

CIA TEAM

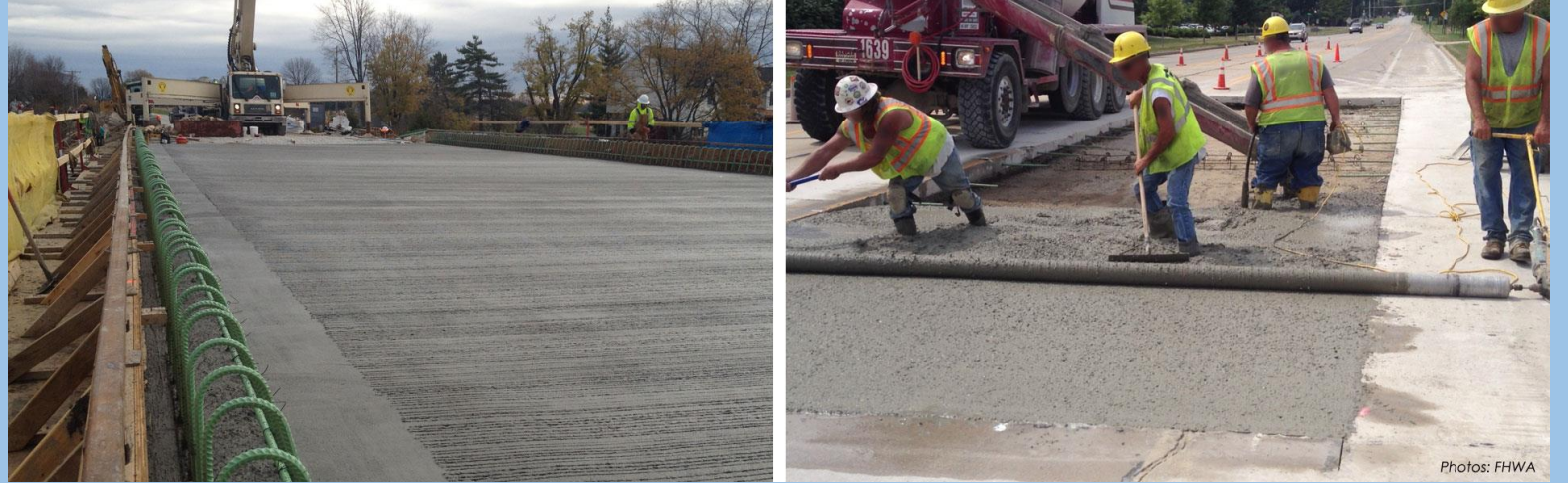
**INFRASTRUCTURE
PRESERVATION**

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.



EDC-7 Enhancing Performance with Internally Cured Concrete (EPIC²)

Status:

- Special provisions for EPIC2 drafted





EDC-7

Enhancing Performance with Internally Cured Concrete (EPIC²)

Status:

- Candidate bridges selected





EDC-7 Enhancing Performance with Internally Cured Concrete (EPIC²)

Status:

- CPM coordination meeting held

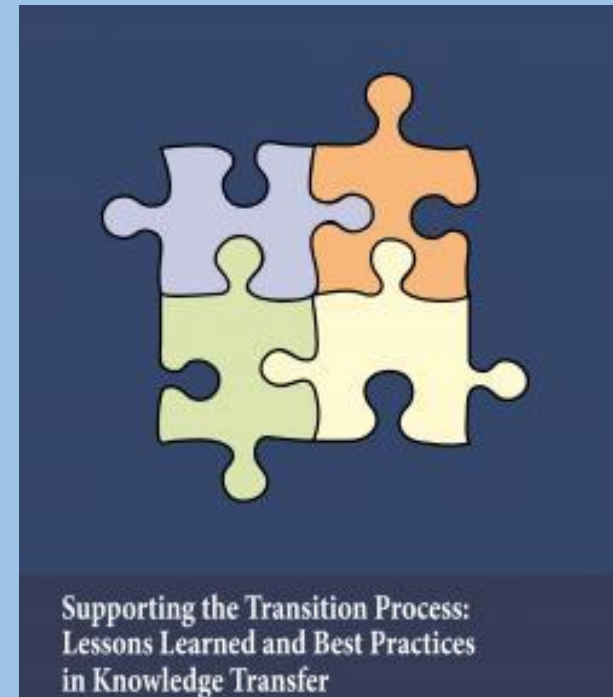




EDC-7 Enhancing Performance with Internally Cured Concrete (EPIC²)

Status:

- Reached out to several state DOTs





EDC-7
Enhancing
Performance
with Internally
Cured Concrete
(EPIC²)

Next Quarter:

- Contact & meet concrete suppliers
- Communicate with project designers

**COMING
SOON**

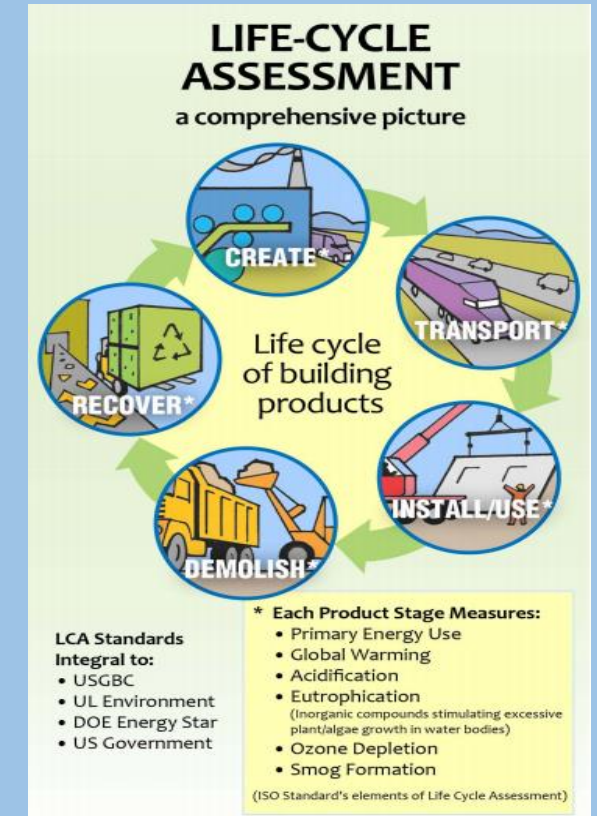


EDC-7 Environmental Product Declarations (EPDs) for Sustainable Project Delivery



Purpose:

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





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



Status:

- Established SME team and held kick-off meeting





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

Status:

- Participated in FHWA EPD training session and EPDs Community of Knowledge Quarterly Meeting

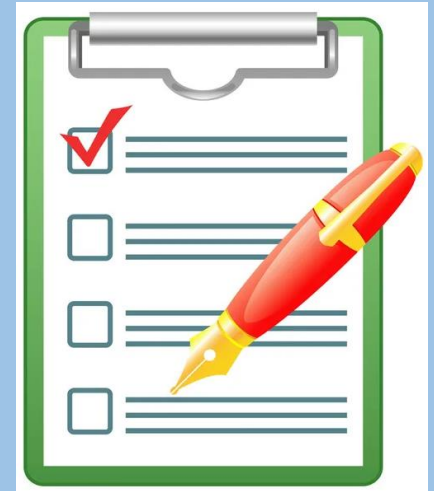




EDC-7
Environmental
Product
Declarations
(EPDs) for
Sustainable
Project Delivery

Next Quarter:

- Finalize work plan
- Reach out to state agencies for guidance
- Begin process to identify pilot projects



Announcement

- The Bureau of Structural Engineering, New Technologies & Products Unit to host HNTB training related to EDC-6 UHPC Innovation-“*Recent Advancements for the use of UHPC in Infrastructure Applications*” on October 13, 2023, for NJDOT staff.
- Training will be held in-person (NJDOT MPR) and via MS Teams
- Registration is required





Questions?