



Clean Freight Corridors Planning Study

PFAC INTRODUCTION

JUNE 4, 2020

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

Study Objective

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

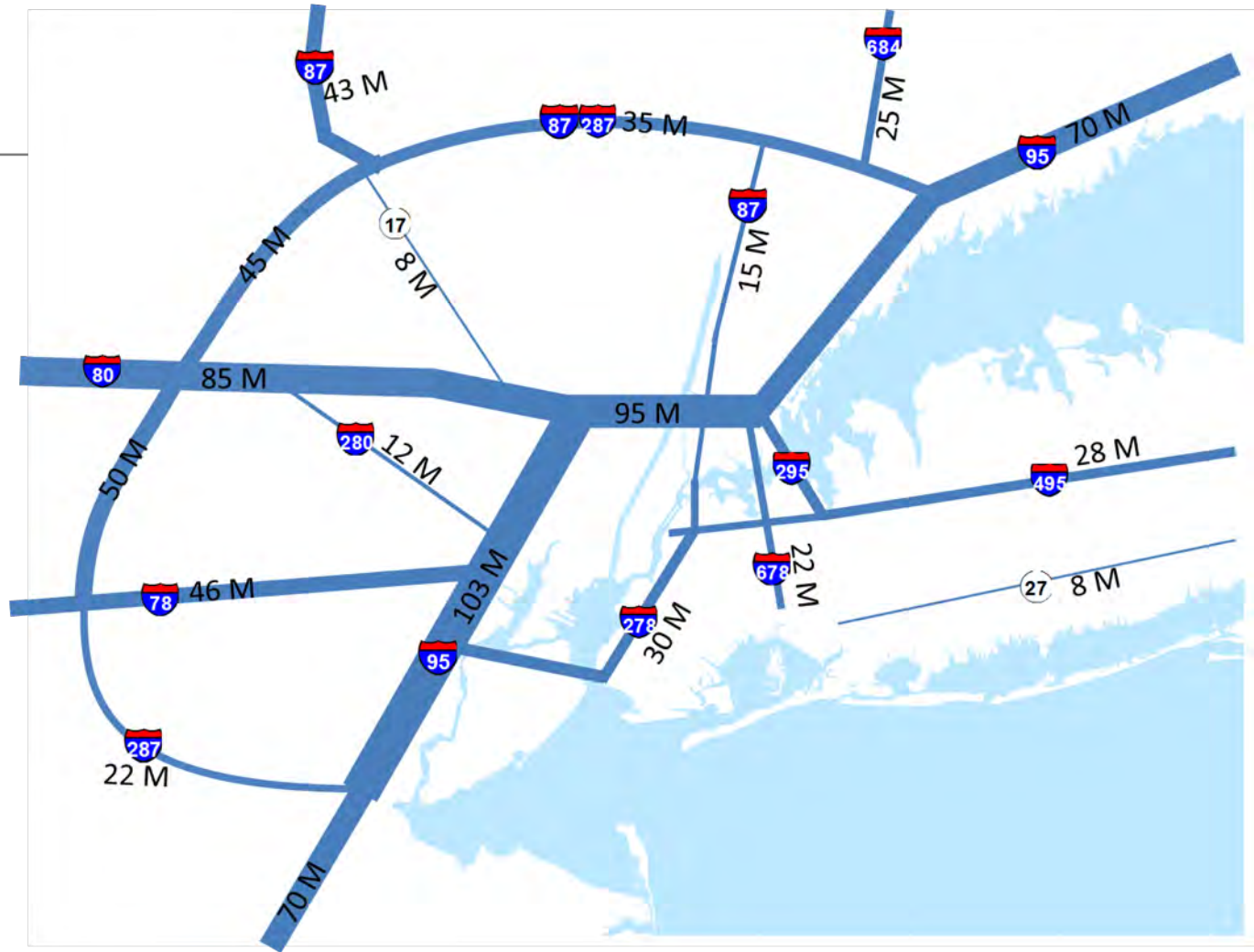
1. Regional Freight Plan Purpose & Desired Freight Outcomes
2. Freight System & Market Overview
3. Identifying & Assessing Needs
4. Improvements & Solutions
5. Implementation Guidance

Study Context

KEY ROADWAY CORRIDORS

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Freight Highways by Annual Tonnage



Key Roadway Infrastructure





Study Team



Steering Committee (PFAC Freight Subcommittee)



Technical Advisory Committee
(Multi-State Freight Working Group)

Industry Stakeholders
Interested Public

Study Organization

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



US Department of Energy, Alternative Fuels Data Center, Potential Corridor Interactive Map (EV charging): <https://afdc.energy.gov/corridors>

Identify existing alternative fuel infrastructure and FHWA corridor designations

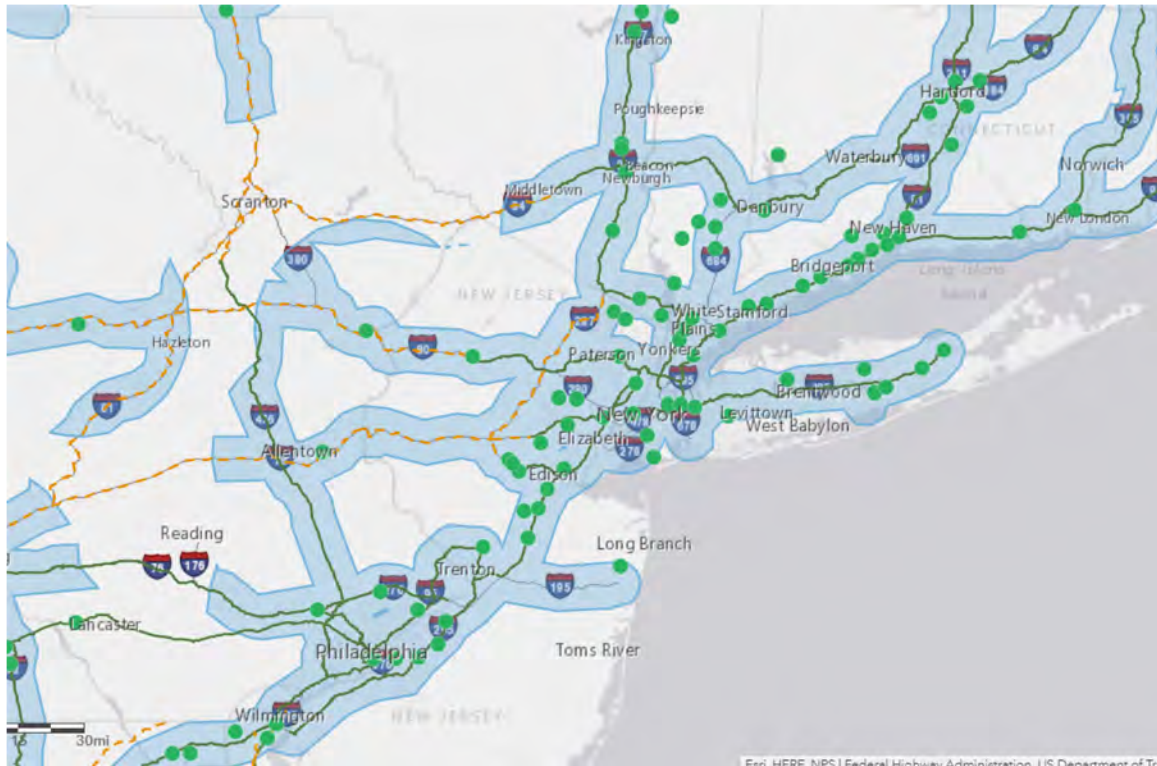
- EV, hydrogen, natural gas, and propane

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

Task 3

Clean Fuel Technologies Scan and Projections



US Department of Energy, Alternative Fuels Data Center, Potential Corridor Interactive Map (EV charging): <https://afdc.energy.gov/corridors>

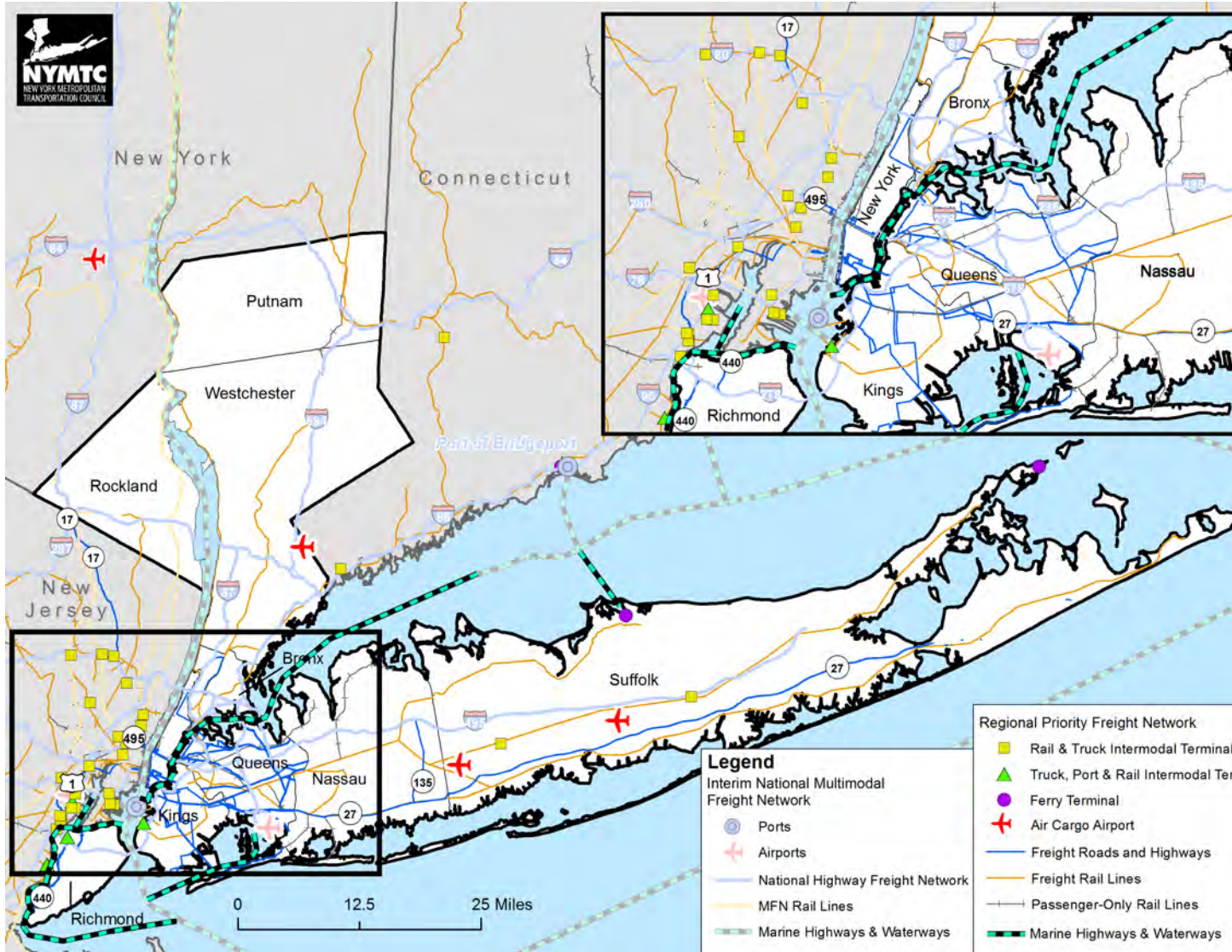
Conduct **clean fuels technology scan** and projections

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)

Zero Emission Corridor Nomination — I-5 & US-101
Part of the West Coast Electric Highway



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

	2020										2021								
	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	
Task 1	●	■	●			●		●		●	●			●		●	●		
Task 2			■	■	■		■	★											
Task 3				■	■	■	■	■	■	★									
Task 4				■	■	■	■		■	★									
Task 5								■	■	■	■	★	■	■	■	■	■	★	

Legend

TAC Meeting



SSC Meetings (Monthly Updates)



SSC Working Meetings



Workshops



Draft Deliverable



Final Deliverable



Q&A

Thank you!

Leslie Fordjour

NYMTC Project Manager

Leslie.Fordjour@dot.ny.gov