

PROJECT OVERVIEW REPORT

1. UTC Identifying Number
69A3551847102
2. Center Identifying Number
CAIT-UTC-REG55
3. Project Title
JFK Cargo View: A system to speed Truck Traffic Flow at JFK Airport
4. Principal Investigator & Contact Information
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7. Project Description
The primary goal of this proposal is to define and document JFK Cargo View requirements, evaluating the options and costs to acquire, develop, and manage the system, exploring potential business models to operate and monetize it, and establishing an implementation plan to develop and deploy it.
8. Implementation of Research Outcomes (or why not implemented)
There is potential that this planning and app definition and prototype land-side truck-cargo simulation model can be used in other airports with similar congestion issues and long truck wait time. This will help the communities in airport areas in reduction of pollution caused by excessive truck wait-time to improve quality of life for residents and workers in the airport.
9. Impacts/Benefits of Implementation (actual, not anticipated)
To Be Determined

10. Dates and Budget

Start date: 3/1/2021

End date: 8/31/2021

UTC (CAIT) Dollars: \$70,000

Cost Sharing (amount by each agency or organization): \$0

Total Dollars: \$70,000

11. Keywords

Truck Movement, Analysis of Cargo Operations, Information Systems View,
Cargo Security, Infrastructure

12. Web Links (Reports and Project Website)

<https://cait.rutgers.edu/research/jfk-cargo-view-a-system-to-speed-truck-traffic-flow-at-jfk-airport/>