

CIA TEAM

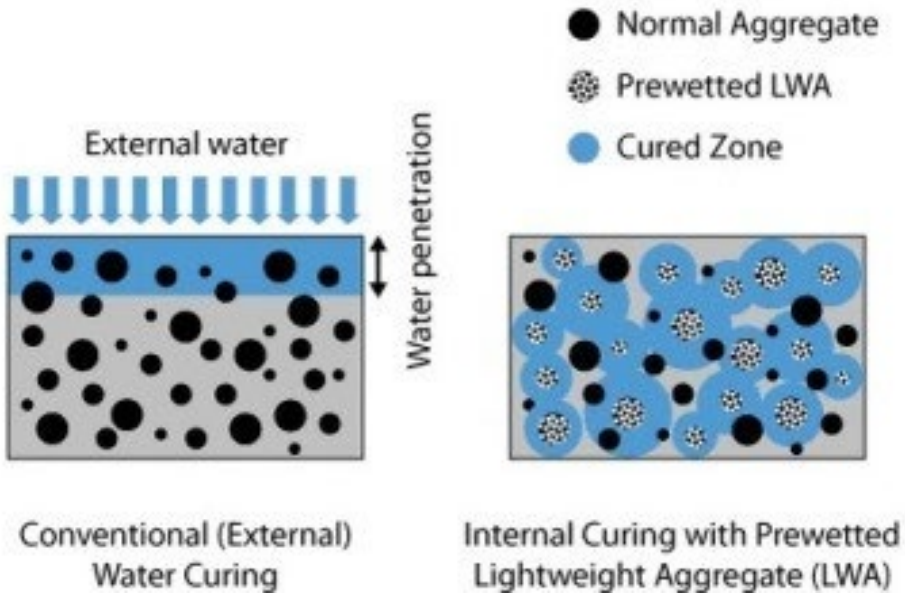
**INFRASTRUCTURE
PRESERVATION**

NJDOT – Shivani Patel

FHWA – Nunzio Merla

EDC-7

Enhancing Performance with Internally Cured Concrete (EPIC²)



Purpose:

To implement the use of internally cured concrete to reduce shrinkage cracking and achieve long-term performance in concrete bridges, roads and repairs.

Benefits:

- Improved structural longevity
- Compatible with current concrete practice
- Economical solution
- Reduction in curing time
- Reduced embodied carbon

Status:

- Team assembled (NJDOT and FHWA)
- Submitted Baseline Report
- Held meeting to discuss responsibilities
- Working on implementation plan activities





EDC-7

Environmental Product Declarations (EPDs) for Sustainable Project Delivery

Purpose:

To identify and understand the environmental impacts from resource use, energy, and emissions in construction and consider alternatives using third party verified reports.

Benefits:

- Sustainable procurement
- Sustainable design
- Guided decision-making

Status:

- Change in Core Innovation Area
- Submitted Baseline Report
- In the process of developing a team

