Clean Freight Corridors Planning Study

PFAC INTRODUCTION
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Study Team

Leslie Fordjour
Project Manager

Chris Lamm, Consultant
Project Manager
Katie Kirk, Deputy
Project Manager

Benjamin Mandel
NE Regional Director
Alycia Gilde
Senior Director
Fuels & Infrastructure

Nora Madonick
Chief Executive Officer
The objective of this study is to assess opportunities for the development of Clean Freight Corridors in the NYMTC planning area that are integrated within the larger Multi-State Metropolitan Region.

This study will:

- Inventory existing alternative fuel infrastructure in the region;
- Review current and emerging alternative fuel technologies;
- Identify gaps between existing and future alternative fuel infrastructure capacities;
- Analyze goods movement trends and forecasts;
- Identify and define optimal corridors for recommended designations as clean freight corridors and identify needs for the development of additional clean freight infrastructure in each corridor.
NYMTC’s Current Regional Transportation Plan - adopted June 29, 2017

Appendix 8 | Regional Freight Plan 2018-2045

1. Regional Freight Plan Purpose & Desired Freight Outcomes
2. Freight System & Market Overview
3. Identifying & Assessing Needs
4. Improvements & Solutions
5. Implementation Guidance
Study Context

KEY ROADWAY CORRIDORS
Freight Highways by Annual Tonnage
Key Roadway Infrastructure
Scope of Work

Task 1. Project Coordination and Public Information Materials

Task 2. Regional Assessment for Clean Freight Corridors

Task 3. Clean Fuel Technologies Scan and Projections

Task 4. Analyze Trends and Forecasts

Task 5. Assess and identify optimal mix of new clean freight corridors, including public involvement
Task 1
Project Coordination and Public Information Materials

**Project Coordination**
- Project management calls
- SSC and TAC meetings

**Public Information Materials**
- Project overview document
- Graphics/materials for social media describing the project
Task 2
Regional Assessment for Clean Freight Corridors

Identify existing alternative fuel infrastructure and FHWA corridor designations
- EV, hydrogen, natural gas, and propane

Work with TAC and SSC to develop
Regional Assessment of Clean Freight Corridors
- Assessment of existing alternative fuel stations (including compatibility with freight vehicles)
- State-by-state AFC designation status
- Gap analysis for “corridor-pending” areas

US Department of Energy, Alternative Fuels Data Center, Potential Corridor Interactive Map (EV charging): [https://afdc.energy.gov/corridors](https://afdc.energy.gov/corridors)
Task 3
Clean Fuel Technologies Scan and Projections

Conduct clean fuels technology scan and projections

Evaluate alternative fuel technology and infrastructure regulatory landscape

Develop visual gap analysis for alternative fuel infrastructure
  - Will account for infrastructure identified in Task 2 as well as credible in-development projects

Construct geospatial representation of potential new corridor designations

Task 4
Analyze Trends and Forecasts

Review/Refresh commodity flow patterns

Inventory/map existing freight hubs and economic development/opportunity areas

 Identify/map freight corridor and network designations (federal, state and regional)
Task 5
Assess and identify optimal mix of new clean freight corridors, including public involvement

Prepare materials for, and complete, public workshops

Assess and identify optimal mix of new corridors for designation

Define steps needed for developing additional infrastructure
## Schedule

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Thank you!

Leslie Fordjour
NYMTC Project Manager

Leslie.Fordjour@dot.ny.gov