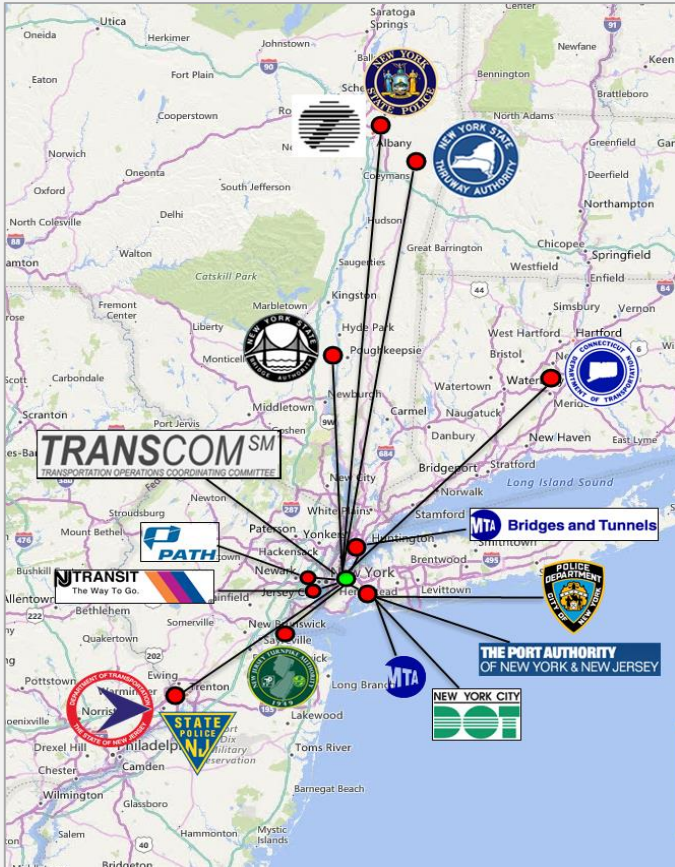


# AGENDA FOR TRANSCOM PRESENTATION TO THE BQE TRAFFIC PANEL

- TRANSCOM Overview
- TRANSCOM Analysis of Operational Data for I-278  
(Gowanus Expressway & BQE) from Verrazano Narrows  
Bridge to the Kosciuszko Bridge Application
  - Incident Comparison 2016 -2018
  - Travel Times Comparison 2016 -2018
- Case Study on Support for Non-Recurring Congestion -  
Restore NJ 495 Project

# TRANSCOM Overview

## TRANSCOM MEMBER AGENCIES



## MISSION STATEMENT

- TRANSCOM improves the mobility and safety of the traveling public by supporting its member agencies through interagency communication and the enhanced utilization of their existing traffic and transportation management systems. Further, as additional systems become available, TRANSCOM is a forum for ensuring that they are implemented in a coordinated manner.
- As a coalition of transportation and public safety agencies, TRANSCOM serves as a focus for bringing even greater funding into the region to improve regional traffic and transportation management.

## TRANSCOM FUNCTIONS

- Primary Mission: Regional Operations
  - Regional Incident Management - 24/7
  - Regional Construction Coordination
  - Regional Implementation of ITS Systems
- Additional Mission: Real-Time Data Source for Member Agencies

# TRANSCOM ANALYSIS OF OPERATIONAL DATA FOR THE BQE – INCIDENTS (BOTH DIRECTIONS)

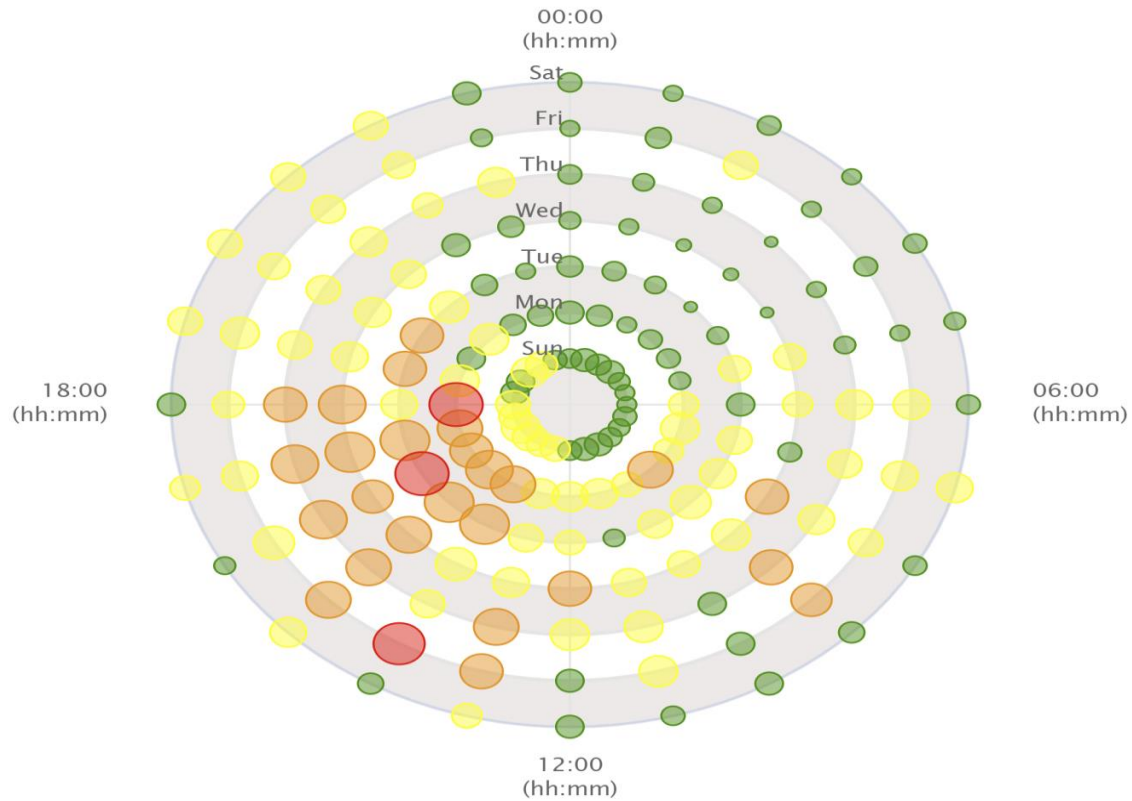
Year	06 AM-10 AM (AM Peak Weekdays)		10 AM-03 PM (Mid Day Weekdays)		03 PM-07 PM (PM Peak Weekdays)		07 PM-12 AM (Evening Weekdays)		12 AM-06 AM (Overnight Weekdays)		24 Hours Weekends	
	Count	Duration	Count	Duration	Count	Duration	Count	Duration	Count	Duration	Count	Duration
2016	270	00:41	352	00:41	426	00:39	273	00:39	134	00:49	357	00:34
2017	263	00:45	401	00:42	382	00:40	253	00:53	121	00:53	386	00:41
2018	296	00:45	392	00:42	355	00:43	238	00:49	99	00:54	402	00:42

Duration in hh:mm

# TRANSCOM ANALYSIS OF OPERATIONAL DATA FOR THE FOR THE BQE – INCIDENTS IN 2016 (BOTH DIRECTIONS)

Year  ▼

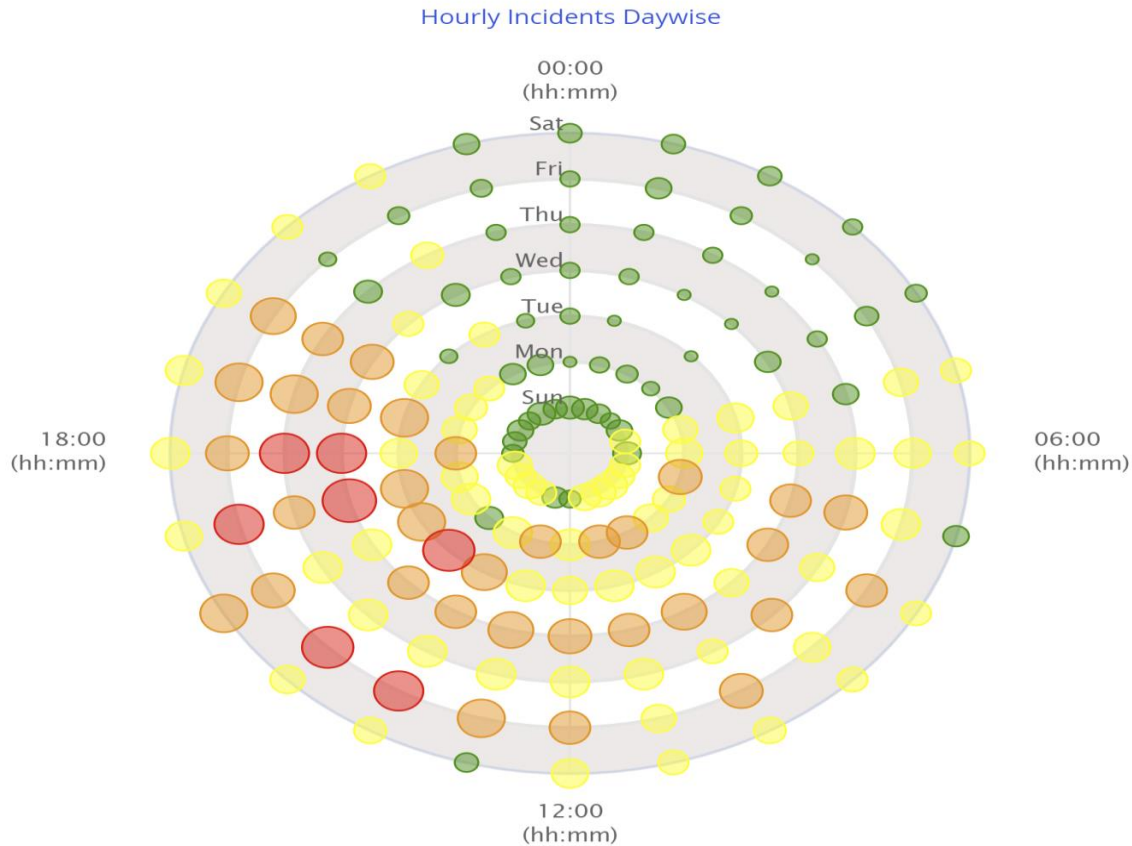
Hourly Incidents Daywise



Most Incidents			Event Count			
Hour	Day	Hour/Day	0-8	9-17	18-26	27-32
15-16	Tuesday, Monday	18-19/Monday	●	●	●	●

# TRANSCOM ANALYSIS OF OPERATIONAL DATA FOR THE FOR THE BQE – INCIDENTS IN 2017 (BOTH DIRECTIONS)

Year

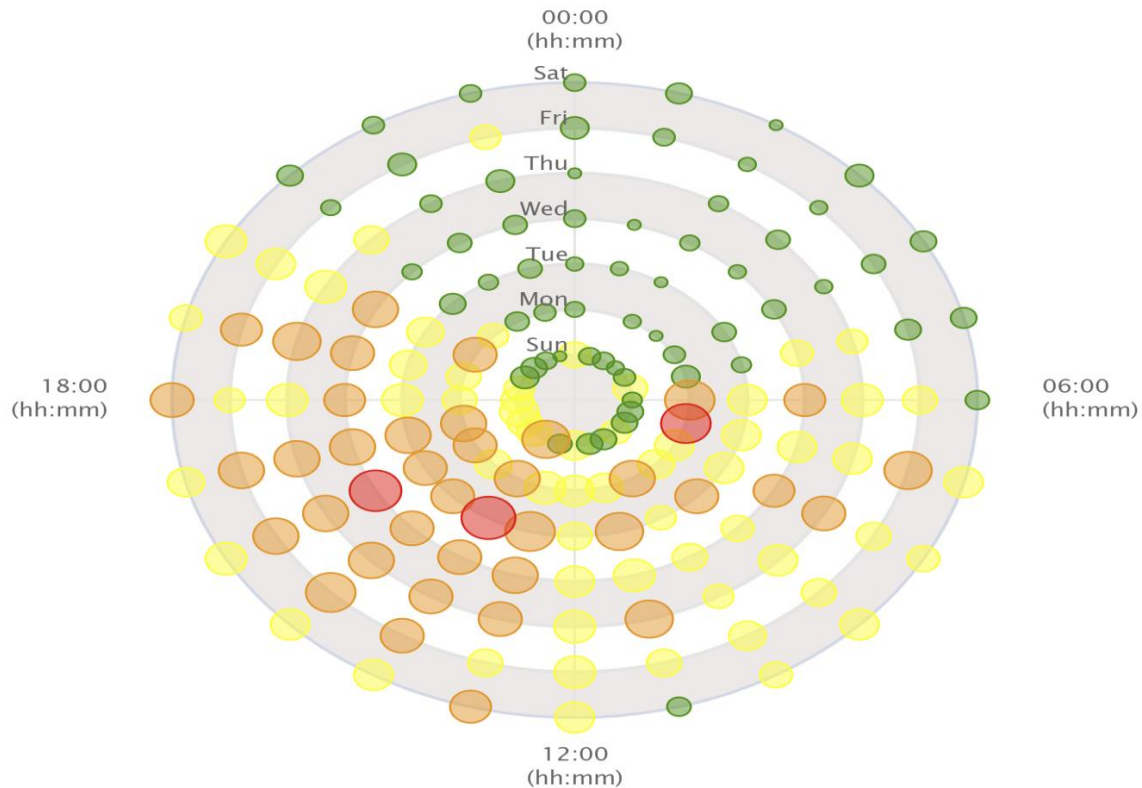


Most Incidents			Event Count			
Hour	Day	Hour/Day	0-7	8-15	16-23	24-31
17-18	Friday	17-18/Wednesday	<span style="color: green;">●</span>	<span style="color: yellow;">●</span>	<span style="color: orange;">●</span>	<span style="color: red;">●</span>

# TRANSCOM ANALYSIS OF OPERATIONAL DATA FOR THE FOR THE BQE – INCIDENTS IN 2018 (BOTH DIRECTIONS)

Year  ▼

Hourly Incidents Daywise

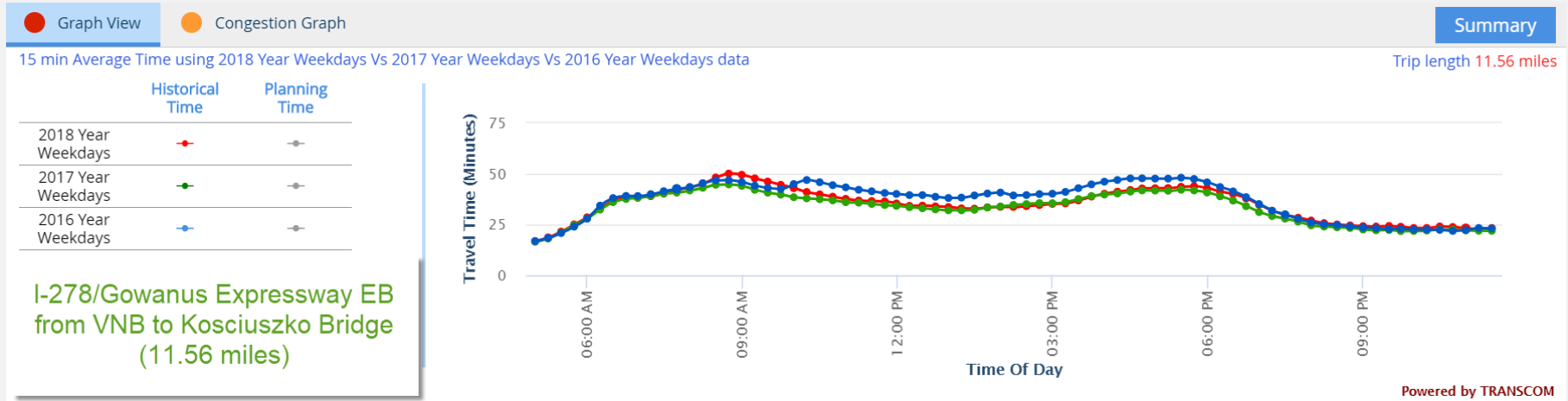


Most Incidents			Event Count			
Hour	Day	Hour/Day	0-7	8-15	16-23	24-29
14-15	Thursday	14-15/Tuesday	●	●	●	●

# TRANSCOM ANALYSIS OF OPERATIONAL DATA FOR THE FOR THE BQE – INCIDENTS BY LOCATION IN 2016 - 2018 (BOTH DIRECTIONS)

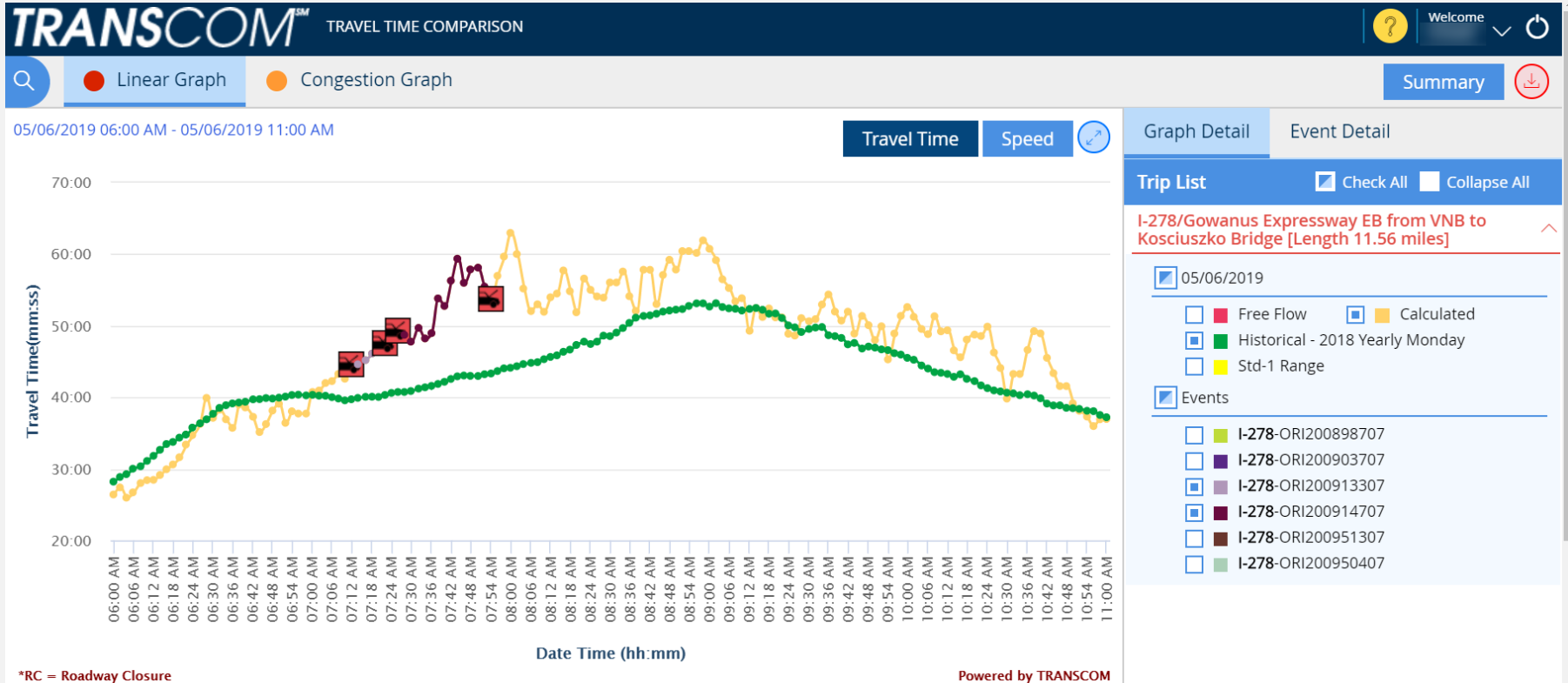
2016			2017			2018		
Location	Accident Count	Avg. Duration (mins.)	Location	Accident Count	Avg. Duration (mins.)	Location	Accident Count	Avg. Duration (mins)
Queens-Kings County Line; Koskuisko Bridge	253	43	Atlantic Avenue	293	36	Atlantic Avenue	280	39
Atlantic Avenue	253	32	Queens-Kings County Line; Koskuisko Bridge	188	55	Queens-Kings County Line; Koskuisko Bridge	179	50
Exit 26 - Hamilton Avenue	166	30	Exit 26 - Hamilton Avenue	153	41	Exit 24 - NY 27; Prospect Expressway Exit	158	36
Metropolitan Avenue; Williamsburg Bridge	133	45	Exit 24 - NY 27; Prospect Expressway Exit	149	40	Exit 26 - Hamilton Avenue	157	49
Exit 28B - Brooklyn Bridge	128	36	Exit 28A - Old Fulton Street; Cadman Plaza West	115	34	Metropolitan Avenue; Williamsburg Bridge	102	47
Exit 28A - Old Fulton Street; Cadman Plaza West	113	32	Metropolitan Avenue; Williamsburg Bridge	112	38	Exit 28A - Old Fulton Street; Cadman Plaza West	90	44

# TRANSCOM ANALYSIS OF OPERATIONAL DATA FOR THE BQE- TRAVEL TIMES 2016 -2018





# TRANSCOM ANALYSIS OF OPERATIONAL DATA FOR THE BQE- IMPACT OF MINOR INCIDENT ON TRAVEL TIMES (MAY 6, 2019)



# CASE STUDIES SHOWING SUPPORT FROM TRANSCOM (RESTORE NJ 495 PROJECT)



## DFE/SPATEL:

- Restore NJ 495 video tutorial created
- 109 trips added to the database:
  - 17 to support Blue Toad installations
  - 11 added with NB Skyway reopening
  - 43 requested by NJ Transit Bus
  - 12 to provide expanded coverage as it relates to XBL
  - 25 requested by NJ DOT for monitoring purposes
  - 1 to support VMS Travel Times
- **Project Monitoring tool** was created as part of the Regional Conditions Operations Map and is a stand alone tool within the application
- Ops Dashboard assigned additional folders to help with monitoring
- 13 Video Walls were added/updated
- 8 New CCTVs were added/updated

# CASE STUDIES SHOWING SUPPORT FROM TRANSCOM (REGIONAL CONSTRUCTION COORDINATION TOOL)

**TRANSCOM** REGIONAL HIGHWAY CONSTRUCTION AND PROGRAMMED MAINTENANCE (RHCPM)

Navigation: RHCPM Projects | Dashboard | **Conflict Analysis** | Report

Search: [X]

### Conflict By Area Details

Project Name	No. of Conflict
Cauldwell Avenue construction, NY, Bronx, New York	14
I-895 construction, NY, Bronx, New York	11
I-278 bridge rehabilitation, NY, Bronx, New York	10
I-278 bridge rehabilitation, NY, Bronx, New York	10
I-278 construction, NY, New York, New York	10
Bruckner Boulevard construction, NY, Bronx, New York	10
RFK Triborough Bridge bridge rehabilitation, NY, New ...	9
RFK Triborough Bridge bridge work, NY, Bronx, New Y...	9
RFK Triborough Bridge bridge work, NY, Bronx, New Y...	9
Bruckner Boulevard construction, NY, Bronx, New York	9
I-278 construction, NY, Bronx, New York	8
I-895 construction, NY, Bronx, New York	7
Bronx River Parkway construction, NY, Bronx, New York	7
Rehabilitation on six bridges on Cross Bronx Expressw...	7
Bronx River Parkway construction, NY, Bronx, New York	6
I-87 Main Drumm Expressway Interchange construction	4

**Event Legend**

- Active Construction
- RHCPM Scheduled Construction
- DET Scheduled Construction

Map Tiles © 2019 HERE

# REGIONAL REAL-TIME TRANSIT CONDITIONS

**TRANSCOM™ TRANSIT DASHBOARD** 0:09 A A A ? Welcome trivedi

Source: 2 selected Carrier: All selected (4) Line/Route: All selected (486) Delay: Between 6 and 30 min As of 08/14/2018 09:40 AM

Carrier	Train/Route #	Line Name	From	Towards	Next Stop	Estimated Arrival Time	Delay
MTA - MNR	609	Harlem	Grand Central	Southeast	Purdy's	09:42	29
NJ Transit - Bus	084ML009	83 HACKENSACK	JOURNAL SQUARE TRANSPORTATION CENTER	83 HACKENSACK	32ND ST AT BERGENLINE AVE	09:40	29
NJ Transit - Bus	114IB024	114X NEW YORK EXPRESS	MALL NEAR BLOOMINGDALE'S	114X NEW YORK EXPRESS	RT 22 AT SPRINGFIELD RD	09:40	26
MTA - MNR	1512	New Haven	Grand Central	New Haven	Westport	09:46	25
NJ Transit - Bus	156ML002	156 NEW YORK VIA PARK AVE	BERGENLINE AVE AT 90TH ST	156 NEW YORK VIA PARK AVE	BERGENLINE AVE AT 60TH ST	09:24	25
MTA - MNR	1712	New Canaan	Grand Central	New Canaan	Talmadge Hill	09:43	24
MTA - MNR	611	Harlem	Grand Central	Southeast	Mount Kisco	09:48	24
NJ Transit - Bus	126GV019	126 NEW YORK VIA CLINTON	HOBOKEN TERMINAL	126 NEW YORK VIA CLINTON	HOBOKEN TERMINAL	09:33	21

Estimated arrival time in hh:mm and delay in minutes Page 1 of 10 15 View 1 - 15 of 145

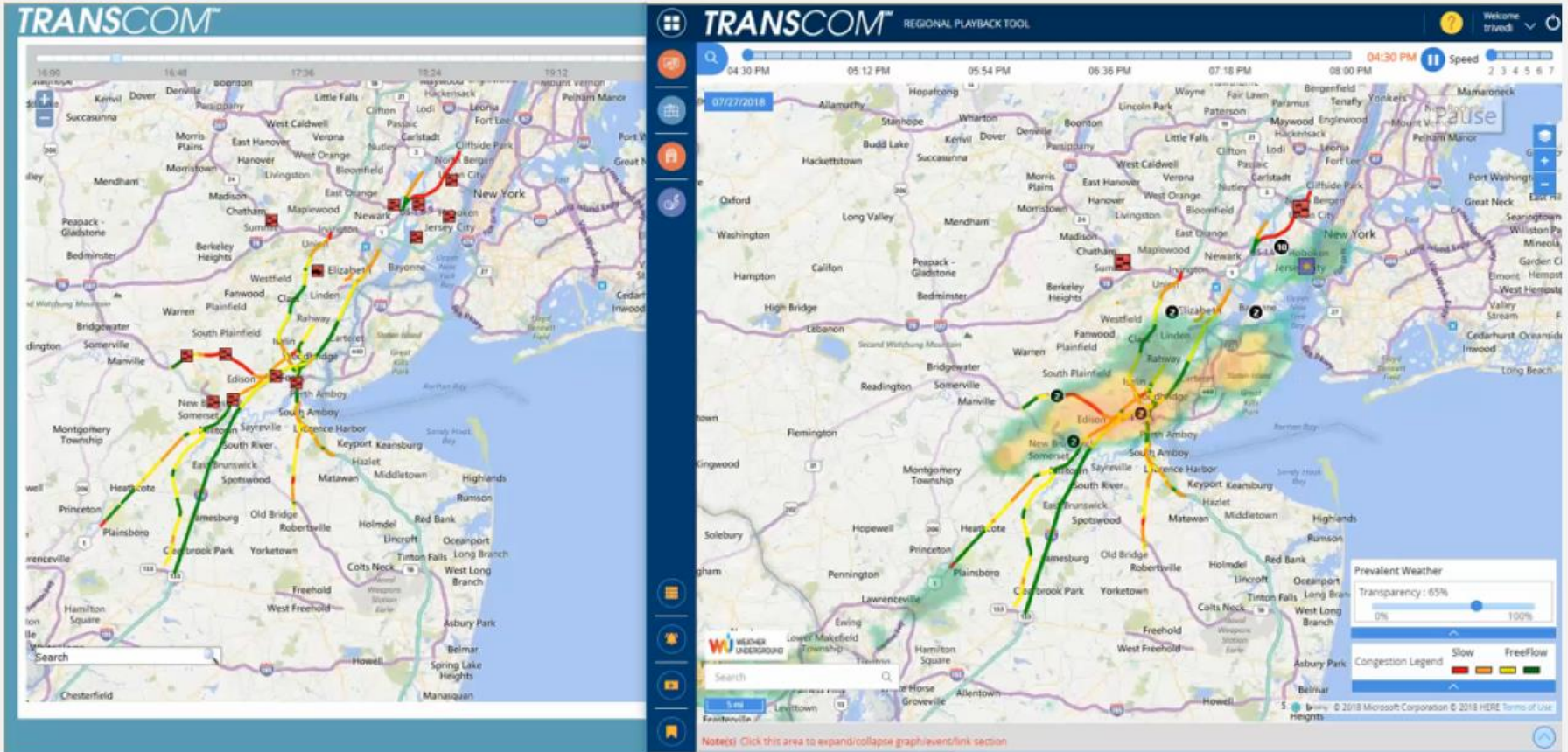
**Train # 1512 to New Haven on New Haven**  
will make the following station stop

Station	Estimated Arrival time	Delay
South Norwalk	Arrived At 09:36	23
East Norwalk	Arrived At 09:40	24
Westport	09:46	25
Green's Farms	09:50	25
Southport	09:53	25
Fairfield	09:57	25
Fairfield Metro	10:00	25
Bridgeport	10:07	25
New Haven	10:09	-
Stratford	10:13	25
Milford	10:19	25
West Haven	10:26	25

Secondary Site best viewed in IE 9 & above, Mozilla Firefox, Chrome 26 & above, Safari 6.1 & above. Minimum screen resolution is 1366 x 768. Copyright © 2017 TRANSCOM | V 1.3.0

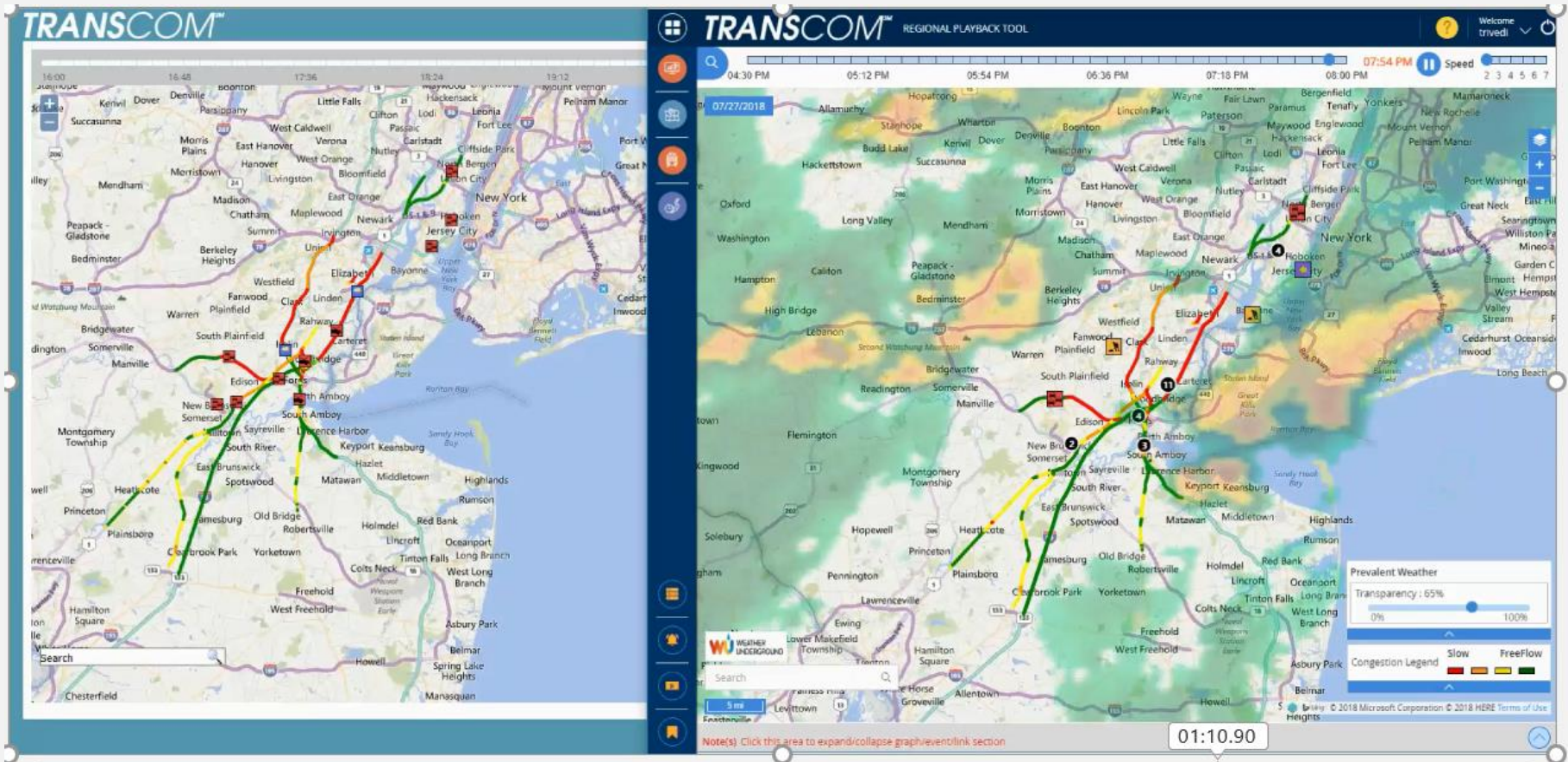
As presented to the BQE Expert Panel for informational/background purposes only  
<https://bqe-i278.com/en/expert-panel/documents>

# REGIONAL PLAYBACK TOOL WITH WEATHER LAYER (START OF STORM)



As presented to the BQE Expert Panel for informational/background purposes only  
<https://bqe-i278.com/en/expert-panel/documents>

# REGIONAL PLAYBACK TOOL WITH WEATHER LAYER (AT END OF THE STORM)



As presented to the BQE Expert Panel for informational/background purposes only  
<https://bqe-i278.com/en/expert-panel/documents>