

**Executive-Level Traffic Records Coordinating Committee (ETRCC) Meeting Minutes**

<b>Date/Time</b>	April 27, 2022, 1 to 2:30 pm	
<b>Chair</b>	Kerry Collins, EOPSS Undersecretary for Forensic Science and Technology & ETRCC Chair	
<b>Participants</b>	<p><b>Richard Bates</b> - Federal Motor Carrier Safety Administration  <b>Neil Boudreau - VM</b>, MassDOT/Highway Division  <b>Maria Cheevers</b>, Boston Police  <b>Brook Chipman</b>, OGR/Highway Safety  <b>Scott Cluett - VM</b>, MDPH-OEMS  <b>Kerry Collins - VM</b>, EOPSS  <b>Joe Demers</b>, Department of Criminal Justice Information Services  <b>Dan DeMille</b>, NHTSA  <b>Michaela Dunne</b>, Department of Criminal Justice Information Services  <b>Debra Eaton</b>, MassDOT/Merit Rating Board  <b>Bob Frey - VM</b>, Alternate, MassDOT/Office of Planning  <b>Jamie Gagnon - VM</b>, Department of Criminal Justice Information Services  <b>Eric Gemperline</b>, CMRPC  <b>Jeanne Hathaway</b>, MDPH/Injury Prevention and Control</p>	<p><b>Jeff Larason - VM</b>, OGR/Highway Safety  <b>Chief John LeLacheur - VM</b>, Alternate, Beverly PD and Mass Chiefs of Police Association  <b>Jim Morton - VM</b>, Administrative Office of the Trial Court  <b>Arielle Mullaney</b>, EOPSS Assistant General Counsel  <b>Andrea Nardone - VM</b>, Municipal Police Training Committee  <b>Janet Pierce - VM</b>, Central MA Planning Commission  <b>Robin Riessman</b>, UMassSafe  <b>Barbara Rizzuti</b>, NHTSA  <b>Major Robert Schumaker - VM</b>, MA State Police  <b>Sonja Singleton - VM</b>, MassDOT/Merit Rating Board  <b>Lt. Michael Sonia</b>, MA State Police  <b>Rebekah Thomas - VM</b>, MDPH-ISP  <b>Jake Viola - VM</b>, EOTSS  <b>Deputy Superintendent Chris Walsh</b>, Boston Police</p> <p>VM = Voting Member</p>
<b>Location</b>	Teams Meeting	

*Welcome and Introductions*

Kerry Collins, EOPSS Undersecretary for Forensic Science and Technology and ETRCC Chair, welcomed participants and reminded them this was a virtual meeting being held in compliance with the Massachusetts Open Meeting Law requirements.

Kerry conducted a roll call to determine how many ETRCC members were on the call and identify alternates present. Arielle Mullaney confirmed a quorum was present (14 out of 15 voting ETRCC members or alternates were on the call, more than the eight members necessary).

#### *Review/Approval of 1/20/2022 Meeting Minutes*

Kerry noted the draft minutes for the ETRCC's 1/20/22 meeting had been circulated to the membership for review before this meeting. She asked if anyone had requested edits and provided a final opportunity for review. Given no member did, Kerry indicated the minutes were unanimously adopted.

#### *Office of Grants and Research update on Availability of Grant Funds (AGF) for FFY 2023 405c funding process to select new projects (Brook Chipman)*

Brook Chipman stated the Office of Grants and Research expects to issue its next AGF for Section 405c funding from NHTSA in early May. He referenced the AGF highlights document sent out last week to the committee members. The process for this AGF will be very similar to the one we used late last year. A notable addition to the process will be a webinar hosted by OGR to assist potential AGF respondents and hopefully attract new applicants. Brook asked if any committee members had questions or suggestions regarding the proposed AGF. None did.

Kerry asked Brook whether we had spent all available funds during the last AGF process. Brook confirmed we did.

#### *Discussion and vote on FFY 23 Massachusetts Strategic Plan for Traffic Records Improvements/FFY 23 405c application (Kerry and Brook Chipman)*

Kerry said Brook would briefly explain the reason for the annual update to the strategic plan.

Brook reminded the committee that the annual update of our strategic plan for traffic records improvement was the main component of OGR's yearly application to NHTSA for 405c funding. A draft of the updated plan and the associated members lists for the Executive-level and Working-level TRCCs were distributed last week for review to ETRCC members and those on Brook's traffic records e-list. Five of the six points of contact for the major data systems covered by the plan were the primary sources for input. We were unable to get updates for the driver section of the plan. The plan includes, by reference, the current members lists for both of our TRCCs. The plan also contains the current charters for the TRCCs in Section 1. It addresses what

we are or are not doing to meet our last traffic records assessments' recommendations, particularly through recent, current, and upcoming 405c funded projects detailed in Sections 3 and 4. Though only one is required, two examples of measurable progress for our traffic records systems in the past year are in the plan in Section 3: one by DPH's MATRIS and one by MassDOT's Office of Transportation Planning's Roadway Inventory System. Brook said he appreciated the help from both organizations to date in documenting the progress made. He also thanked Mary Jo-Griffin and Scott Cluett from DPH for minor edits that will be reflected in the final version of the plan and the members lists.

Per the ETRCC Charter, the committee must vote to support the plan update for the FFY 23 405c application with a minimum 2/3<sup>rd</sup>s vote. The motion the committee would be asked to support includes language to enable OGR to make minor updates before we submit the plan as part of our 405c application to NHTSA on or about July 1.

Brook asked committee members if they now had any critical edits to the updated plan or members lists. None were provided.

Kerry proposed the following motion: "Approve the FFY 23 update to the Massachusetts Strategic Plan for Traffic Records Improvement as the main component of the Massachusetts FFY 23 Section 405c Application to NHTSA, with the understanding the Office of Grants Research is authorized to make minor plan updates prior to the expected submission to NHTSA on or about July 1, 2022."

Jeff Larson moved the motion. Sonja Singleton seconded it. Kerry did a roll-call vote. The motion was unanimously adopted.

*Presentations on recent and current 405c projects (Brook and presenters)*

Brook said these presentations would 1) assist ETRCC members in staying abreast of 405c funded projects and 2) help identify new project opportunities for 405 funding. He added that four of the five projects the committee recommended for 405c funding at its January meeting will soon start. The committee will hear more about these projects once they are under contract. The four pending projects are ...

- a new phase of DCJIS's MACCS Project that should start in May,
- further enhancements to UMassSafe's Crash Report E-Manual Project that should begin in early May,
- MA State Police's Improvement to Electronic Surveying Processes for the Collision Analysis & Reconstruction Section Project that is awaiting additional federal approval,
- a new phase of DPH's MA Crash-Related Injury Surveillance System Project will start on July 1.

Brook said the first set of 405c-funded project presentations included the Massachusetts State Police and the Boston Police, which finished in December 2021.

- Lt. Michael Sonia spoke about the State Police's Crash Report Training Improvement Project.

Lt. Sonia noted during his presentation the administrative challenges that arose with having the project conducted over two federal fiscal years, particularly since the State Police subcontracted with UMassSafe to assist with the project. Kerry noted this experience is an example of why it may be useful for applicants using 405c funding to break projects into phases, ideally to avoid crossing federal fiscal years. Lt. Sonia also noted the new training would need to be in use for additional time before the project's full impact could be properly gauged using the project's benchmark/performance measure.

- Deputy Superintendent Chris Walsh and Maria Cheevers presented on Boston Police's Crash Reporting Improvement Project

During the presentation, it was noted that while the project's benchmark/performance measure had not been met by the time grant-funded activity concluded at the end of December 2021, that steady forward progress had continued since then. Deputy Superintendent Walsh noted the helpful assistance from the Registry of Motor Vehicles and the Department of Criminal Justice Information Services.

Brook said the next set of 405c-funded projects would both conclude at the end of June.

- Jeanne Hathaway spoke about the current efforts of the Department of Public Health's MA Crash-Related Injury Surveillance System Project, which involves the Integration and Analysis of Crash, Injury Surveillance, and Driver Data.

- Michaela Dunne and Joe Demers presented on the latest phase of DCJIS' Motor Vehicle Automated Citation and Crash System, or MACCS, Project.

Michaela noted this and the next phase of the project that would start soon would continue to work to bring on new departments while ensuring those brought on earlier were fully equipped with the printers necessary to issue citations through MACCS. Joe noted 203 departments were using MACCS, with 52 awaiting printers and associated training to start on the system. It was noted supply chain issues continued to prevent the quick acquisition of printers. Since the launch of MACCS in 2017, municipal police departments have issued approximately 414K citations using the system, and the State Police approximately 944K citations. Beverly Chief John LeLacheur inquired whether DCJIS was planning to have MACCS have the ability to scan barcodes on driver licenses (as can be done now in New Hampshire) to assist officers when MACCS was off-line. Michaela said they were looking into that and would follow up with Chief LeLacheur.

The final presentation was on a recently started 405c-funded project scheduled to run through September.

- Sonja Singleton presented on the Merit Rating Board's Accessible Citation Data Project.

Sonja said MRB was starting to reach out to key stakeholders for interviews to gain insight on what the ideal citation data portal should contain and how it should function. She encouraged all committee members to reach out to her with questions and suggestions regarding the project. Kerry noted that MRB's project was being done in phases, and this could be a useful approach to be taken by others who want to use 405c funding.

Brook said all related PowerPoint or presentation hand-outs would be provided in the meeting minutes package.

*Unforeseen business/upcoming event announcements/next meeting: August 2, 2022 (Kerry)*

Kerry offered an opportunity for public comment or to raise an unforeseen business matter. It was noted that it would be helpful to have more project presentations during committee meetings. She also said if committee members had not already done so, please respond to the Teams invite released for the August 2 ETRCC meeting. This will be an important meeting as we will be selecting new projects to use up to \$1.4 million of 405c funding based on the AGF released in early May.

### *Adjournment*

No member objected to Kerry's motion to adjourn, so she indicated the motion to adjourn was unanimously approved.



**Massachusetts  
Executive-level Traffic Records Coordinating Committee (ETRCC)  
Virtual Meeting**

**1 to 2:30 pm - April 27, 2022**

[Click here to join the Teams meeting](#)

Or call in (audio only)

+1 857-327-9245, 485152881#

Phone Conference ID: 485 152 881#

[Find a local number](#) | [Reset PIN](#)

**AGENDA**

1. Introductions (Kerry Collins)
2. Review and vote on draft January 20, 2022 ETRCC meeting minutes (Kerry)
3. Office of Grants and Research on Availability of Grant Funds (AGF) for FFY 23 405c funding process to select new projects (Brook Chipman)
4. Discussion and vote on FFY 23 Massachusetts Strategic Plan for Traffic Records Improvements/FFY 23 405c application (Kerry and Brook Chipman)
5. Presentations on recent and current 405c projects (Brook and presenters)
6. Unforeseen business/upcoming event announcements/next meeting:  
August 2, 2022 (Kerry)
7. Adjourn (Kerry)

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*To obtain auxiliary aids, services, or accessibility information for this meeting, contact Mr. Brook Chipman at 617-725-3355 or [brook.chipman@mass.gov](mailto:brook.chipman@mass.gov).*





**Highlights of  
Office of Grants and Research's  
Availability of Grant Funds (AGF)  
for FFY 2023 405(c) funding**

- This competitive AGF will make multiple grant awards totaling up to \$1.4 million.
- AGF release is expected in early May 2022.
- This AGF process will include an OGR-hosted webinar for potential applicants.
- AGF responses will be due electronically on June 30, 2022.
- Will follow review process similar to one used for last AGF: a review committee with two OGR staff members and at least one outside reviewer (anticipate outside reviewer(s) will be from TRCC membership, but their entity can't have project under consideration), then ETRCC review/vote (on August 2, 2022).
- No Executive-level TRCC member with a project under consideration may vote during the committee's project selection step.
- Projects funded through this AGF are anticipated to start in October 2022 and finish by September 30, 2023. Projects approved for a longer award duration will receive a continuation contract/ISA prior to September 30, 2023, with a start date of October 1, 2023. No project will be approved to run past September 15, 2024.
- OGR expects all entities receiving awards through this AGF process and entering into grant agreements to begin grant-funded services within 90 days of funding access (unless a later service start date is noted in the timeline and task plan of the agreement). Failure to do so may result in termination of the grant award.
- AGF respondents with current Section 405(c) grant awards cannot receive new 405(c) grant awards until their first awards are 30% or more complete at the time of application. Such applicants should consult with OGR prior to applying.
- AGF respondents must show in their applications how they would provide a minimum 20% state-funded match based on the proposed total project cost. (For example, if the total project is \$100,000, OGR will provide up to \$80,000, and a subrecipient must provide at least a \$20,000 match). There is **no** match requirement for projects from applicants under the Executive Office of Public Safety and Security (EOPSS).



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[\(0\) > Executive Office of Public Safety and Security \(/orgs/executive-office-of-public-safety-and-security\) >](#)[Homeland Security Initiatives \(/homeland-sec](#)

# Traffic records

Learn more about Traffic Records efforts by the Office of Grants and Research's Highway Safety Division.

## Traffic Records Coordinating Committee (TRCC) Mission Statement

*"Through the coordinated efforts of its member organizations, provide a forum for the creation, implementation, management and dissemination of accessible, accurate, complete, consistent, integrated, and timely traffic records data to aid decision-makers working to reduce transportation-related fatalities, injuries, and economic loss in Massachusetts."*

The Traffic Records Coordinating Committee of Massachusetts has two levels:

- Executive-Level Traffic Records Coordinating Committee (ETRCC)
- Working-Level Traffic Records Coordinating Committee (WTRCC)

### January 20, 2022 - Draft ETRCC Meeting Minutes and Meeting Materials

[\(/doc/january-20-2022-draft-etrcc-meeting-minutes-and-meeting-materials/download\)](/doc/january-20-2022-draft-etrcc-meeting-minutes-and-meeting-materials/download)

### October 27, 2021 - ETRCC meeting minutes and materials

[\(/doc/october-27-2021-etrcc-meeting-minutes-and-materials/download\)](/doc/october-27-2021-etrcc-meeting-minutes-and-materials/download)

### May 18, 2021 - ETRCC Meeting Minutes and Select Meeting Materials

[\(/doc/may-18-2021-etrcc-meeting-minutes-and-select-meeting-materials/download\)](/doc/may-18-2021-etrcc-meeting-minutes-and-select-meeting-materials/download)

### April 6, 2021 - ETRCC Meeting Minutes and Select Meeting Materials

[\(/doc/april-6-2021-etrcc-meeting-minutes-and-select-meeting-materials/download\)](/doc/april-6-2021-etrcc-meeting-minutes-and-select-meeting-materials/download)

### January 21, 2021 - WTRCC Meeting Agenda and Powerpoint Slides

[\(/doc/january-21-2021-wtrcc-meeting-agenda-and-powerpoint-slides/download\)](/doc/january-21-2021-wtrcc-meeting-agenda-and-powerpoint-slides/download)

### December 14, 2020 - ETRCC Meeting Minutes and Select Meeting Materials

[\(/doc/december-14-2020-etrcc-meeting-minutes-and-select-meeting-materials/download\)](/doc/december-14-2020-etrcc-meeting-minutes-and-select-meeting-materials/download)



**May 18, 2020 - ETRCC Meeting Minutes and Meeting Materials**

(/doc/may-18-2020-etrcc-meeting-minutes-and-meeting-materials/download)

**February 5, 2020 - Draft WTRCC Meeting Minutes and Select Meeting Materials**

(/doc/february-5-2020-draft-wtrcc-meeting-minutes-and-select-meeting-materials/download)

**January 13, 2020 - ETRCC Meeting Minutes and Select Meeting Materials**

(/doc/january-13-2020-etrcc-meeting-minutes-and-select-meeting-materials/download)

**May 10, 2019 - ETRCC Meeting Minutes and Select Meeting Materials**

(/doc/may-10-2019-etrcc-meeting-minutes-and-select-meeting-materials/download)

**May 6, 2019 - WTRCC Meeting Minutes and Select Meeting Materials**

(/doc/may-6-2019-wtrcc-meeting-minutes-and-select-meeting-materials/download)

**January 24, 2019 - WTRCC Meeting Minutes and Meeting Materials**

(/doc/january-24-2019-wtrcc-meeting-minutes-and-meeting-materials/download)

**May 21, 2018 - ETRCC Meeting Minutes and Meeting Materials**

(/doc/may-21-2018-etrcc-meeting-minutes-and-meeting-materials/download)

**May 18, 2018 - WTRCC Meeting Minutes and Meeting Materials**

(/doc/may-18-2018-wtrcc-meeting-minutes-and-meeting-materials/download)

## Additional Resources

MassDOT Crash Portal (<https://apps.impact.dot.state.ma.us/cdp/home>)

Massachusetts Crash Report E-Manual (<https://masscrashreportmanual.com/>)

**DRAFT FFY 2023 Massachusetts Strategic Plan for Traffic Records Improvements**

(<https://www.mass.gov/doc/draft-ffy-2023-massachusetts-strategic-plan-for-traffic-records-improvements/download>)

(PDF 511.89 KB)

**2019 Massachusetts Traffic Records Self-Assessment**

(<https://www.mass.gov/doc/2019-massachusetts-traffic-records-self-assessment/download>) (PDF 261.97 KB)

**2014 Massachusetts Crash Data Audit**

(<https://www.mass.gov/doc/2014-massachusetts-crash-data-audit/download>) (PDF 1.77 MB)

**2019 Utilization of Crash and Medical Data to Reduce Motor Vehicle Crash Severity Findings Report**

(<https://www.mass.gov/doc/2019-utilization-of-crash-and-medical-data-to-reduce-motor-vehicle-crash-severity-findings/download>)

(PDF 1.24 MB)



## Executive-level TRCC Member

### List

current as of 4/27/2022

Organization	Name and Title	Email Addresses	Core System/Role
EOPSS/Undersecretary for Forensic Science and Technology	Kerry Collins, Undersecretary	kerry.collins@mass.gov	Chair
EOPSS/Office of Grants & Research	Jeff Larason, Highway Safety Division Director	jeff.larason@mass.gov	Vice Chair
EOPSS/Massachusetts State Police	Lt. James Concannon (or Major Robert Schumaker or Lt. Vincent Noe)	james.concannon@pol.state.ma.us robert.schumaker@pol.state.ma.us vincent.noel@pol.state.ma.us	State-level Law Enforcement Data Provider
EOPSS/Municipal Police Training Committee	Andrea Nardone, Director of Training	andrea.nardone@mass.gov	Police Training
EOPSS/Department of Criminal Justice	Jamison Gagnon, Commissioner	jamison.r.gagnon@mass.gov	Public Safety Information Services
Information Services	Sonja Singleton, Interim Director	sonja.singleton@dot.state.ma.us	Citation Data System
MassDOT/Merit Rating Board	Neil Boudreau, Assistant Administrator for Traffic and Safety	neil.boudreau@state.ma.us	Major Data User
MassDOT/Highway Division	Mary-Jo Griffin, Director of Vehicle Safety and Compliance	maryjo.griffin@dot.state.ma.us	Crash, Driver, Vehicle Data Systems
MassDOT/Registry of Motor Vehicles	David Mohler, Executive Director (or Bob Frey)	david.mohler@state.ma.us bob.frey@state.ma.us	Roadway Data Systems
MassDOT/Office of Planning	Rebekah Thomas, Director of Injury Prevention and Control (or Jeanne Hathaway)	rebekah.thomas@mass.gov jeanne.hathaway@mass.gov	Injury Data System
MA Department of Public Health/Injury Surveillance Program	Scott Cluett, Director	william.scott.cluett@mass.gov	EMS Data System
MA Department of Public Health/Bureau of Health Care Safety and Quality	Chief Steven Wojnar (or Chief John LeLacheur)	swojnar@dudleypolice.com jlelacheur@beverlyma.gov	Local-level Law Enforcement Data Providers
Massachusetts Chiefs of Police Association	Janet Pierce, Executive Director (or Eric Gemperline)	jpierce@cmrpc.org egemperline@cmrpc.org	Regional Planning Data Providers
Massachusetts Association of Regional Planning Agencies	Chief Justice Jeffrey A. Locke (or Jim Morton)	james.morton@jud.state.ma.us	Adjudication Data System
Administrative Office of the Trial Court	Jake Viola, Deputy Chief Engagement Officer	jacob.viola@mass.gov	Statewide IT
Executive Office of Technology Services and Security			
<b>Non Voting Members</b>			
EOPSS Legal	Arielle Mullaney, Assistant General Counsel	arielle.mullaney@mass.gov	Legal Counsel for ETRCC
National Highway Traffic Safety Administration (NHTSA)	Barbara Rizzuti, Regional Program Manager Kenneth S. Miller, P.E., Deputy Division Administrator	barbara.rizzuti2@dot.gov kenneth.miller@dot.gov	Federal Stakeholder Federal Stakeholders
Federal Highway Administration (FHWA)	Richard Bates, Division Administrator	richard.bates@dot.gov	Federal Stakeholder
Federal Motor Carrier Safety Administration (FMCSA)			





Working-level TRCC Members List	current as of 4/19/22	Organization	Title	Core System/Role
Abbott	Mark	Central Transportation Planning Staff	Traffic Analysis & Design Group Manager	Roadway
Backus	Bertina	MDPH - Division of Clinical Quality Improvement	Epidemiologist	Trauma Registry
Burman	Ed	Wayland Police Department		Local Police
Canney	John	Brookline Police Department	Traffic Officer	Local Police
Card	Paula	Massachusetts State Police/Commercial Vehicle Enforcement	Sergeant	State Police
Cheever	Maria	Boston Police Department		Local Police
Chipman	Brook	Office of Grants & Research/Highway Safety Division	Program Manager	State Traffic Records
Doyle	Jeff	MDPH	EMS for Children	Coordinator
Conard	Richard	MassDOT	Transportation Planner	EMS
DaVeiga	Donna	MassDOT/RMV	Law Enforcement Liaison	Highway Planning
Dion	Derryl	Department of Fire Services	Research Analyst	Crash
Eaton	Deborah	MassDOT/Merit Rating Division	Assistant Director of Operations	Research
Eddings	Marcus	Boston Police Department		Citation
Ficks	Rigely	MDPH-OEMS	MATRIS Manager	Local Police
Fitzgerald	Carol	Massachusetts State Police	Analyst	EMS
Fitzgerald	Thomas	Massachusetts State Police/Commercial Vehicle Enforcement	Lieutenant	State Police
Fitzpatrick	Cole	UMassSafe	UMassSafe Post Doc	State Police
Frey	Bob	MassDOT/Office of Planning		University
Guarino	Raymond	Old Colony Regional Planning Commission	Senior Transportation Planner	Roadway
Hathaway	Jeanne	MDPH	Epidemiologist	Regional Planning
Hines	Kathy	Center for Health Information and Analysis		Injury Surv. Data System
Hobbs	Sylvia	Center for Health Information and Analysis	Manager	Injury Surv. Data System
Hooley	James	Boston EMS	Chief of Department	Injury Surv. Data System
Hume	Beth	MDPH	Project Director	EMS
Inzana	Jennifer	MassDOT		Injury Surv. Data System
Jacob	Kathy	Central Transportation Planning Services	Planner	Crash
Knodler	Mike	UMassSafe	UMass Transportation Center Director,	Roadway
Larason	Jeff	Office of Grants & Research	UMassSafe Director	University
LeLacheur	John	MA Chiefs of Police - Beverly Police Department	Highway Safety Division Director	WRTCC Chair
Lopes	Kevin	MassDOT/Planning	Chief	Local Police
Mailhot	Benjamin	Belmont Police Department	Manager of GIS Services	Roadway
McCarthy	Steven	Massachusetts State Police	Sergeant	Local Police
McCue	Philip	Office of Chief Medical Examiner		State Police
McElroy	Nora	MDPH/Division of Quality Improvement	Data Analyst	Fatality Data
McGill	Michael	MassDOT/Planning		Trauma Registry
				Highway Planning

Krishnan	Sujatha	Central Mass Regional Planning Commission	Transportation Program Manager	Regional Planning
Panacopoulos	Ross	Municipal Police Training Committee		Police Training
Perduyn	Karen	MassDOT/RMV	Crash Data Supervisor	Crash
Peterson	Scott	Central Transportation Planning Staff		Roadway
Polin	Bonnie	MassDOT/Highway Division	Highway Safety Programs Manager	Highway Planning
Riessman	Robin	UMassSafe	Director	University
Salvia	James	Boston EMS	Paramedic/ePCR Project Manager	EMS
Segal	Laura	Boston EMS	Chief of Staff	EMS
Simo	Jose	MassDOT/Planning		Highway Planning
Smith	Steven	Newton Police	Bureau Commander	Local Police
Snow	George	Montachusett Regional Planning Commission	Principal Transportation Planner	Regional Planning
<b>Federal Partners</b>				
Rizzuti	Barbara	National Highway Transportation Safety Administration - Region 1	Regional Program Manager	Federal Stakeholder
Otaluka	Promise	Federal Highway Administration	Operations Engineer	Federal Stakeholder
Poirier	Matthew	Federal Motor Carrier Safety Administration	Highway Safety Specialist	Federal Stakeholder
Pezullo	Michael	Federal Highway Administration	Safety Engineer	Federal Stakeholder

Presentation to the Executive Level Traffic Records Coordinating  
Committee

Wednesday, April 27th, 2022

1:00 - 2:30 p.m.

City of Boston, Boston Police Department

FY 2020 & FY 2021 State Traffic Safety Information Systems Improvement Grant

Presented by:

- ***Deputy Superintendent Christopher Walsh***, Bureau of Administration and Technology (BAT)
- ***Maria Cheevers***, Director, Office of Research and Development (ORD)

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City of Boston, Boston Police Department's  
FY 2020 & 2021 State Traffic Safety Information Systems  
Improvement Initiative

- FY 2020 Grant Awarded August 15, 2020
  - Budget revision requested by EOPSS to take out OT and Administration Fee
  - Challenges surfaced with contracting the remaining funds to Mark43
  - Work-plan and timeline was revised to the fall of 2021, and with that a
  - Timeline extension was requested through the submission of a grant application, through December 31, 2021
- Contract award amount for Mark43 was \$330,000 to:
  - Create the interface between BPD/ Mark43's Record Management System (RMS) and the new QuickCrash Application
  - Collision data would automatically populate into the App's Crash Report, and then
  - Interface with the State's Crash Data System.

2

## Project Benchmark

*To increase the Boston Police Department's crash reporting to the RMV's Crash Data System from an estimated 7% rate as of July 2020 via paper submissions, to a 70% or more rate by December 31, 2021 via an electronic submission process.*

3

## Boston Police Department Crash Reporting – Main Project Goals

- Improvement of reporting Crash Data to the State
- Crashes in Boston Under-reported
  - Paper-based system created inefficiencies
- Project helped to meet two recommendations
  - Improve Interfaces to State crash data system
  - Improve data quality control
- Acceptance rate improvement
  - 7% acceptance rate in July 2020
  - Goal is 70% acceptance rate
  - As of April 15, 2022, acceptance rate was 30%

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## Key Program Deliverables

The COB/BPD worked with the OGR, DCJIS, and the MA RMV on each step of the process to ensure an integrated data reporting system centered on the QuickCrash App; one that would fit seamlessly into the State's crash reporting system.

- Late Fall 2020 COB/BPD, OGR, DCJIS, and RMV had several exchanges to ensure all agreed on the basic technical premise of the project;
- March 2021 Mark43 Crash Report form was accepted by the MA RMV;
- April 2021 the Project Plan and Charter was accepted;

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## Key Program Deliverables


- Between October and November 2021, Mark43 QuickCrash application was deployed on all BPD mobile devices. BPD officers could begin collecting crash data at the scene of collision.
- Between November and December 2021, about 50 BPD Traffic Enforcement Officers were **trained - to train** BPD Officers on to how to use the QuickCrash Application and train other Officers to use the product. In addition:
  - Mark43 posted a video to train officers on how to utilize the App, and
  - The BPD's Office of Multimedia Communications developed a one page instructional handout for all Police Officers

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## Key Program Deliverables

- On December 20th, 2021, the BPD launched the QuickCrash app. State RMV started capturing data to a 'testing environment'
- The testing environment exposed several workflow issues identified by BPD
- The BPD has worked with Mark43 Engineering Team over past several weeks to fix the workflow challenges;
- As of April 15, 2022, the BPD had a 30% compliance rate, as we continue to fix workflow challenges; and
- By June 30, 2022 the BPD will have the capacity to meet and/or exceed our 70% compliance rate, via BPD's QuickCrash App, on a two-way basis with the RMV's Crash Data System through DCJIS

**Project Update:  
Integration and Analysis of Crash, Injury  
Surveillance, and Driver Data**



**Executive Level Traffic Records Coordination Committee Meeting**  
**April 27<sup>th</sup>, 2022**

**Presenter: Jeanne Hathaway, MA** Department of Public Health,  
 Bureau of Community Health and Prevention,  
 Injury Surveillance Program

**Integration and Analysis of Crash, Injury Surveillance, and Driver Data**

## Main Project Goals

1. Link driver records with previously integrated crash-hospital case mix<sup>1</sup> data for fiscal years (FY) 2016-2018
2. Assess driver record data quality, linkage rates, and representativeness of the linked data
3. Analysis of linked driver-crash-hospital case mix data based on input from traffic safety stakeholders
4. Share findings of the analysis of linked driver data with the TRCC and other traffic safety stakeholders

1. Includes hospital discharge, emergency department discharge, and observation stay data

### Progress to Date

- ✓ Linked FY2016-2018 crash-hospital case mix-driver records → Deliverable 1: Linked data sets completed
- ✓ Project benchmark/performance measure met
- ✓ Assessed driver record data quality, linkage rates, and representativeness of the linked data → Deliverable 2 completed: Summary of assessment findings
- ✓ Provided RMV with limited driver data dictionary
- Analysis of linked driver-crash-hospital case mix data → Developed analysis plan; developed alcohol/drug use indicators for newer hospital data (ICD-10-CM codes); updated OUI violation codes; analysis in progress

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### Traffic Records Assessment Recommendations Addressed

#### Unmet recommendation addressed:

Data use & integration recommendation to improve the traffic records systems capacity to integrate data that reflects best practices in the *Traffic Records Program Assessment Advisory*

#### Assessment question addressed that did not meet the Advisory ideal:

Q320 – Integration of driver data with crash data for specific analytical purposes

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### Traffic Records Assessment Recommendations Addressed (cont.)

Assessment questions addressed that only partially met the Advisory ideal:

- Q325 – Data integration among crash and two or more other component systems
- Q326 – Integration of data from traffic records component systems – other than crash – for specific analytic purposes
- Q327 – For integrated datasets, decision-makers access to resources – skilled personnel and user-friendly access tools – for use and analysis

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### Benchmark and Performance Measure

**Benchmark and performance measure:**

To improve the accessibility and integration of the crash, driver, and injury surveillance/EMS systems, increase the number of MA driver records integrated with MA crash and hospital case mix data from 38,000 as of 7/1/21 to 152,000 by 9/30/22.

✓ **Completed:** As of Feb. 2022, we integrated 153,024 MA driver records with MA crash and hospital case mix data.

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**Integration and Analysis of Crash, Injury Surveillance, and Driver Data**

**MA Crash-Related Injury Surveillance System (MA CRISS) Team  
Massachusetts Department of Public Health**

**Bekah Thomas**, Director, Injury Prevention and Control Program  
[Rebekah.Thomas@mass.gov](mailto:Rebekah.Thomas@mass.gov)

**Sam Riley**, Epidemiologist II, Injury Surveillance Program  
[Samatha.Riley@mass.gov](mailto:Samatha.Riley@mass.gov)

**Jeanne Hathaway**, Epidemiologist I, Injury Surveillance Program  
[Jeanne.Hathaway@mass.gov](mailto:Jeanne.Hathaway@mass.gov)

**Aynsley Chaneco**, Communications Specialist, Injury Prevention and Control Program  
[Aynsley.Chaneco@mass.gov](mailto:Aynsley.Chaneco@mass.gov)

**Max Rasbold-Gabbard**, Policy Coordinator, Injury Prevention and Control Program  
[Max.Rasbold-Gabbard@mass.gov](mailto:Max.Rasbold-Gabbard@mass.gov)

**Alexandria Papadimoulis**, Training Coordinator, Injury Prevention and Control Program  
[Alexandria.Papadimoulis@mass.gov](mailto:Alexandria.Papadimoulis@mass.gov)

## Presentation for ETRCC Chair Kerry Collins

Wednesday, April 27, 2022

1:00 – 2:30

### Presentation:

- 5 minutes with 3-4 minutes Q & A
  - Amount awarded: \$119,206.
  - Project period: March 21 – September 30, 2022

- What is the main project goal?

*This project will work towards improving the accessibility of citation data held by the MassDOT/Registry of Motor Vehicles/Merit Rating Board (MRB) for those in the highway safety, law enforcement, public health, research, and transportation fields as well as the public. The greater accessibility to this data will assist planning efforts of these stakeholders to reduce traffic crashes and resulting fatalities, injuries, and economic loss in Massachusetts.*

*The work done via our ISA with EOPSS will be the first phase of an expected two-phase project to ultimately create a public-facing, cloud-based internet portal for Massachusetts citation data hosted by the MRB. The proposed public Internet portal would make available select citation data in both summary and detail format.*

- What is/are the deliverable(s)?

*- Assess with citation data managers and key users their current and future data uses and needs as well as content and functionality requirements for the proposed portal; produce a report on the findings for OGR by 6/30/22. OGR will share this report with TRCC members.*

*- Documentation of business and system requirements to undertake phase two of project; develop project scope, budget, and timeline and related procurement document by 9/30/22. OGR will receive copies of these documents on or about 10/15/22.*

*- Improve the data dictionary for the citation data system by the inclusion of citation/violation descriptions by 9/30/22. OGR will receive a copy of this updated data dictionary on or about 10/15/22.*

- What data systems are being impacted?

*- Citation database*

- Unmet recommendation from 2019 Assessment?

- *This project will help to address in part the recommendation to improve the data dictionary for the citation system in the 2019 Massachusetts Traffic Records Program.*

- *As part of phase one, MRB will improve the data dictionary for the citation data system by the inclusion of citation/violation descriptions.*

- Attribute being addressed.

- *Accessibility*

- Progress made to date.

- *Have set up internal processes to manage reporting requirements*

- *Have preliminary draft of stakeholder questions and contacts*

- *Have scheduled weekly Teams meetings to continually update task list and monitor activity on project*