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PROJECT OVERVIEW REPORT

1. UTC Identifying Number
   69A3551847102

2. Center Identifying Number
   CAIT-UTC-REG80

3. Project Title
   Full-scale “Living Pavement Testbed” for Testing and Evaluation of Sustainable Pavement

4. Principal Investigator & Contact Information
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5. Rutgers/CAIT Project Manager
   Patrick Szary, Ph.D.

6. Customer Principal
   Robert Blight, Executive Director
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   New Jersey Department of Transportation
   Trenton, NJ 08625

7. Project Description
   In this proposed study, proven pavement preservation treatments are proposed to be re-engineered using innovative materials that can better withstand the environmental and traffic loading conditions of the future. In addition, recycled materials are proposed to be introduced to help reduce the carbon footprint of the pavement preservation treatments. It is anticipated that new and innovative approaches to material collection and performance testing will be developed as these practices currently do not exist for pavement preservation materials.

8. Implementation of Research Outcomes (or why not implemented)
   The intended outcome of the project is the development of new sampling practices, specimen molding and fixtures, as well as test procedures for the improvement of the life cycle of the pavement and structure.

9. Impacts/Benefits of Implementation (actual, not anticipated)
   To Be Determined

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10. Dates and Budget
    Start date: 4/1/2024
    End date: 4/30/2025
    UTC (CAIT) Dollars: $346,490
    Cost Sharing: $0
    Total Dollars: $346,490

11. Keywords
    Pavement Preservation, UV resistant, Pavement Friction

12. Web Links (Reports and Project Website)
    https://cait.rutgers.edu/research/rutgers-cait-living-lab-test-bed/