

TRANSCOM

PRESENTATION TO METROPOLITAN MOBILITY NETWORK

JUNE 25, 2019

AGENDA

- TRANSCOM Overview
- TRANSCOM Goals and Objectives to support Regional Mobility
- Case studies showing support for support for Regional Mobility within the TRANSCOM region
 - Restore 495 and Regional Construction Conflicts Tool
 - Major incident – March 27th Approach to GWB
 - Adverse Weather Events – January 19, 2019

TRANSCOM OVERVIEW

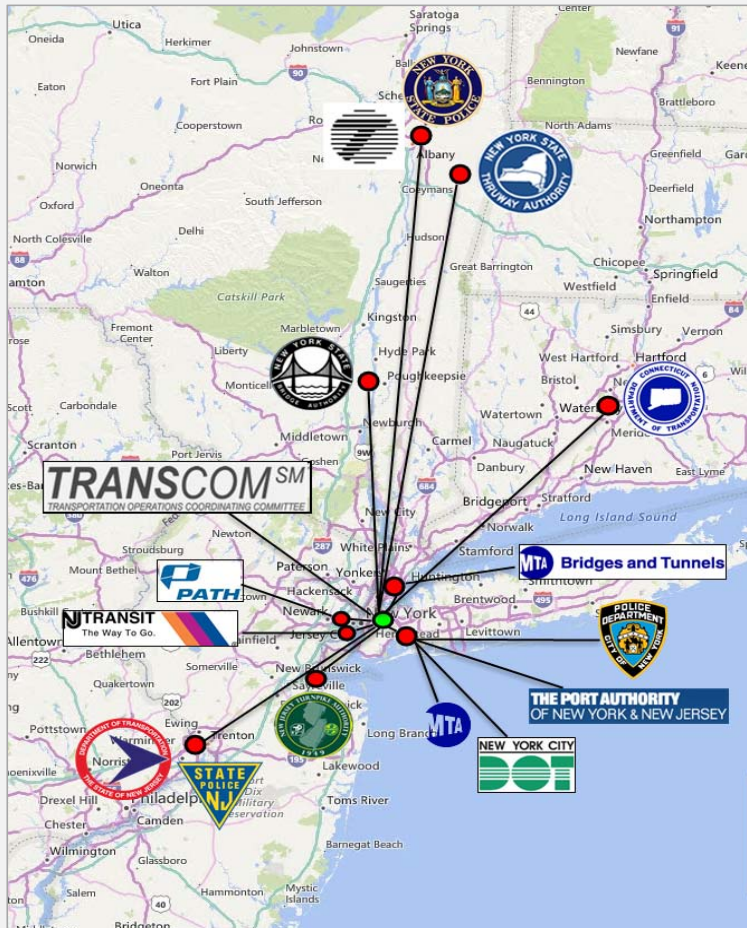
- The Need for Regional Coordination
 - One regional economy, one transportation system and one customer base – region of 24 million
 - No Central Authority, 16 Jurisdictions
 - Benefits of Regional Operation Achieved Through TRANSCOM's Cooperative Model
 - TRANSCOM Provides essential elements for regional coordination & decision making:
 - Accurate data from ITS Technology
 - Strong working relationships among agencies

TRANSCOM™
TRANSPORTATION OPERATIONS COORDINATING COMMITTEE

**MOVING
THE
REGION**

2017 ANNUAL REPORT

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

TSMO CHALLENGES WITHIN REGION

- An active construction program such as the Pulaski Skyway, Restore Route 495 Projects, and multi-agency (NYSDOT, MTA and City of New York) projects in the Bronx and Queens.
- Emergency highway construction and transit service disruptions due to the impacts of an aging infrastructure.
- The growth of New York City and the region's population having grown to 24 million.
- Increased freight movement in the region
- More frequent occurrences of adverse weather to highway operations and transit service which has impacted both commuters and freight traffic

2019 – 2021 REGIONAL GOALS, OBJECTIVES, & OPPORTUNITIES

Regional Goal 1: Regional Coordination:

Coordinate as a region to ensure a seamless, safe, reliable, and efficient daily journey for our region's customers.



Objective:

Increase the quantity and comprehensiveness of information that assists the customer to make informed and safe travel choices, particularly during times of planned and unplanned disruption.

Regional Goal 2: Sustainability:

Create and advocate for a financially and operationally sustainable coalition that is structured and resourced to facilitate regional goals and system objectives.

Regional Goal 3: Performance Measurement and Management:

Articulate regional travel patterns, system reliability, and the value of regional transportation system operations, and advocate them accordingly.

Regional Goal 4: Planning for the Future:

Prepare for the future needs of our region's members and their customers by assessing emerging trends and encouraging innovation to address future transportation improvements.

•Technology Investments

- Platform to support agency Integrated Corridor Management (ICM) and Active Traffic Demand Management related initiative (ATDM)

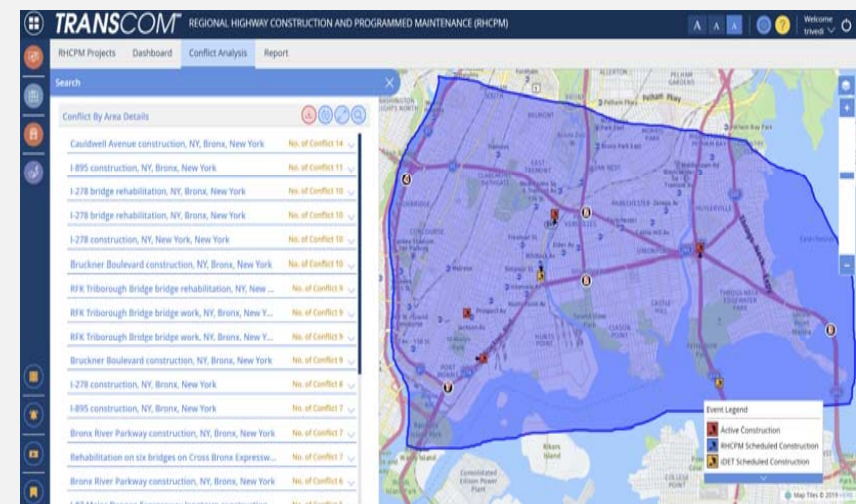
CASE STUDIES SHOWING SUPPORT FOR TSMO WITHIN TRANSCOM REGION (REGIONAL CONSTRUCTION COORDINATION)

RESTORE NJ 495

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

RHCPM – CONSTRUCTION CONFLICT RESULTS



CASE STUDIES SHOWING SUPPORT FOR TSMO WITHIN TRANSCOM REGION

EXPRESSWAY: ACCIDENT INVESTIGATION – RIGHT LANE CLOSED (MONDAY, MARCH 27, 2017)

I-95/TRANS-MANHATTAN EXPRESSWAY LOWER LEVEL SOUTHBOUND APPROACHING GWB

General Data Items Schedule Information **History** Trip Graph X

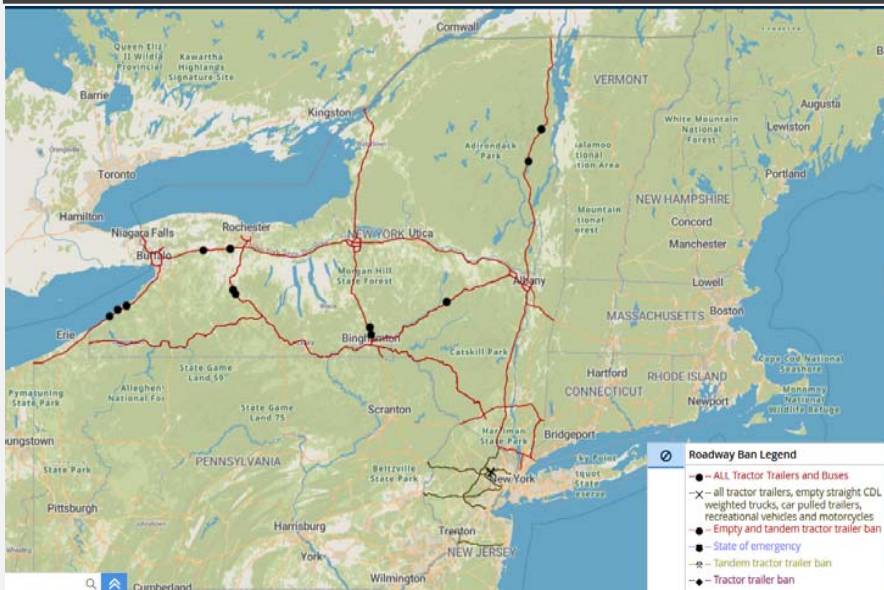
Status	Date	Event Description
Created	03/27/2017 04:17:39 AM	NYSDOT - Region 11: Accident on I-95/Trans-Manhattan Expressway lower level southbound approaching
Updated	03/27/2017 06:49:12 AM	NYSDOT - Region 11: Accident investigation on I-95/Trans-Manhattan Expressway lower level southbound
Updated	03/27/2017 09:07:31 AM	NYSDOT - Region 11: Accident investigation on I-95/Trans-Manhattan Expressway lower level southbound
Updated	03/27/2017 09:49:42 AM	NYSDOT - Region 11: Accident investigation on I-95/Trans-Manhattan Expressway lower level southbound
Closed	03/27/2017 09:53:51 AM	NYSDOT - Region 11: Accident investigation on I-95/Trans-Manhattan Expressway lower level southbound

Report Name	Travel Time Comparison		
Trip	CBE WB - From CBE/Castle Hill Ave to I-95 S Fletcher Ave (via lower level)		
Date	02/06/2019		
Time From	04:00 AM		
Time To	10:00 AM		
Free Flow TT	08:58 (mm:ss)		
Trip Length	6.86 miles		
Date Time	Calculated TT (mm:ss)	Historical - 2016 Q1 Weekdays (mm:ss)	Incident Delay (mm:ss)
02/06/2019 04:00 AM	08:58	09:27	-00:29
02/06/2019 04:02 AM	08:58	09:28	-00:30
02/06/2019 04:04 AM	08:58	09:26	-00:28
02/06/2019 04:06 AM	08:58	09:21	-00:23
02/06/2019 04:08 AM	08:58	09:35	-00:37
02/06/2019 04:10 AM	08:58	09:37	-00:39
02/06/2019 04:12 AM	08:58	09:36	-00:38
02/06/2019 04:14 AM	08:58	09:39	-00:41

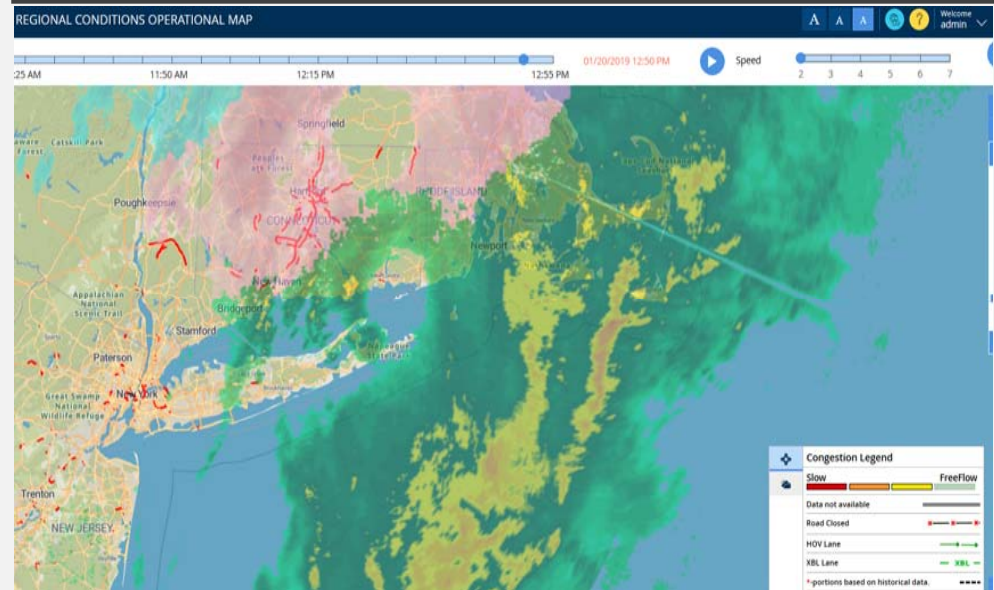
CASE STUDIES SHOWING SUPPORT FOR TSMO WITHIN TRANSCOM REGION

(DFE ENHANCEMENTS TO SUPPORT MEMBER AGENCIES DURING ADVERSE
WEATHER EVENTS)

ABILITY TO SHOW STATE OF EMERGENCY AND SPECIFIC RELATED BANS



TRANSCOM DFE SNAPSHOT



Pink = Wintry Mix
Green/Yellow = Rain
Blue = Snow

Red Line =
is 20% longer than
typical Sunday