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PROJECT OVERVIEW REPORT

1. UTC Identifying Number
   69A3551847102

2. Center Identifying Number
   CAIT-UTC-REG73

3. Project Title
   Asphalt Viability in Recycled Asphalt Pavement (RAP) Using the Gyratory Compactor

4. Principal Investigator & Contact Information
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5. Rutgers/CAIT Project Manager
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6. Customer Principal
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7. Project Description
   The primary goal of this proposal is to evaluate the viability of asphalt binder in RAP materials using a simplified procedure with the gyratory compactor. The researchers will generate a proposed parameter and recommended thresholds that would allow asphalt mixture suppliers to determine maximum RAP contents based on existing asphalt binder grades, softer binder grades, and recycling agents.

8. Implementation of Research Outcomes (or why not implemented)
   The intended outcome of the project is to provide a quick and accurate means of evaluating recycled asphalt pavement (RAP) that can be utilized back into new asphalt materials.

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

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10. Dates and Budget
    Start date: 12/1/2022
    End date: 11/30/2023
    UTC (CAIT) Dollars: $200,000
    Cost Sharing: $0
    Total Dollars: $200,000

11. Keywords
    Recycled asphalt pavement, asphalt binder viability, asphalt mixture design

12. Web Links (Reports and Project Website)
    https://cait.rutgers.edu/research/asphalt-viability-in-recycled-asphalt-pavement-rap-using-the-gyratory-compactor/