

AADT	annual average daily traffic
AAR	Association of American Railroads
ABS	Automatic Block Signaling
ACHP	Advisory Council on Historic Preservation
ACM	asbestos containing materials
ACPIP	Agency Coordination and Public Involvement Program
AGV	Automated Guided Vehicle
amsl	above mean sea level
APE	Area of Potential Effect
ARRA	American Recovery and Reinvestment Act
AST	aboveground storage tanks
ASTM	American Society for Testing and Materials
B20	Biodiesel blended at a 20 percent level with standard diesel
BAFHD	Best Available Flood Hazard Data
BAT	best available tailpipe
BAT	Brooklyn Army Terminal
BCR	benefit cost ratio
BMP	Best Practice Model
BOCN	Business Outreach Center Network
BPM	Best Practices Model
BQE	Brooklyn-Queens Expressway
BTEX	benzene, toluene, ethylbenzene, and xylene
BTU	british thermal unit
CAA	Clean Air Act
CAFRA	Coastal Area Facility Review Act
CEDS	Comprehensive Economic Development Strategy

**Cross Harbor Freight Program**

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CEQ	Council on Environmental Quality
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CERCLIS-NFRAP	Comprehensive Environmental Response, Compensation and Liability Information System-No Further Remedial Action Planned
CFR	Code of Federal Regulations
CH <sub>4</sub>	Methane
CHFP	Cross Harbor Freight Program
CMSW	containerized municipal solid waste
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CO <sub>2</sub> e	carbon dioxide equivalent
ConnDOT	Connecticut Department of Transportation
CP	Canadian Pacific
CPIP	Comprehensive Port Improvement Plan
Conrail	Consolidated Rail Corporation
CRA	Conestoga-Rovers & Associates
CREATE	Chicago Rail Efficiency and Transportation Efficiency
CSO	Combined Sewer Overflow
CSO	Connecticut Southern
CSX	CSX Corporation
CTS	Centralized Traffic Control
CURES	Civics United for Railroad Environmental Solutions
CZM	Coastal Zone Management
CZMA	Coastal Zone Management Act
dB	Decibel
DBFM	design-build-finance-maintain
DEIS	Draft Environmental Impact Statement
DO	dissolved oxygen
DoITT	New York City Department of Information Technology and Telecommunications
DOT	Department of Transportation
DPF	diesel particulate filter

DPM	diesel particulate matter
DPW	Department of Public Works
DSNY	New York Department of Sanitation
DVRPC	Delaware Valley Regional Planning Commission
EA	Environmental Assessment
EDC	Economic Development Corporation
EDR	Environmental Data Resource
EIA	Energy Information Administration
EIS	Environmental Impact Statement
ENG CONTROLS	Engineering Controls
EO	Executive Order
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
ESR	Emergency Spill Response
EWR	Newark Liberty International Airport
FDNY	New York City Fire Department
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
FINDS	Facility Index System/Facility Registry System
FIRE	finance, insurance and real estate
FIRM	Flood Insurance Rate Maps
FRA	Federal Railroad Administration
FTA	Federal Transit Administration
FTWG	Freight Transportation Working Group
Genset	Generator-Set
GHG	greenhouse gas
GHS	Globally Harmonized System of Classification and Labeling of Chemicals
GIS	Geographic Information System
gpm	gallons per minute
GWB	George Washington Bridge
H <sub>2</sub> S	hydrogen sulfide
HAER	Historic American Engineering Record

**Cross Harbor Freight Program**

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HASP	Health and Safety Plan
HFC	Hydrofluorocarbon
HIST LF	Old or Non-Permitted Landfills
HIST LUST	Historical Leaking Underground Storage Tank
HIST MAJOR FACILITIES	Historic Major Facilities
HMIRS	Hazardous Materials Information Reporting System
HRRC	Housatonic Railroad
HVAC	heating, ventilation, and air conditioning
HWS RE-EVAL	Known Hazardous Waste Sites Being Re-Evaluated
IBZ	Industrial Business Zone
ICTF	Intermodal Container Transfer Facility
INST CONTROLS	Institutional Controls
IPIP	In-Place Industrial Park
ISRA	Industrial Site Recovery Act
ITIC	Intermodal Transportation and Inventory Cost
ITT	immersed tube tunnel
JFK	John F. Kennedy International Airport
LEED	Leadership in Energy and Environmental Design
LEP	Limited English Proficient
LGA	LaGuardia Airport
LIE	Long Island Expressway
LIRPC	Long Island Regional Planning Council
LIRR	Long Island Rail Road
LITRIM	Long Island Rail-Truck Inter Modal
LOLO	Lift On-Lift Off
LOS	level of service
LTANKS	Leaking Storage Tank Incident Reports
LUR	Land Use Regulation Program
LUST	Leaking Underground Storage Tank
MAJOR FACILITIES	Major Hazardous Substance or Oil Storage Facilities

MANIFEST	Hazardous Waste Manifest Site
MAP-21	Moving Ahead for Progress in the 21st Century Act
MGP	manufactured gas plant
MIS	The Cross Harbor Freight Movement Major Investment Study
MOA	Memorandum of Agreement
MOTBY	Military Ocean Terminal at Bayonne
MP	mile post
MPO	metropolitan planning organization
MSAT	mobile source air toxics
MTA	Metropolitan Transportation Authority
N.J.S.A.	New Jersey Statutes Annotated
N <sub>2</sub> O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAIC	North American Industry Code
NCHRP	National Cooperative Highway Research Program
NEAT	Northeast Auto Marine Terminal
NEPA	National Environmental Policy Act
NHL	National Historic Landmark
NHPA	National Historic Preservation Act
NO <sub>x</sub>	nitrogen oxides (nitric oxide, NO, and NO <sub>2</sub> )
NJ	New Jersey
NJ PF	New Jersey Publically Funded
NJ Release	New Jersey Hazardous Material Incidents
NJ TRANSIT	New Jersey Transit
NJAC	New Jersey Administrative Code
NJDEP	New Jersey Department of Environmental Protection
NJDOL	New Jersey Department of Labor
NJDOT	New Jersey Department of Transportation
NJHPO	New Jersey Historic Preservation Office
NJNHP	New Jersey Natural Heritage Program
NJPDES	New Jersey Pollutant Discharge Elimination System
NJSAA	North Jersey Shared Assets Area

**Cross Harbor Freight Program**

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NJSM	New Jersey State Museum
NJTPA	North Jersey Transportation Planning Authority
NMFS	National Marine Fisheries Service
NMHC	non-methane hydrocarbon
NO <sub>2</sub>	nitrogen dioxide
NOAA	National Oceanic and Atmospheric Administration
NOI	Notice of Intent
NPCC	New York City Panel on Climate Change
NPV	net present value
NR	National Register of Historic Places
NS	Norfolk Southern
NWI	National Wetlands Inventory
NY	New York
NY&A	New York and Atlantic Railway
NY/NJHEP	New York-New Jersey Harbor Estuary Program
NYCDOT	New York City Department of Transportation
NYCDCP	New York City Department of City Planning
NYCDDC	New York City Department of Design and Construction
NYCDEP	New York City Department of Environmental Protection
NYCEDC	New York City Economic Development Corporation
NYCL	New York City Landmarks
NYCLPC	New York City Landmarks Preservation Commission
NYCRR	New York Code of Rules and Regulations
NYMTC	New York Metropolitan Transportation Council
NYNHP	New York Natural Heritage Program
NYNJR	New York New Jersey Rail, LLC
NYPD	New York City Police Department
NYS CAP	New York State Climate Action Plan
NYS&W	New York, Susquehanna & Western Railway
NYSDEC	New York State Department of Environmental Conservation
NYSDOL	New York State Department of Labor
NYSDOS	New York State Department of State

NYSDOT	New York State Department of Transportation
NYSESD	New York State Empire State Development
NYSHPO	New York State Historic Preservation Office
NYSM	New York State Museum
OEM	original equipment manufacturer
OPRHP	New York State Office of Parks, Recreation & Historic Preservation
OSHA	United States Occupational Health and Safety Administration
P&H	Passaic and Harsimus
P&W, PW	Providence and Worcester
PAH	Polycyclic aromatic hydrocarbon
PANYNJ	Port Authority of New York and New Jersey
PCB	polychlorinated biphenyl
PCE	tetrachloroethylene
PennDOT	Pennsylvania Department of Transportation
PFC	perfluorocarbon
PM <sub>10</sub>	respirable particulate matter
PM <sub>2.5</sub>	fine respirable particulate matter
POM	Polycyclic Organic Matter
PPE	personal protective equipment
ppm	parts per million
PTS	Positive Train Control
QMT	Queens-Midtown Tunnel
RCRA-NonGen	Resource Conservation and Recovery Act Non-Generators
RCRA-SQG	Resource Conservation and Recovery Act Small Quantity-Generators
RCRA-CESQG	Resource Conservation and Recovery Act-Conditionally Exempt Small Quantity-Generators
REC	recognized environmental condition
REMI	Regional Economic Models, Inc.
RI	Remedial Investigation
RMS	Root Mean Square
ROD	Record of Decision
RORO	Roll On-Roll Off
ROW	right of way

**Cross Harbor Freight Program**

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RPAD	Real Property Assessment Data
RSCO	Recommended Soil Cleanup Objectives
RTME	Regional Transportation Model Enhanced
S/NR	State/National Register of Historic Places
SAC	Stakeholder Advisory Committee
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SBMT	South Brooklyn Marine Terminal
SCS	Soil Conservation Service
SEPTA	Southeastern Pennsylvania Transportation Authority
SF <sub>6</sub>	sulfur hexafluoride
SHPA	State Historic Preservation Act
SHWS	State Hazardous Waste Site
SIC	Standard Industry Code
SIRR	Special Initiative for Rebuilding and Resiliency
SJTPO	South Jersey Transportation Planning Organization
SMIA	Significant Maritime and Industrial Area
SO <sub>2</sub>	sulfur dioxide
SPDES	State Pollution Discharge Elimination System
SR	State Register of Historic Places
STB	Surface Transportation Board
SVOC	Semivolatile Organic Compound
SWF/LS	Solid Waste Facility/Landfill Site
SWPPP	Stormwater Pollution Prevention Plan
SWRPA	South Western Regional Planning Agency
TAC	Technical Advisory Committee
TAGM	Technical and Administrative Guidance Memorandum
TBM	Tunnel Boring Machine
TCE	trichloroethylene
TCI	Transportation and Climate Initiative
THPO	Tribal Historic Preservation Office
TIGER	Transportation Investment Generating Economic Recovery/TIGER Discretionary Grant program



TLU	Transportation and Land Use
TOFC	trailer-on-flat-car
TRU	transport refrigeration unit
TSA	Transportation Security Administration
TSM	Transportation Systems Management
TZB	Tappan Zee Bridge
ULSD	ultra-low sulfur diesel
URCS	Uniform Rail Costing System
US	United States
USACE	United States Army Corps of Engineers
USCG	United States Coast Guard
USDA	United States Department of Agriculture
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGBC	United States Green Building Council
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program
VdB	velocity decibel
VHD	vehicle hours of delay
VHT	vehicle hours of travel
VLI	Vision Long Island
VMT	vehicle miles traveled
VNB	Verrazano-Narrows Bridge
VOC	volatile organic compound
WPCP	Water Pollution Control Plant
WRP	Waterfront Revitalization Program
$\mu\text{g}/\text{m}^3$	micrograms per cubic meter

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