

Sawtooth Bridges Replacement Project Environmental Assessment (EA) and Draft Section 4(f) Evaluation



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Sawtooth Bridges Replacement Project Environmental Assessment (EA) and Draft Section 4(f) Evaluation

Prepared by:
Federal Railroad Administration (FRA)

Participating Agency:
New Jersey Transit Corporation (NJ TRANSIT)

Pursuant to:

National Environmental Policy Act (42 USC § 4321 et seq.) and implementing regulations (40 CFR § 1500 et seq., Section 4(f) of the U.S. Department of Transportation Act (49 USC §303), FRA Procedures for Considering Environmental Impacts (64 Federal Register 28545, May 26, 1999); National Historic Preservation Act (54 USC §306101 et seq.) and implementing regulations (36 CFR Part 800); Clean Air Act as amended (42 USC §7401 et seq.) and implementing regulations (40 CFR Parts 51 and 93); the Endangered Species Act of 1973 (16 USC §1531 et seq.) and implementing regulations (50 CFR Part 402); and the Clean Water Act (33 USC §1251 et seq.) and implementing regulations (33 CFR Parts 320 et seq. and 40 CFR Part 230).

Approved:

2/27/2020

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List of Acronyms and Terms

AAI	All Appropriate Inquiries
ACHP	Advisory Council on Historic Preservation
ACM	Asbestos Containing Materials
Amtrak	National Railroad Passenger Corporation
APE	Area of Potential Effect
AQCR	Air Quality Control Region
ARRCS	Administrative Requirement for the Remediation of Contaminated Sites
CAA	Clean Air Act
CAFRA	Coastal Area Facility Review Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERCLIS	CERCLA Information System
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
CIG	Capital Investment Grant
CO	Carbon Monoxide
Conrail	Consolidated Rail Corporation
CPP	Construction Protection Plan
CWA	Clean Water Act
CZM	Coastal Zone Management
CZMA	Federal Coastal Zone Management Act of 1973
DC	District of Columbia
DL&W	Delaware Lackawanna & Western Railroad
DPM	Diesel Particulate Matter
EA	Environmental Assessment
EFH	Essential Fish Habitat
EIS	Environmental Impact Statement
ESA	Endangered Species Act
Essex Freeway	Interstate 280
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
FR	Federal Register
FRA	Federal Railroad Administration
FRA Environmental Procedures	FRA Procedures for Considering Environmental Impacts
FTA	Federal Transit Administration
FWCA	Federal Wildlife Conservation Act
GIS	Geographic Information Systems
HAER	Historic American Engineering Record
HAP	Hazardous Air Pollutant
IPaC	Information for Planning and Conservation
Kearny Plan	Kearny Area Redevelopment Plan
LBP	Lead-Based Paint

LCTG	Linear Construction Technical Guidance
LIRR	Long Island Rail Road
LQG	Large Quantity Generator
LSRP	Licensed Site Remediation Professional
Master Plan	Town of Harrison Master Plan
MHW	Mean High Water
µg/m ³	Micrograms per cubic meter
MMC	Meadowlands Maintenance Complex
MOA	Memorandum of Agreement
MP	Mile Post
mph	Miles per Hour
MSAT	Mobile Source Air Toxics
MSLA	Municipal Sanitary Landfall Authority
MTA	Metropolitan Transportation Authority
NAA	Non-Attainment Area
NAAQS	National Ambient Air Quality Standards
NAVD88	North American Vertical Datum of 1988
NEC	Northeast Corridor
NEPA	National Environmental Policy Act
New Jersey Turnpike	Interstate 95
NHP	Natural Heritage Program
NHPA	National Historic Preservation Act of 1966
NJ TRANSIT	New Jersey Transit Corporation
NJAC	New Jersey Administrative Code
NJDEP	New Jersey Department of Environmental Protection
NJHPO	New Jersey Historic Preservation Office
NJMC	New Jersey Meadowlands Commission
NJSEA	New Jersey Sports and Exposition Authority
NJSM	New Jersey State Museum
NMFS	National Marine Fisheries Service
NO ₂	Nitrogen Dioxide
No _x	Nitrogen Oxides
NOAA	National Oceanic and Atmospheric Association
NPL	National Priorities List
NRHP	National Register of Historic Places
NWI	National Wetland Inventory
O ₃	Ozone
OCS	Overhead Contact System
OSHA	Occupational Safety and Health Administration
PATH	Port Authority Trans-Hudson Corporation
PCB	Polychlorinated biphenyls
Phase 1A	Phase 1A Archaeological Documentary Study
Phase I ESA	Phase I Environmental Site Assessment
PANYNJ	Port Authority of New York and New Jersey
ppm	Parts per million
PM _{2.5}	Fine respirable particulate matter (diameter 2.5 micrometers and smaller)
PM ₁₀	Respirable particulate matter (diameter 10 micrometers and smaller)

Proposed Project	Sawtooth Bridges Replacement Project
PSE&G	Public Service Electric & Gas Company
PTC	Positive Train Control
RCRA	Resource Conservation and Recovery Act
Red Bridge	NJ Transit Br. 0.35
ROD	Record of Decision
ROW	Right-of-way
RTC	Rail Traffic Controller
SHPO	State Historic Preservation Office
Sawtooth Bridges	Amtrak Bridges 7.80 and 7.96
SO ₂	Sulfur Dioxide
SOI	Secretary of the Interior
SIP	State Implementation Plan
SRRA	Site Remediation Reform Act
SVOC	Semi-volatile Organic Compounds
Technical Rules	Technical Requirements for Site Remediation
TSCA	Toxic Substances Control Act
TSP	Total Suspended Particulate Matter
USACE	U.S. Army Corps of Engineers
USC	U.S. Code
USDOJ	U.S. Department of the Interior
USDOT	U.S. Department of Transportation
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
VOC	Volatile Organic Compound
WTC	World Trade Center