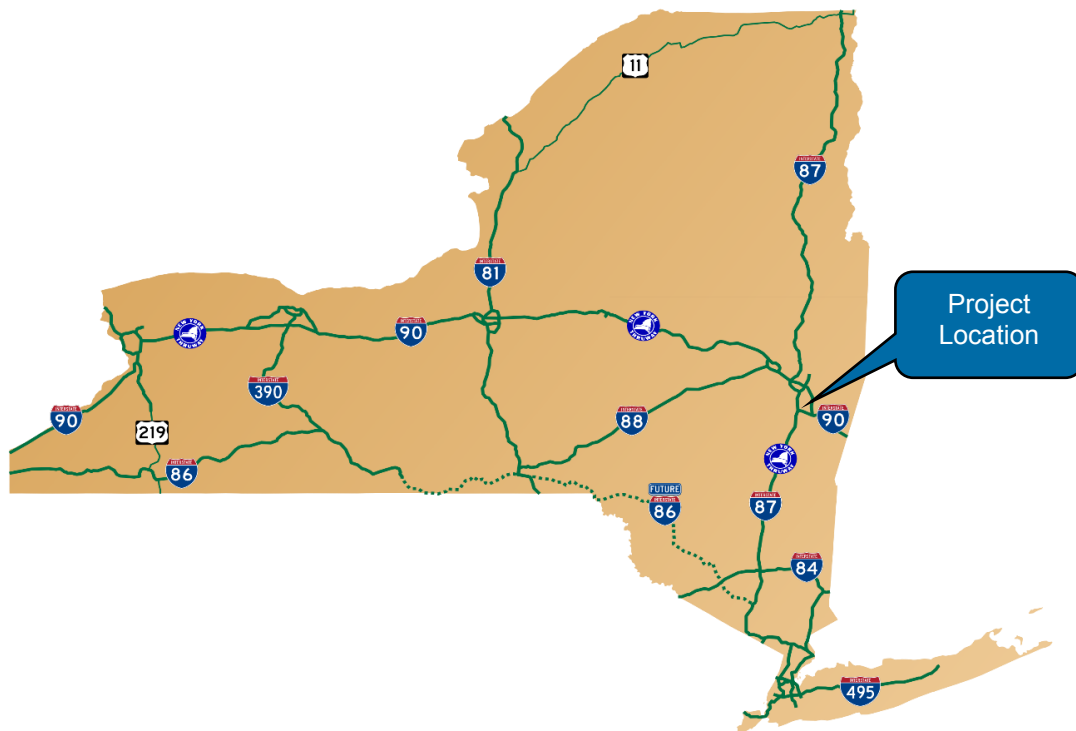


# Transportation Project Report

# Environmental Assessment

Livingston Avenue Bridge Replacement Project  
Project Identification Number (PIN): 1935.49

Bridge Identification Number (BIN): 7092890  
City of Albany, Albany County and City of Rensselaer, Rensselaer County



# Livingston Avenue Bridge Replacement Environmental Assessment and Section 4(f) Evaluation

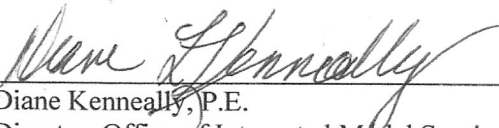
Prepared by:  
Federal Railroad Administration (FRA)

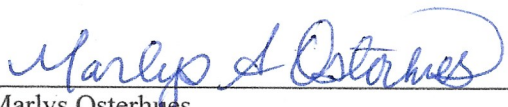
New York State Department of Transportation (NYSDOT)

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).

New York State Environmental Quality Review Act (6 NYCRR Part 617).

  
\_\_\_\_\_  
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\_\_\_\_\_  
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Date: May 4, 2022

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## List of Acronyms

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AASHTO	American Association of State Highway and Transportation Officials
acc/mev	Accidents per million entering vehicles
acc/mvm	Accidents per million vehicle miles
ACHP	Advisory Council on Historic Preservation
ACM	Asbestos-containing materials
ADA	Americans with Disabilities Act
APE	Area of Potential Effects
AREMA	American Railway Engineering and Maintenance-of-Way Association
AST	Above-ground storage tank
ASTM	American Society of Testing and Materials
BID	Business Improvement District
BIN	Bridge Identification Number
BOA	Brownfield Opportunity Area
CDTA	Capital District Transit Authority
CEQ	Council on Environmental Quality
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CFR	Code of Federal Regulations
CMP	New York State Coastal Management Program
CREATE	Chicago Rail Efficiency and Transportation Efficiency
CO	Carbon monoxide
CO <sub>2</sub>	Carbon dioxide
CP	Canadian Pacific
CPP	Construction Protection Plan
CSX	CSX Transportation Inc.
DOI	U.S. Department of the Interior
EA	Environmental Assessment
ECL	New York State Environmental Conservation Law
EDPL	Eminent Domain Procedure Law
EFH	Essential Fish Habitat
EIS	Environmental Impact Statement
ESA	Endangered Species Act
FEIS	Final Environmental Impact Statement
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FIRM	Flood Insurance Rate Map
fps	Feet per second
FRA	Federal Railroad Administration



FTA	Federal Transit Administration
GE	General Electric Company
GHG	Greenhouse gas
GIS	Geographic Information Systems
GWP	Global warming potential
HAER	Historic American Engineering Record
HHS	U.S. Department of Health and Human Services
HRECOS	Hudson River Environmental Conditions Observing System
HSIPR	High-Speed Intercity Passenger Rail
HUD	U.S. Department of Housing
IPaC	USFWS Information, Planning, and Consultation
LWRP	Local Waterfront Revitalization Program
mg/L	Milligrams per liter
MOA	Memorandum of Agreement
mph	Miles per hour
MSDS	Material Safety Data Sheets
MS4	Municipal Separate Stormwater Sewer System
NAAQS	National Ambient Air Quality Standards
NAVD88	North American Vertical Datum of 1988
NEPA	National Environmental Policy Act
NFPA	National Fire Protection Association
NGVD29	National Geodetic Vertical Datum of 1929
NHL	National Historic Landmark
NHPA	National Historic Preservation Act of 1966
NMFS	National Marine Fisheries Service
NO <sub>2</sub>	Nitrogen dioxide
NO <sub>x</sub>	Nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NR	National Register of Historic Places
NRCS	Natural Resources Conservation Service
NWI	National Wetland Inventory
NYCRR	New York Codes, Rules and Regulations
NMFS	National Marine Fisheries Service
NYNHP	New York Natural Heritage Program
NYSDEC	New York State Department of Environmental Conservation
NYSDOS	New York State Department of State
NYSDOT	New York State Department of Transportation
NYSOGS	New York State Office of General Services
OPRHP	New York State Office of Parks, Recreation and Historic Preservation
OSHA	Occupational Safety and Health Administration
PAH	Polycyclic aromatic hydrocarbon
PCBs	Polychlorinated biphenyls
PIN	Project Identification Number
PM	Particulate matter
PM <sub>10</sub>	Respirable particulate matter smaller than 10 micrometers

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PM <sub>2.5</sub>	Fine respirable particulate matter smaller than 2.5 micrometers
ppb	Parts per billion
ppt	Parts per thousand
QCEW	Quarterly Census of Employment and Wages
ROD	Record of Decision
RM	River Mile
SAV	Submerged aquatic vegetation
SEQRA	New York State Environmental Quality Review Act
SHPO	State Historic Preservation Office
SIP	State Implementation Plan
SO <sub>2</sub>	Sulfur dioxide
SPDES	State Pollutant Discharge Elimination System
SSA	Sole source aquifer
STC	Sound Transmission Class
SWPPP	Stormwater Pollution Prevention Plan
TEM	The Environmental Manual
THPO	Tribal Historic Preservation Office
TIP	Transportation Improvement Program
TMDL	Total Maximum Daily Loads
ULSD	Ultra-low-sulfur diesel fuel
USACE	U.S. Army Corps of Engineers
USC	United States Code
USCG	U.S. Coast Guard
USDA	U.S. Department of Agriculture
USDOT	U.S. Department of Transportation
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
UST	Underground storage tank
VOC	Volatile organic compound
µg/m <sup>3</sup>	Microgram per cubic meter