Massachusetts Cooperative Research Program

MCRP

How does MCRP assist the Massachusetts Department of Transportation

MassDOT
Massachusetts Cooperative Research Program

What is the Massachusetts Cooperative Research Program?

- MCRP is an applied research program aimed at finding solutions to research needs.

- MCRP is carried out under an Interdepartmental Service Agreement (ISA) between MassDOT and the University of Massachusetts at Amherst (UMass-Amherst).

- MCRP is housed within the University of Massachusetts Transportation Center at Amherst.
UMass Amherst

Massachusetts Cooperative Research Program

UMTC Organizational Chart

UNIVERSITY OF MASSACHUSETTS TRANSPORTATION CENTER

UMass Transportation Center
  Michael Knodler
  Director

UMassDART
  Michael Knodler
  Director

New England University Transportation Center
  Paul Shulinder
  Principal Investigator
  John Collins
  Associate Investigator

UMASS/DART
  Michael Knodler
  Director

Robin Resman
  Associate Director

Jane Gazzelle
  Assistant Researcher

Kathryn Sier
  Assistant Researcher

UMTC

Organizational Chart

ACRP
  Melissa Paschall
  Program Manager
  Germaine Baro-Montes
  Program Coordinator
  Cindy Schoedig
  Training Coordinator
  Kathleen Donnelly
  Workshop Coordinator
  Mathieu Farr
  Grant Administrator

LIAP
  Chris Ahmadjian
  Principal Investigator
  Program Manager
  Aldo Villani
  Graphic Arts Technician

MTAP
  Chris Ahmadjian
  Principal Investigator
  Program Manager

MEP
  Karen Dodge
  Program Coordinator

Kristina Stoney
  UMTC, Administrative Manager

Open Position
  UMTC, Beekeeper
What is the focus of the Massachusetts Cooperative Research Program?

- MCRP provides research support to the MassDOT Transportation Research.
- MCRP facilitates outreach to potential researchers in the Commonwealth’s higher education system (UMass-Amherst, Boston, Dartmouth, Lowell, Bridge Water State, Salem State, etc.), and provides research guidance, assistance, and support to the researchers.
- MCRP delivers literature searches, whitepapers, and research management oversight.
- MCRP’s activities range from support services for technology transfer to relatively large-scale multi-year research projects on complex problems.
Research Project Development Process

Life cycle of a research project

Research Need → Problem Statement → Proposal → Project
How do we define a research need?

- A research need is a gap in knowledge or practice, an issue, or a problem that the organization is facing which scientific inquiry and investigation may solve. Within MassDOT, research needs arise from technical problems and issues related to the Commonwealth's surface transportation system. Current research activities address issues in the areas of policy, management, safety, environment, planning, engineering, constructions, operations, and maintenance relative to the Commonwealth's responsibilities for the state highway, public transportation and inter-modal transportation systems.
Working with MCRP

- Assistance with research project proposal, scope development, and budget estimation.

- Guidance on Office of Grants & Contracts Administration (OGCA)/MassDOT proposal and deliverables process.

- Technical and editorial direction with Final Reports and deliverables submission.
  - Templates
  - 508 Compliancy requirements and guidance
Contact Information

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