RUTGERS
Center for Advanced Infrastructure and Transportation

PROJECT OVERVIEW REPORT

1. UTC Identifying Number
   69A3551847102

2. Center Identifying Number
   CAIT-UTC-REG61

3. Project Title
   QAD (Quality Assurance Division) Inspection Reporting and State of Good Repair (SGR) Planning

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 main goal of this proposal is to develop a proof of concept (POC) for the Port Authority Engineering Department that will provide key stakeholders with improved access to and visualization of key infrastructure assets information (Wharves, retaining walls and bridges etc.).

8. Implementation of Research Outcomes (or why not implemented)
   The prototype application will provide PANYNJ engineers with a collection of visualization and analysis tools that will enhance and support SGR planning, capital renewal program development, maintenance and operations planning, annual budgeting and asset investment planning. These tools are intended to assemble and leverage existing asset data that may reside in siloed repositories across the agency.

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

10. Dates and Budget
    Start date: 5/15/2021
    End date: 2/28/2022
    UTC (CAIT) Dollars: $60,000
    Cost Sharing: $0
    Total Dollars: $60,000

11. Keywords
    AIP, LCM, Geospatial

12. Web Links (Reports and Project Website)
    https://cait.rutgers.edu/research/qad-quality-assurance-division-inspection-reporting-and-state-of-good-repair-sgr-planning/