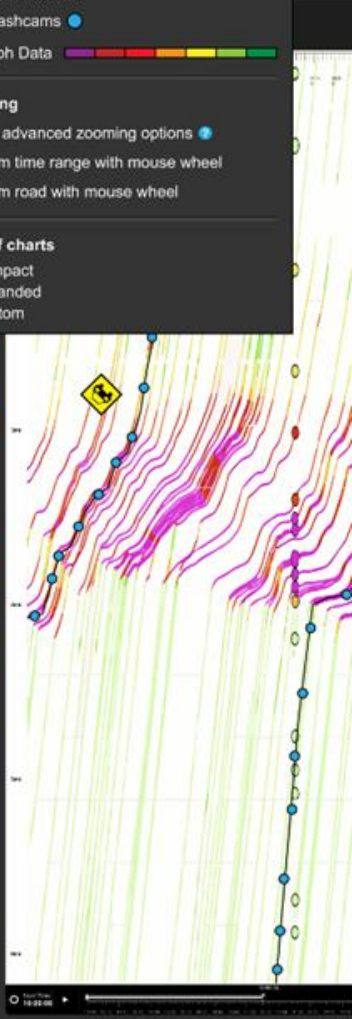
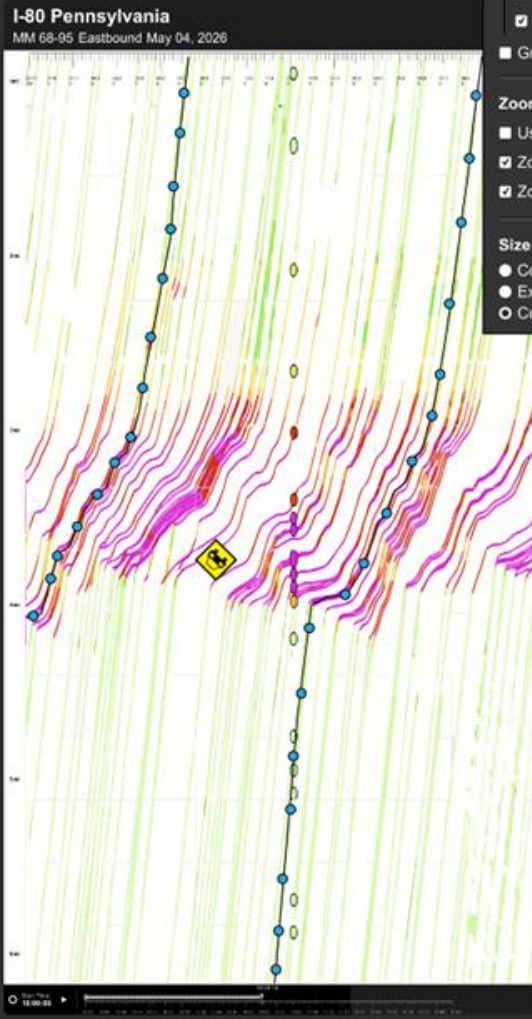
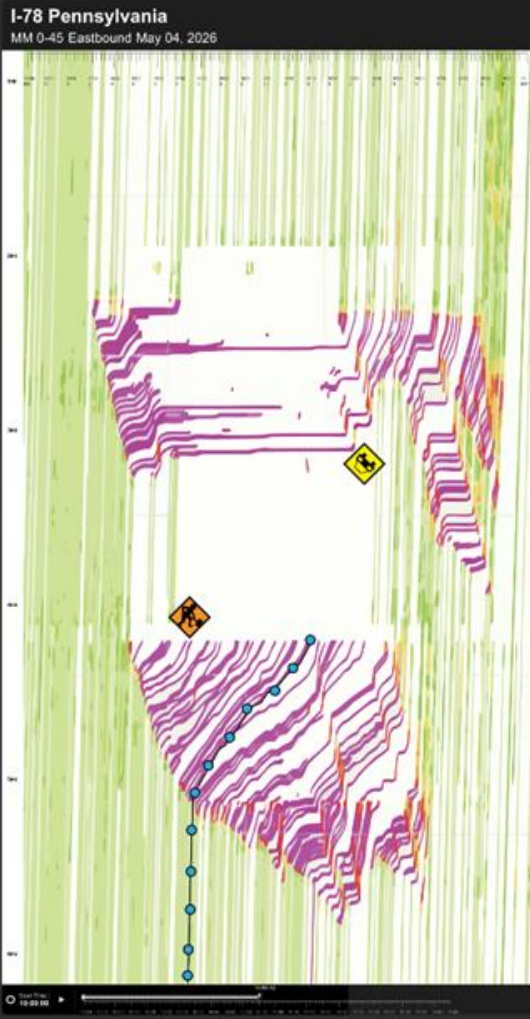
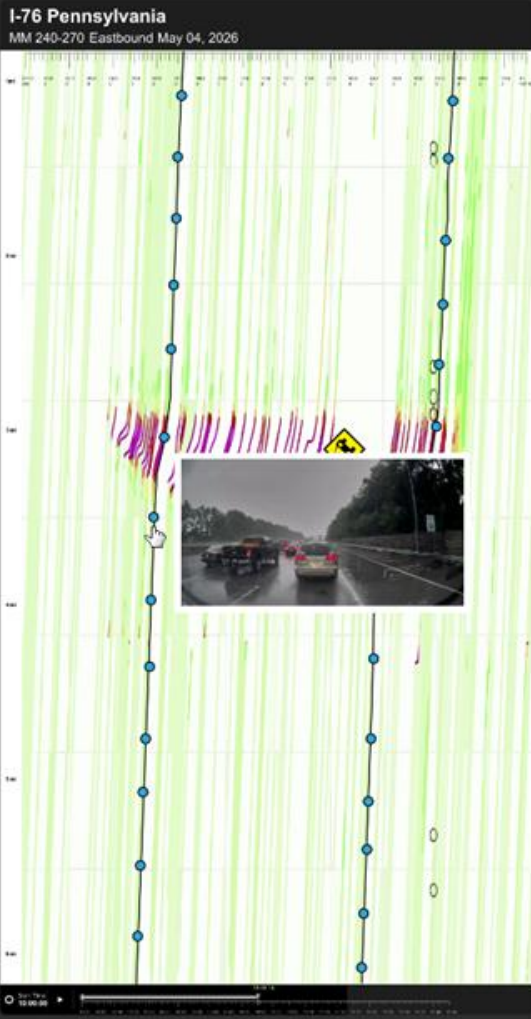
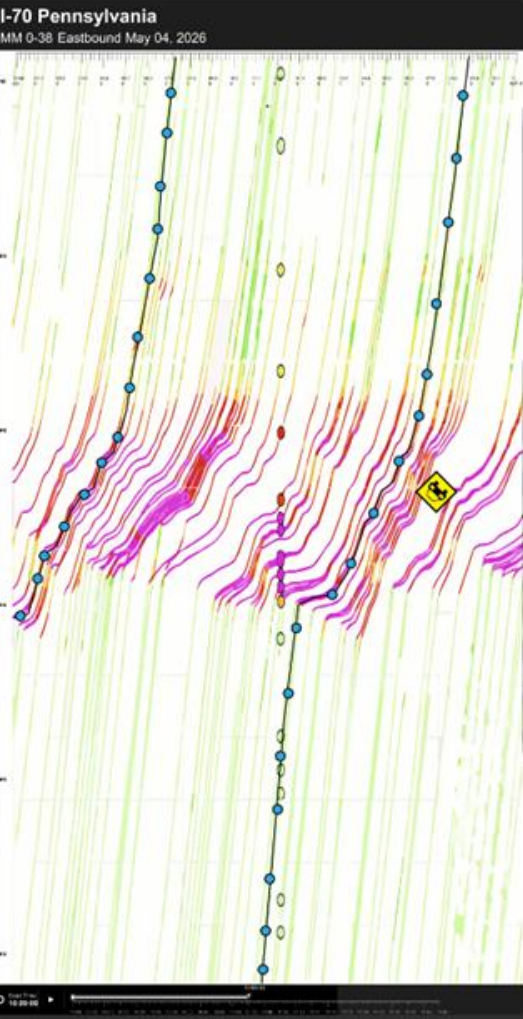
- ☒ Traffic Events
- ☒ Agency-reported events
- ☒ Waze events
- ☒ Dashcams
- ☐ Graph Data

Zooming

- ☐ Use advanced zooming options
- ☒ Zoom time range with mouse wheel
- ☒ Zoom road with mouse wheel

Size of charts

- ☐ Compact
- ☒ Expanded
- ☐ Custom





Time Space Diagram

Comparison mode: ☐ Compare Corridors ☒ Compare Dates Speed (mph) Display Options

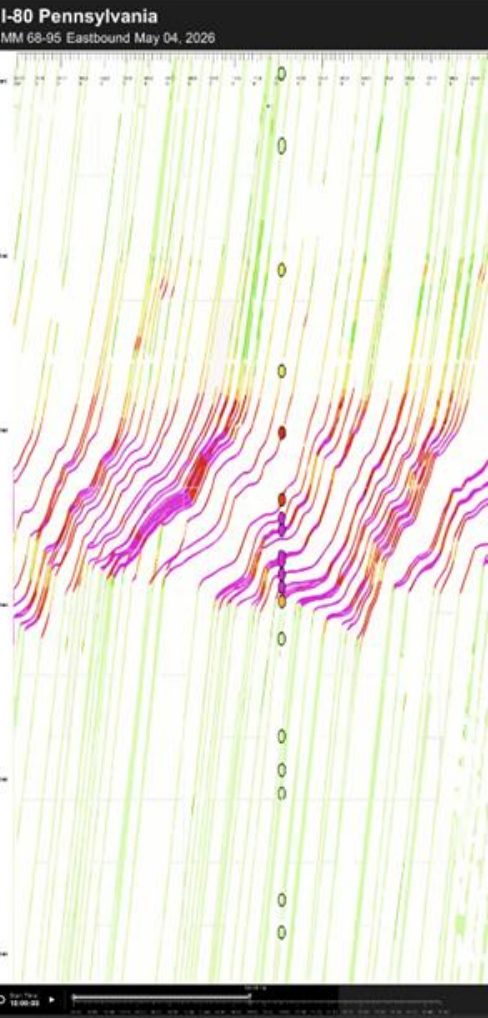
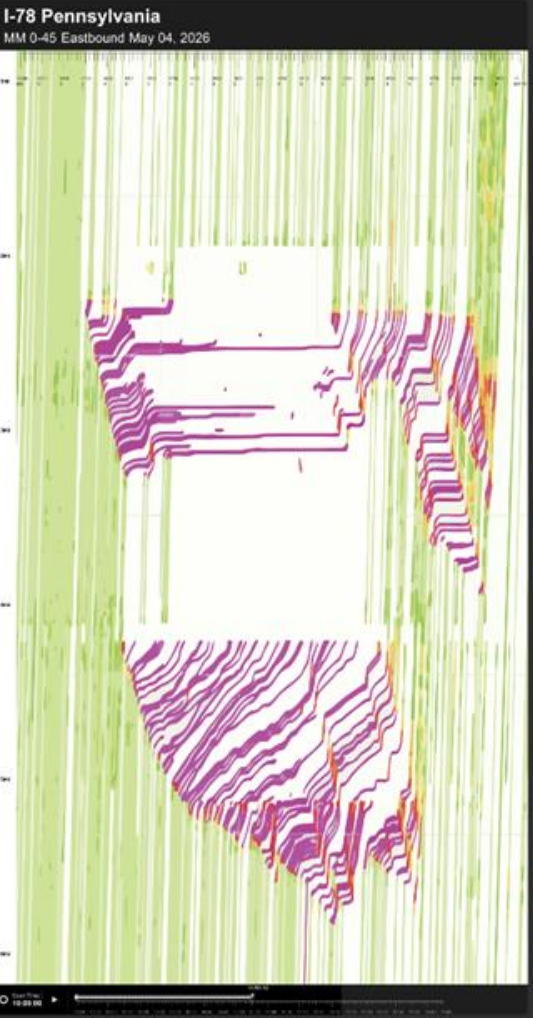
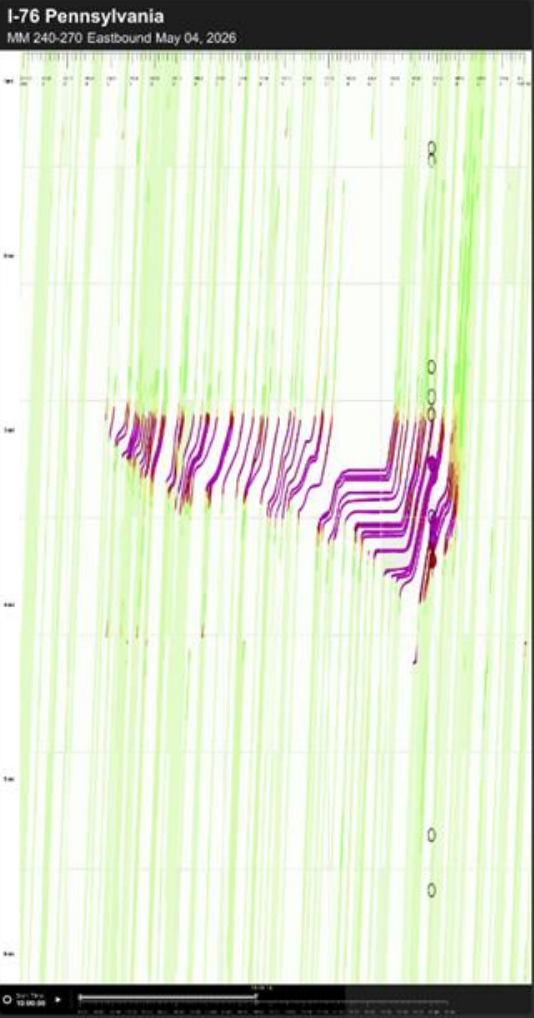
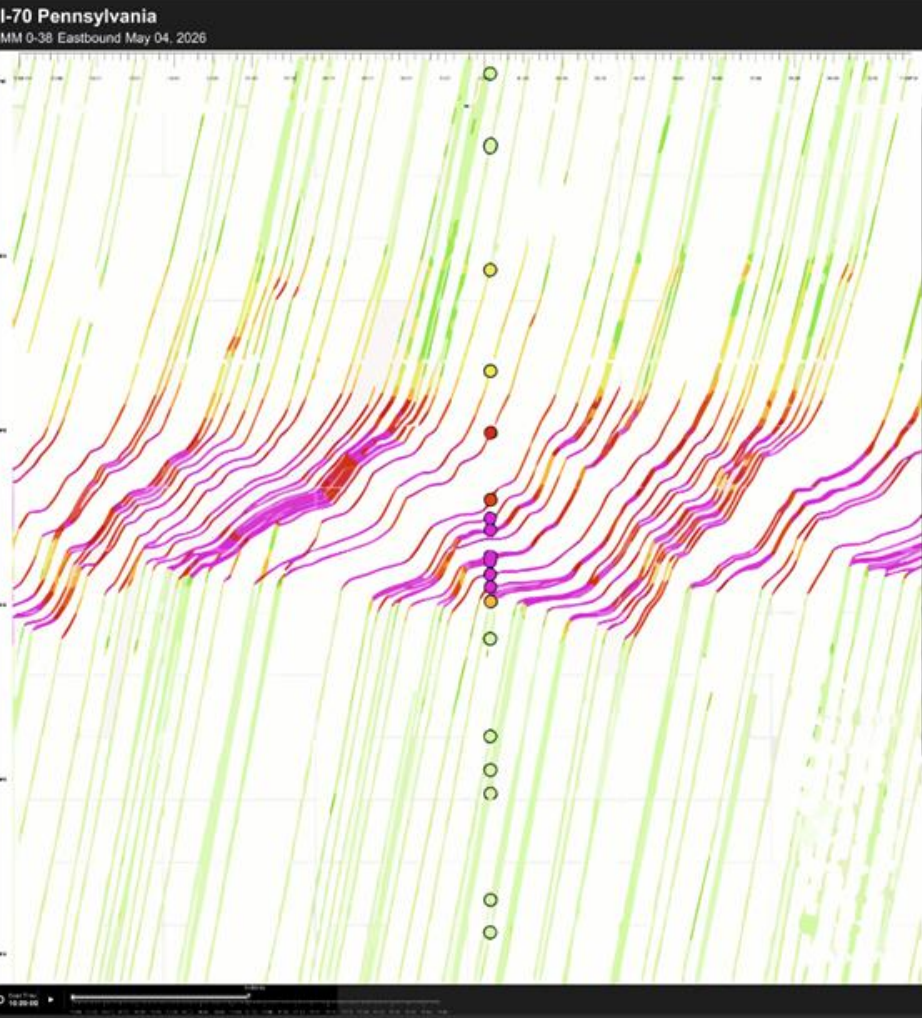
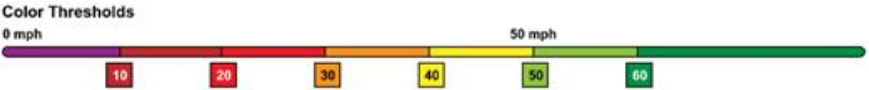
Date:

State: Pennsylvania

Corridors: 7 selected

Show: Map

Time Range: 12:00 AM 12:00 PM 12:00 AM





Time Space Diagram

Comparison mode: ☐ Compare Corridors ☒ Compare Dates Speed (mph) Display Options

Date:
State: Pennsylvania
Corridors: 7 selected
Show:

Time Range
12:00 AM 12:00 PM



Show

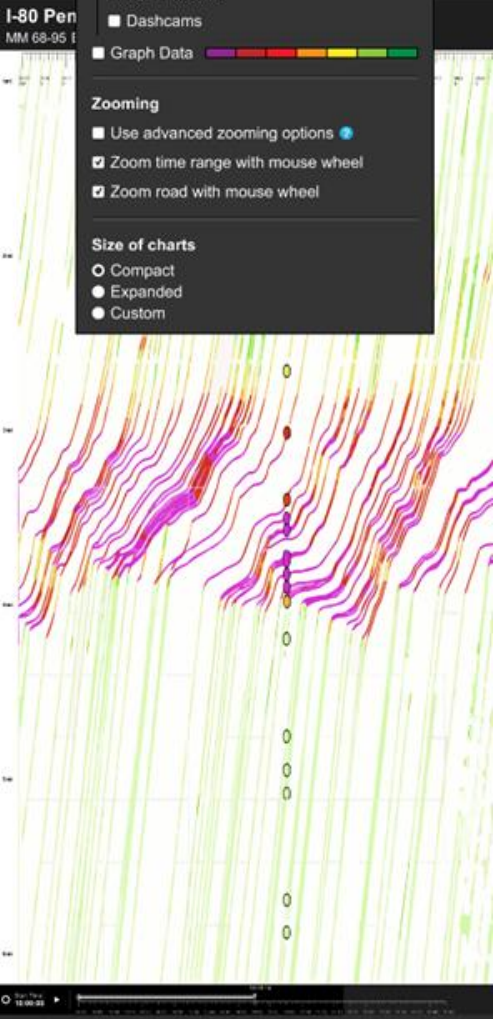
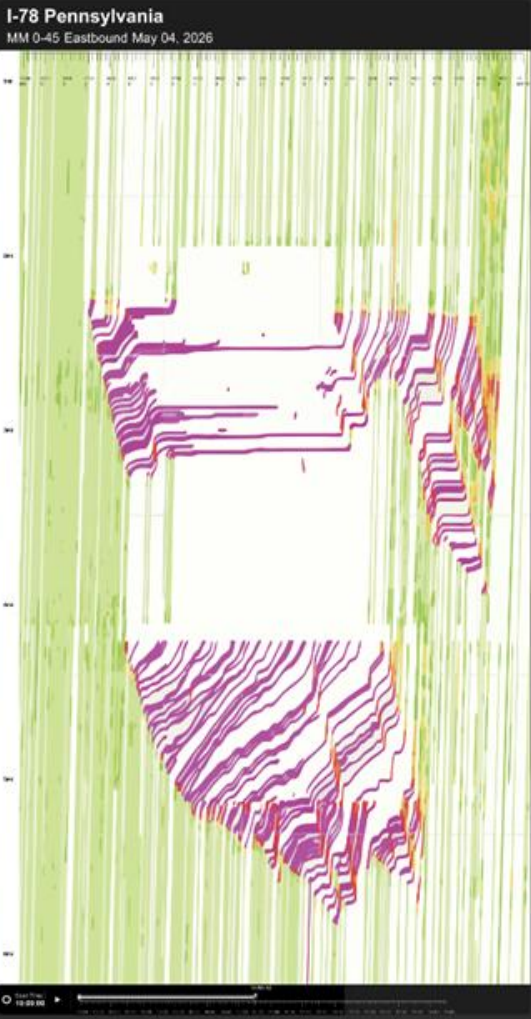
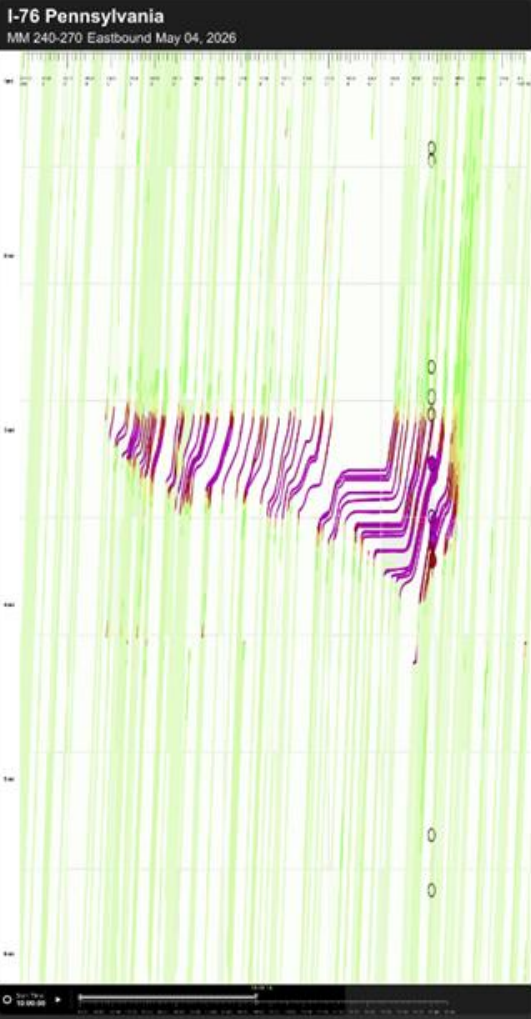
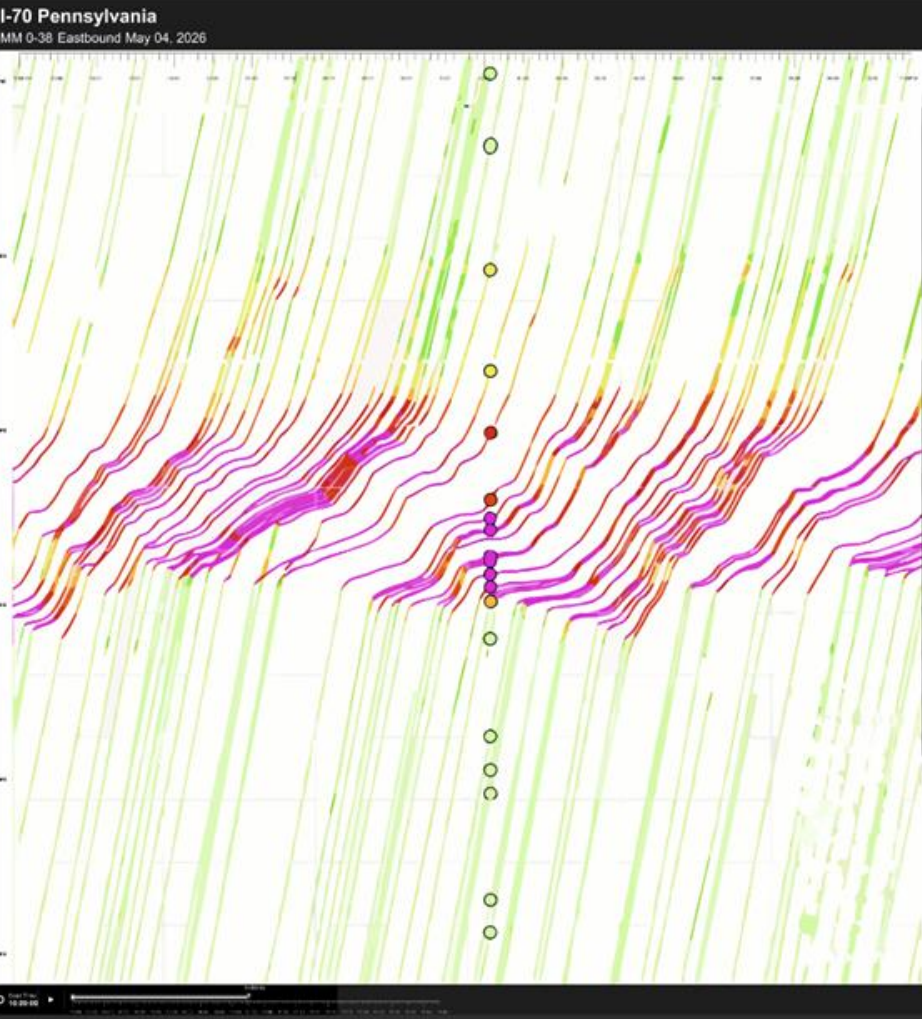
- ☒ Traffic Events
- ☐ Agency-reported events
- ☐ Waze events
- ☐ Dashcams
- ☐ Graph Data

Zooming

- ☒ Use advanced zooming options
- ☒ Zoom time range with mouse wheel
- ☒ Zoom road with mouse wheel

Size of charts

- ☐ Compact
- ☒ Expanded
- ☐ Custom



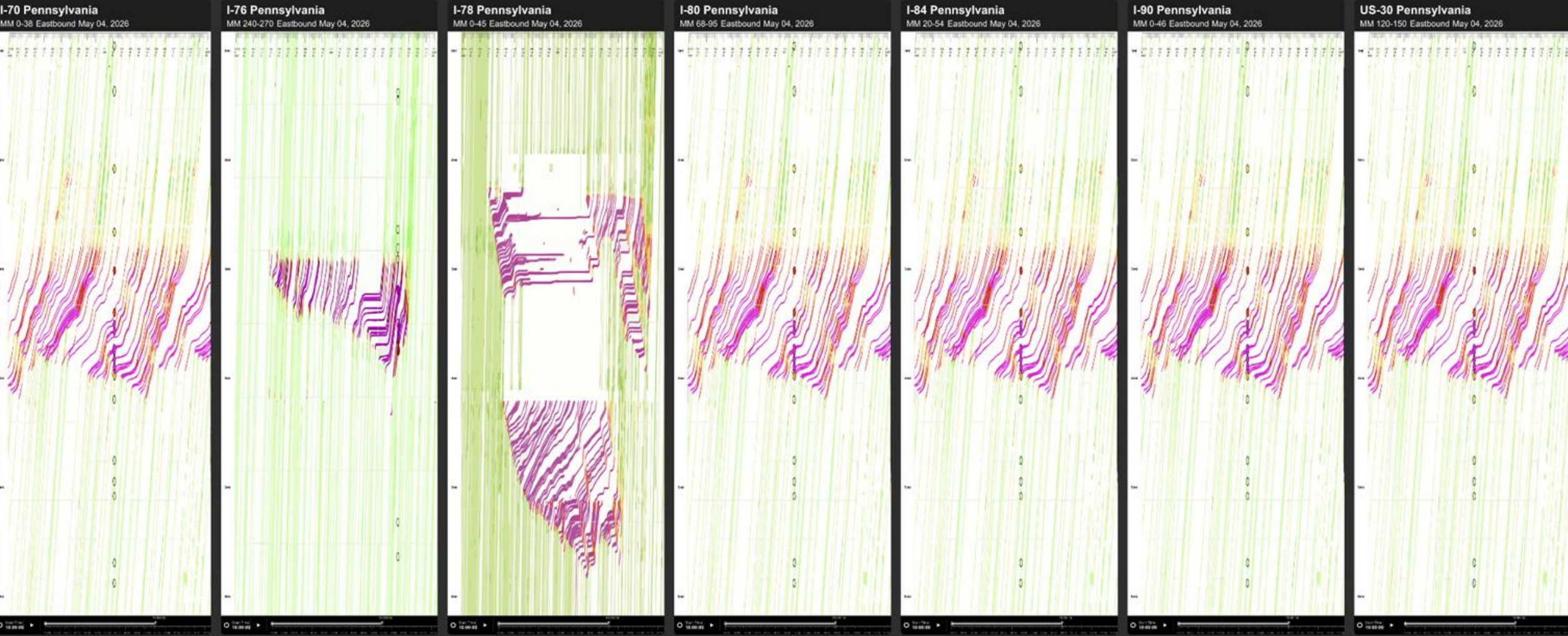
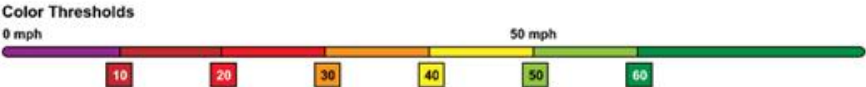


Time Space Diagram

Comparison mode: ☐ Compare Corridors ☒ Compare Dates Speed (mph) Display Options

Date:
State: Pennsylvania
Corridors: 7 selected
Show:

Time Range
12:00 AM 12:00 PM 12:00 AM



Single corridor, multiple dates

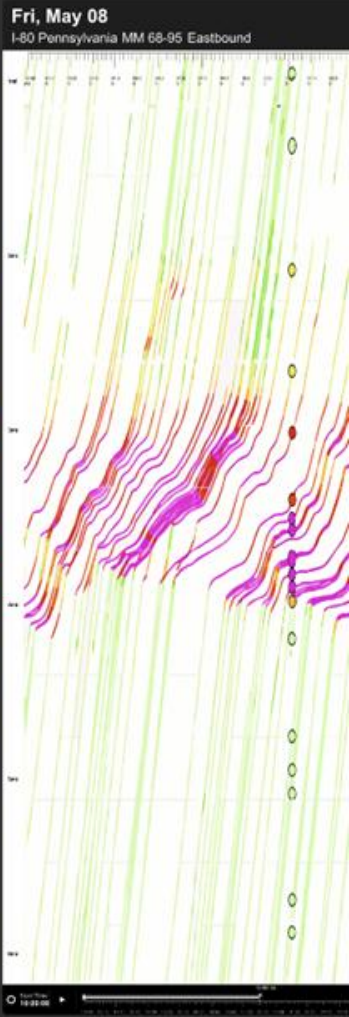
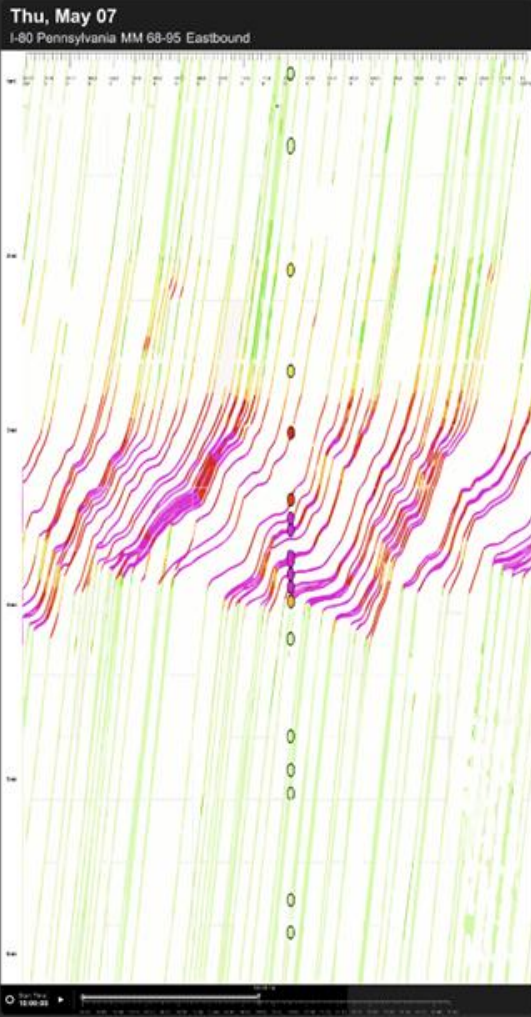
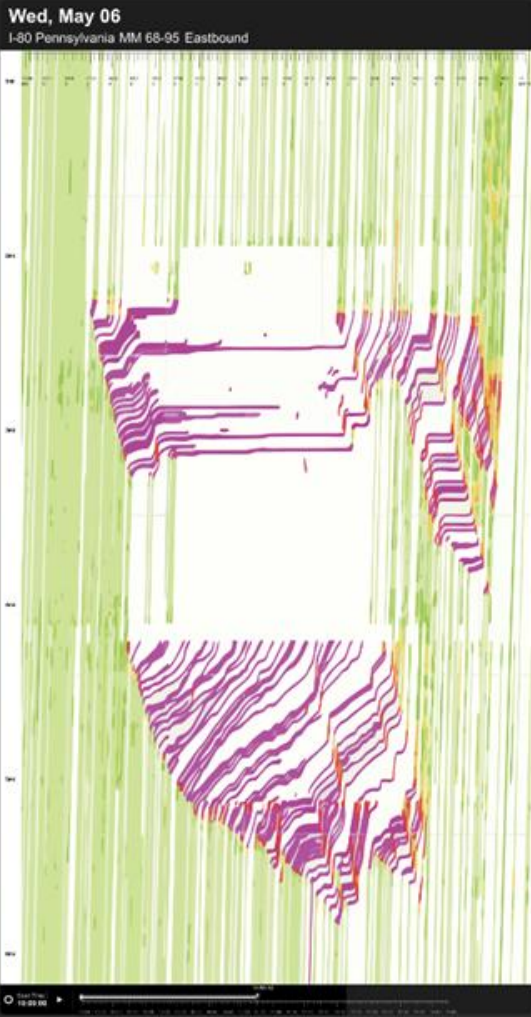
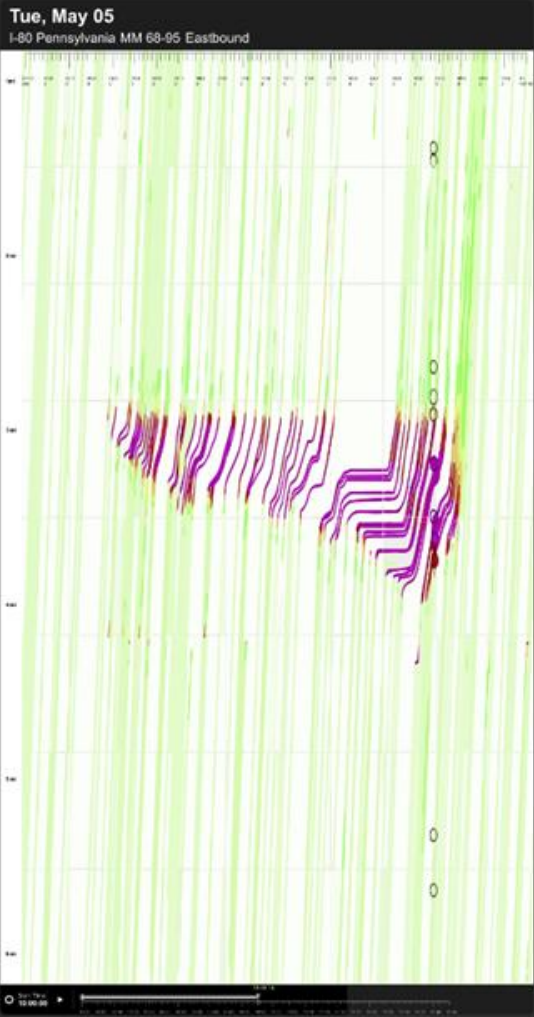
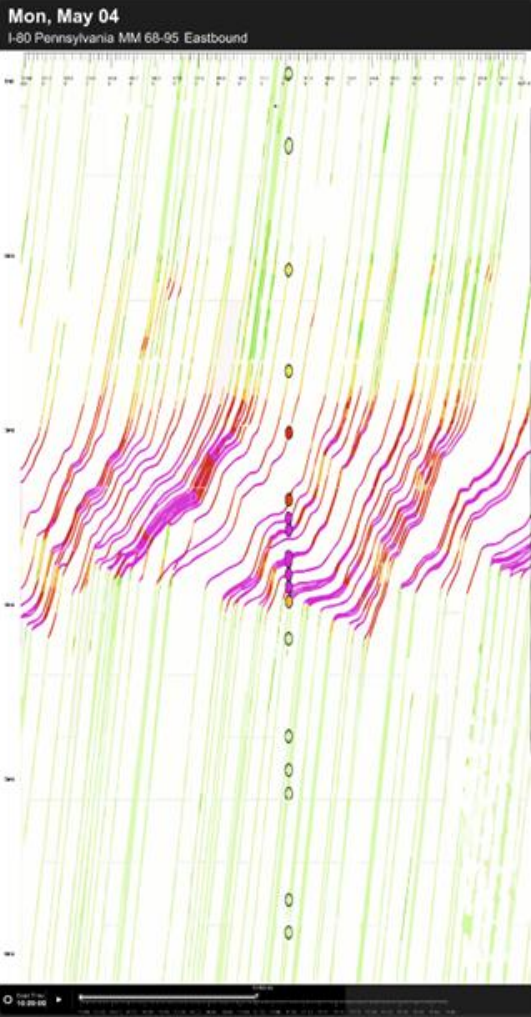
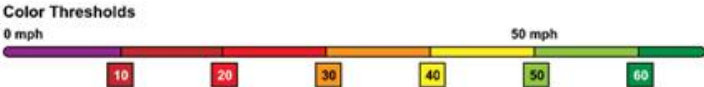


Time Space Diagram

Comparison mode: ☒ Compare Corridors ☐ Compare Dates Speed (mph) Display Options

Date range: ☒ Week ☐ Custom
05/04/2026 - through - 05/08/2026
State: Pennsylvania
Corridors: I-80 MM 68-95
Direction: Eastbound
Show: ☐ Map

Time Range
12:00 AM 12:00 PM 12:00 AM
12:00 AM 12:00 AM

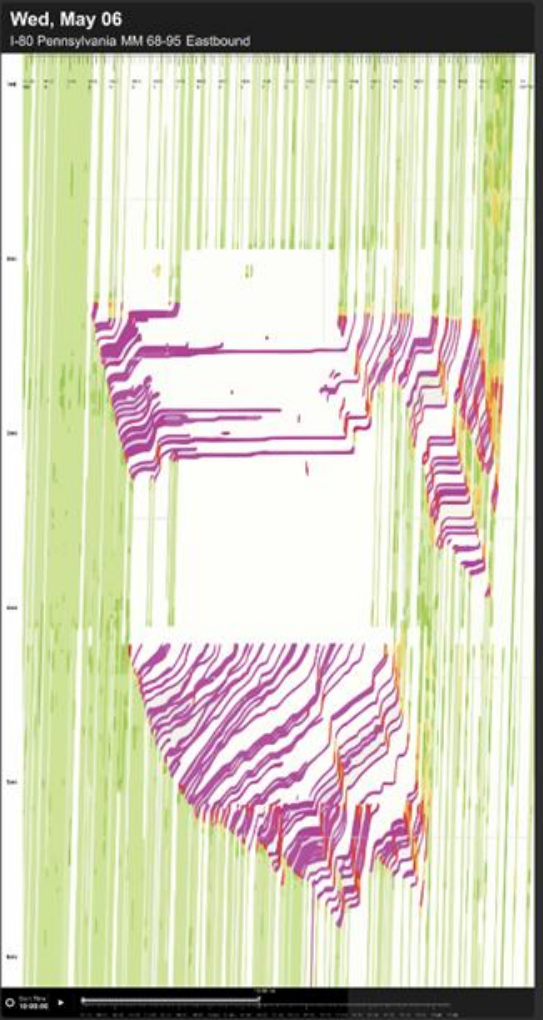
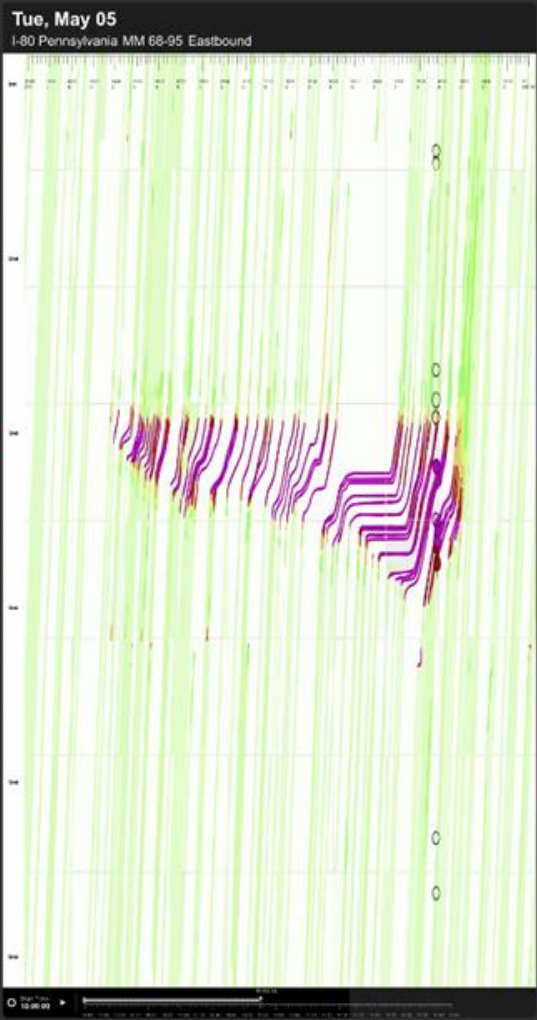
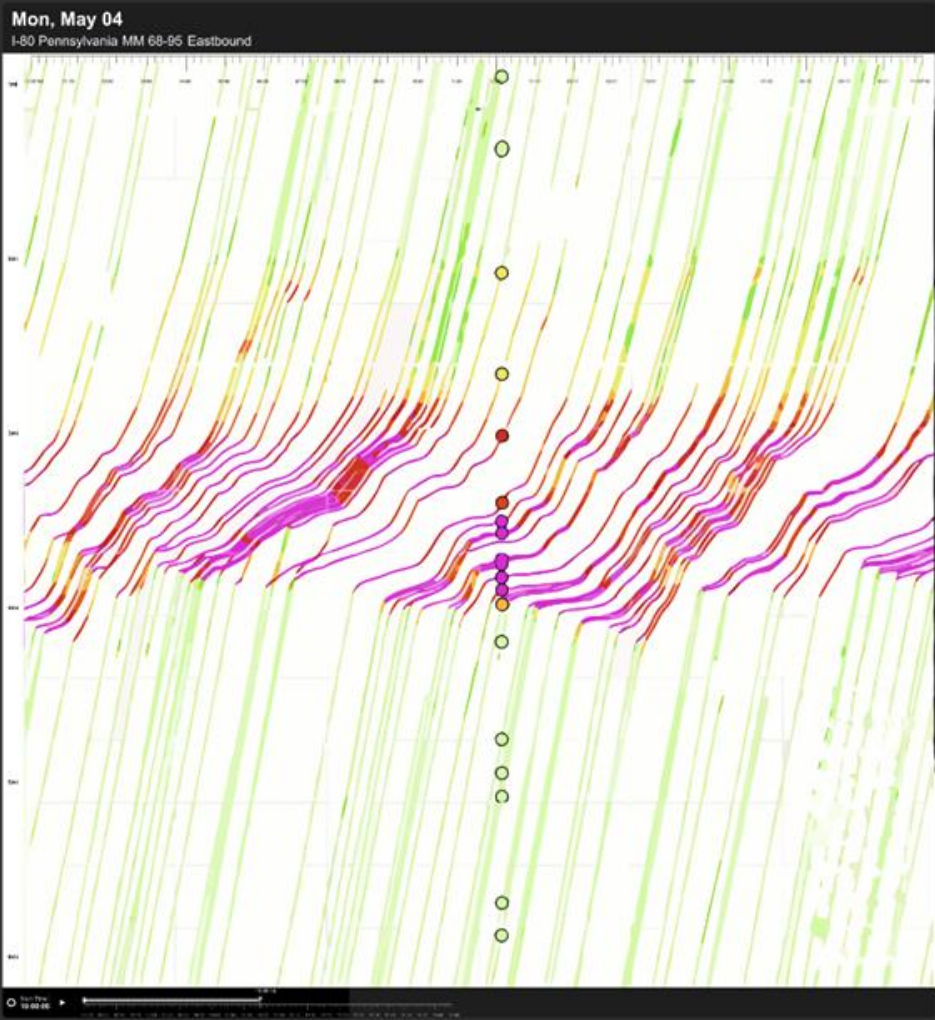
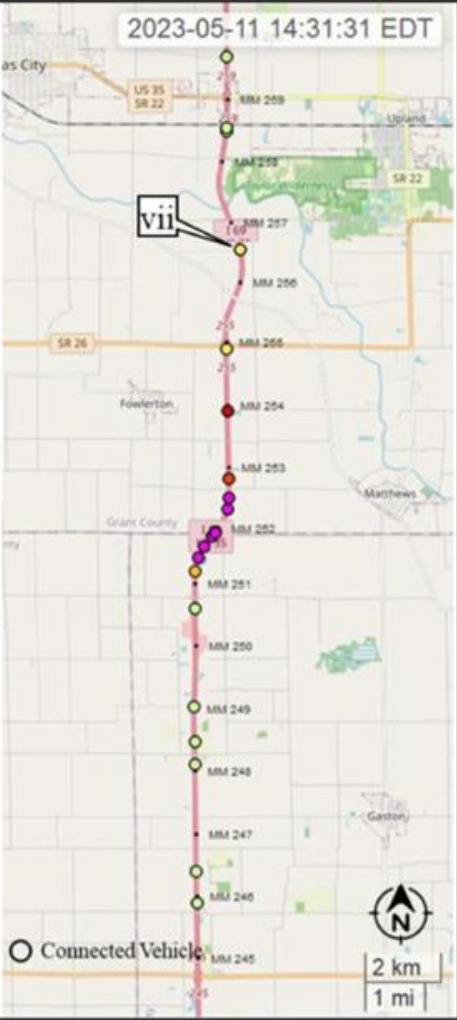
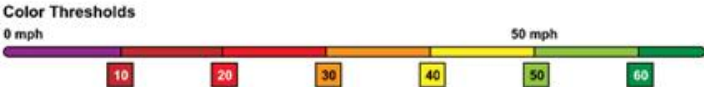


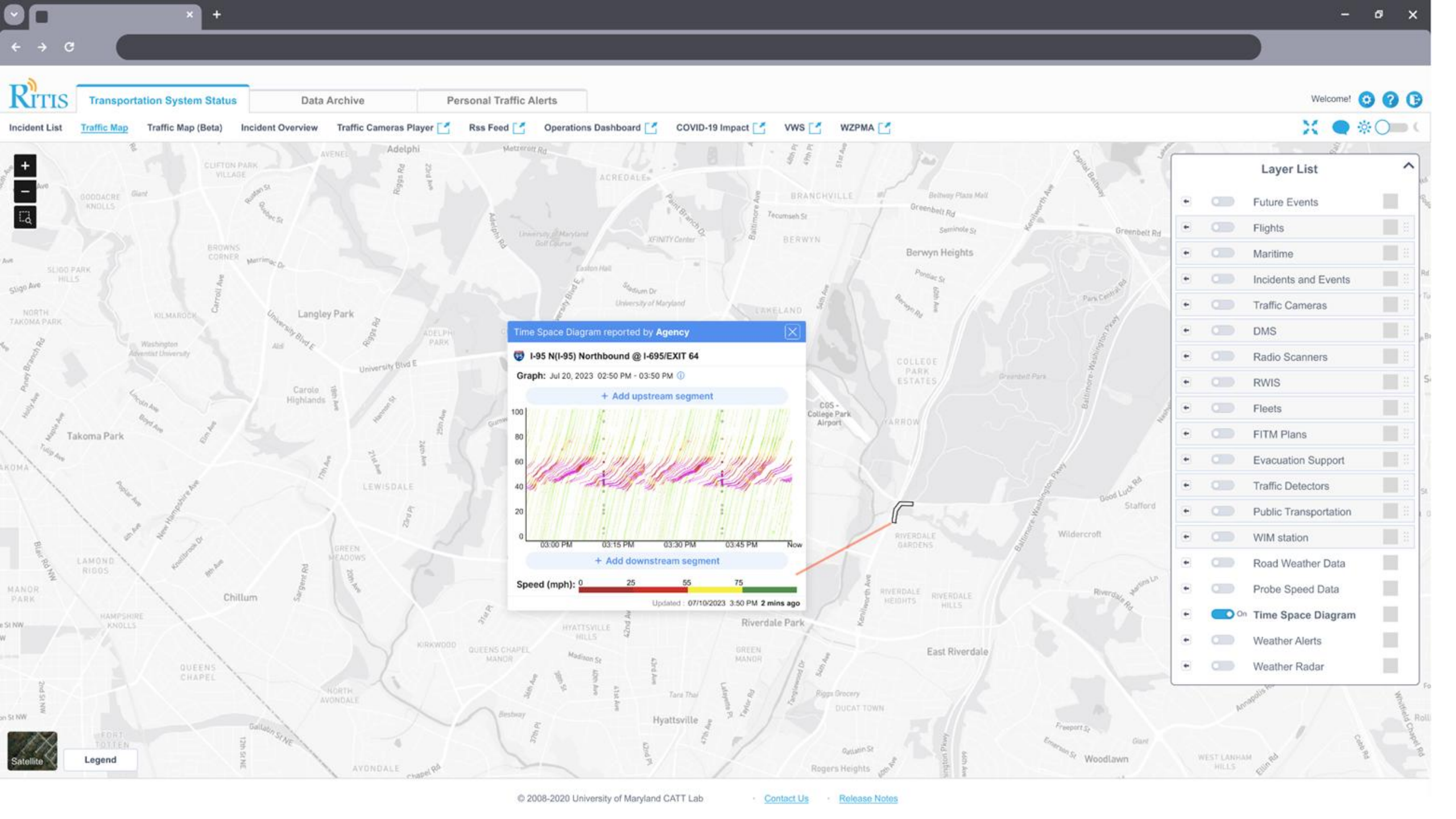


Time Space Diagram

Comparison mode: ☒ Compare Corridors ☐ Compare Dates Speed (mph) Display Options

Date range: ☒ Week ☐ Custom State: Pennsylvania Corridors: I-80 MM 68-95 Direction: Eastbound Show: ☒ Map Time Range: 12:00 AM 12:00 PM 12:00 AM





Want to be more involved in enhancements?

Contact Bob Frey with MassDOT

bob.frey@state.ma.us

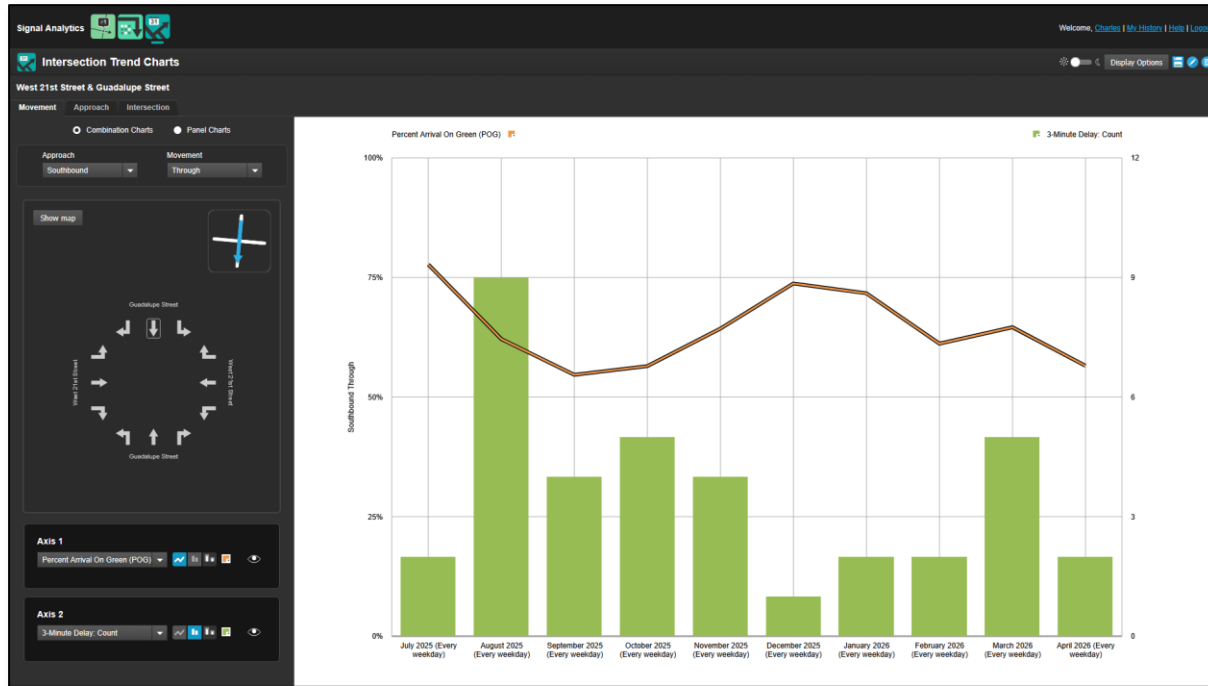


ATSPM & New Signal Analytics Capabilities

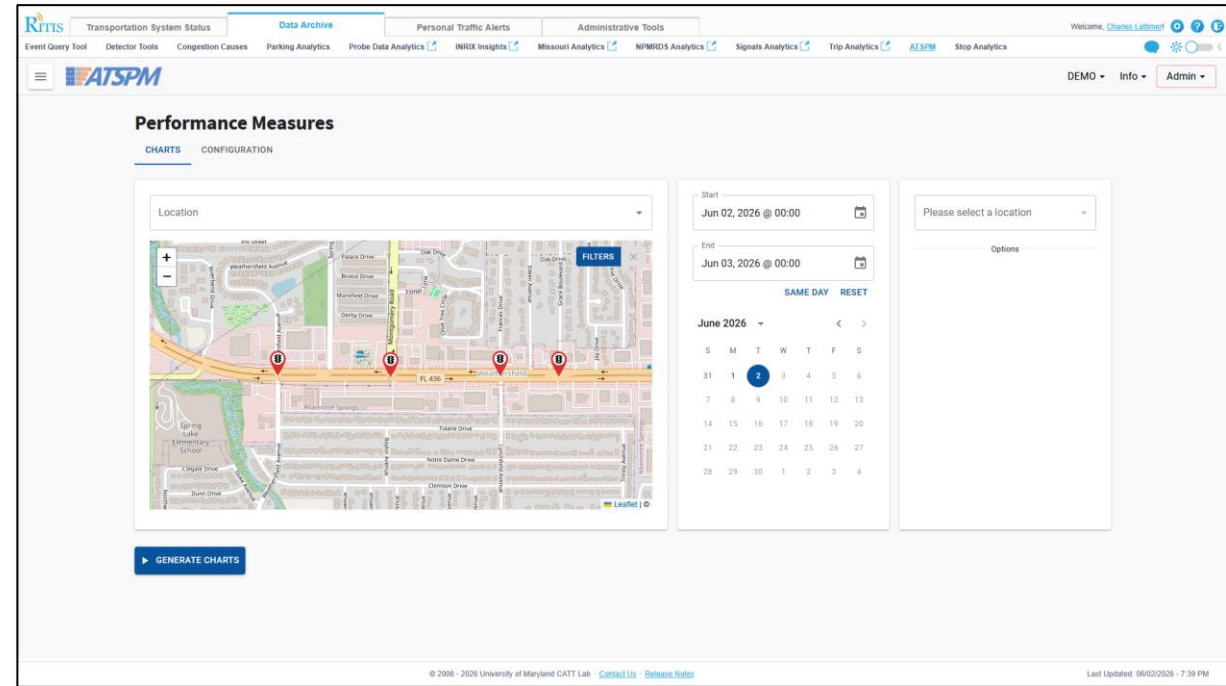
Charles Lattimer
CATT Lab



Signal Analytics: What's New



New Tool: Intersection Trend Charts

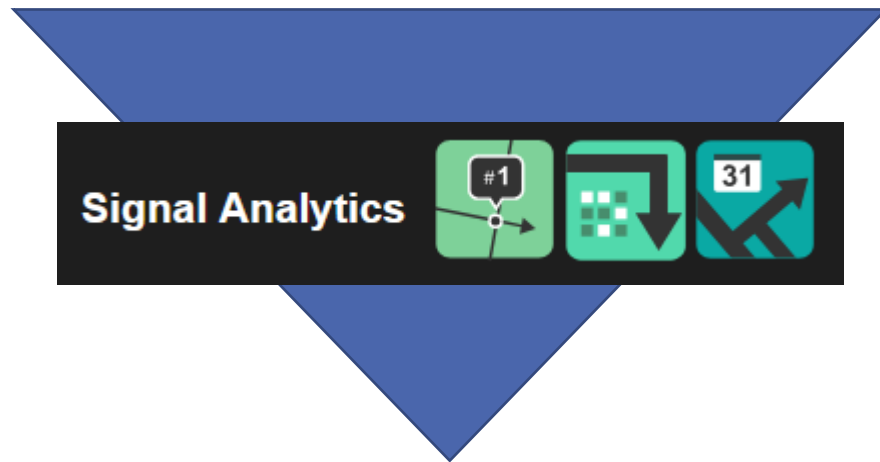


New Offering: Cloud-Hosted ATSPM

Traffic Signal Performance Measurement

Top-Down Approach

Start with high-resolution probe data...



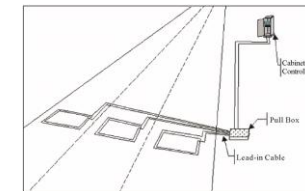
Derive intersection performance metrics

Bottom-Up Approach

Derive traffic performance metrics



Start with high-resolution detector data...



RITIS Signal Analytics



INTERSECTION RANKING

Generate intersection performance reports for dates and times of your choice.

[Tutorial](#) [Help](#) [History](#)

Scan for issues across many intersections



INTERSECTION MATRIX

Generate a visualization showing how intersection performance changes by time of day and day of week.

[Tutorial](#) [Help](#) [History](#)

Deep dive into individual intersections



INTERSECTION TREND CHARTS

Create charts to discover trends over days, weeks, and months.

[Help](#) [History](#)

Visualize changes over time



INTERSECTION PERFORMANCE CHARTS

Coming soon!

Visualize daily performance patterns

Great for:

- before/after studies
- identifying seasonal changes

Intersection Trend Charts

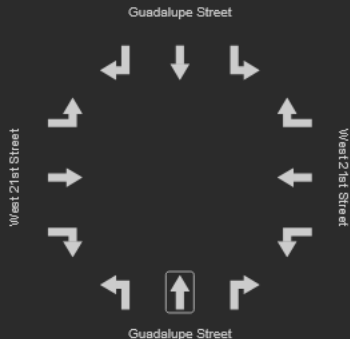
West 21st Street & Guadalupe Street

Movement Approach Intersection

Combination Charts Panel Charts

Approach Northbound Movement Through

Show map

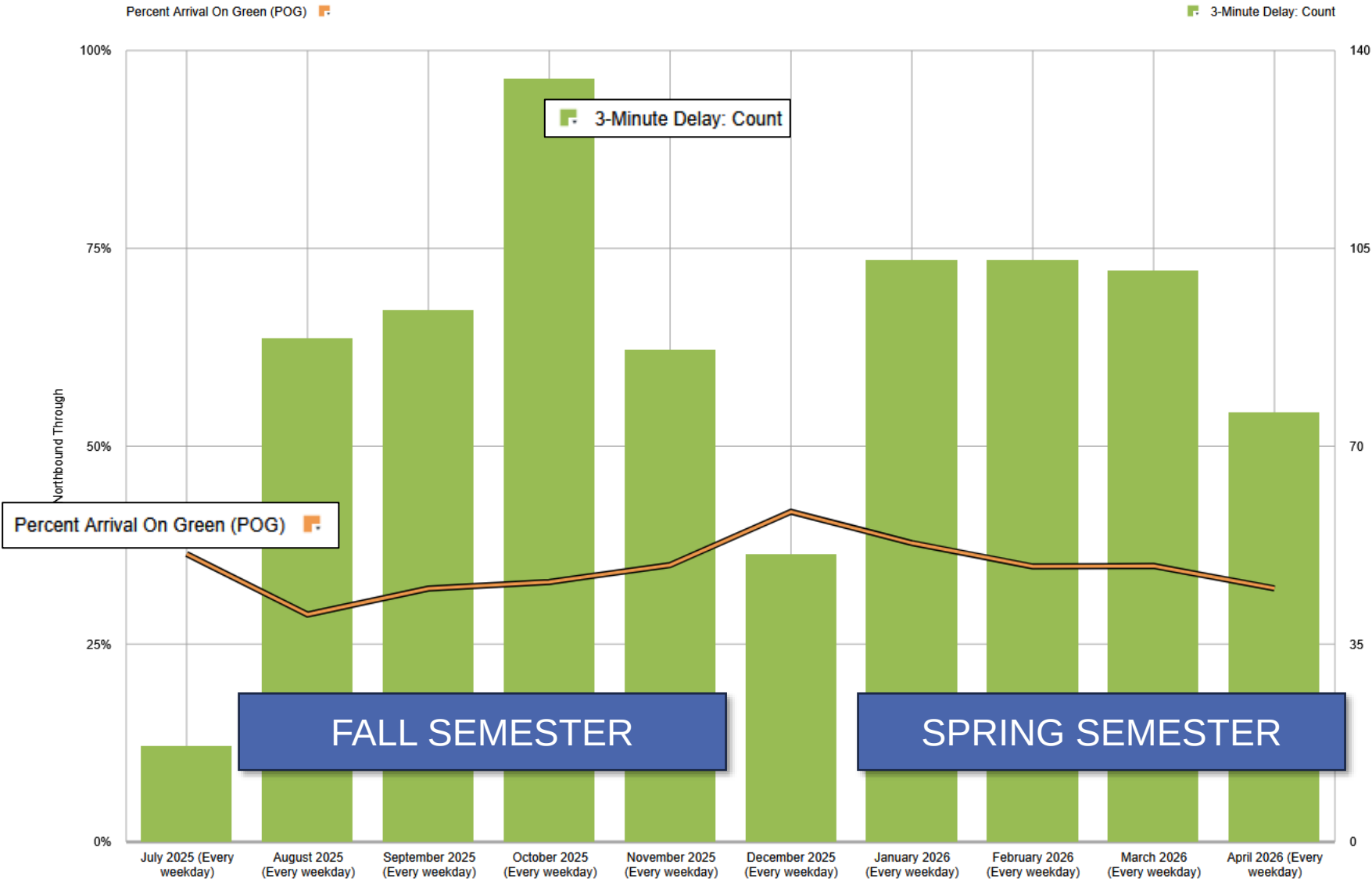


Axis 1

Percent Arrival On Green (POG)

Axis 2

3-Minute Delay: Count



Intersection Trend Charts

West 21st Street & Guadalupe Street

Movement

Approach

Intersection

☐ Combination Charts

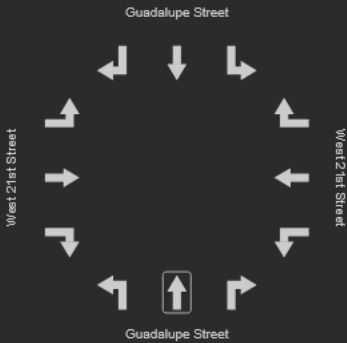
☒ Panel Charts

Approach

Northbound

Movement

Through



Axis 1

Percent Arrival On Green (POG)



Axis 2

Vehicle Count



Vehicle Count: Total



Vehicle Count: Stopped



3-Minute Delay: Count



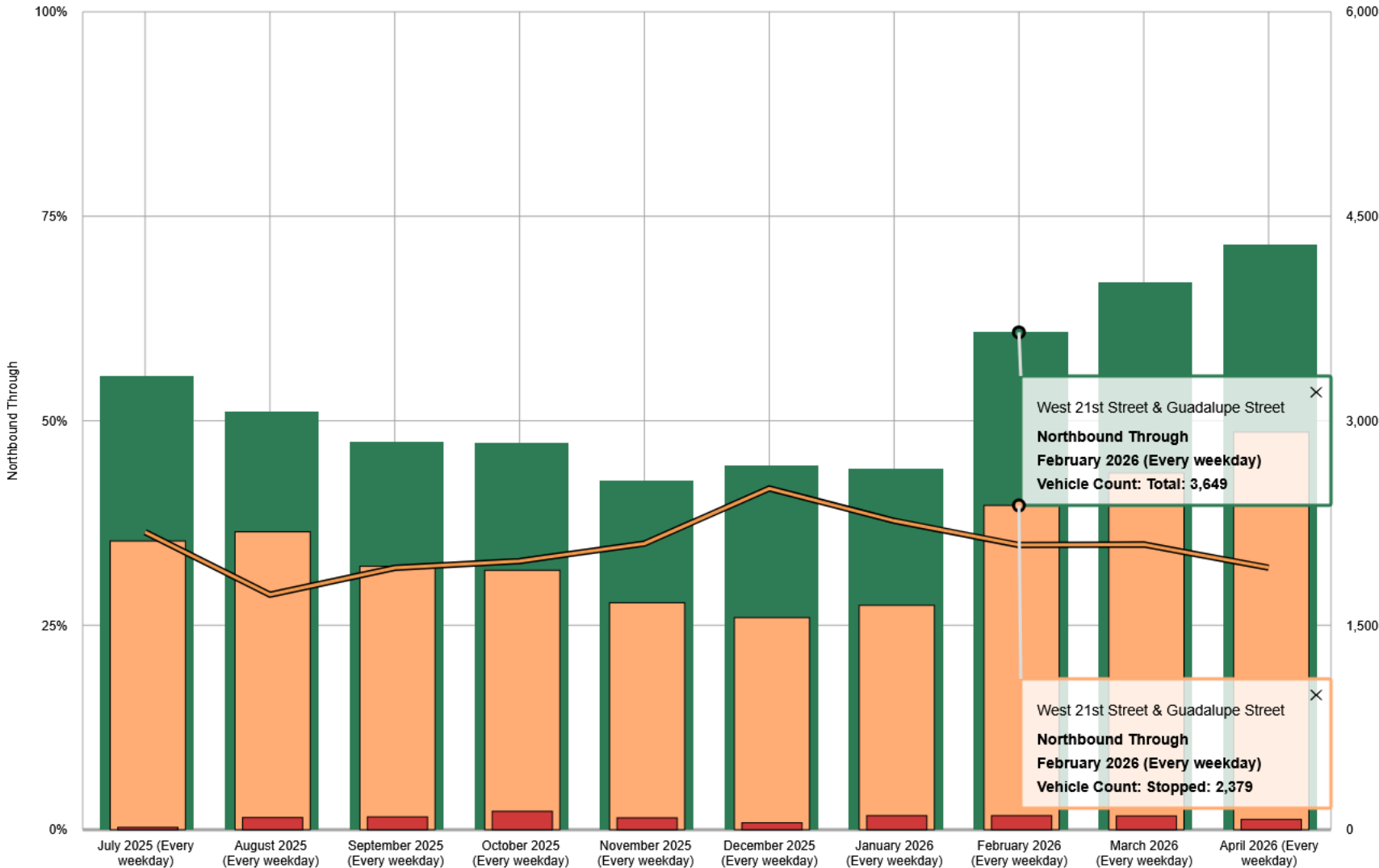
Percent Arrival On Green (POG)



Vehicle Count: Total

Vehicle Count: Stopped

3-Minute Delay: Count



West 21st Street & Guadalupe Street

Northbound Through

February 2026 (Every weekday)

Vehicle Count: Total: 3,649

West 21st Street & Guadalupe Street

Northbound Through

February 2026 (Every weekday)

Vehicle Count: Stopped: 2,379

 Intersection Trend Charts

West 21st Street & Guadalupe Street

Movement

Approach

Intersection

☒ Combination Charts

☐ Panel Charts

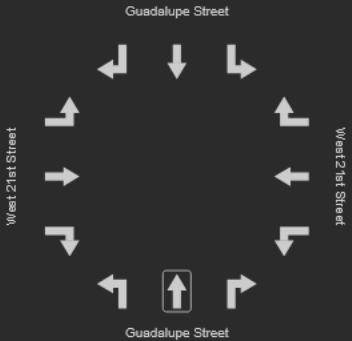
Approach

Northbound

Movement

Through

Show map



Percent Arrival On Green (POG)



3-Minute Delay: Percentage



Control Delay: Avg



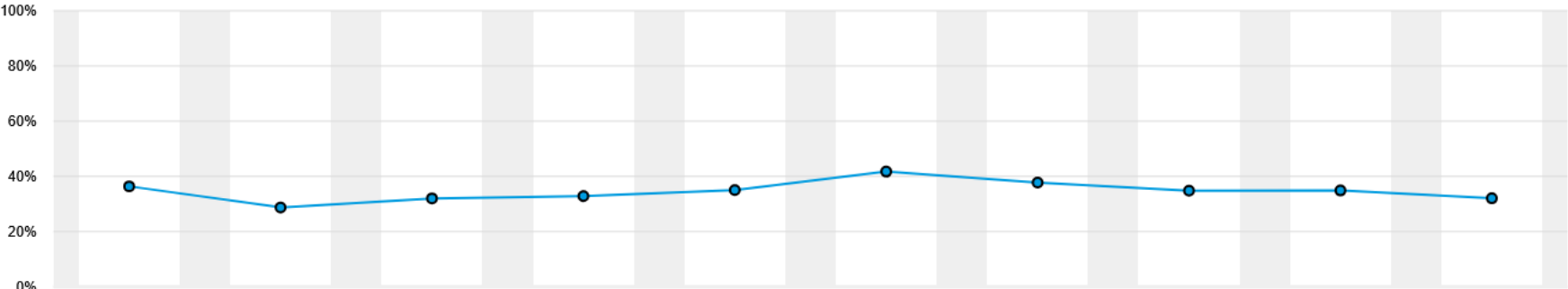
3-Minute Delay: Count



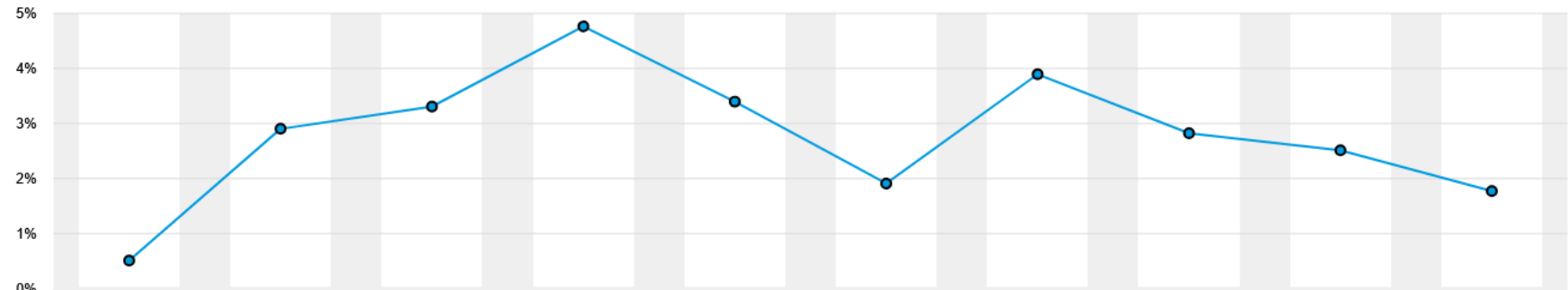
Travel Time: Avg



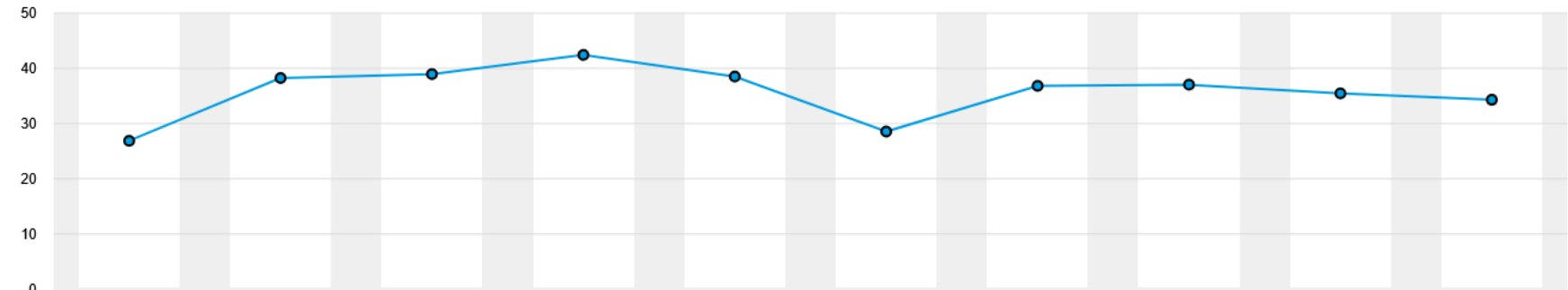
Percent Arrival
On Green
(POG)



3-Minute
Delay:
Percentage



Control Delay:
Avg



Intersection Trend Charts

West 21st Street & Guadalupe Street

Movement Approach Intersection

Combination Charts Panel Charts

Approach All Movement All

Southbound

Right

Through

Left

Westbound

Left

Right

Through

Eastbound

Right

Left

Through

Northbound

Through

Right

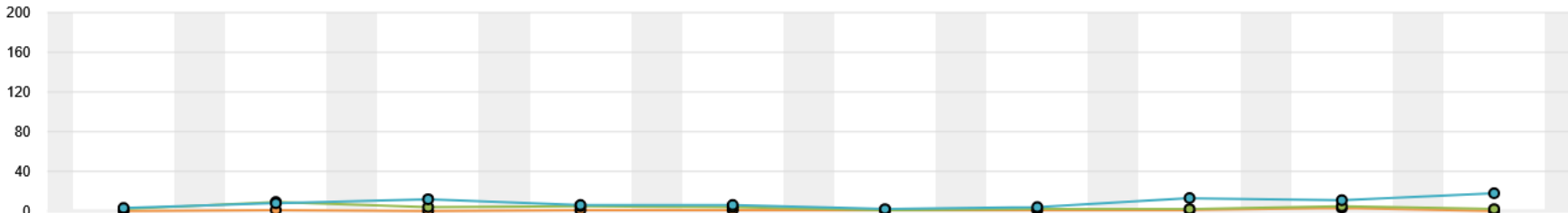
Left



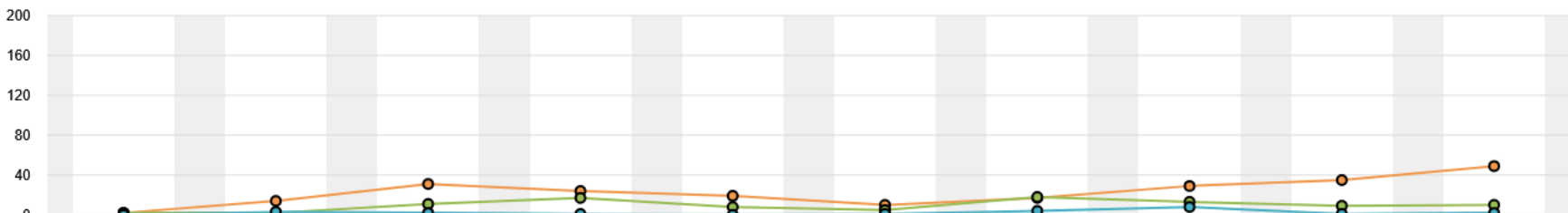
3-Minute Delay: Count

Movement Approach

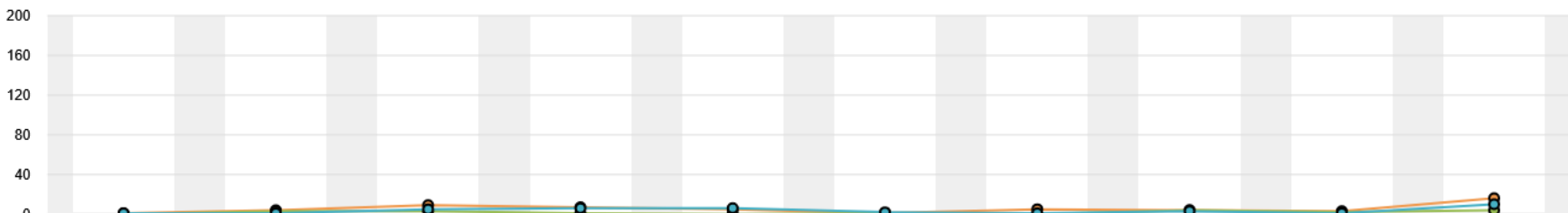
Southbound



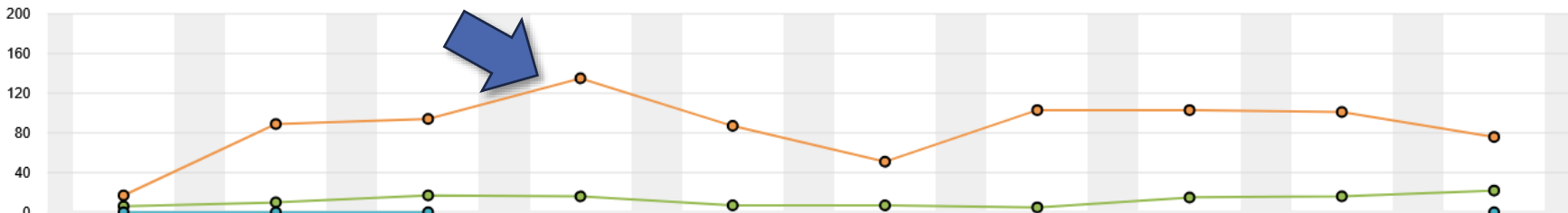
Westbound



Eastbound



Northbound



July 2025 (Every weekday) August 2025 (Every weekday) September 2025 (Every weekday) October 2025 (Every weekday) November 2025 (Every weekday) December 2025 (Every weekday) January 2026 (Every weekday) February 2026 (Every weekday) March 2026 (Every weekday) April 2026 (Every weekday)

Intersection Trend Charts

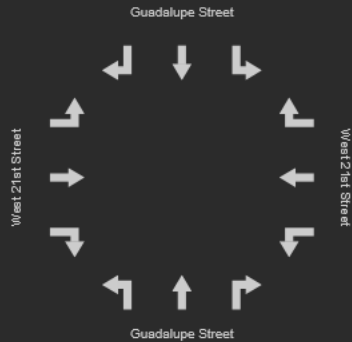
West 21st Street & Guadalupe Street

Movement Approach Intersection

Combination Charts Panel Charts

Approach All Movement All

Show map



Right

Southbound

Westbound

Eastbound

Northbound

Through

Right

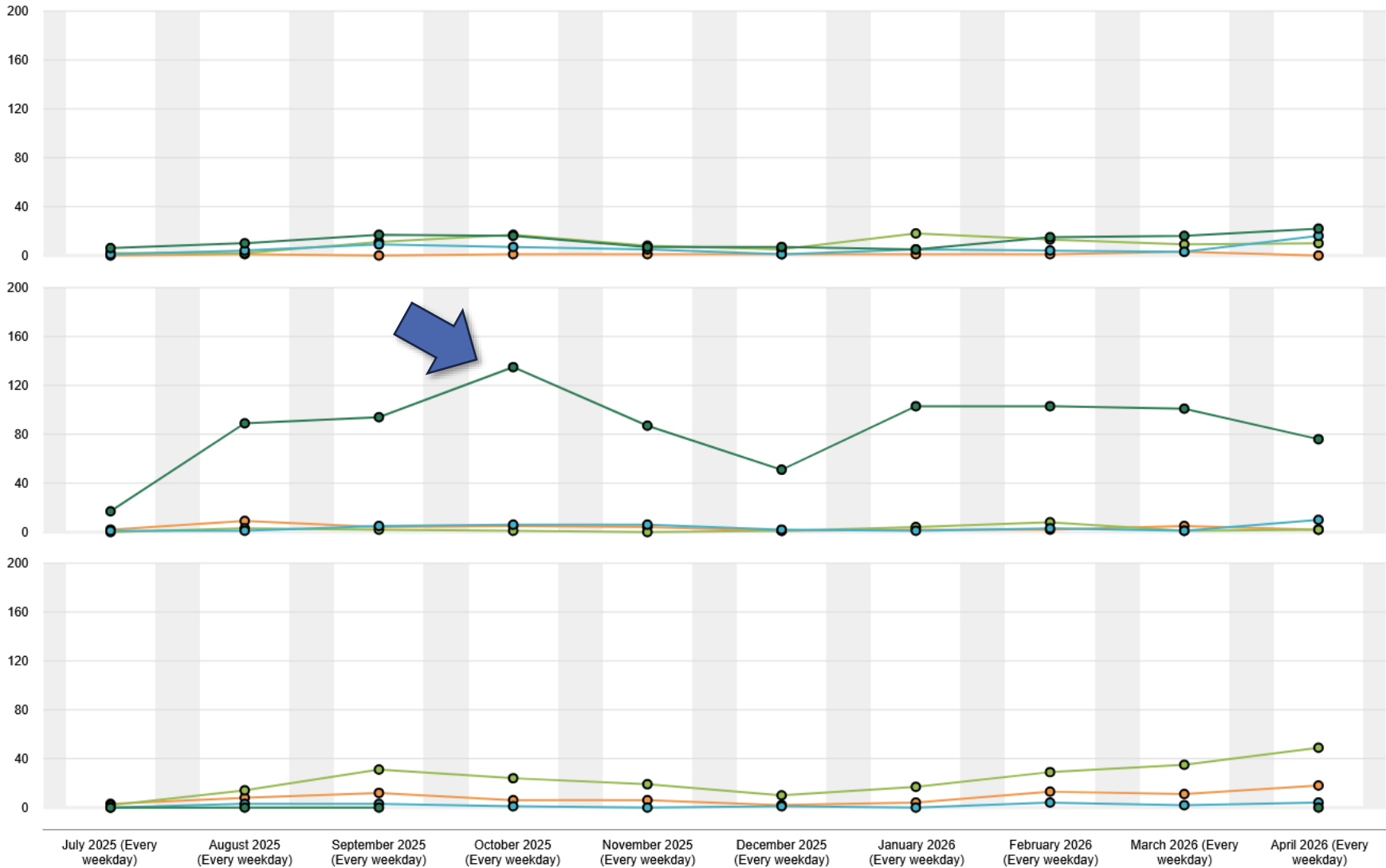
Through

Left

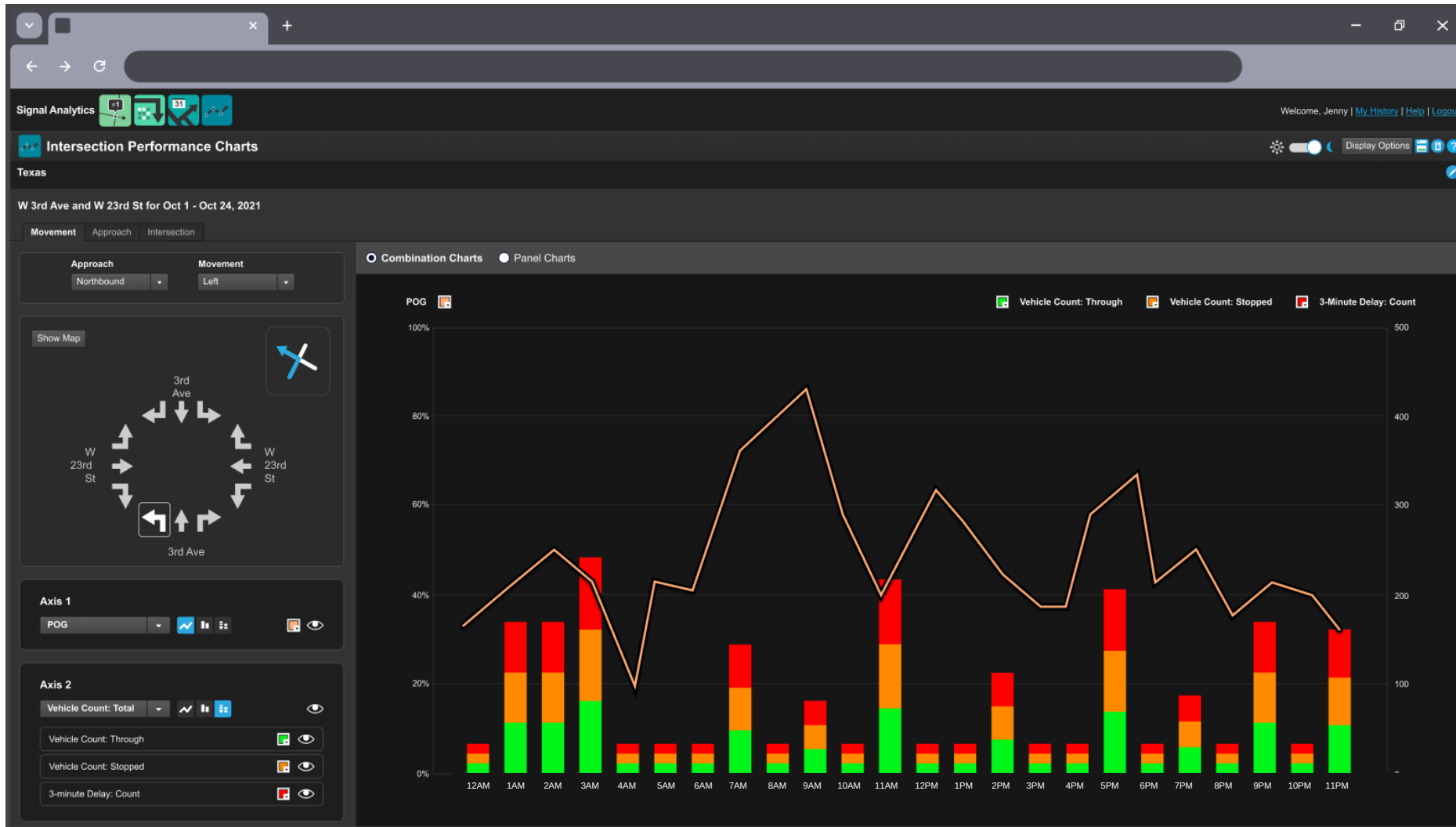


3-Minute Delay: Count

Movement Approach



On the way: Intersection Performance Charts



New offering: ATSPM Version 5

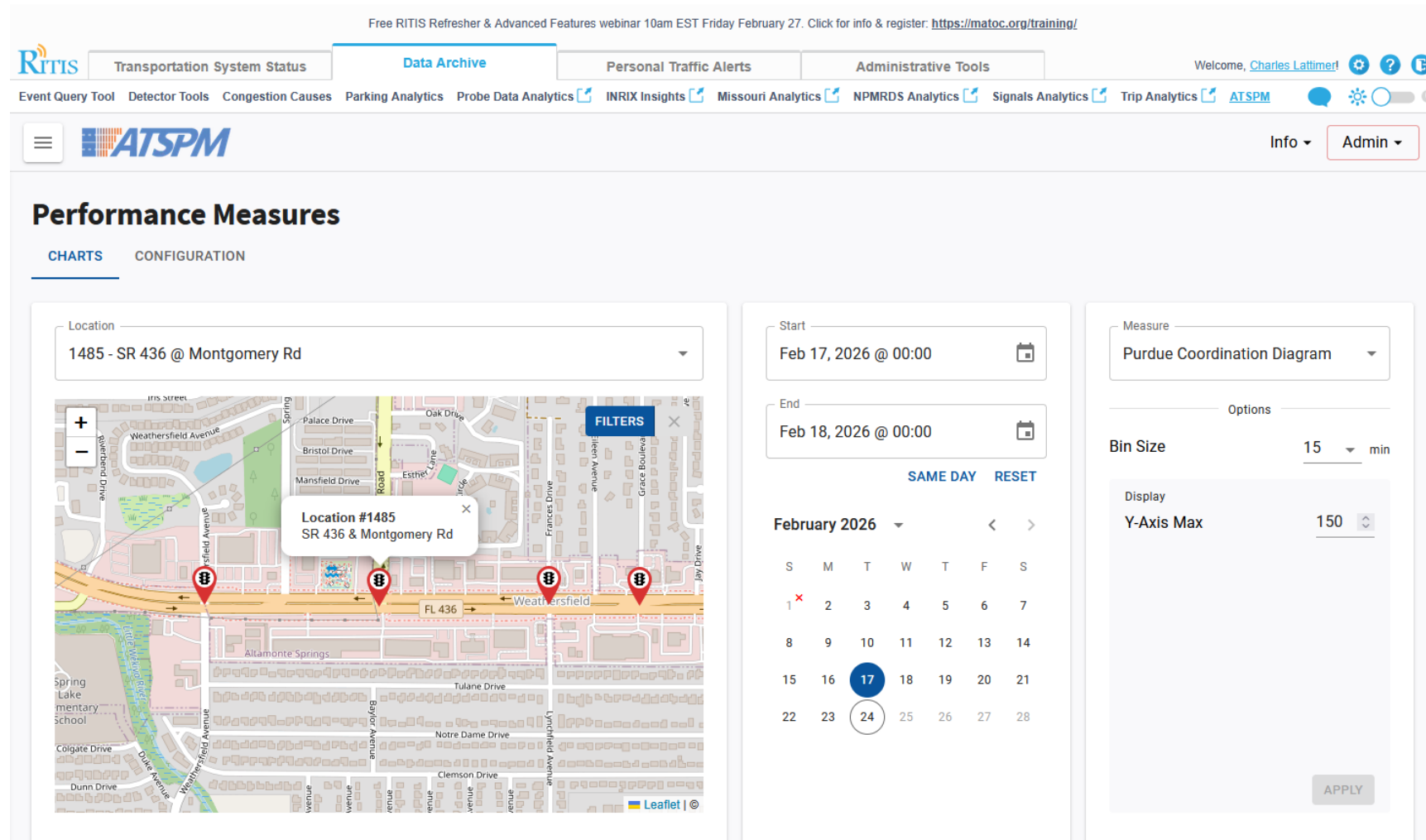
Cloud-hosted ATSPM

- UDOT 5.0 software
- Data storage

Pulls high-resolution log files from central, agency-specified location

- Detector-based technology
- Includes signal timing

Free for Full RITIS customers

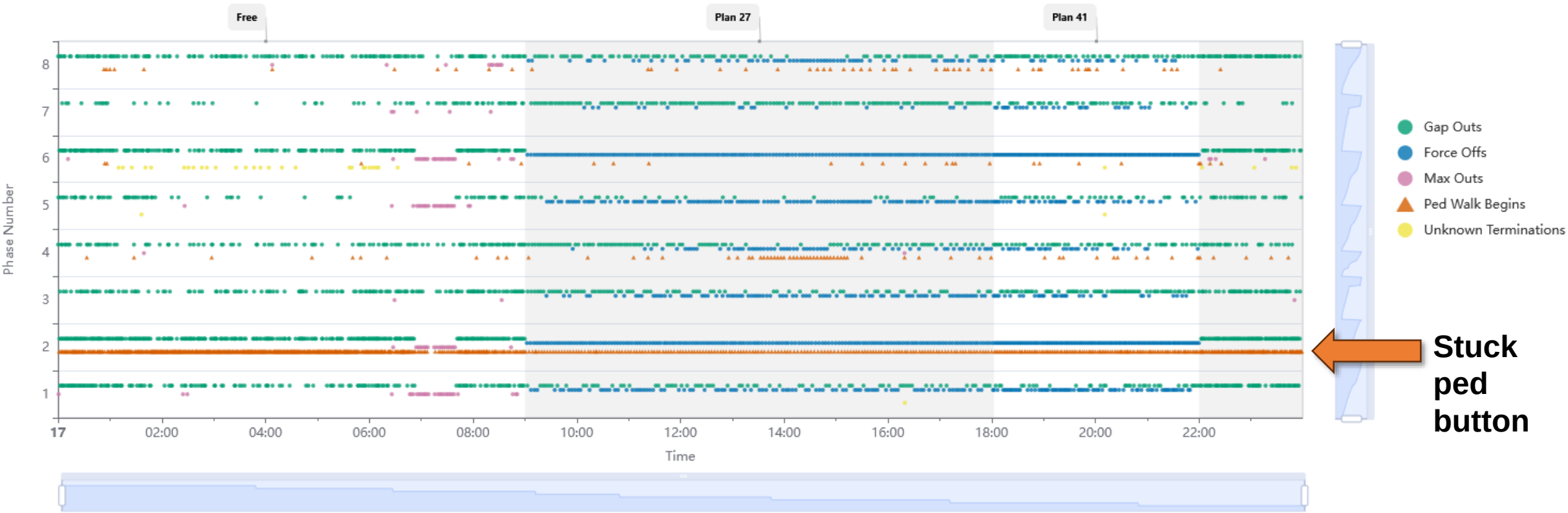


Identify potential issues

Phase Termination #ORC-0063 - SR 50 & FORSYTH RD N

Sun, May 17, 2026 at 00:00:00 - Mon, May 18, 2026 at 00:00:00

Currently showing Force-Offs, Max-Outs and Gap-Outs with a consecutive occurrence of 1 or more. Pedestrian events are never filtered.



Purdue Coordination Diagram #1595 - SR 436 & Wilshire Dr - SET Ph6

Wed, May 27, 2026 at 00:00:00 - Thu, May 28, 2026 at 00:00:00

Arrivals on Green: 81%



Blue dots here indicate arrivals on green, which is good.

Daily watchdog email advises of new errors

- Helps agencies identify equipment problems proactively
- Find and fix issues before the complaint comes in

New Errors

Errors that occurred on 6/2/2026 that have not occurred within the last 12 months.

No errors found for this category.

Daily Recurring Errors (Errors that occurred on 6/2/2026 that also occurred the day prior to the processing date.)

Missing Records Errors

The following Locations had too few records in the database on 06/02/2026

Location	Location Description	Issue Details	Error Count	Consecutive Occurrence Count	Date of First Occurrence
D5I-9018	US 441 & Water Oak Blvd	Missing Records - IP: 0.0.0.0	265	76	06/01/2025 00:00:00
D5I-9021	US 441 & Eagles Nest Rd	Missing Records - IP: 0.0.0.0	266	76	06/01/2025 00:00:00
D5I-9024	US 441 & Griffin View Dr	Missing Records - IP: 0.0.0.0	266	76	06/01/2025 00:00:00

Force Off Errors

No errors found for this category.

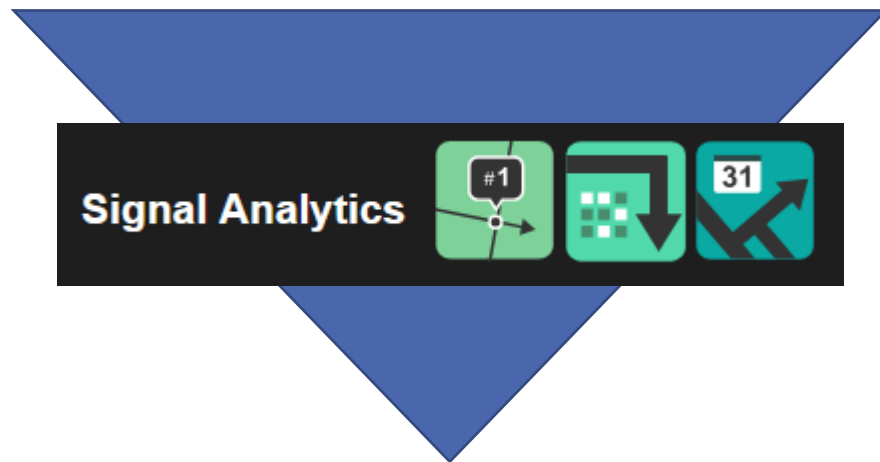
Max Out Errors

No errors found for this category.

Traffic Signal Performance Measurement

Top-Down Approach

Start with high-resolution probe data...



Derive intersection performance metrics

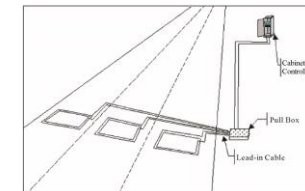
**Develop new
reports and
analysis**

Bottom-Up Approach

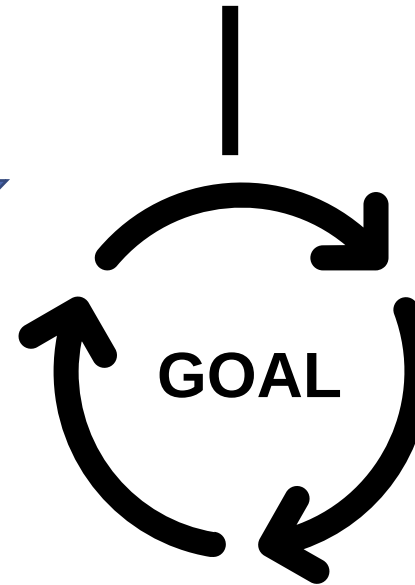
Derive traffic performance metrics



Start with high-resolution detector data...



**Fuse timing and
infrastructure data
with probe data**



Traffic Signal User Group

- Share use cases and applications
- Probe-based and ATSPM communities
- Input on future enhancements



If interested, please contact:

Charles R. Lattimer, PE, PMP

Lattimer@umd.edu

Or

Support@ritis.org



What's New and Coming Soon

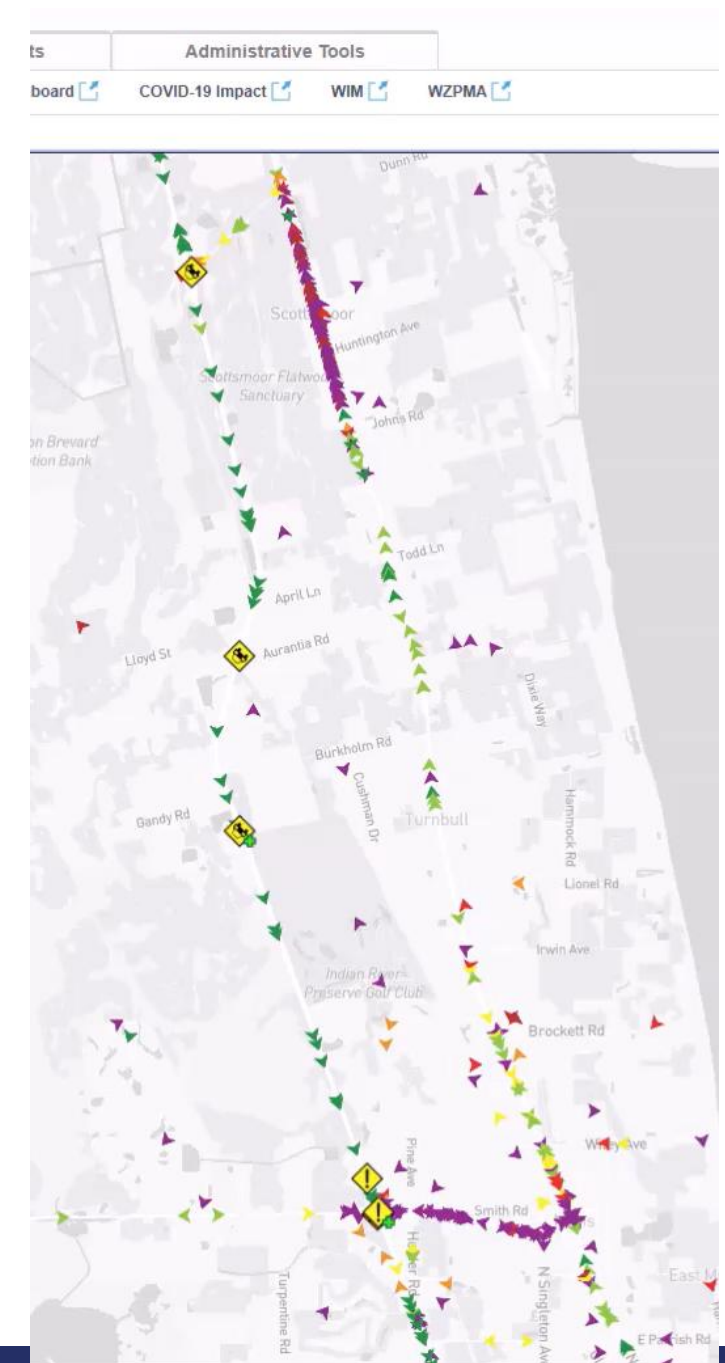
Michael Pack & Greg Jordan

University of Maryland CATT Lab

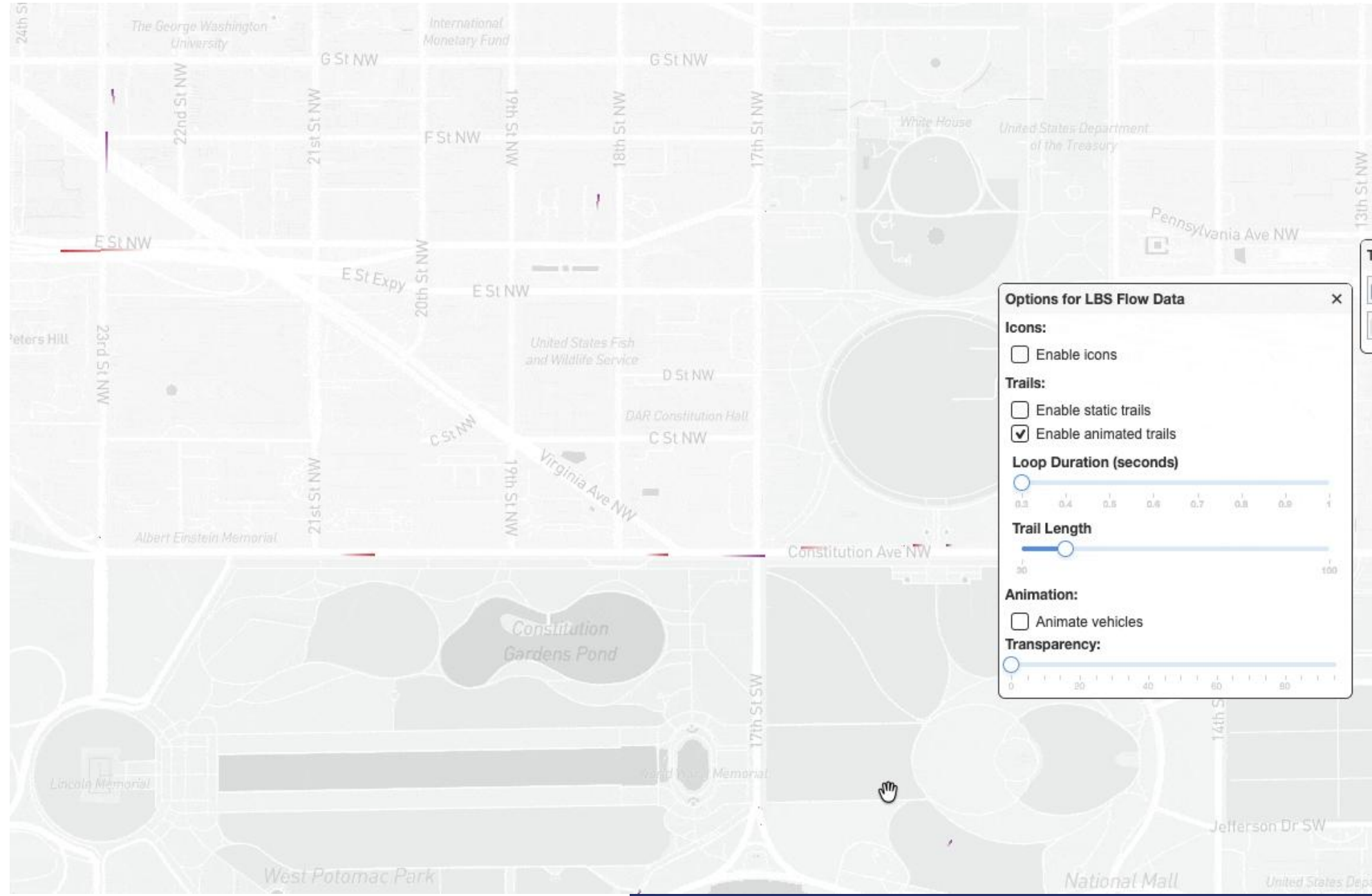


What's New

- Real-time movements
 - Same data that enabled



Animated Trails of Vehicles



Probe Speed Data provided by INRIX



Bearing West @ WORCESTER ST

Re-center

WORCESTER County, MA

XD Segment ID: 127504231

Length: 0.5 mi

Free Flow Speed: 36 mph

Speed ⓘ			Congestion ⓘ		Travel Time ⓘ
Current	Historical Avg.	Comparative ⓘ	Current	Historical Avg.	
33 mph	35 mph	Better	92%	97%	55 sec

Graph: Feb 12, 2026 2:00 AM - 2:33 PM ⓘ

Low Medium High -- Confidence score Speed Free flow speed Historical avg. speed



< Prev

List

Next (2/16) >

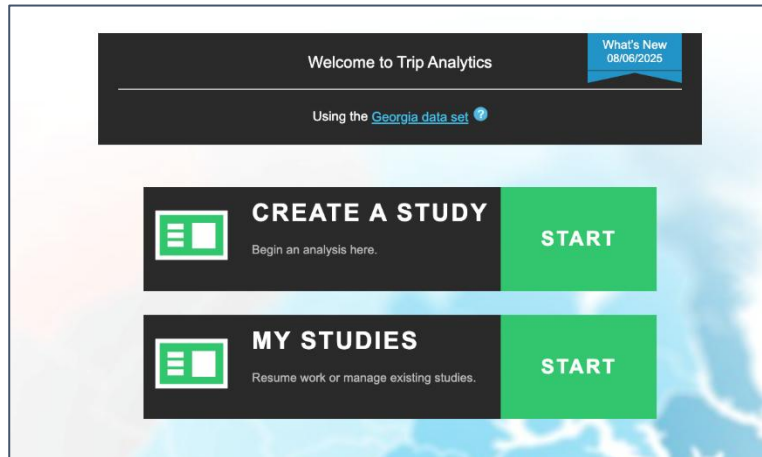
02/12/2026 2:34 PM

Trip Analytics Updates



1. MAP-21 (PM3) reporting
2. Work Zone reporting
3. Trip Analytics updates

Part 3: TRIP ANALYTICS updates



1. Low-latency data delivery for World Cup site analysis;

2. Data delivery in Trip Analytics with only 24-48 hours latency

3. If your agency funds a region with a World Cup venue, request access at support@ritis.org

1. Study: Test World Cup at Metlife Stadium in the Meadowlands

▶ Test World Cup at Metlife Stadium in the Meadowlands

Meadowlands - Metlife Stadium Base Geography
Option 2: Using Base Geography as Study Area
Number of study area OD gates: 457
Internal Zones: Transportation Analysis Zone (TAZ)
External Zones: Subcounty

2. Set Filters

▶ Pathway Options

Use pathways

▼ Spatial Filters (1)

Single

From/To

Any

All

☒ Show labels on map

Started:

☐ Inside
☒ Outside

Ended:

☒ Inside
☐ Outside



Meadowlands Parking Areas



Drag filters you want to exclude from the report here

Next

1. Study: Test World Cup at Metlife Stadium in the Meadowlands

▶ Test World Cup at Metlife Stadium in the Meadowlands

- Meadowlands - Metlife Stadium Base Geography
- Option 2: Using Base Geography as Study Area
- Number of study area OD gates: 457
- Internal Zones: Transportation Analysis Zone (TAZ)
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2. Set Filters

▶ Pathway Options

Use pathways

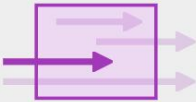


▼ Spatial Filters (1)

Single From/To Any All

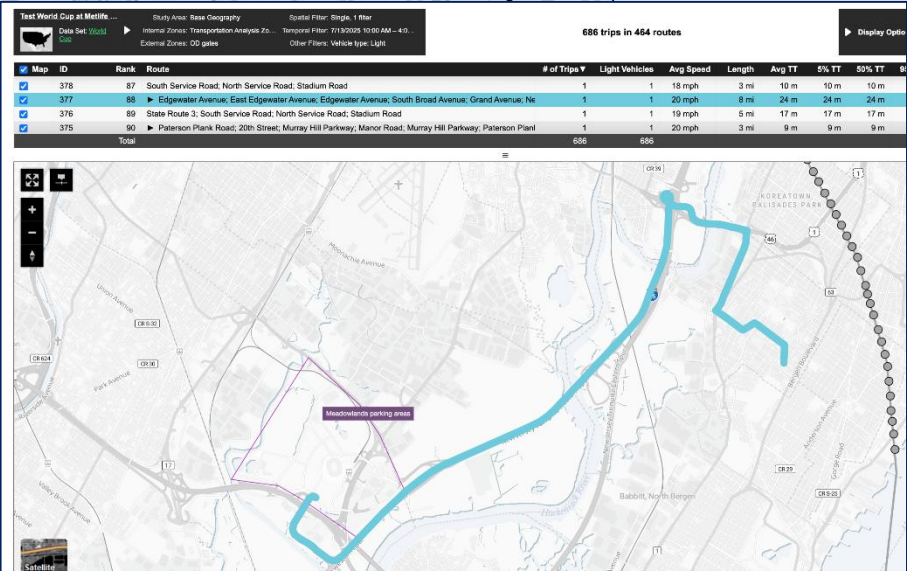
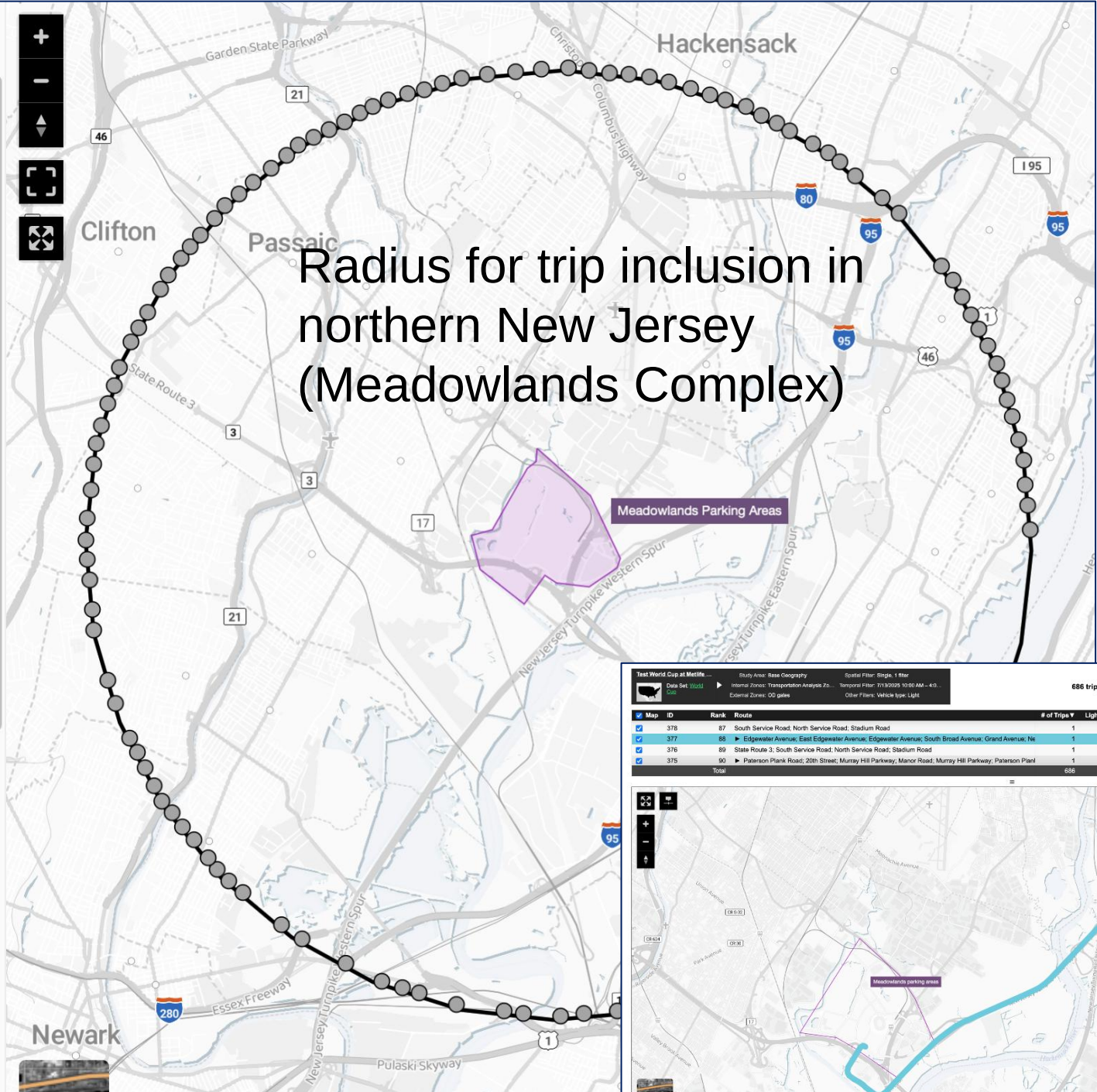
✓ Show labels on map

- Started:
- ☐ Inside
- ☒ Outside
- Ended:
- ☒ Inside
- ☐ Outside



Meadowlands Parking Areas

Next



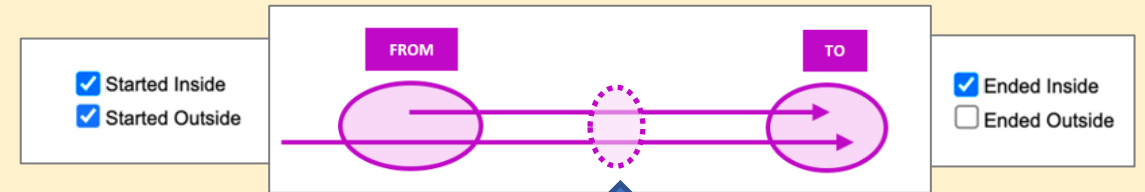
New **Multiple Spatial Filtering** capabilities are rolling out this week and through mid-July:

- Tennessee & Georgia roll-out completed;
- Others are scheduled for June or July, as their archives are converted

1. SINGLE mode

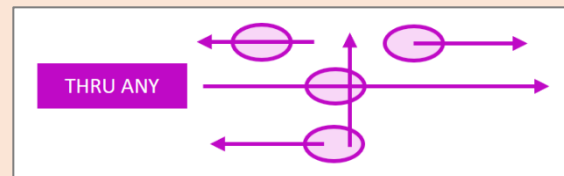


2. FROM / TO mode



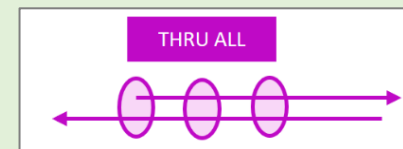
3. ANY mode

NEW



4. ALL mode

NEW



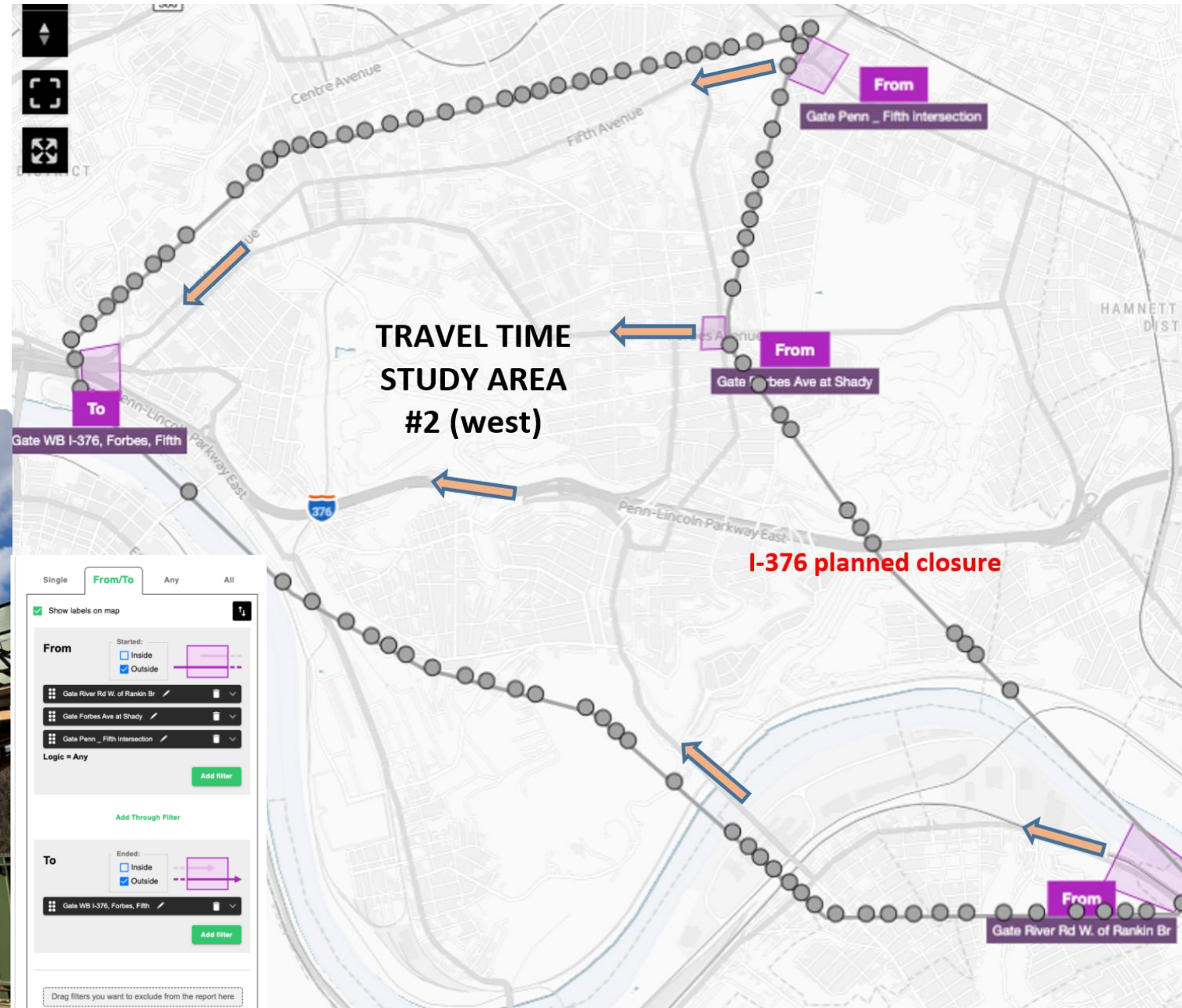
NEW

ANY or **ALL** spatial filter sets can also be used as middle filter sets in **From/To** mode

Three study areas and sets of spatial filter polygons to document pre-closure routes and travel times of actual drivers approaching the Pittsburgh CBD that did not use I-376 at the Commercial Bridge

Pittsburgh / Study Area #2

Study Area #2 w/ spatial filters placed to find WB routes and travel times of non-I-376 traffic, FROM River Rd at Rankin Bridge or FROM Forbes @ Shady Ave or FROM Penn @ Fifth; TO I-376 interchange beyond Squirrel Hill.



TTSA Local routes WEST ...



Data Set: [INRIX Trajectory Dataset](#)

Study Area: Custom Geography

Internal Zones: Transportation Analysis Zo...

External Zones: OD gates

Spatial Filter: From / To, 4 filters

Temporal Filter: 7/1/2025 - 7/31/2025

Other Filters: Vehicle type: all

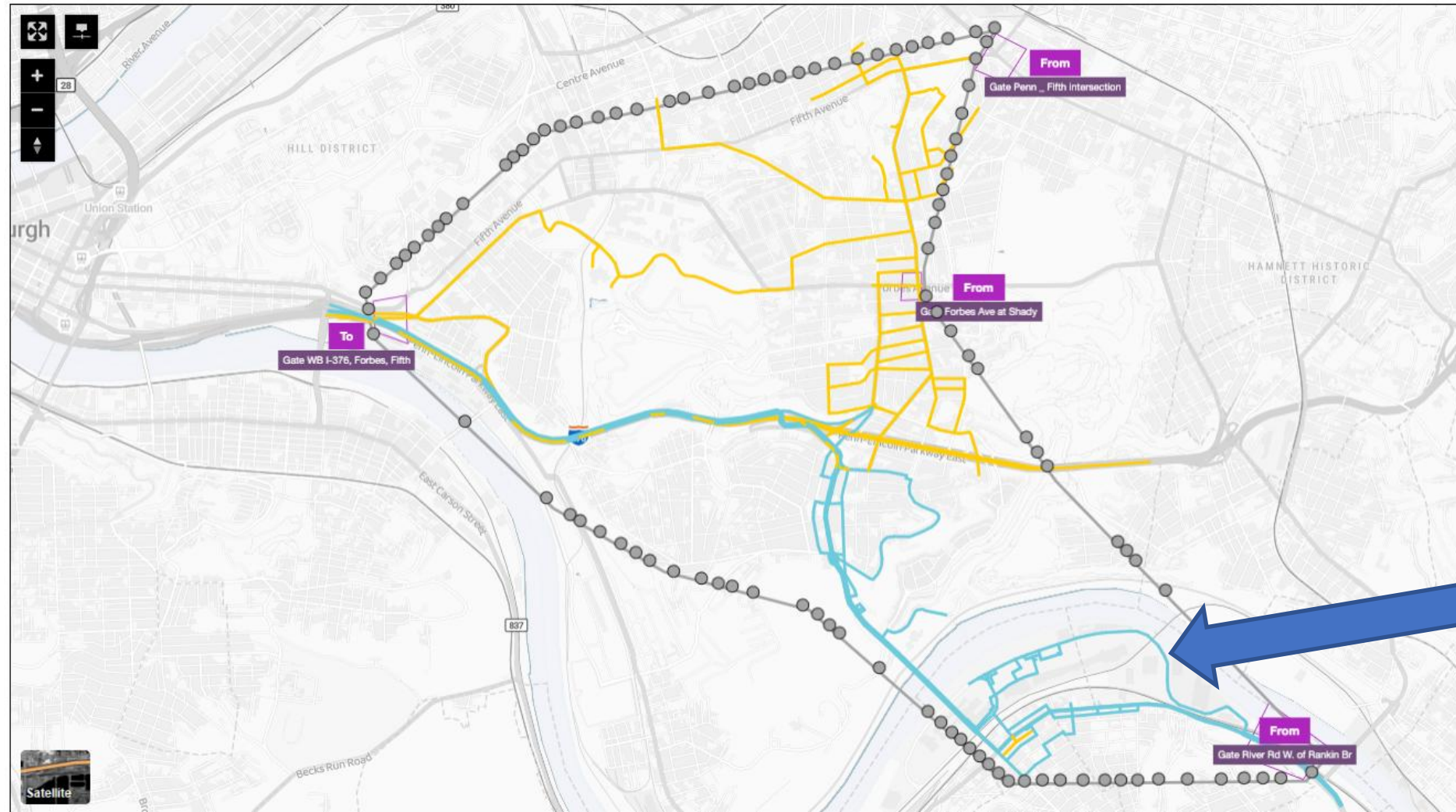
524 trips in 121 routes

▶ Display Options

Open as...

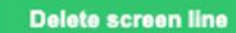
Export

☒ M...	ID	Rank	Route	# of Trips ▼	Light Veh	Medium Veh	Heavy Veh	Avg Speed	Length	Avg TT	5% TT	50% TT	95% TT	Reliability
☒	121	1	▶ Monongahela Boulevard; River Road; East 8th Avenue; Homestead Gra	85	9	67	9	25 mph	6 mi	15 m	11 m	14 m	21 m	1.24
☒	120	2	▶ Monongahela Boulevard; River Road; East 8th Avenue; Homestead Gra	74	16	57	1	25 mph	6 mi	15 m	11 m	15 m	21 m	1.2
☒	119	3	▶ Monongahela Boulevard; River Road; East 8th Avenue; Homestead Gra	43	13	25	5	25 mph	6 mi	15 m	12 m	14 m	21 m	1.27
☒	118	4	▶ Monongahela Boulevard; River Road; East Waterfront Drive; Waterfront	23	3	20	0	30 mph	7 mi	14 m	10 m	14 m	17 m	1.1
Total				524	155	330	39							



Export

↑↓ Switch



TTSA Local routes WEST ...
 Data Set: [INRIX Trajectory Dataset](#)

Study Area: Custom Geography
Internal Zones: Transportation Analysis Zo...
External Zones: OD gates

Spatial Filter: From / To, 4 filters
Temporal Filter: 7/1/2025 – 7/31/2025
Other Filters: Vehicle type: all

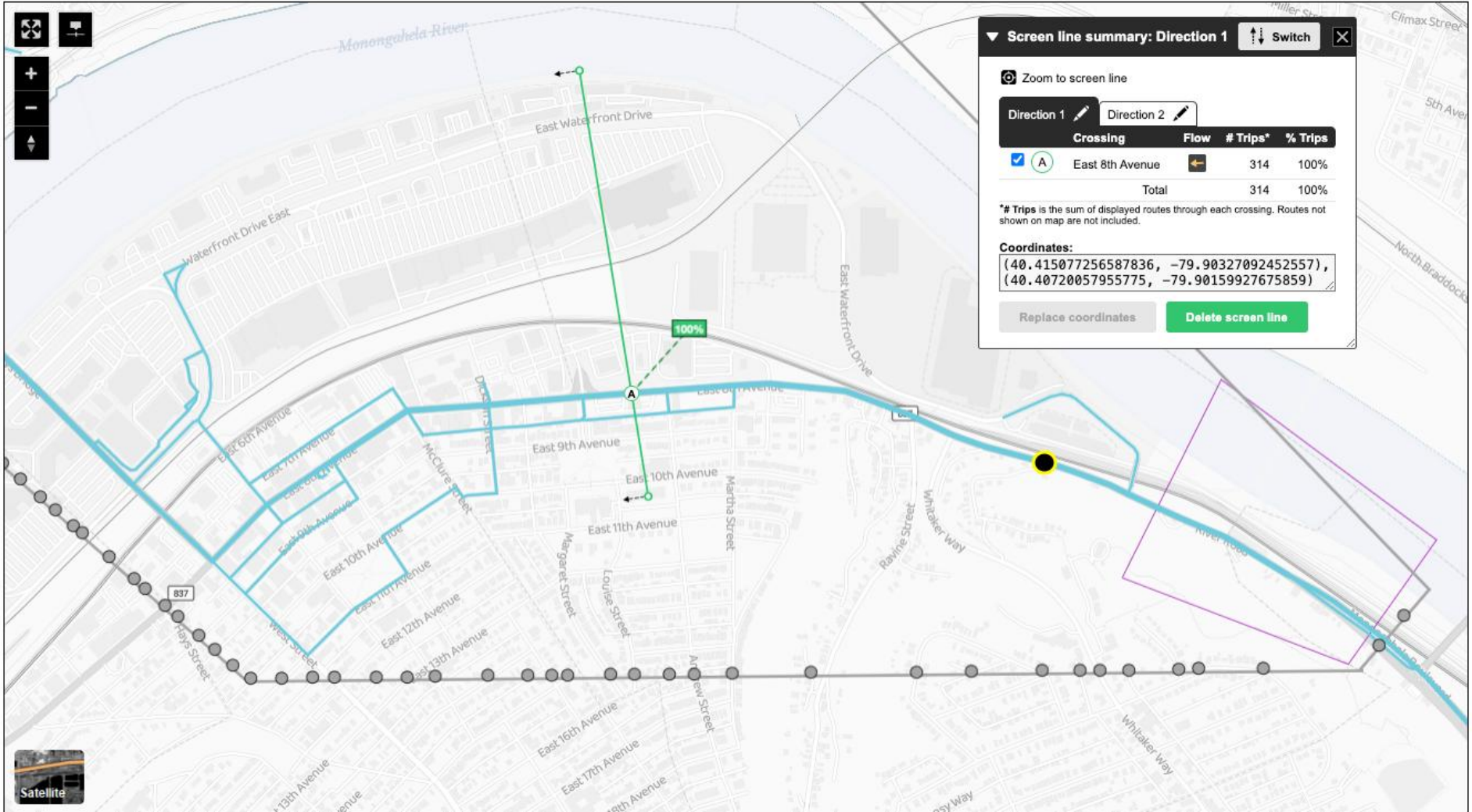
524 trips in 121 routes

▶ Display Options

Open as...

Export

☒ M...	ID	Rank	Route	# of Trips ▼	Light Veh	Medium Veh	Heavy Veh	Avg Speed	Length	Avg TT	5% TT	50% TT	95% TT	Reliability
☒	119	3	▶ Monongahela Boulevard; River Road; East 8th Avenue; Homestead Gra	43	13	25	5	25 mph	6 mi	15 m	12 m	14 m	21 m	1.27
☒	118	4	▶ Monongahela Boulevard; River Road; East Waterfront Drive; Waterfront	23	3	20	0	30 mph	7 mi	14 m	10 m	14 m	17 m	1.1
☒	117	5	▶ Monongahela Boulevard; River Road; East Waterfront Drive; Waterfront	22	10	12	0	28 mph	7 mi	15 m	13 m	14 m	19 m	1.14
Total				524	155	330	39							



TTSA Local routes WEST ...

 Data Set: [INRIX Trajectory Dataset](#) ▶ Study Area: Custom Geography Internal Zones: Transportation Analysis Zo... External Zones: OD gates Spatial Filter: From / To, 4 filters Temporal Filter: 7/1/2025 – 7/31/2025 Other Filters: Vehicle type: all

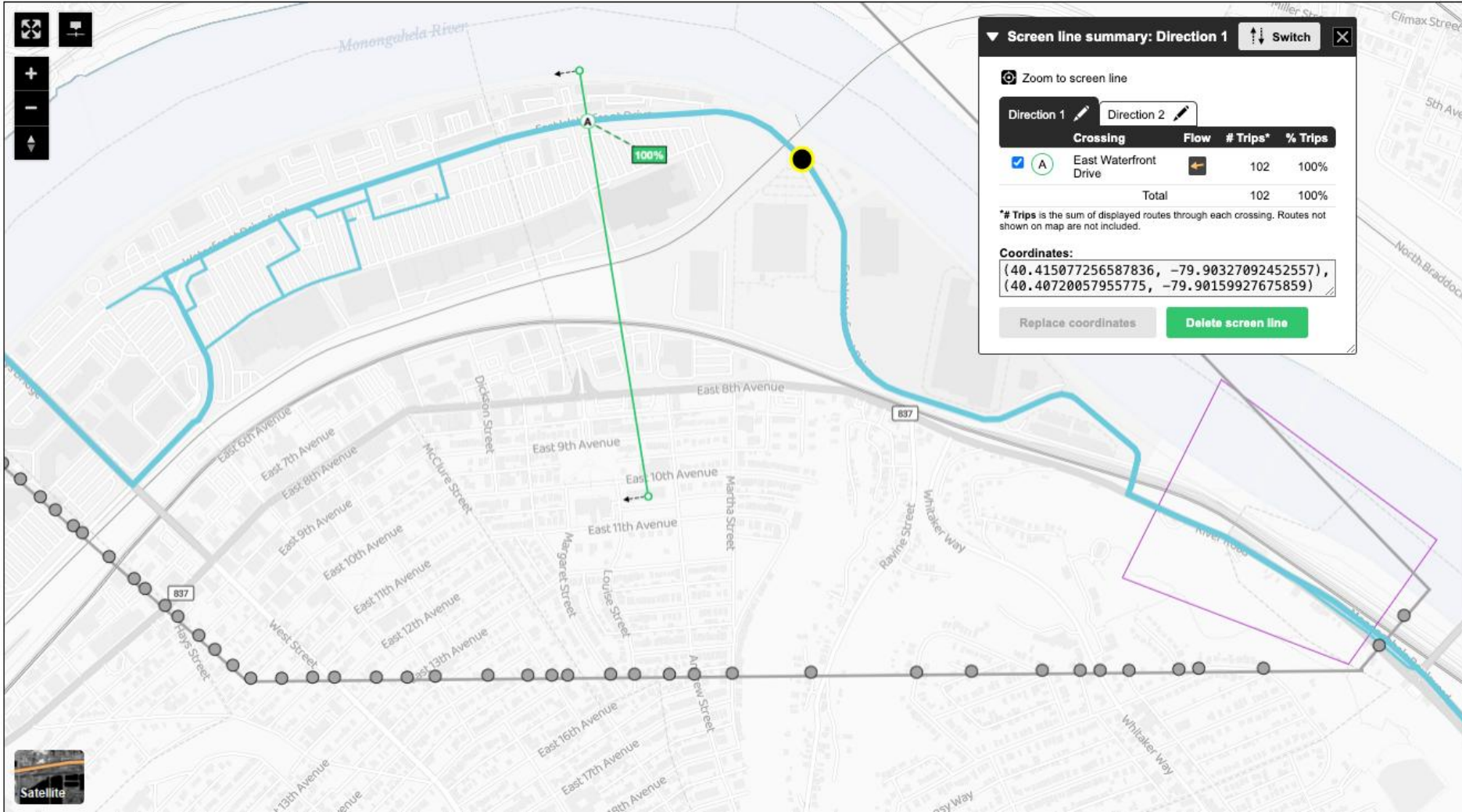
524 trips in 121 routes

▶ Display Options

Open as...

Export

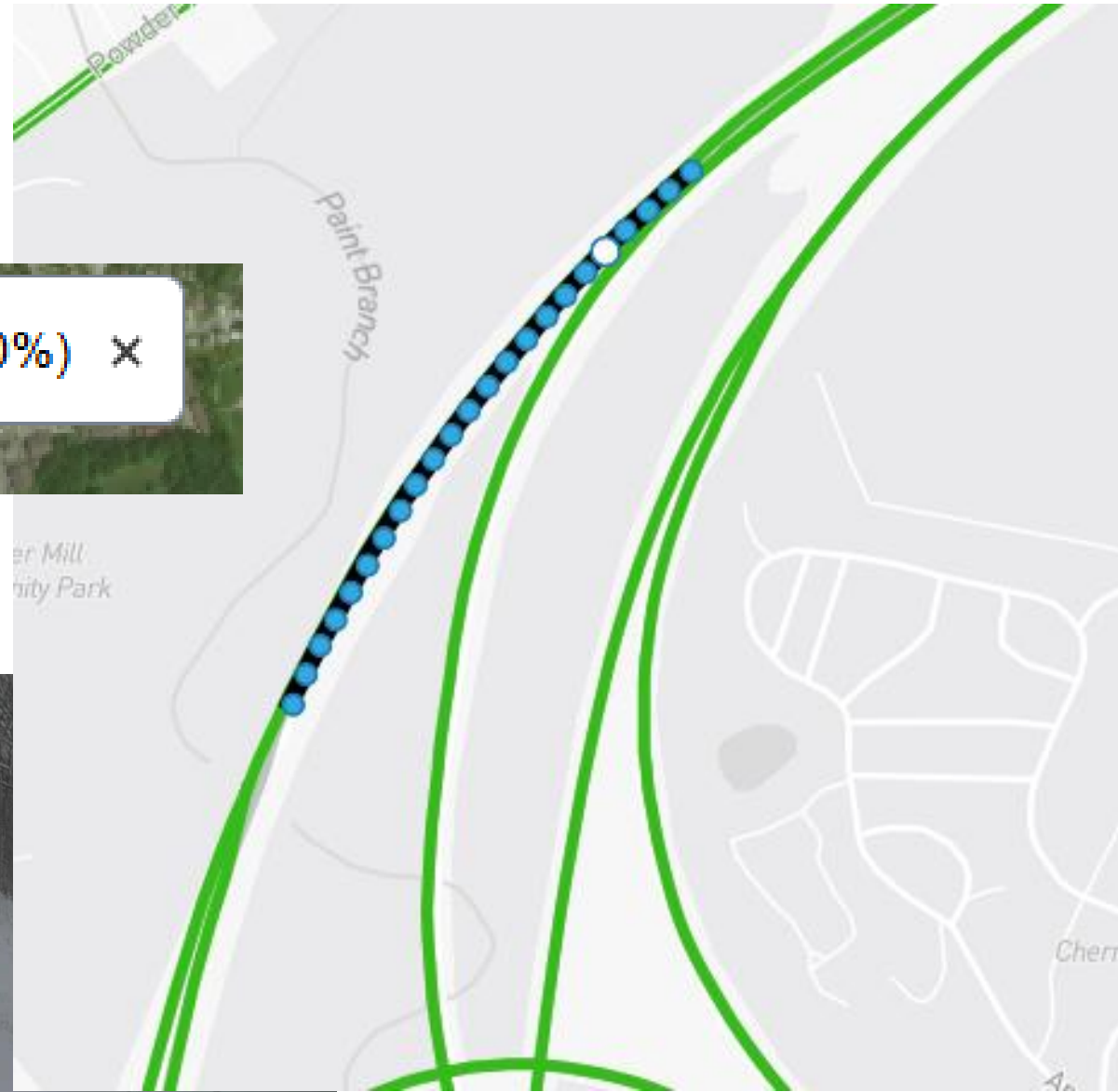
☒ M...	ID	Rank	Route	# of Trips ▼	Light Veh	Medium Veh	Heavy Veh	Avg Speed	Length	Avg TT	5% TT	50% TT	95% TT	Reliability
☒	119	3	▶ Monongahela Boulevard; River Road; East 8th Avenue; Homestead Gra	43	13	25	5	25 mph	6 mi	15 m	12 m	14 m	21 m	1.27
☒	118	4	▶ Monongahela Boulevard; River Road; East Waterfront Drive; Waterfront	23	3	20	0	30 mph	7 mi	14 m	10 m	14 m	17 m	1.1
☒	117	5	▶ Monongahela Boulevard; River Road; East Waterfront Drive; Waterfront	22	10	12	0	28 mph	7 mi	15 m	13 m	14 m	19 m	1.14
Total				524	155	330	39							



Coming Soon

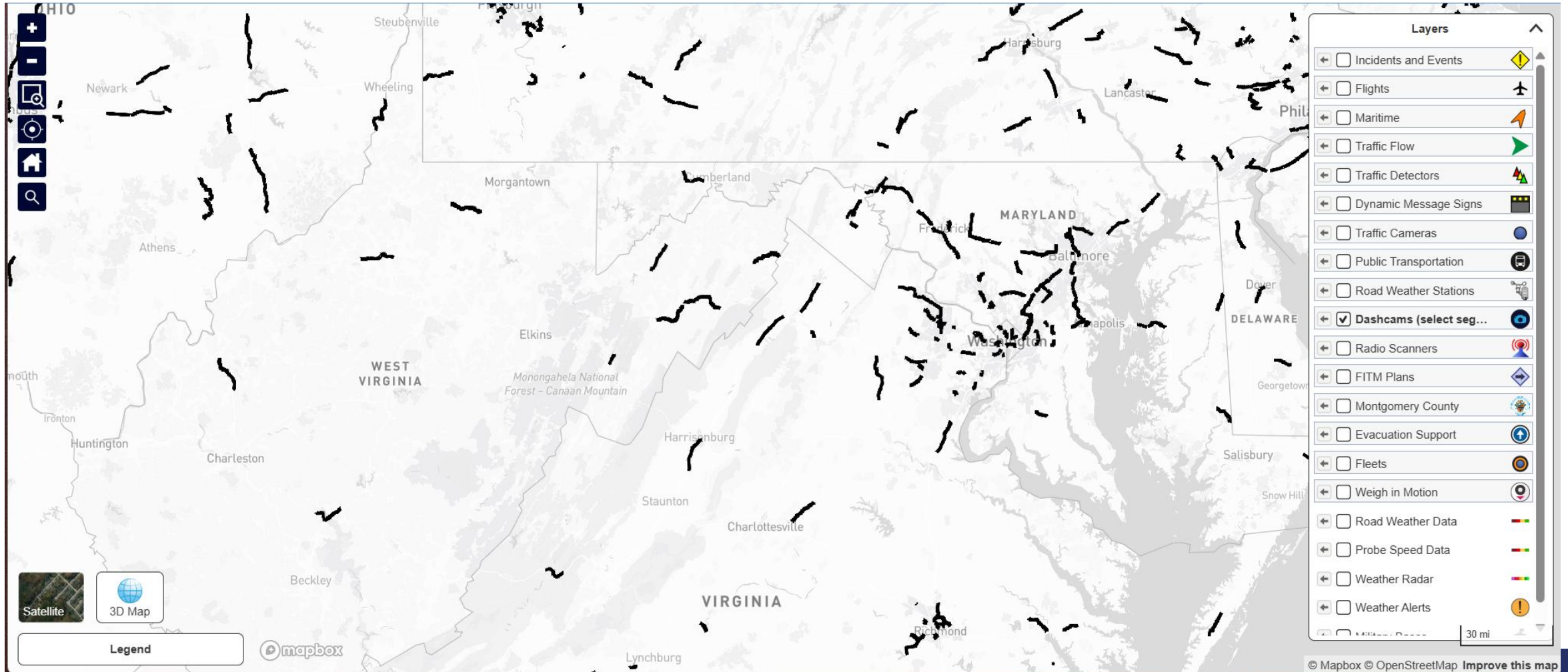
- Vizion Dashcam UI Enhancements

Loading dashcams. Please wait... (0%) ✕

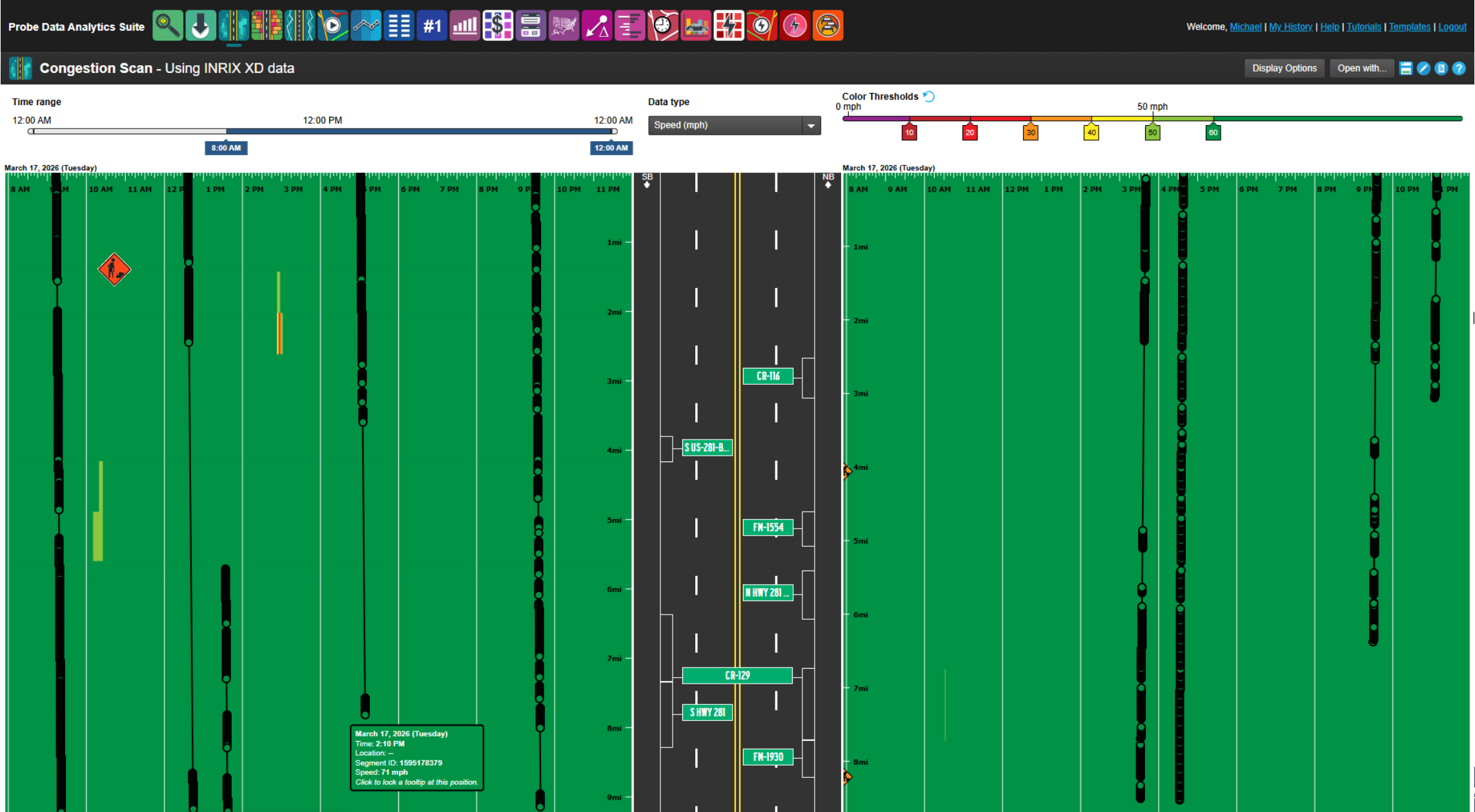


Coming Soon

- Where are images? Quick search / visualization.

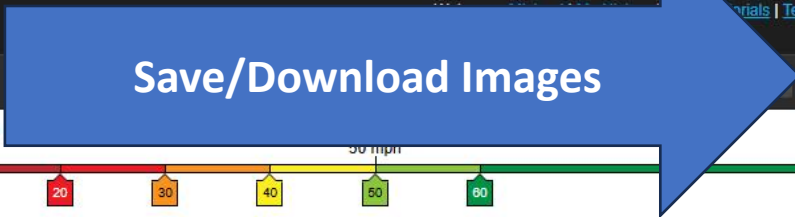


Download Vizzion Images





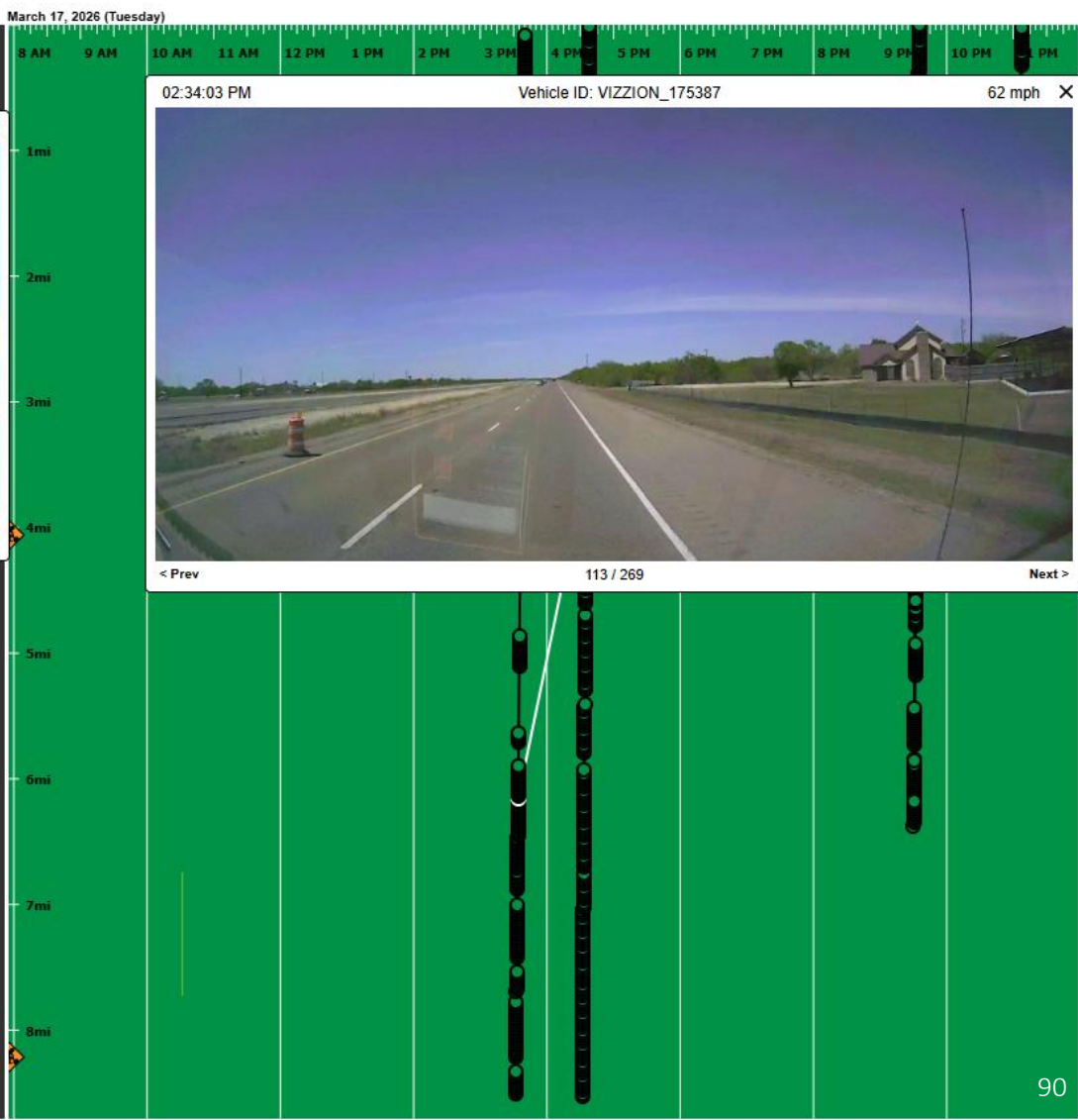
Congestion Scan - Using INRIX XD data



Time range: 12:00 AM to 12:00 PM

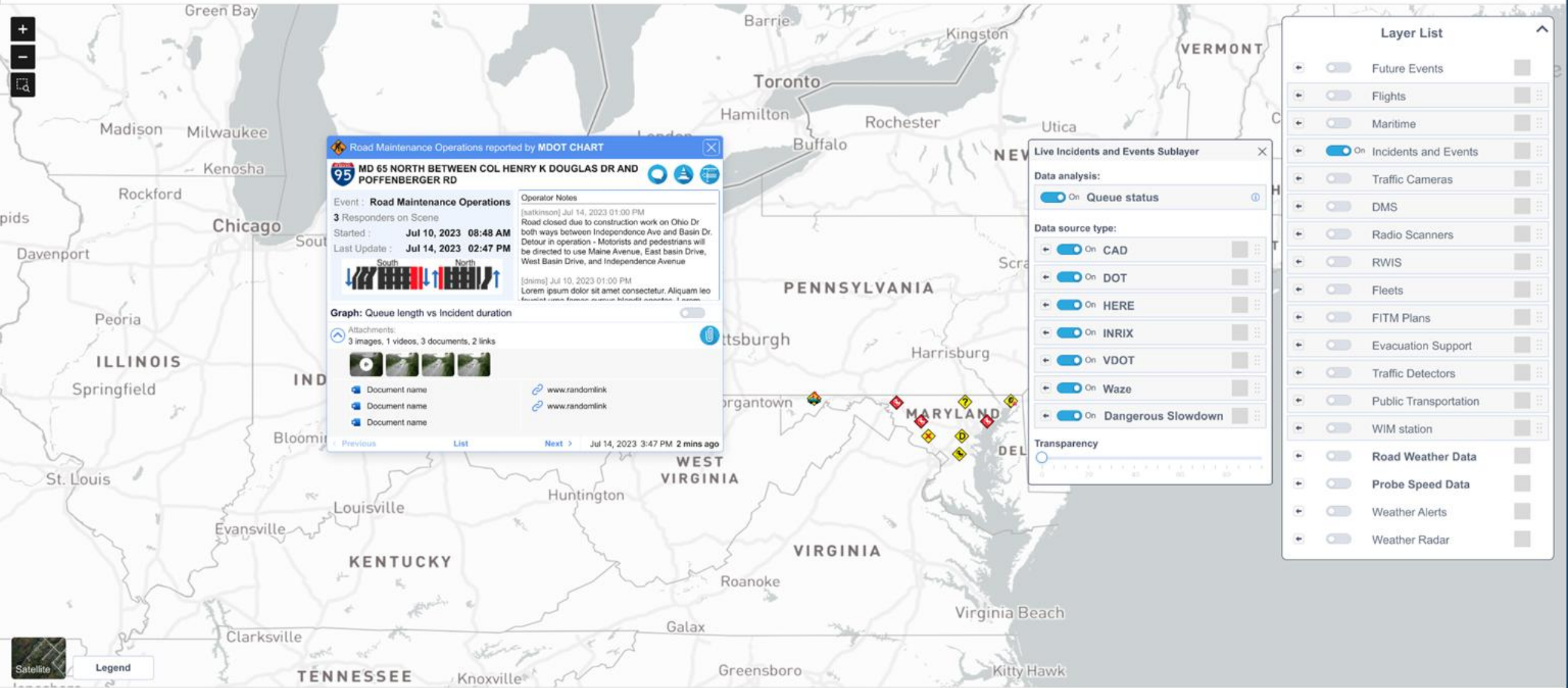
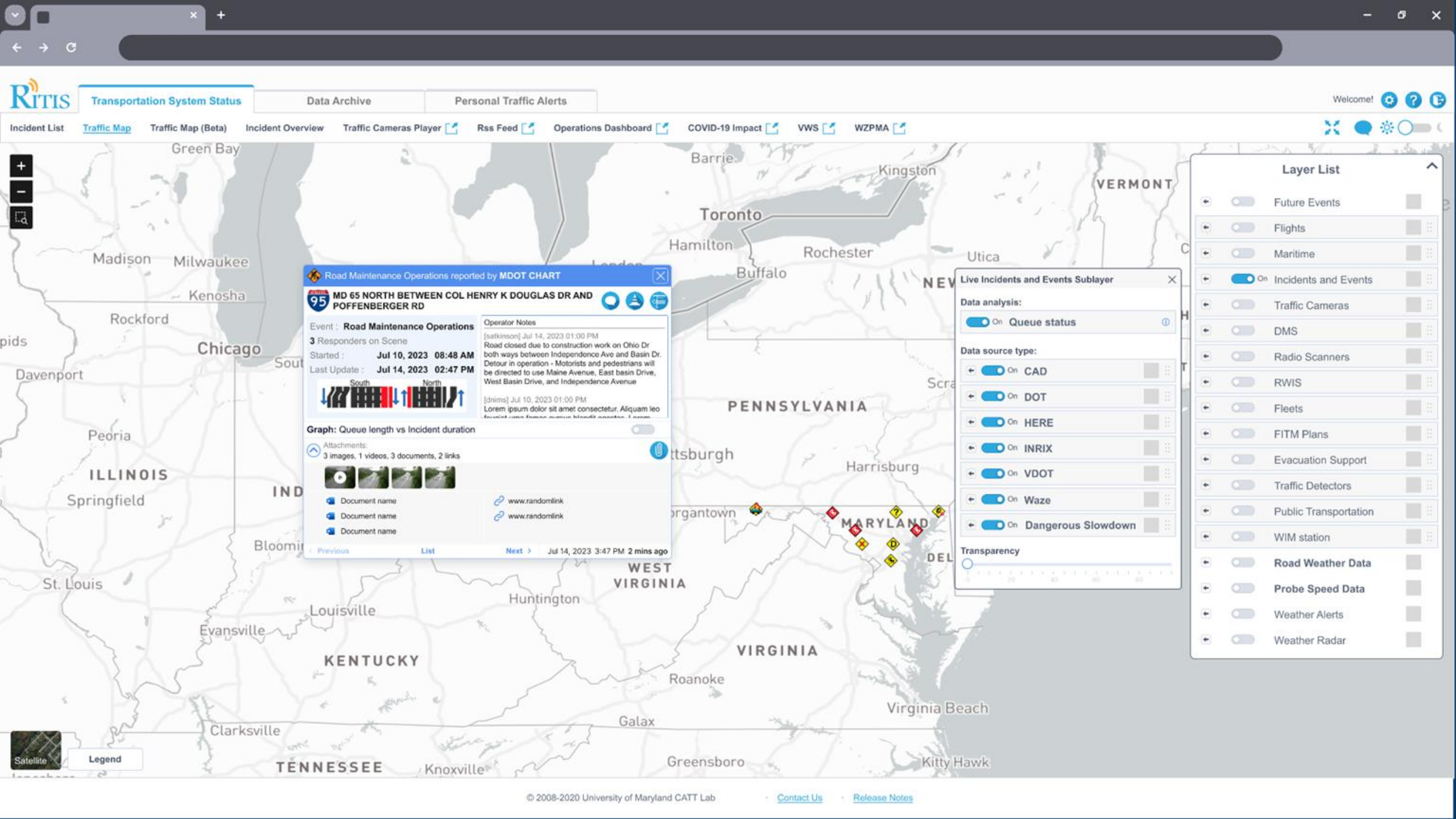
Data type: Speed (mph)

Color Thresholds: 0 mph, 10, 20, 30, 40, 50, 60, 70, 80



Incident Queue & Incident Duration Prediction Work





 Road Maintenance Operations reported by MDOT CHART

 MD 65 NORTH BETWEEN COL HENRY K DOUGLAS DR AND POFFENBERGER RD

Event : Road Maintenance Operations

3 Responders on Scene

Started : Jul 10, 2023 08:48 AM

Last Update : Jul 14, 2023 02:47 PM

Operator Notes

[satkinson] Jul 14, 2023 01:00 PM
Road closed due to construction work on Ohio Dr both ways between Independence Ave and Basin Dr. Detour in operation - Motorists and pedestrians will be directed to use Maine Avenue, East basin Drive, West Basin Drive, and Independence Avenue

[drims] Jul 10, 2023 01:00 PM
Lorem ipsum dolor sit amet consectetur. Aliquam leo faucibus ipsum. Lorem ipsum blandit. Aenean. 3 more...

Graph: Queue length vs incident duration

Attachments:
3 images, 1 videos, 3 documents, 2 links



Document name

Document name

Document name

[www.randomlink](#)

[www.randomlink](#)

Previous

List

Next

Jul 14, 2023 3:47 PM 2 mins ago

Live Incidents and Events Sublayer

Data analysis:
☒ On Queue status

Data source type:
☒ On CAD
☒ On DOT
☒ On HERE
☒ On INRIX
☒ On VDOT
☒ On Waze
☒ On Dangerous Slowdown

Transparency

Layer List

☐ Future Events

☐ Flights

☐ Maritime

☒ On Incidents and Events

☐ Traffic Cameras

☐ DMS

☐ Radio Scanners

☐ RWIS

☐ Fleets

☐ FITM Plans

☐ Evacuation Support

☐ Traffic Detectors

☐ Public Transportation

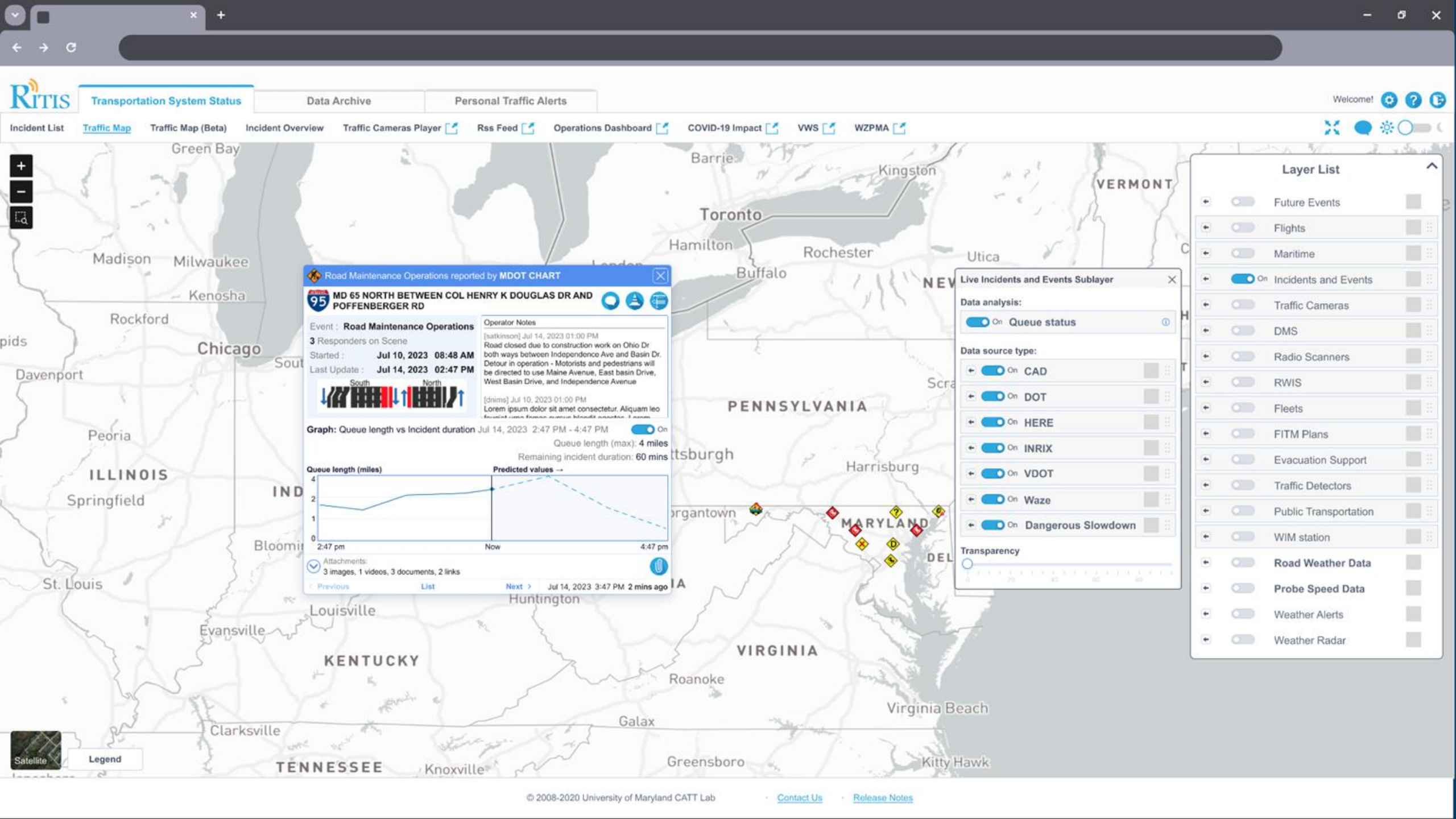
☐ WIM station

☐ Road Weather Data

☐ Probe Speed Data

☐ Weather Alerts

☐ Weather Radar





Road Maintenance Operations reported by MDOT CHART



MD 65 NORTH BETWEEN COL HENRY K DOUGLAS DR AND POFFENBERGER RD



Event : **Road Maintenance Operations**

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[dnims] Jul 10, 2023 01:00 PM

Lorem ipsum dolor sit amet consectetur. Aliquam leo feusiat urna fames curus blandit exentes. Lorem

Graph: Queue length vs Incident duration Jul 14, 2023 2:47 PM - 4:47 PM



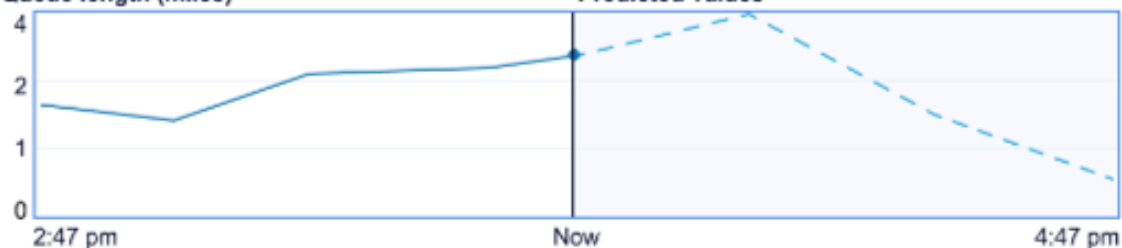
On

Queue length (max): 4 miles

Remaining incident duration: 60 mins

Queue length (miles)

Predicted values →



Attachments:

3 images, 1 videos, 3 documents, 2 links

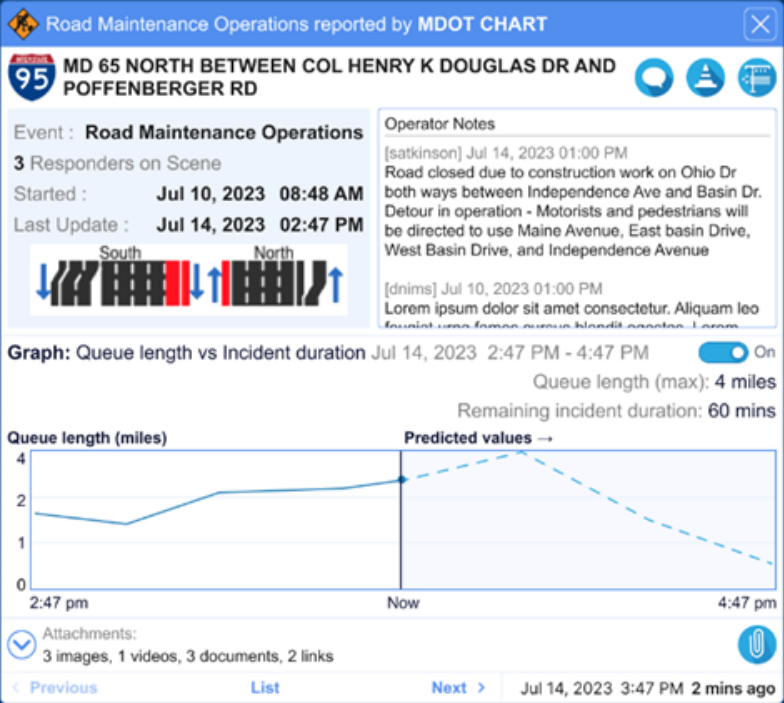


< Previous

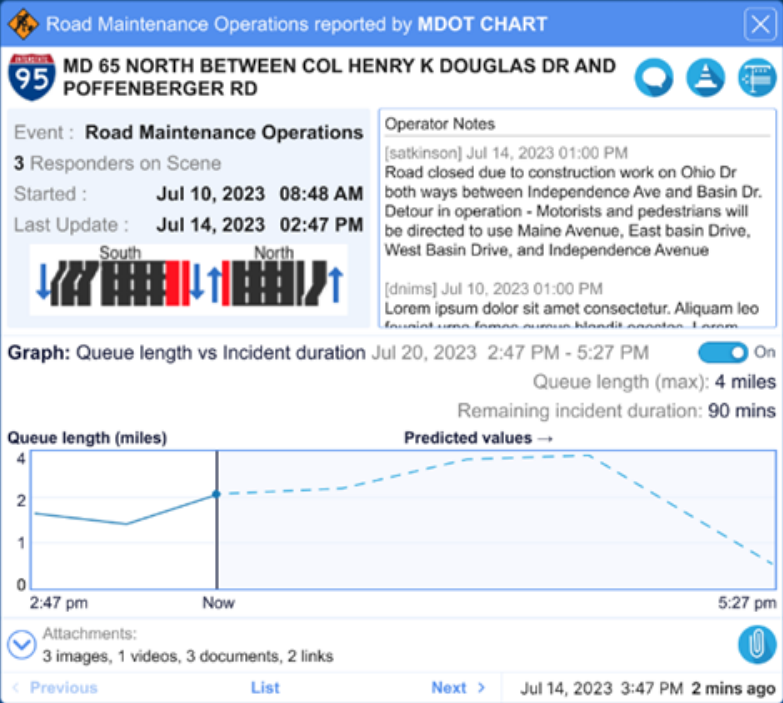
List

Next >

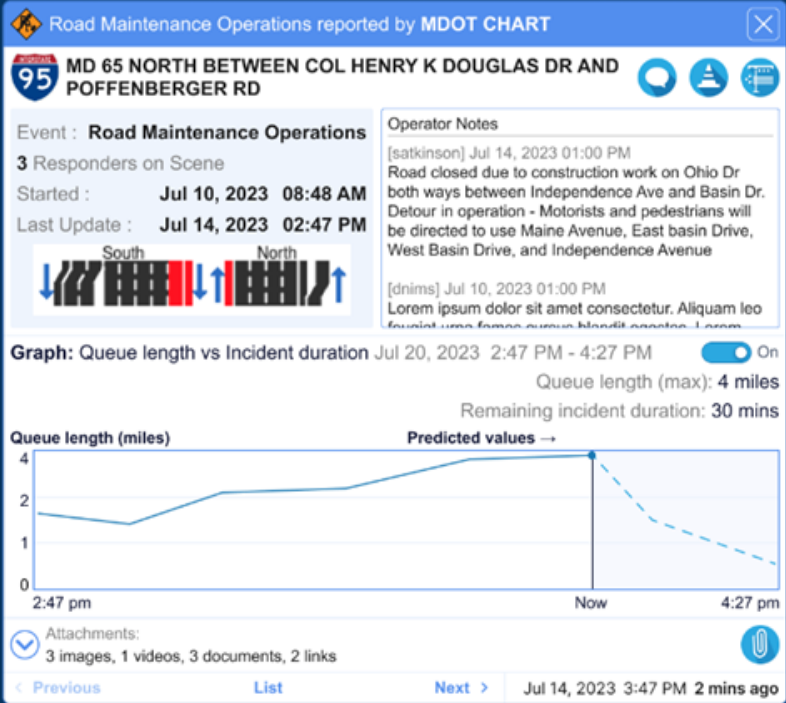
Jul 14, 2023 3:47 PM 2 mins ago



60 mins actual + 60 mins predicted



60 mins actual + 90 mins predicted



60 mins actual + 30 mins predicted



Spotlight Presentation:

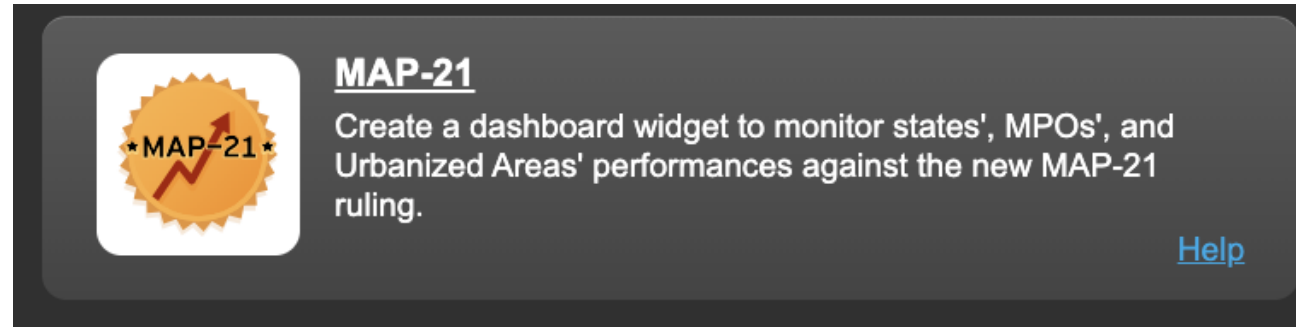
Federally Mandated Reporting Updates:
PM3 & Work Zones

Greg Jordan & Mark Franz



- 
- 1. MAP-21 (PM3) reporting
 - 2. Work Zone reporting
 - 3. Trip Analytics updates

Part 1: MAP-21 / PM3 reporting update



Key dates coming up:

1. FHWA / HPMS PM3 submission deadline -- **June 15th**

(Status check – ask support@ritis.org)

2. Target attainment report for the expiring (2022-2025) period – **Oct. 1st**

3. Target submission for the new (2026-2029) period – **Oct. 1st**

A	B	C	D	E	F	G	H	I	J
State	StateId	Tmc	RouteId	BeginPoint	EndPoint	UrbanId	LegacyUrbanId	SPEED_LIMIT	PHED_for_2025TSM
Illinois	17	119-05547	001 10172 000000	2.379	9.281	99999	99999	70	
Illinois	17	119-06881	001 20063 000000	0.13	0.263	99998	99998	35	
									55
									40
									55
									55
									55
									40
									30

Table 2 – Reporting Segment Criteria for PHED Metric Value Submission Expected in 2025									
TTM									
State	Reporting Segment Criteria								
A	B, C, D, E, F, G, H, I, J								

Urban ID Transition in 2025 Travel Time Metrics (TTM) Table	47611, 51445, 904, 79039,
	51445, 57709, 639, 79282,
	27, 30628)
	9, 97291) OR

Set targets for 2029:

3rd 4-year reporting period (2026-2029):

2025 (basis for new targets / new UZA definitions)

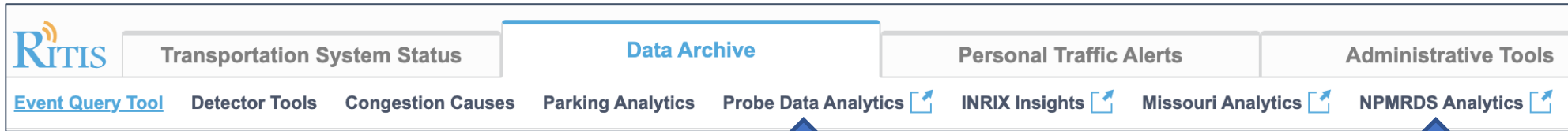
2026 – Year 1

2027 – Year 2

2028 – Year 3

2029 – Year 4

Tool Review – PM3 Target Setting





MAP-21

Create a dashboard widget to monitor states', MPOs', and Urbanized Areas' performances against the new MAP-21 ruling.

[Help](#)

Choose the correct UZA option:

Did you make your target for '25?

What is your '25 baseline to help decide your '29 target?

1. Select geography:

☐ State

Type state name or select from list...

☐ MPAs

Type MPA name or select from list...

2025 and earlier

2025 and earlier

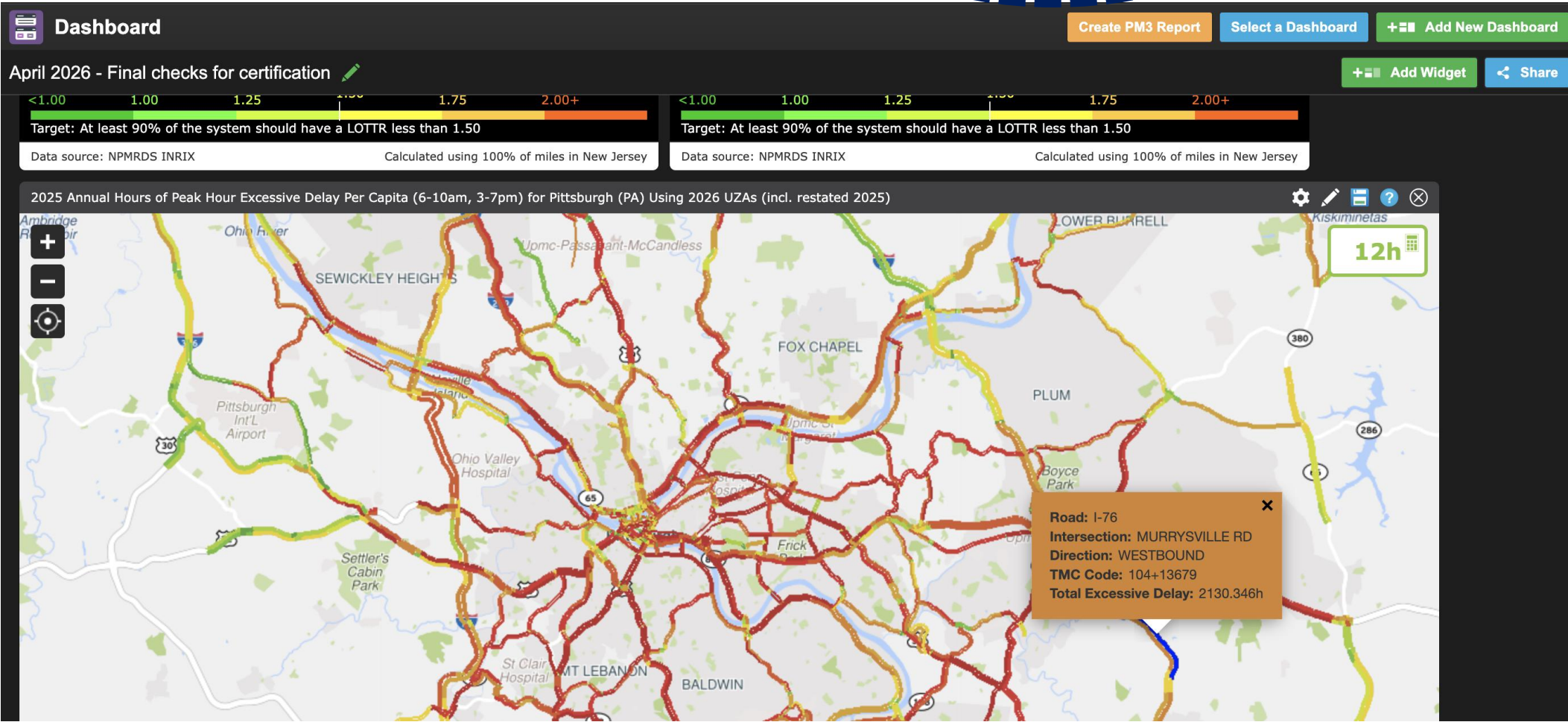
2025 and later

San Diego (CA)

Percent of the Person-Miles Traveled on the Interstate That Are Reliable (the Interstate

For setting your 2026-2029 targets:

2025 Annual Hours of Peak Hour Excessive Delay Per Capita (6-10am, 3-7pm) for Pittsburgh (PA) Using 2026 UZAs (incl. restated 2025)



Part Two:
Coming soon –

Streamlined
Work Zone
Reporting for
FHWA
reporting



1. MAP-21 (PM3) reporting
2. Work Zone reporting
3. Trip Analytics updates



WORK ZONE PERFORMANCE REPORT

Create reports detailing the impacts of work zones on speed, congestion, and delay

[Help](#) [History](#)

Mountain View Drive.

signal work at the intersection of U.S. 2/7 and

Coming soon – Streamlined Work Zone Reporting for FHWA reporting

Do you want an early
look and give us your
feedback?

Let us know at
support@ritis.org

