**AID-PT Goal Area I** – The deployment of new, cost-effective designs, materials, recycled materials, and practices to extend the pavement life and performance and to improve user satisfaction;

*Recent Deliverables:*
- Tech Brief - *Use Of Recycled Concrete Aggregate In Concrete Paving Mixtures*

*In progress:*
- Tech Brief - *Construction Byproducts Use in Concrete Paving Mixtures*
- Tech Brief - *Use of Industrial Waste Byproducts in Concrete Paving Mixtures*
- Tech Brief - *Foundations Design*
- Workshop at the 13th ISCP (Minneapolis, Aug 2024) on *Foundations Design for Concrete Pavements*
- Tech Brief - *Overview of LC3 & Other Blended Cements*
- Tech Brief - *Alternative SCMs*
- Case Studies - *Long Lasting Pavements built using PLCs*

**AID-PT Goal Area II** – The reduction of initial costs and lifecycle costs of pavements, including the costs of new construction, replacement, maintenance, and rehabilitation;

*Recent Deliverables:*
- Guide – *Reducing the Cradle-to-Gate Embodied Carbon Emissions of Paving Concrete*
- Summary report and AASHTO Update – *Precision and Bias for SAM*
- Summary Report and AASHTO Update – *Precision and Bias for Resistivity*

*In progress:*
- Guide and Case Studies – *How-to Concrete Pavement Guide for Non-State Agencies*
- Tech Brief – *Resilience Strategies: Challenges and Case Studies on Changes*
- Tech Brief - *QC Plans for Concrete Paving*
- Tech Brief - *QC for Concrete Paving with PEM*
- Tech Brief - *QC Tools for Concrete Paving*
- Tech Brief - *Agency Approaches to QC for Concrete Paving*
- Tech Brief – *CaOXY Evaluation for Concrete*
- Summary Report – *PEM Model Specification Language*
- Summary Report – *Carbon Footprint Evolution*
- Summary Report – *Dedicated Truck Corridors: Pavement and Materials Impacts*

**AID-PT Goal Area III** – The deployment of accelerated construction techniques to increase safety and reduce construction time and traffic disruption and congestion;

*Recent Deliverables:*
- Guide – *Concrete Pavement Preservation*
- Guide – *Concrete Overlays of Asphalt Parking Lots*
- Guide – *Concrete Overlays (4th Ed.)*
- Tech Brief - *Performance History of Concrete Overlays*

*In progress:*
- Tech Brief - *Concrete Overlay Repair Strategies*
**AID-PT Goal Area IV** – The deployment of engineering design criteria and specifications for new and efficient practices, products, and materials for use in highway pavements;

**Recent Deliverables:**
- CPM-TFG – Stakeholder meeting in Minneapolis (June 2023), and Shrinkage Summit (Aug 2023)
- Video - *Reclaimed Fly Ash in Highway Infrastructure*
- Video – *Concrete Overlays*

**In Progress:**
- CPM-TFG – R101 Working Group (July 2024), and TBD (Sep 2023)

**AID-PT Goal Area V** – The deployment of new nondestructive and real-time pavement evaluation technologies and construction techniques;

**Recent Deliverables:**
- Tech Brief - *Optimizing Concrete Pavement Opening to Traffic*
- Case Studies (9) – *TOPS Concrete Overlay Case Studies*
- AASHTO Test Method - *Estimating the Early Opening Strength of Concrete Pavements by Maturity*

**In progress:**
- Software – *Spreadsheet Companion to New AASHTO Maturity Test Method*
- Tech Brief & Case Studies – *Maintenance of Traffic Strategies to Reduce Carbon Footprint*
- Case Study – *Accelerated Concrete Overlay Construction Methods (Iowa Hwy 3)*

**AID-PT Goal Area VI** – Effective tech transfer and information dissemination to accelerate implementation of new technologies and to improve life, performance, cost effectiveness, safety, and user satisfaction;

**In Progress:**
- Software – *Pavement Cracking Analysis Software Tool (PCAST)*
- Construction Reports (6) – *Real Time Smoothness Demo Projects*
- Evaluation report – *Instant Air Meter (IAM) Air Void Measurement Device Evaluation*

**Low Carbon Transportation Materials (LCTM) Support**

**Recent Deliverables:**
- Website – *Reduced Carbon Concrete Webpage* with curated resources related to reduced carbon concrete pavements

**In Progress:**
- Specification – *Model Special Provisions to Accommodate Low Carbon Concrete*
- Tech Brief - *How Adopting PEM Can Support LCTM*
- Case Study - *Case Studies in Reduced Carbon Concrete Mixtures for Paving*
- Video - *Informational Video on the LCTM Process for Concrete Mixtures*