

Annual HMA Meeting



December 3, 2020
GoToMeeting

Introductions

Quality Assurance

- Mark Brum

Mark.Brum@dot.state.ma.us

- Nick Antoniadis – State QA Engineer
- Maggie McDonald

Maggie.McDonald@dot.state.ma.us

- MassDOT Hot Mix Asphalt
massdothma@dot.state.ma.us

Preferred

Introductions

Pavement Management

- Ed Naras

Laboratory

- Bryan Engstrom – Binder Lab Supervisor
- Larry Andrews – HMA Lab Supervisor



WELCOME TO
MARY GRIECO!!!
Director of RESEARCH
& MATERIALS

Introductions

District Materials

- John Bianco District 1 DME
- Jiang (John) Liang District 1 DQE
- Amy Bisbee District 2 DME
- Eric Grady District 2 DQE
- Tom Kwiatkowski District 3 DME
- Bill Walker District 3 DQE
- Albert Kwok District 4 DME
- Paul Matthews District 4 DQE
- Jason Lema District 5 DME
- Matt Sukeforth District 5 DQE
- Mike Leonard District 6 Acting DME

COVID-19

- 2020
- Plan for 2021
- Please continue to follow MassDOT COVID protocols.

HMA Round Robin

- A. All labs intending to do MassDOT work must participate in the NETTCP/CAP Lab HMA round robin.
- B. Results must be submitted to CAP Lab by February 5th, 2021.
- C. Lab inspection will not be performed until PSP results have been submitted to CAP Lab.

Plant and Lab Inspections

- A. Review and update QSM.
- B. MassDOT HMA LQP Inspection Checklist.
- C. In-person inspections for 2021.

Independent Assurance Program

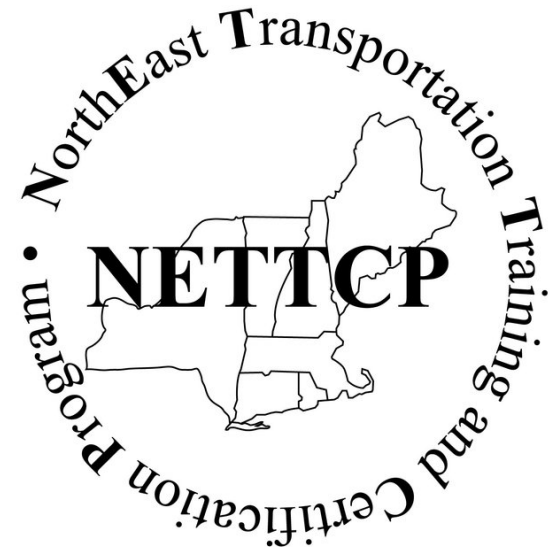
- A. Contact RMS if all technicians in the lab/field have not been IA'd in 2020 or if IAs have not been closed.

Daniel.R.Stomski@dot.state.ma.us

- B. Send list of staff for 2021 IAs by March 1st, 2021.

NETTCP Certifications

- Issues with certifications?
- Recertifications?



STCC Apprenticeship Program



Mix Design Workbook

- A. Use the latest workbook when submitting new LTMFs.
- B. Completely fill out the workbook before submitting for review.
- C. DMF submittal process.
 - Need to update current workbooks to the newest version.

Search

+ New

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HMA Home

HMA Producers

Suppliers

Reference Documents

HMA Summary

Site Contents









Edit

Reference Documents



2020 HMA Workbook - Rev. 8.xl...
August 17

Revision 11 to start 2021


	Name	Modified	Modified By	Comments	+ Add column
	2020 Emulsified Asphalt QC Plan Checklist....	October 9, 2019	McDonald, Maggie (DOT)		
	2020 HMA Workbook - Rev. 8.xlsm	August 17	McDonald, Maggie (DOT)	- Major update. Please see updates listed in Instructions tab.	
	2020 PGAB QC Plan Checklist.pdf	January 17	McDonald, Maggie (DOT)		
	2020 QSM Checklist.pdf	October 22, 2019	McDonald, Maggie (DOT)		
	COVID-19---MassDOT-HMA-and-PCC-Guid...	April 17	Brum, Mark J. (DOT)		
	HMA-and-PCC-Guidelines-Letter---2020-0...	March 25	Brum, Mark J. (DOT)		
	Hot-Mix-Asphalt-Producers-Approval-Ext...	March 25	Brum, Mark J. (DOT)		
	Section M3 - Standard Specification 2020.pdf	January 13	Brum, Mark J. (DOT)		



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Section 460 / Municipal HMA


- A. All 460 recipe JMFs submitted will state that they are only approved for projects that were bid before 12/31/2020.
- B. Have informed MassDOT state aid engineers that new 460 and M3 should now be followed in order to meet Chapter 90 requirements.


Qualified Construction Materials List


 Menu

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 State Organizations

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 Mass.gov

SEARCH 

<https://www.mass.gov/service-details/qualified-construction-materials-list>

Qualified Construction Materials List

The following are lists of qualified products for use on MassDOT Highway Division construction contracts.

The Research & Materials Section compiled these lists of products. We frequently make additions and deletions to the lists and they are intended for informational use only. Please see note below.

If you have any questions, you may e-mail MassdotQCML@dot.state.ma.us.

Qualified materials list

- [Adhesive Anchors](#)
- [Asphalt Emulsions](#)
- [Asphalt Release Agents](#)
- [Bonding Agents](#)
- [Cast Iron Frame and Grate or Cover](#)
- [Cement Concrete Producers and Fabricators](#)

RELATED

[Submit a product for review →](#)

[Products not qualified by MassDOT →](#)

[Qualified Traffic Control Equipment →](#)

[Approved Fabricators →](#)

Qualified Construction Materials List

A. Locations

- Asphalt Emulsion Suppliers
- [Hot Mix Asphalt Production Facilities](#)
- PG Asphalt Binder Suppliers

B. Materials

- Asphalt Release Agents
- Hot Poured Joint Sealer & Hot Applied Asphaltic Crack Sealer
- Liquid Anti-strip
- WMA Additives

Qualified Construction Materials List

WMA Additives

- Mix designs are approved using the WMA additive.
- Starting in 2020 WMA additives are required to be AASHTO NTPEP evaluated.
- Please communicate with your WMA distributor to make sure the product is approved.

Tack Coat Tracking

Tracking, once again, was brought up as an issue.



Tack Coat Tracking

A. MassDOT / MAAPA need to work together to find a solution.

- Better sweeping during milling?
- Longer cure times for tack?
- Offsetting paving train?
- “Trackless” tack?

B. Working with UMass to implement tack coat adhesion test method.

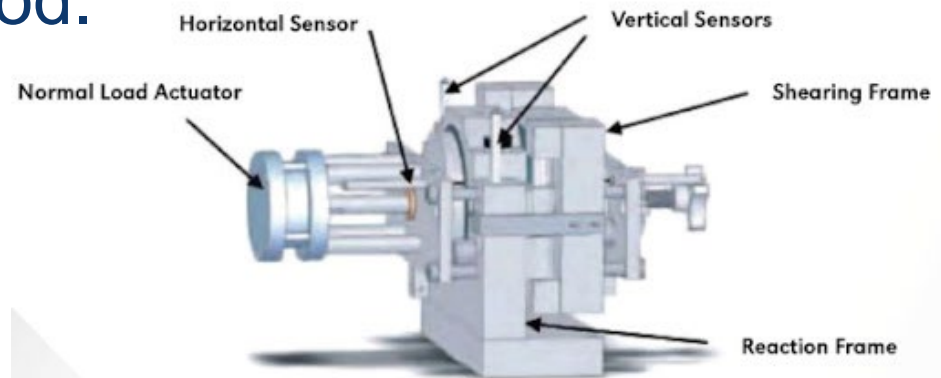


Figure 1: Louisiana Interlayer Shear Strength Tester

Research

A. RAP study – completed

- Pilot project in 2021

B. BMD ISA – on-going

- Testing is still on going.
- Performance testing incorporated into some special provisions

C. ARGG vs. PMA Thin Lifts – beginning

- Might look to use SMA as comparable mix to ARGG.

Research

UMass Dartmouth Presentation

eTicketing

FHWA EDC-6

- **Benefits**

- **Safety.** enhances data collection while reducing exposure to adjacent vehicular traffic and construction equipment for inspectors and work crews while retrieving paper tickets.
 - **Time Savings.** Real-time access, via electronic handling of tickets, reduces processing time for quality assurance and payment, decreasing the inherent delays in paper-based project administration.
 - **Quality.** Project documentation is more consistent and efficient. Standardized data enables archiving for future reference, leading to improved design, construction, maintenance, and operations.
-
- https://www.fhwa.dot.gov/innovation/everydaycounts/edc_6/eticketing.cfm
 - <https://theasphaltpro.com/articles/dotslip-enbles-e-ticketing/>

eTicketing

A. Who currently uses eTicket?

- What platform are you using?

B. Who is looking into eTicketing for 2021?

LIMMS System Update

Looking to have QC start using LIMMS to record testing of HMA samples.

Open Forum and Questions

Issues

- Production?
- Paving?
- Testing?
- Specifications?

