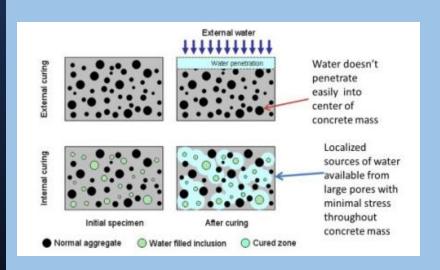
# CIATEAM INFRASTRUCTURE PRESERVATION

NJDOT – Shivani Patel

FHWA – Nunzio Merla

# CIA Team Infrastructure Preservation

Shivani Patel-NJDOT Nunzio Merla-FHWA Christopher Paige-FHWA





#### Purpose:

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



## Status:

 Draft HPIC Specifications circulated for review; comments received







### Status:

 Incorporating HPIC specifications into special provisions of 1<sup>st</sup> pilot project





# **Next Quarter:**

Finalize the Specifications



- Communicate with concrete suppliers
- Communicate with project designers







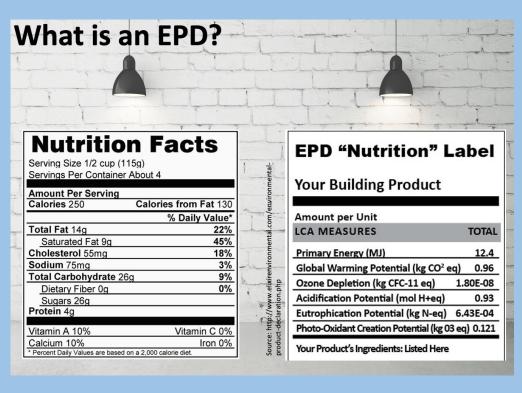
# **UPDATE on EDC-6 UHPC Innovation**



- The UHPC Overlay Performance Evaluation Program second testing conducted:
- ►I-295 NB & US 130 NB over Mantua Creek in Gloucester County
- ➤NJ 159 WB over Passaic River in Morris County
- Analysis complete and results are favorable
- NJDOT's UHPC overlay pilot projects selected for presentation at the 2024 National Bridge Preservation Partnership Conference

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.

# THE STATE OF NEW JEHR

EDC-7
Environmental
Product
Declarations
(EPDs) for
Sustainable
Project Delivery

### **Status:**

 Participating in FHWA Climate Challenge grant projects which involve use of EPDs





# THE STATE OF NEW JERGY

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Declarations
(EPDs) for
Sustainable
Project Delivery



### **Status:**

 FHWA Climate Challenge Team provided training to NJDOT staff





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Product
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(EPDs) for
Sustainable
Project Delivery



# **Next Quarter:**

- Continue working on phase 1 efforts
- Work on project tasks related to FHWA's Climate Challenge

