

# Highway Administrator's Report

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July 16, 2018

# Comm Ave over I-90

## Impacted Users

- I-90:
  - Weekday: 165,000 per day
- Commonwealth Ave
  - Vehicular: 4,000+ per hr
  - Pedestrian: 2,000 per hr
  - Bicycle: 500 per hr
- Green Line – B Branch:
  - 27,000 per weekday
- MBTA Bus:
  - CT2: 2,300 per weekday
  - 47: 4,800 per weekday
- Commuter Rail – Worcester Line:
  - Weekday: 18,500 per day
  - Saturday: 2,800 per day
  - Sunday: 1,800 per day



**That is over 200,000 people a day under or on-top of the bridge—  
over 3 Gillette Stadium or 5 Fenway Park sellouts**

# Comm Ave over I-90 – 2017 Highlights



- Successfully replaced the eastbound side in approximately 3 weeks
- Traveling public made smart decisions
- Managed impacts to the local community and the region



# Comm Ave over I-90 – 2018 Construction



- **July 26 – August 11**
- In 15.5 days over 200 workers will work around the clock to replace the west side
- Major difference from 2017 is the BU Bridge will not have any vehicular traffic – only pedestrians and cyclists
- Crews will use three 600 ton cranes
- Will consist of 45 steel beams and 214 pre-fabricated concrete deck panels

# Comm Ave over I-90 – Travel Impacts

Facility	Impacts	Notes
Commonwealth Avenue (Packard's Corner to Kenmore)	Closed to through motor vehicles for 15½ days	Two-way access will be maintained for local businesses and residents, MBTA buses, emergency services, pedestrians, and bicyclists. There will be no access for private vehicles between St. Paul and St. Mary's Streets.
Boston University (BU) Bridge	Closed to motor vehicles and buses for 15½ days	Two-way access will be maintained for pedestrians and bicyclists.
MBTA Bus Routes (CT2 and 47)	Detoured from normal routes for 15½ days	Detour maps are available on the project website.
MBTA Green "B" Line (Blandford St. to Babcock St.)	Closed from Blandford St. to Babcock St. for 15 days	Shuttle bus service will run between Blandford St. and Babcock St.
I-90 (Mass Turnpike)	Lane reductions and ramp closures for 9½ days	Two lanes in each direction during peak periods. The 1-90 Eastbound on ramp from Cambridge Street/Soldiers Field Road will be closed during this entire period. The I- 90 Westbound Exit 20 off-ramp to Brighton/Cambridge will also be closed intermittently.
MBTA Commuter Rail (Framingham/Worcester Line)	Service impacts for two weekends: July 28-29 and August 4-5	Bus shuttles will replace train service between Framingham and Wellesley Farms. After Wellesley Farms, the shuttle bus will then continue nonstop to Riverside, where riders can connect to the Green D Line. In addition to local shuttles, express shuttle service will be available between Framingham and Riverside.
Amtrak (Lake Shore Limited Line/ Chicago)	Service impacts for two weekends: July 28-29 and August 4-5	Shuttle bus service from Albany, NY to Boston with stops in Springfield and Worcester.

# Comm Ave over I-90 – July 26 - Aug 11

	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat
	July 26	July 27	July 28	July 29	July 30	July 31	Aug 1	Aug 2	Aug 3	Aug 4	Aug 5	Aug 6	Aug 7	Aug 8	Aug 9	Aug 10	Aug 11
Comm Ave CLOSED to through motor vehicles	7:00 PM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	5:00 AM
BU Bridge CLOSED to motor vehicles	7:00 PM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	5:00 AM
MBTA CT2 & 47 Detours	7:00 PM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	5:00 AM
MBTA Green B Line Bus Diversion		5:00 AM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	5:00 AM
I-90 Lane Restrictions		9:00 PM	X	X	X	X	X	X	X	X	X	5:00 AM					
Commuter Rail Bus Diversion			X	X						X	X						

# Comm Ave over I-90 – Public Outreach

- Public meetings were held in Boston and Cambridge – with another round on July 17 & 18
- Media briefings and interviews
- Specific messaging to:
  - I-90 users
  - Pedestrians and Cyclists
  - MBTA Users
    - Green Line B Branch
    - Bus – CT2 & 47
    - Commuter Rail
  - Massport – Logan Airport and Black Falcon Pier
  - Coordination with local businesses on Commonwealth Avenue
  - Large Employers
  - Chambers of Commerce
  - Tourist attractions
  - Large stakeholders like Boston University and the Red Sox

# Padanaram Causeway - Dartmouth



- \$8.2 million project to replace the Padanaram Causeway in Dartmouth
- Owned and initiated by the Town of Dartmouth and constructed by MassDOT
- Closed for demolition and replacement on August 1, 2016 and reopened on June 11, 2018
  - Special attention was given to the growing business cluster
  - Scheduled the closure to minimize impacts to summer months
  - Event is being planned for late July



# I-91 Viaduct Rehabilitation - Springfield

- MGM Springfield is set to open August 24<sup>th</sup>
  - Ongoing coordination
- The project is to rehab the 1 mile long, 3 lane viaduct on I-91 in Springfield and is 81% complete
- Full Beneficial Use: Achieved on December 21, 2017
- Regional traffic has been restored on the viaduct
- Current work includes bridge painting, joint repairs, and work on City streets
- Substantial completion is expected November 2018
- Completion date: February 2019



# APWA Award Recognition

John Lozada



Alex Bardow

# Leonard P. Zakim Bunker Hill Memorial Bridge Awarded the ASCE'S Outstanding Civil Engineering Achievement Award



Secretary Pollack, ASCE President-Elect  
Robin Kemper and Administrator Gulliver



The following working sessions are under discussion to meet both the requirements of the MSP MOU for services in SFY2019 as well as the development of the SFY2020 budget.

#### Working session #1 (July)

- Objectives for the year
- Federal or state performance metrics
- Policy decisions

#### Working session #2 (July)

- Consensus on service levels
  - › Daily patrols
  - › Construction activities
  - › Special patrols
  - › Special events
  - › Other permitted activities

#### Working session #3 (August)

- Consensus on service level costs
  - › MSP wages and benefits
  - › Uniforms, PPE, and other items
  - › Daily equipment and materials
  - › Capital improvements

#### Working session #4 (August)

- Consensus on annual schedule
  - › Billing cycle
  - › Budget to actuals reporting
  - › Periodic audits

#### Working sessions #5 and #6 (September)

- Staff recommendations
- Management recommendations
- Submission into the budget process

Interim procedures for the review, approval, and payment of services provided by the Massachusetts State Police (MSP) are implemented.

- Monthly bills are thirty days in arrears, e.g. in June we review May's expenses
- Monthly bill is transmitted to Operations, Administration, and Audit for review
- Bill is organized into three sections for internal review:
  - Regular time payroll for troopers and command staff
    - » Moving towards "certified payrolls"
    - » Maintenance and Construction details
  - Construction or maintenance details
    - » Ability to track detail assignments by MassDOT project id, trooper name and id, hours worked
  - Overtime
    - » Moving towards plain language focusing on the approval of and reason for overtime (e.g. call in, minimum staffing, elective patrols requested by Highway, ERS coverage)
- Ongoing issues that will be resolved through the coming year:
  - MSP systems updates and conversions
  - Nomenclature, in particular plain language explanations of data
  - Access to logs, information or other data for random and periodic audits



In July, the Highway Division released a request for consultant support to develop a new process for review, approval, and payment of services provided by the Massachusetts State Police (MSP).



### **Task 1: Reimbursement Process**

- Develop the process and methodology for communications, timelines, information, and reports associated with the review, reconciliation, audit, and approval of costs submitted by the MSP to Mass DOT for services provided.
- Establish consistent communications, nomenclature, and platforms between intra-agency sections (e.g. Highway, Fiscal, Internal Audit, and Legal), MSP, Executive Office for Administration and Finance (ANF), and other agencies or stakeholders.
- Develop and delivery of fraud, waste, and abuse training for Mass DOT staff to identify areas of concern, inconsistencies or problems within the reimbursement process.

### **Task 2: Service Planning Process**

- Develop an overall, cohesive, best practices process for updating and establishing an annual service plan with the MSP, focusing on the Metropolitan Highway System, Tobin Bridge, and Western Turnpike.
- This process will outline the roles, timelines, and responsibilities in the service planning process, consistent with the current Mass DOT, Highway Division, and MSP organizational structure.

The services are expected to begin in July, 2018 and to be completed not later than December 30, 2018.