

METROPOLITAN TRANSPORTATION AUTHORITY (MTA)

NOTICE OF PUBLIC HEARING AND DESCRIPTION OF PROJECTS

Capital Projects Public Hearing

Tuesday, February 8, 2022

6:00 P.M.

In Person and Virtually via Zoom Online Platform

Request for Federal Financial Assistance

Under the Federal Transportation Authorization

For

Federal Fiscal Year 2022 Capital Projects

For

NEW YORK CITY TRANSIT AUTHORITY (NYCTA)

MANHATTAN AND BRONX SURFACE TRANSIT OPERATING AUTHORITY

(MaBSTOA)

THE LONG ISLAND RAIL ROAD COMPANY (LIRR)

METRO-NORTH COMMUTER RAILROAD COMPANY (MNR)

MTA BUS COMPANY (MTA BUS)

MTA CAPITAL CONSTRUCTION AND DEVELOPMENT COMPANY (MTA C&D)

The purpose of the hearing is to receive public comment on the Metropolitan Transportation Authority's (MTA) requests for financial assistance from the Federal Transit Administration (FTA) of the U.S. Department of Transportation pursuant to the United States Code Title 49 sections 5307, 5309, 5337, 5339, 5340 and/or funds available for transit use under 49 U.S.C. 5300 et seq. of the Federal transportation authorization for the capital projects of New York City Transit Authority (NYCTA), Manhattan and Bronx Surface Transit Operating Authority (MaBSTOA), Long Island Rail Road (LIRR), Metro-North Railroad (MNR), MTA Construction and Development Company (MTA C&D) and MTA Bus Company (MTA Bus). The MTA particularly solicits and encourages the participation of private transportation providers and invites their comments and feedback. The Governor of the State of New York, local officials and publicly owned operators of mass transportation services have designated MTA to receive the federal grants made in connection with this request.

It is anticipated that the difference between the cost of the projects and federal grants will be met through funds made available by any one or any combination of State, local or affiliated agency (such as MTA Bridges and Tunnels or MTA) sources, credits for non-federal project share generated from toll revenues as provided for in Section 23 USC 120 (i), sales of property, or program income.

The capital improvements to be made from this Program of Projects generally take place within the MTA New York City Transit System (subways and buses), the MTA Commuter Railroad System (LIRR and MNR), or city and State-owned property. Any property acquisition or relocation that may be required for NYCTA, MaBSTOA, LIRR, MNR, MTA C&D or MTA Bus projects will be carried out in accordance with the appropriate provisions of law and regulatory requirements. The projects are not anticipated to have any significant adverse environmental impact. If MTA prepares a formal statement on the environmental impact of any of the projects, the availability of that statement will be made known by public notice.

The projects will conform to comprehensive land use and transportation planning for the New York metropolitan area. The projects have been or will be endorsed by the Metropolitan Planning Organization for the New York metropolitan region, as the product of continuing, cooperative and comprehensive planning for all modes of transportation, and conform with the State Implementation Plan (SIP) as required by Clean Air Act Amendments of 1990.

The projects included in this hearing are part of the approved 2010-2014, 2015-2019 or 2020-2024 Capital Programs.

The NYCTA, MaBSTOA, LIRR, MNR, and MTA Bus provide half-fare for the elderly and disabled as required by the Code, and all legal requirements relating to the elderly and disabled will be met.

Federal funds must generally be matched by a local share contribution for capital assistance of 20% for funding categories.

PROPOSALS

I. Section 5307 Requests

In Federal Fiscal Year 2020, MTA received \$684.2 million of Section 5307 funds excluding CARES Act funding. MTA used those funds for NYCTA, MaBSTOA, LIRR, MNR and MTA Bus projects. MTA's share of the FFY 2021 apportionment, and the full apportionment of FFY 2022 are not yet available.

MTA proposes to:

- A) Submit capital projects to request some, or all of the Section 5307 funds for prior Federal Fiscal Years that will be available.
- B) Submit some capital projects to request Section 5307 funds remaining from prior fiscal period allocations and for adjustments to the Section 5307 program.

II. Requests for Funds under Sections 5337 and 5339 of 49 U.S.C. 5300 of the Bipartisan Infrastructure Law.

- A) In Federal Fiscal Year 2020, MTA received \$734.6 million of Section 5337 State of Good Repair and \$29.8 million of Section 5339 Bus and Bus Facilities funds. The apportionment for Federal Fiscal Years 2021 and 2022 is not yet known.
- B) Additional projects may be submitted in amounts sufficient to request federal fund balances from prior fiscal year allocations and grants within each of these fund categories, including fund categories under the Title I of FAST Act, and 49 U.S.C. 5300 of the Bipartisan Infrastructure Law as appropriate, and for adjustments to these programs.

DATE AND TIME OF THE PUBLIC HEARING

2022 CAPITAL PROJECTS PUBLIC HEARING

Date: Tuesday, February 8, 2022

Time: 6:00 P.M.

Location: In person at 2 Broadway, 20th Floor William J. Ronan Board Room
and
Virtually on Zoom

Public Hearing Format

Those interested in speaking must pre-register to speak at the virtual public hearing. Each person will have three (3) minutes to speak.

Registering for the Virtual Public Hearing

To register to speak at the public hearing, please register online at <https://new.mta.info/2022-capital-projects-hearing> or call the Public Hearing Hotline at (646) 252-6777 or register in person at the hearing. Pre-registration for the public hearing will be open from January 3, 2022 until February 8, 2022. All comments will be transcribed and made part of the permanent record of this hearing.

Joining the Public Hearing

If you are registered to speak, you may do so in person at the hearing or join the Zoom webinar either online, or by phone following these instructions:

Join Zoom Webinar Online: To access the Zoom webinar online, visit the website:

<https://new.mta.info/2022-capital-projects-hearing>. You can also go to

<https://mta.zoom.us/j/85820298982>

Join by PC/Tablet/Smartphone:

Join Link: <https://mta.zoom.us/j/85820298982>

Webinar ID: 858 2029 8982

Join Zoom Webinar by Telephone: To access the Zoom webinar by telephone, please call 1-877-853-5247 (toll-free). Then enter Webinar ID: 858 2029 8982, followed by the pound (#) sign.

View Only Online: Members of the public who wish only to view the hearing may access the event live at <https://new.mta.info/2022-capital-projects-hearing>

Members of the public who do not have access to a computer or to the Internet, can listen to the hearing by calling the Zoom webinar at 1-877-853-5247 (toll-free). Then enter Webinar ID 858 2029 8982, follow by the pound (#) sign.

To Submit Comments

All written comments must be submitted by 6:00 P.M. on February 8, 2022.

Comments received after that date and time will not be considered.

To View a Copy of the Complete MTA Program of Projects

A complete list of projects eligible for funding under this proposal is available on the MTA website at <https://new.mta.info/2022-capital-projects-hearing> or by scanning the QR Code below.



Information on public viewing locations and on the projects eligible for funding can be found on the MTA website or by contacting the MTA at the address below. The MTA will also make the final program of projects available on its website shown below for Section 5307 funded projects when the FTA awards Federal Fiscal Year 2022 grants.

<https://new.mta.info/transparency/grant-management>

Additional Ways to Comment or Request Information

Those wishing to be heard at the Public Hearing must register in advance. Email comments will be accepted online on the MTA website <https://new.mta.info/2022-capital-projects-hearing> or in person at the hearing or by dialing (646) 252-6777. Telephone agents are available from 6 a.m. to 10 p.m. daily. Verbal presentations will be limited to three (3) minutes. You may present verbal testimony or submit written statements in lieu of or to supplement oral testimony concerning the proposed projects. To submit comments, for additional information, or to request copies of the applications and final program of projects to be submitted to the FTA, letters should be addressed to:

MTA Capital Funding Management / Grants Management
RE: 2022 Capital Projects Public Hearing
2 Broadway, B4.01
New York, NY 10004

All letters must be postmarked by February 8, 2022.

Comments received after the date will not be considered.

Accessibility and Language Assistance Services

At the virtual public hearing, CART Captioning and American Sign Language services will be available.

Members of the public who are deaf or hard of hearing can use their preferred relay service or the free 711 relay service, and request to be connected to the Public Hearing Hotline at (646) 252-6777 to connect with an agent.

Members of the public who are blind or have low vision can request accommodations on or before February 1, 2022, by submitting a request online at <https://new.mta.info/2022-capital-projects-hearing> or by calling the Public Hearing Hotline at (646) 252-6777.

Members of the public who do not have access to a computer or to the Internet can dial in to the hearing by calling the Zoom webinar at 1-877-853-5247 (toll-free). Then enter Webinar ID 858 2029 8982, followed by the pound (#) sign.

If language assistance or any other accommodations are required, please submit a request at least three business days before the hearing date in one of the following ways: online at <https://new.mta.info/2022-capital-projects-hearing> or by calling the Public Hearing Hotline at (646) 252-6777 or by sending a letter to the address above.

A Note on Legal Names:

Although the MTA operating agencies adopted new popular names in 1993, the legal names remain unchanged and continue to be used in contracts, financial statements, legislation, and bond documents. As of 2020, MTA Capital Construction Company (MTACC) became the MTA Capital Development and Construction Company (MTA C&D) and projects previously identified with it will be referenced as Network Expansion.

Legal Names:

New York City Transit Authority

Manhattan and Bronx Surface Transit Operating Authority

The Long Island Rail Road Company

Metro-North Commuter Railroad Company

Metropolitan Transportation Authority Bus Company

MTA Capital Construction and Development Company

Popular Name:

MTA New York City Transit

MaBSTOA

MTA Long Island Rail Road

MTA Metro-North Railroad

MTA Bus

MTA C&D

This page intentionally left blank.

**Proposed Program of Projects
Federal Fiscal Year 2022**

ACEP ID/Agency PIN	Project/Project Description	Estimated Federal Request (\$M)	Page
NEW YORK CITY TRANSIT			
<i>Subway Cars</i>			
T8010102	B-Division Car Purchases	\$2,080.00	1
	Subtotal	\$2,080.00	
<i>Bus Replacement</i>			
T8030201	Standard Electric Buses	\$630.00	2
T8030202	Standard Buses	\$543.60	3
	Subtotal	\$1,173.60	
<i>Stations</i>			
T80407A1	Station Escalators & Elevators	\$364.60	4
T7041213	Renewal: Woodhaven Boulevard, Jamaica Line	\$20.00	5
T7041218	Renewal and Structural Repair of 61 St-Woodside, Flushing Line	\$90.00	6
T7041251	Platform Components - 6 Avenue, Canarsie Line	\$3.94	7
T70412A9	2 Street Stairs: 34 St, BWY (S4/M4, S8/M8)	\$1.00	8
T70412F4	Stairs: 14 Street-6 Avenue (S2/M4,S5/M11,S7/M13)	\$0.40	9
T70412L2	Platform Components - 14 Street, 6 Avenue Line	\$1.29	10
T80412A1	Station Work	\$469.30	11
T8041205	Station Ventilator Reconstruction 8 Avenue, Canarsie Line	\$0.22	12
T7041327	ADA and Reconstruction: Westchester Square	\$20.00	13
T7041330	New Stair: Street to Mezzanine - 14 Street, 6 Avenue Line	\$0.12	14
T7041346	ADA 6 Avenue, Canarsie Line	\$7.30	15
T7041347	ADA 14 St Station, 6 Av Line	\$2.30	16
T7041348	ADA 14 Street, Broadway-7 Av Line	\$6.74	17
T80413A1	Station Accessibility	\$1,200.00	18
T8041305	ADA and Components Replacement: 137 St, 7Av-Broadway Line	\$9.00	19
T8041331	ADA Improvements Parkchester-East 177 St, Pelham Line	\$50.00	20
	Subtotal	\$2,246.21	
<i>Track</i>			
T8050201	Mainline Track and Switch Rehabilitation	\$100.00	21
T8050207	Mainline Track Rehab Direct Fixation, 63 Street Line	\$68.10	22
T8050207	Mainline Track Rehab Direct Fixation, QBL (Jamaica Line)	\$10.10	23
	Subtotal	\$178.20	
<i>Line Equipment</i>			
T80605A1	Line Equipment	\$80.00	24
T8060504	Fan Plant Component Repairs 8 Avenue Line (Fiber Only)	\$15.60	25
	Subtotal	\$95.60	
<i>Line Structures</i>			
T7070308	Emergency Exit 302N - 168 St / BWY-7Av Line	\$5.10	26
T7070319	Line Structure Component Repair Program (LSCR): 1-8 Av/CNR	\$3.83	27
T80703A1	Line Structure Rehabilitation	\$200.00	28
T8070301	Line Structure Component Repair: Downtown Manhattan, 8 Av Line	\$39.50	29
T8070303	Overcoating: Track-Level Components, 48 St - 72 St, Flushing Line	\$12.20	30
T8070303	Vents between Stations E 161St to E 192St, Concourse Line	\$1.00	31
	Subtotal	\$261.63	

Signals and Communications

T80803A1	Signal Modernization	\$500.00	32
T6080637	Signals Walkway & Bridges, Dyre Line	\$1.60	33
T80806A1	Communication Systems	\$150.00	34
T8080605	Antenna Cable Replacement, Concourse	\$4.00	35

Subtotal	\$655.60	
-----------------	-----------------	--

Power

T80902A1	Substations	\$500.00	36
T80904A1	Power Distribution	\$120.20	37
T8090402	Installation of second negative return rail, Dyre Av Line	\$10.10	38

Subtotal	\$630.30	
-----------------	-----------------	--

Shops

T81004A1	Shops & Yards	\$150.00	39
----------	---------------	----------	----

Subtotal	\$150.00	
-----------------	-----------------	--

Depots

T7120303	HVAC: Queens Village Depot	\$20.00	40
T81203A1	Depot Rehabilitation & Reconstruction	\$150.00	41
T81204A1	Depot Improvements	\$25.10	42

Subtotal	\$195.10	
-----------------	-----------------	--

Misc./Emergency

T81607A1	Misc/Emergency: Employee Facilities	\$64.70	43
T8160701	Livingston Plaza Elec and Mech System Improvements, Ph B	\$18.70	44

Subtotal	\$83.40	
-----------------	----------------	--

SIRTOA

S8070102	SIR Track and Switch Replacement	\$137.00	45
----------	----------------------------------	----------	----

Subtotal	\$137.00	
-----------------	-----------------	--

New York City Transit Total	\$7,886.64	
------------------------------------	-------------------	--

LONG ISLAND RAILROAD**Stations**

L8020402	Station Platform Components: Various Locations	\$196.65	46
L8020403	Station Building Components: Various Locations	\$5.20	48
L8020404	Escalator Replacement	\$7.60	49
L8020405	Elevator Replacement	\$11.60	50
L8020408	Small Business Mentoring Program - Stations	\$14.75	51
L8020411	Locust Manor - New Elevators	\$9.36	52
L8020413	Amityville, Copiague, Lindenhurst and Massapequa Park	\$9.90	53
L8020414	St. Albans - New Elevator	\$21.92	54
L8020501	Parking Rehabilitation & Access Improv (Station Access Impv & Surface Park	\$5.56	55
L8020502	Small Business Mentoring Program - Parking	\$6.72	56

Subtotal	\$289.26	
-----------------	-----------------	--

Track

L8030104	2022 and 2023 Annual Track Program	\$249.01	57
L8030403	Hall Interlocking Expansion	\$150.00	58

Subtotal	\$399.01	
-----------------	-----------------	--

Line Structures

L8040202	Tunnel Replacements and Upgrades	\$1.40	59
----------	----------------------------------	--------	----

Subtotal	\$1.40	
-----------------	---------------	--

Communications and Signals

L8050101	Communication Pole Line	\$4.64	60
L8050102	Communication Component Replacement	\$4.64	61
L8050205	Signal Normal Replacement Program	\$6.66	62

Subtotal	\$15.94	
-----------------	----------------	--

Shops and Yards

L70604YJ	Mentor Allowance - Shops and Yards	\$6.00	63
L8060401	Rehabilitation of Employee Facilities – Various Locations	\$34.39	64
L8060405	Small Business Mentoring Program – Employee Facilities	\$7.74	65
	Subtotal	\$48.13	

Power

L8070102	Lighting Improvements	\$6.40	66
	Subtotal	\$6.40	

Miscellaneous

TRANTECH	Transit Technical Assistance	\$0.40	67
	Subtotal	\$0.40	

Long Island Rail Road Total **\$760.54**

METRO-NORTH RAILROAD**Ferries**

882396	Haverstraw-Ossining Ferry	\$5.13	68
882399A	Newburg-Beacon Ferry	\$4.03	69
882399B	Newburgh-Beacon Ferry Landing Dock	\$3.40	70
	Subtotal	\$12.56	

Rolling Stock

M801-01-01	M-3 Replacement	\$484.64	71
	Subtotal	\$484.64	

Stations

M802-01-02	Park Avenue Tunnel Improvements	\$159.59	72
M802-01-04	GCT Mentoring- Park Avenue Tunnel Emergency Exit Hatches & Stair	\$8.42	73
M802-02-02	Harlem Line Station Renewal	\$181.90	74
M802-03-01	Brewster Yard Improvement – SE Parking	\$129.37	75
	Subtotal	\$479.28	

Track and Structures

M803-01-01	Cyclical Track Program	\$74.45	76
M803-01-02	Cyclical Replacement of Insulated Joints	\$2.30	77
M803-01-03	Turnouts: Mainline/High Speed/GCT Turnouts/Yards & Sidings	\$86.65	78
M803-01-04	Rock Slope Remediation	\$15.00	79
M803-01-06	ROW Drainage Improvements	\$8.57	80
M803-01-07	Maintenance of Way Equipment	\$16.64	81
M703-02-03	Undergrade Bridge Rehabilitation	\$3.15	82
M803-02-01	Park Avenue Viaduct Replacement	\$550.00	83
M803-02-02	Undergrade Bridge Rehab. - East of Hudson	\$77.61	84
M803-02-03	Overhead Bridge Program	\$75.98	85
M803-02-04	Railtop Culverts	\$4.55	86
M803-02-05	Bridge Walkways	\$2.28	87
M803-02-06	Replace Undergrade Bridge Timber	\$4.55	88
M803-02-07	Right-of-Way Fencing	\$1.14	89
M803-02-08	Hudson Line Tunnels	\$5.69	90
M803-03-01	West of Hudson Rock Slope Remediation – Pt Jervis Line	\$11.37	91
M803-03-02	West of Hudson Track Program	\$15.92	92
M803-03-03	West of Hudson Undergrade Bridge – Port Jervis Line	\$10.53	93
M803-03-04	Moodna/Woodbury Viaduct Repairs	\$40.00	94
M803-03-07	West of Hudson Capacity Improvements – Port Jervis Line	\$100.00	95
	Subtotal	\$1,106.38	

Communications and Signals

M704-01-01	Network Infrastructure Replacement	\$43.46	96
M804-01-01	Harmon to Poughkeepsie Signal System	\$198.00	97
M804-01-02	PBX Replacement / Upgrade	\$2.93	98
M804-01-04	Network Infrastructure	\$12.50	99
M804-01-09	Grade Crossing Improvements	\$3.00	100

Subtotal	\$259.89	
-----------------	-----------------	--

Power

M805-01-01	Replace Motor-Alternators in Signal Substations	\$20.00	101
M805-01-02	Substation Rehabilitation	\$14.78	102
M805-01-03	Harlem Line Power Improvements	\$55.38	103
M805-01-04	NHL Upgrade Feeder	\$19.28	104
M805-01-06	Hudson Line Track 1 Electrification	\$11.10	105
M805-01-07	Replace Signal Power Transformer & Signal Sect. Switches	\$3.21	106
M805-01-08	Transformer Rehabilitation	\$3.43	107
M805-01-09	NHL Pelham Substation Replacement (M8050104)	\$29.74	108

Subtotal	\$156.92	
-----------------	-----------------	--

Shops and Yards

M706-01-04	West of Hudson Capacity Improvement	\$24.23	109
------------	-------------------------------------	---------	-----

Subtotal	\$24.23	
-----------------	----------------	--

Miscellaneous

M808-01-05	Program Administration	\$48.70	110
M808-01-06	Program Scope Development	\$20.00	111

Subtotal	\$68.70	
-----------------	----------------	--

Metro-North Railroad Total	\$2,592.60	
-----------------------------------	-------------------	--

MTA BUS**Miscellaneous**

U7030215	Project Administration - 2017	\$1.20	112
----------	-------------------------------	--------	-----

Subtotal	\$1.20	
-----------------	---------------	--

Bus Replacement

U8030205	Purchase 250 Express Buses	\$150.71	113
----------	----------------------------	----------	-----

Subtotal	\$150.71	
-----------------	-----------------	--

Facilities

U8030209	Generator Replacement: Spring Creek, and College Point	\$4.90	114
U8030209	Boiler Replacement: Spring Creek, College Point, and LaGuardia	\$2.46	115
U8030209	Façade Repair at JFK, LaGuardia, and Baisley Park	\$12.24	116
U8030210	Non-Revenue Service Vehicles 2020-24	\$1.60	117

Subtotal	\$21.20	
-----------------	----------------	--

MTA Bus Total	\$173.11	
----------------------	-----------------	--

CAPITAL CONSTRUCTION COMPANY

Miscellaneous

G7110101	Penn Station Access - Pre-Design	\$12.52	118
G7110109	Penn Station Access - Rolling Stock Specification	\$3.88	119
G81101XX	Penn Station Access - Real Estate	\$8.00	120
G81101XX	Penn Station Access - Program Management	\$21.67	121
G81101XX	Penn Station Access -Construction Management	\$64.62	122
G81101XX	Penn Station Access –Track and Structures	\$291.91	123
G81101XX	Penn Station Access –Communication and Signals	\$148.03	124
G81101XX	Penn Station Access –Power	\$163.15	125
G81101XX	Penn Station Access -Stations	\$201.50	126
G81101XX	Penn Station Access -Shops and Yards	\$33.98	127
G81101XX	Penn Station Access – Design-Build Support	\$49.18	128
G81101XX	Penn Station Access - OCIP	\$52.29	129
G81101XX	Penn Station Access - Reserve	\$89.19	130
G81101XX	Penn Station Access –General Engineering Consultant	\$109.39	131
	Subtotal	\$1,249.31	
	MTA Capital Construction & Development Total	\$1,249.31	
	MTA GRAND TOTAL	\$12,662.19	

Proposed Program of Projects Federal Fiscal Year 2022

Agency

NYCT

ACEP ID

T8010102

Project Name

B-Division Car Purchases

Planning Number / PIN

County/Borough: Multiple

Zip Code Multiple

Object/Purpose of Project

The purpose of this project is to purchase new B-Division subway cars to align with signal modernization, system-wide.

Units/Locations/Limits

Railcars / system-wide

Summary

This project will purchase B-Division cars to replace a portion of the existing fleet as part of the normal replacement of railcars based on a 40-year useful life. The purchase will also align with signal modernization.

The budget for this project is \$2.08 billion. The request is for \$2.08 billion.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

NYCT

ACEP ID

T8030201

Project Name

Standard Electric Buses

Planning Number / PIN

County/Borough: Multiple

Zip Code Multiple

Object/Purpose of Project

The purpose of this initiative is to purchase standard electric buses to replace end-of-life buses.

Units/Locations/Limits

Standard Electric Buses / System-wide

Summary

This project will purchase new alternative energy technology buses for NYCT, replacing end-of-life buses. All buses will have a 12-year useful life and will be in compliance with the MTA's standards, will meet or exceed the Environmental Protection Agency (EPA) emissions standards and will meet ADA standards.

The budget for this project is \$700.0 million. The request is for \$630.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

NYCT

ACEP ID

T8030202

Project Name

Standard Buses

Planning Number / PIN

County/Borough: Multiple

Zip Code Multiple

Object/Purpose of Project

The purpose of this initiative is to purchase standard buses to replace end-of-life buses.

Units/Locations/Limits

Standard Buses / System-wide

Summary

This project will purchase new standard buses for NYCT, replacing end-of-life buses. All buses will have a 12-year useful life and will be in compliance with the MTA's standards, will meet or exceed the Environmental Protection Agency (EPA) emissions standards and will meet ADA standards.

The budget for this project is \$543.6 million. The request is for \$543.6 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T80407A1
Project Name Station Escalators & Elevators	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project
The purpose of this initiative is to replace elevators and escalators.

Units/Locations/Limits
Various stations / system-wide

Summary
This project will replace elevators and escalators at various stations, system-wide. Escalator replacement includes replacing existing escalator controllers, status monitoring system, electrical panels, communication systems, closed circuit television (CCTV) system and the smoke and fire detection systems. Elevator replacement includes replacing existing elevator cars with operating panels, electrical panels, communications system, smoke and fire detection system and other components depending on whether it is traction or hydraulic. All escalator and elevator projects also provide ethernet connection between the Status Monitor and the Elevator & Escalator Control Center.

Various stations that will be addressed by this project are Americans with Disabilities (ADA) accessible stations. The remaining stations will receive ADA accessibility in future projects.

The budget for this project is \$364.6 million. The request is for \$364.6 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T7041213
Project Name Renewal: Woodhaven Boulevard, Jamaica Line	Planning Number / PIN ST22-1888
County/Borough: Queens	Zip Code 11421

Object/Purpose of Project
The purpose of this initiative is the rehabilitation of all deficient components.

Units/Locations/Limits
Woodhaven Blvd Station / Jamaica line (Queens)

Summary
This project will renew Woodhaven Boulevard station on the Jamaica Line through rehabilitation of structural columns and beams, architectural finishes, concrete toppings, lighting, windscreen, painting and other public safety enhancements.

This station will be made Americans with Disabilities (ADA) accessible in a future project.

The budget for this project is \$85.9 million. The request is for \$20.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

NYCT

ACEP ID

T7041218

Project Name

Renewal and Structural Repair of 61 St-Woodside, Flushing Line

Planning Number / PIN

ST22-1559 / MW64-0982

County/Borough: Queens

Zip Code 11377

Object/Purpose of Project

The purpose of this initiative is the rehabilitation of all deficient station components and repair of the track structure.

Units/Locations/Limits

Station components and track structure, 61 Street-Woodside station, Flushing Line (Queens)

Summary

This project will include rehabilitation or replacement of components in all areas of the station such as platform edges, columns, floor panels, windscreens, street stairs, platform stairs, lighting, and employee facility / back-of house rooms. Structural work will include replacement of concrete slabs at thru-spans, replacement of tracks, and replacement or repair of structural steel support beams, girders and mezzanine hangers. The work also includes the station painting.

This is an Americans with Disabilities (ADA) accessible station.

The budget for this project is \$265.5 million. The request is for \$90.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T7041251
Project Name Platform Components - 6 Avenue, Canarsie Line	Planning Number / PIN ST21-2495
County/Borough: Manhattan	Zip Code 10011

Object/Purpose of Project
The purpose of this initiative is the rehabilitation or replacement of platform components of 14 Street-6 Avenue station on the Canarsie Line.

Units/Locations/Limits
Platform Components, 14 Street-6 Avenue station / Canarsie Line (Manhattan)

Summary
This project will include rehabilitation or replacement of platform components such as walls, ceilings, columns and any other deficient components identified in the Station Condition Survey.

This station will be made Americans with Disabilities (ADA) accessible in a pending project.

The budget for this project is \$36.1 million. The request is for \$3.9 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T70412A9
Project Name 2 Street Stairs: 34 St, BWY (S4/M4, S8/M8)	Planning Number / PIN ST21-3078
County/Borough: Manhattan	Zip Code 10001

Object/Purpose of Project
The purpose of this initiative is the rehabilitation or replacement of subway street stairs.

Units/Locations/Limits
Two (2) street stairs, 34 Street-Herald Square station / Broadway Line (Manhattan)

Summary
This Small Business Mentoring Program (SBMP) project will include repair of two street stairs, remove and replace existing tread and risers, concrete landings, wall tiles, lighting fixtures and globe lights. Handrails will be replaced with ADA compliant stainless-steel handrails. The project also includes structural repairs, new concrete sidewalk and installation of granite pavers within work area.

This station is an Americans with Disabilities (ADA) accessible station.

The budget for this project is \$2.2 million. The request is for \$1.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T70412F4
Project Name Stairs: 14 Street-6 Avenue (S2/M4,S5/M11,S7/M13)	Planning Number / PIN ST21-3080
County/Borough: 10011	Zip Code Manhattan

Object/Purpose of Project
The purpose of this initiative is the rehabilitation or replacement of subway street stairs at 14 Street-6 Avenue station on the 6 Avenue Line.

Units/Locations/Limits
Street Stairs, 14 Street-6 Avenue station / 6 Avenue Line (Manhattan)

Summary
This project will include repair or replacement of street stairs and may include painting and environmental provisions for lead paint, as required.

This station will be made Americans with Disabilities (ADA) accessible in a pending project.

The budget for this project is \$3.5 million. The request is for \$0.4 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T70412L2
Project Name Platform Components - 14 Street, 6 Avenue Line	Planning Number / PIN ST21-1131
County/Borough: Manhattan	Zip Code 10011

Object/Purpose of Project
The purpose of this initiative is the rehabilitation or replacement of platform components of 14 Street-6 Avenue station on the 6 Avenue Line.

Units/Locations/Limits
Platform Components, 14 Street-6 Avenue station / 6 Avenue Line (Manhattan)

Summary
This project will include rehabilitation or replacement of platform components such as platform edges, columns and any other deficient components identified in the Station Condition Survey.

This station will be made Americans with Disabilities (ADA) accessible in a pending project.

The budget for this project is \$11.8 million. The request is for \$1.3 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

NYCT

ACEP ID

T80412A1

Project Name

Station Work

Planning Number / PIN

County/Borough: Multiple

Zip Code Multiple

Object/Purpose of Project

The purpose of this initiative is the rehabilitation of stations, either by full renewal, repair or replacement of components.

Units/Locations/Limits

Various stations / system-wide

Summary

The scope of work for these projects may include: renew, rehabilitate, repair or replace street stairs, mezzanine to platform stairs, doors and windows, interior and exterior walls, platforms, and canopies as required. Stations may also be painted. Some of the work may be performed as part of ADA accessibility projects or the Small Business Mentoring Program (SBMP).

Various stations that will be addressed by this project are Americans with Disabilities (ADA) accessible stations. The remaining stations will receive ADA accessibility in pending or future projects.

The budget for this project is \$469.3 million. The request is for \$469.3 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T8041205
Project Name Station Ventilator Reconstruction 8 Avenue, Canarsie Line	Planning Number / PIN ST21-7594
County/Borough: Manhattan	Zip Code 10014

Object/Purpose of Project
The purpose of this project is to repair structural vent bays defects at 8 Avenue Station on the Canarsie line.

Units/Locations/Limits
Vent Bays, 8 Avenue Station / Canarsie Line (Manhattan)

Summary
This project will repair vent bays by reconstructing the structural elements of the ventilator and making permanent repairs on the vent bays. The work also includes mechanical and hydraulic elements of subway ventilators and station finishes impacted by the ventilators, replacement/repair of walls that are shared by the vent chambers and concrete floor.

This is an Americans with Disabilities (ADA) accessible station.

The budget for this project is \$2.1 million. The request is for \$0.2 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency	ACEP ID
NYCT	T7041327
Project Name	Planning Number / PIN
ADA and Reconstruction: Westchester Square	ST04-6132
County/Borough: Bronx	Zip Code 10461

Object/Purpose of Project
The purpose of this initiative is to provide full Americans with Disabilities (ADA) accessibility.

Units/Locations/Limits
Three (3) ADA Elevators, Westchester Square station / Pelham Line (Bronx)

Summary
The scope of work for this project will provide full Americans with Disabilities (ADA) accessibility by installing three (3) elevator and supporting elevator machine rooms, reconfiguring and refurbishing the control area, repairing station platforms and installing new platform edges, repairing existing station stairs and corridors, replace existing station windscreen and repair of existing station exterior façade deterioration, windows, and station roof.

The budget for this project is \$117.7 million. The request is for \$20.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T7041330
Project Name New Stair: Street to Mezzanine - 14 Street, 6 Avenue Line	Planning Number / PIN ST21-1131
County/Borough: Manhattan	Zip Code 10011

Object/Purpose of Project
The purpose of this project is the replacement of street stairs at 14 Street-6 Avenue station on the 6 Avenue Line.

Units/Locations/Limits
Street Stairs/ 14 Street-6 Avenue station, 6 Avenue Line (Manhattan)

Summary
This project will relocate and construct new stairs between the street and station mezzanine and will include painting and environmental provisions for lead paint, as required.

This station will be made Americans with Disabilities (ADA) accessible in a pending project.

The budget for this project is \$1.1 million. The request is for \$0.1 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T7041346
Project Name ADA 6 Avenue, Canarsie Line	Planning Number / PIN ST04-1131
County/Borough: Manhattan	Zip Code 10011

Object/Purpose of Project
The purpose of this initiative is to provide full Americans with Disabilities (ADA) accessibility.

Units/Locations/Limits
Four (4) ADA elevators and components, 6 Avenue station / Canarsie Line (Manhattan)

Summary
This project will provide vertical accessibility at 6 Avenue station on the Canarsie Line. Work includes installation of four (4) elevators, one (1) ramp and one (1) new street stair, and ramps, construction of new elevator machine rooms (EMRs), reconstruction of existing stairs and reconfiguration of control areas, stairs and modifications to platforms to make the station ADA accessible. The project will also complete structural work, utility relocation, construct two (2) ramps to enable transfer between the Canarsie Line (L) and 6 Avenue (F/M) Platforms.

The budget for this project is \$91.6 million. The request is for \$7.3 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T7041347
Project Name ADA 14 St Station, 6 Av Line	Planning Number / PIN ST04-1131
County/Borough: Manhattan	Zip Code 10011

Object/Purpose of Project

The purpose of this initiative is to provide full Americans with Disabilities (ADA) accessibility.

Units/Locations/Limits

Two (2) ADA elevators and components, 14 Street station / 6 Avenue Line (Manhattan)

Summary

The scope of work for this project will provide full Americans with Disabilities (ADA) accessibility by installing two (2) elevators, construction of new elevator machine rooms (EMRs), reconstruction of existing stairs and modifications to platforms to make the station ADA accessible. The project will also complete structural work, utility relocation and construct two (2) ramps to enable transfer between the 6 Av Line (F/M) and Canarsie Av Line (L) Platforms.

The budget for this project is \$29.3 million. The request is for \$2.3 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T7041348
Project Name ADA 14 Street, Broadway-7 Av Line	Planning Number / PIN ST04-1131
County/Borough: Manhattan	Zip Code 10011

Object/Purpose of Project
The purpose of this initiative is to provide full Americans with Disabilities (ADA) accessibility.

Units/Locations/Limits
Three (3) ADA elevators and components, 14 Street station / Broadway-7 Avenue Line (Manhattan)

Summary
This project will provide vertical accessibility at 14 Street station on the Broadway-7 Avenue Line. Work includes installation of three (3) elevators, one (1) street stair, construction of new elevator machine rooms (EMRs), reconstruction of existing stairs and modifications to platforms to make the station ADA accessible. The project will also complete structural work, utility relocation and modify the 7 Avenue passageway used for transfer to the Canarsie Line (L) and 6 Avenue (F/M) Line stations.

The budget for this project is \$84.6 million. The request is for \$6.7 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T80413A1
Project Name Station Accessibility	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project
The purpose of this initiative is to provide full Americans with Disabilities (ADA) accessibility.

Units/Locations/Limits
Various stations / system-wide

Summary
This project will provide full Americans with Disabilities (ADA) accessibility at selected stations along various corridors/lines. Work may include modification of any of the following: platforms, gates, agent booth windows, handrails, customer information screens, public toilets, and installation of ramps and elevators, as needed.

The budget for this project is \$1.5 billion. The request is for \$1.2 billion.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

NYCT

ACEP ID

T8041305

Project Name

ADA and Components Replacement: 137 St, 7Av-Broadway Line

Planning Number / PIN

ST04-2924/ST21-2924

County/Borough: Manhattan

Zip Code 10031

Object/Purpose of Project

The purpose of this project is to provide full Americans with Disabilities (ADA) accessibility and maintain station platform components at 137 Street station on the Broadway - 7 Avenue line.

Units/Locations/Limits

Two (2) ADA accessible elevators, ADA components and station platform components, 37 Street Station / Broadway-7Av Line (Manhattan)

Summary

This project will provide full ADA accessibility at 137 Street station on the 7 Av-Broadway Line. Work includes installation of two new elevators, construction of new elevator machine rooms (EMRs) and modifications to platforms to make the station ADA accessible. The project will also complete structural work and utility relocation as required. This project will also repair or replace select deficient platform components (such as edges, floors, walls, ceilings and columns) in order to bring these station elements into a state of good repair.

The budget for this project is \$64.9 million. The request is for \$9.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T8041331
Project Name ADA Improvements Parkchester-East 177 St, Pelham Line	Planning Number / PIN ST04-2928
County/Borough: Bronx	Zip Code 10472

Object/Purpose of Project
The purpose of this initiative is to provide full Americans with Disabilities (ADA) accessibility at Parkchester – East 177 Street station on the Pelham Line

Units/Locations/Limits
Two (2) ADA accessible elevators and associated components, Parkchester – East 177 Street / Pelham Line (Bronx)

Summary
This project will provide full Americans with Disabilities (ADA) accessibility at Parkchester – East 177 Street station on the Pelham Line. Work will include installation of two (2) 3-stop elevators from the street to mezzanine to platform level, construction of new elevator machine rooms (EMR), and modifications to existing platform boarding areas and street stairs. The project will also complete structural work and utility relocation as required.

The budget for this project is \$50.0 million. The request is for \$50.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

NYCT

ACEP ID

T8050201

Project Name

Mainline Track and Switch Rehabilitation

Planning Number / PIN

County/Borough: Multiple

Zip Code Multiple

Object/Purpose of Project

The purpose of this initiative is to maintain track and switch infrastructure in a state of good of repair through normal replacement.

Units/Locations/Limits

Mainline track and switches / system-wide

Summary

This project will restore or reconstruct deteriorated track and switches that have reached the end of their useful life. The project will repair broken and cracked lag bolts, plates, remedy water conditions that corrode the base of the rail, and the concrete invert. The initiative may also address rehabilitation of Direct Fixation (Type VIIM) track at various locations.

The budget for this project is \$489.0 million. This request is for \$100.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T8050207
Project Name Mainline Track Rehab Direct Fixation, 63 Street Line	Planning Number / PIN MW26-8933
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project
The purpose of this project is to bring back the segments of type VIIM track on the 63 Street Line to a State of Good Repair and avoid disruptions of service.

Units/Locations/Limits
Track and components at 57 Street station, Lexington Av-63 St station, Roosevelt Island – Main Street station, Heel of SW #535B / 63 St line (Manhattan) ; 21St-Queensbridge – 41 Av/ 63 St line (Queens)

Summary
This project will rehabilitate deteriorated Direct Fixation (DF) track on 63 St line in Manhattan and Queens. The work includes reconstruction of approximately 2.7 miles of deteriorated Type VIIM track T1, T2 repairing broken and epoxy-sand mix plinths, and broken lag bolts in the rubber rail seat's container plates.

The budget for this project is \$160.0 million. The request is for \$68.1 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

NYCT

ACEP ID

T8050207

Project Name

Mainline Track Rehab Direct Fixation, QBL (Jamaica Line)

Planning Number / PIN

MW26-8933

County/Borough: Queens

Zip Code Multiple

Object/Purpose of Project

The purpose of this project is to bring back the segments of type VIIIIM track on the Archer Avenue and Jamaica lines to a State of Good Repair and avoid disruptions of service.

Units/Locations/Limits

Track and components at Sutphin Blvd – Archer Av station, Parsons Blvd - Archer Av station, Van Wyck – Main Street station / Archer Av line (Queens); Parsons Blvd – Hillside Av station, Sutphin Blvd – Archer Av station, Jamaica Van Wyck – Metropolitan Av

Summary

This project will rehabilitate deteriorated Direct Fixation (DF) track on the Archer Avenue and Jamaica lines in Queens. The work includes reconstruction of deteriorated Type VIIIIM track repairing broken and epoxy-sand mix plinths, and broken lag bolts in the rubber rail seat's container plates.

The budget for this project is \$92.1 million. The request is for \$10.1 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

NYCT

ACEP ID

T80605A1

Project Name

Line Equipment

Planning Number / PIN

County/Borough: Multiple

Zip Code Multiple

Object/Purpose of Project

The purpose of this initiative is to upgrade, rehabilitate, replace or install line equipment at various locations, systemwide; bringing these systems to a state of good repair.

Units/Locations/Limits

Line equipment / system-wide

Summary

The project will repair / upgrade / replace / construct / install line equipment system such as tunnel lighting, fan plants (including dampers, cables, and damper components), pump rooms (including sumps, pumps, access openings, discharge lines, sewer lines and manholes, instrument controls and supervisory control cabinets), and well-points and deep wells (provide cleaning and back-flushing to keep the deep wells systems in good working order). Other work may include perform related communication work; necessary civil /structural, cleaning, furnishing, and electrical.

The budget for this project is \$83.6 million. The request is for \$80.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T8060504
Project Name Fan Plant Component Repairs 8 Avenue Line (Fiber Only)	Planning Number / PIN MW24-8924
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project
The purpose of this project is to maintain the state of good repair for 9 fan plants on the 8 Avenue line in Manhattan and Brooklyn.

Units/Locations/Limits
Supervisor and Motor Control System Components, Fan Plant (FP)-6323 – 35A - 37th St and 8th Avenue; FP-6324 – Waverly Place and 8th Avenue; FP-6325 – 44A - Downing St and 6th Avenue; FP-6326 – 45A - Houston St and Bleeker St; FP-6327 – 48A - Worth St and Church St; FP-6328 – 49A - Worth St and Church St; 9. FP-6397 – 1D - 52nd St (Manhattan); FP-6334 – 54A - Jay St and Tillary St; FP-6335 – 55A - Jay St and Tillary St (Brooklyn)

Summary
This project will rehabilitate fan plant supervisory and motor control systems at various fan plants by providing fiber optics work to new supervisory control systems or their components: conduits, wires, and control/power circuits, and new enclosure and control system components such as the main circuit breaker disconnect, motor winding heater, timer, and relays power monitor.

The budget for this project is \$24.7 million. The request is for \$15.6 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T7070308
Project Name Emergency Exit 302N - 168 St / BWY-7Av Line	Planning Number / PIN MW22-3194
County/Borough: Manhattan	Zip Code 10032

Object/Purpose of Project
The purpose of this initiative is to rehabilitate the emergency exit.

Units/Locations/Limits
Emergency Exit 302N / 168 Street station / Broadway-7 Avenue Line (Manhattan)

Summary
The project will rehabilitate the Emergency Exit 302N by reconstructing the multi-level emergency exit stairs and shaft walls. The work will also include structural repairs of supporting beams and columns, and any associated architectural and electrical work.

The budget for this project is \$17.1 million. The request is for \$5.1 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

NYCT

ACEP ID

T7070319

Project Name

Line Structure Component Repair Program (LSCRCP): 1-8 Av/CNR

Planning Number / PIN

MW64-0845

County/Borough: Manhattan

Zip Code Multiple

Object/Purpose of Project

The purpose of this project is to repair structure steel defects and leaks within the tunnel and station areas at various locations along the Canarsie Line.

Units/Locations/Limits

Line Structure Component Repair, Canarsie Line from 1 Av to 8 Av (Manhattan)

Summary

This project will repair structure steel defects (columns, beams, and knee braces), concrete defects (tunnel walls, ceilings, etc.), and leaks within the tunnel and station areas.

The budget for this project is \$34.9 million. The request is for \$3.8 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

NYCT

ACEP ID

T80703A1

Project Name

Line Structure Rehabilitation

Planning Number / PIN

County/Borough: Multiple

Zip Code Multiple

Object/Purpose of Project

The purpose of this initiative is to repair subway/elevated structure steel defects and leaks within the tunnel and station areas; the initiative also includes structural painting, netting and miscellaneous structural investments.

Units/Locations/Limits

Various locations / system-wide

Summary

This project will repair structure steel defects (columns, beams, and knee braces), concrete defects (tunnel walls, ceilings, etc.), and leaks within the tunnel and station areas.

The budget for this project is \$358.4 million. The request is for \$200.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

NYCT

ACEP ID

T8070301

Project Name

Line Structure Component Repair: Downtown Manhattan, 8 Av Line

Planning Number / PIN

MW64-0845

County/Borough: Multiple

Zip Code Multiple

Object/Purpose of Project

The purpose of this project is to maintain a state of good repair, reduce maintenance costs and provide optimal capacity, functionality, reliability, maintainability and redundancy for the 8 Av line structure components

Units/Locations/Limits

Line structure components, 59 St-Columbus Circle station Broadway and 8 Avenue, Canal Street station: Canal St and 6Av, Chambers St-WTC station: Church St / 8 Av Line (Manhattan) and High St station: High St and Cadman Plaza East / 8 Av Line (Brooklyn)

Summary

This project will rehabilitate the line structures on the 8 Avenue subway line by repairing selected priority defects, spalled/cracked concrete, corroded structural steel members and mitigating water leaks.

The budget for this project is \$97.4 million. The request is for \$39.5 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T8070303
Project Name Overcoating: Track-Level Components, 48 St - 72 St, Flushing Line	Planning Number / PIN MW62-1152
County/Borough: Queens	Zip Code Multiple

Object/Purpose of Project

The purpose of this project is to prevent structural deterioration and maintain the track level components by painting segments of the elevated structure of the Flushing Line in Queens

Units/Locations/Limits

1.25 miles of elevated structure, Flushing Line from 48 Street to 72 Street (Queens)

Summary

This project will provide overcoat painting to segments of the Flushing Line by treating steel components at the track level for removal of all loose paint, dirt, grease, and grime from all steel members. The cleaned steel surface will be repainted. The work also includes repair of selective steel component defects.

The budget for this project is \$20.6 million. The request is for \$12.2 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

NYCT

ACEP ID

T8070303

Project Name

Vents between Stations E 161St to E 192St, Concourse Line

Planning Number / PIN

MW64-3781

County/Borough: Bronx

Zip Code Multiple

Object/Purpose of Project

The purpose of this project is to repair vents along the Concourse Line in the Bronx to bring them to a state of good repair and prevent water infiltration in the subway tunnel, which can cause corrosion in structural steel members.

Units/Locations/Limits

Station Ventilators, Right-of-way between: E 161 St station and E 192 St station / Concourse Line (Bronx)

Summary

This project will repair vents by repairing vent gratings, frames, supporting members, drip pans, and drainage work.

The budget for this project is \$11.7 million. The request is for \$1.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T80803A1
Project Name Signal Modernization	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project

The purpose of this initiative is to modernize and improve obsolete high priority signal equipment and systems to improve their reliability and maintain a state-of-good-repair at various locations system-wide.

Units/Locations/Limits

Signal Equipment / System-wide

Summary

The project will modernize and improve interlocking and signal equipment by replacing the existing obsolete signal equipment with state-of-the-art signal system. The modification may include replacement/installation of signals, interlockings, relays, cables, and other appurtenances needed for a modern signal system. Additional switch (crossovers) and track work to improve geometry to increase speed entering and leaving terminals may also be required.

The budget for this project is \$500.0 million. This request is for \$500.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T6080637
Project Name Signals Walkway 8 Bridges, Dyre Line	Planning Number / PIN MW38-6583
County/Borough: Bronx	Zip Code Multiple

Object/Purpose of Project
The purpose of this project is to maintain state of good repair and improve the reliability of the signal walkway bridge on the Dyre Avenue Line.

Units/Locations/Limits
Eight (8) Dyre Avenue Line Rail Bridges at Sagamore St, Cruger Ave, Allerton Ave, Wickham Ave, Ely Ave, Boller Ave, Dyre Ave, E 233 St (Bronx)

Summary
This project will provide safe access to the signal equipment for the Dyre Avenue Line. The work includes construction of structural supports and installation of eight (8) fiberglass employee / maintenance walk bridges on eight existing rail bridges. Walk bridges are intended for employee safety and service access only and will not be accessible to the public.

The budget for this project is \$2.2 million. The request is for \$1.6 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T80806A1
Project Name Communication Systems	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project
The purpose of this initiative is to upgrade various aspects of the communication networks to ensure proper functioning of the infrastructure.

Units/Locations/Limits
Communication network cables (copper/fiber) and antenna cables, system-wide

Summary
This project will furnish/install all equipment, wiring, cabling, for repair/upgrading the Fiber Optic Network, repair/upgrade/replace outdated transport equipment, rectifiers, converters, transmission technology for existing fiber optic rings. The work also includes integration of Connected Oriented Ethernet (COE) equipment in communication rooms and the replacement of degraded antenna cable in subway tunnels.

The budget for this project is \$371.6 million. This request is for \$150 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T8080605
Project Name Antenna Cable Replacement, Concourse	Planning Number / PIN MW42-8866
County/Borough: Bronx	Zip Code Multiple

Object/Purpose of Project
The purpose of this project is to reduce the dead spots and enhance radio signals in the tunnel networks on the Concourse Line (B and D trains).

Units/Locations/Limits
Antenna Cables, Right-of-way between 161 St Station and 205 St station / Concourse Line (Bronx)

Summary
This project will replace radio antenna cable at select locations between 161 St Station and 205 St Station on the Concourse Line.

The budget for this project is \$10.9 million. The request is for \$4.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T80902A1
Project Name Substations	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project
The purpose of this initiative is the rehabilitation of all deficient substation components.

Units/Locations/Limits
Various locations / system-wide

Summary
This project will renew/construct substations by replacing equipment such as rectifier, DC feeder breakers, transformer and tension switchgear, cables, replacement of hatchway, staircases, supporting steel and support members for street gratings, repair all spalled and cracked concrete, replacement of entrance doors and frames with stainless steel doors and frames. It will also include upgrade of controls and telemetry to Programmable Logic Controls (PLC) and the supervisory control and data acquisition (SCADA) shall be replaced with a modern and expandable PLC.

The budget for this project is \$771.7 million. The request is for \$500.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T80904A1
Project Name Power Distribution	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project

The purpose of this project is to provide reliable power supply to trains and avoid "brakes in emergency" (BIEs). Rehabilitation of the cables and associated negative return system as well as Circuit Breaker Houses (CBHs) into a state of good repair will improve reliability of the traction power system and reduce service disruptions.

Units/Locations/Limits

Traction Power cable replacement, CBHs, associated equipment / system-wide

Summary

This initiative will construct/renew/install/replace all existing negative feeder cables negative equalizer cables, negative buses, and associated negative cable connections along selected NYCT lines in four boroughs. The work will also include repairing manhole walls, ceilings, corroded steel, as well as repairing sliding doors and removing, as required, toxic materials. The initiative may also include: repair/upgrade/replace the CBH roofs, windows, and lighting; install new breakers, supervisory control and data acquisition (SCADA), battery wiring and communication system.

The budget for this project is \$120.2 million. This request is for \$120.2 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T8090402
Project Name Installation of second negative return rail, Dyre Av Line	Planning Number / PIN MW25-7906
County/Borough: Bronx	Zip Code Multiple

Object/Purpose of Project
The purpose of this project is to replace cables and install new second return rail to avoid service disruptions.

Units/Locations/Limits
~10,000 feet of second negative return rail, tracks Y1 and Y2 from the Allerton Av Substation near Pelham Parkway station to Allerton Substation / Dyre Av Line

Summary
This project will provide the installation of a new second return rail, cable and associated connections along the Dyre Avenue Line. The work will include installation of composite rail to act as the negative current return path from the trains to the substations. The work also includes replacement of cable or damaged ties as required.

The budget for this project is \$36.7 million. The request is for \$10.1 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

NYCT

ACEP ID

T81004A1

Project Name

Shops & Yards

Planning Number / PIN

County/Borough: Multiple

Zip Code Multiple

Object/Purpose of Project

The purpose of this initiative is to bring shop and yard facilities to a state of good repair.

Units/Locations/Limits

Shops and Yards / System Wide

Summary

This project will repair/reconstruct/replace upgrade/install electrical and mechanical infrastructure systems and provide additional redundant emergency systems, bring high priority deficient components to a state of good repair at various facilities.

The budget for this project is \$350.4 million. This request is for \$150.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T7120303
Project Name HVAC: Queens Village Depot	Planning Number / PIN SF07-2460
County/Borough: Queens	Zip Code 11428

Object/Purpose of Project
The purpose of these projects is to maintain HVAC system in a state of good repair through normal replacement.

Units/Locations/Limits
HVAC-Vents Control-BMS/ Queens Village Bus Depot: 97-11 222 St, Queens Village (Queens)

Summary
Replacement of the existing HVAC, installation of demand control ventilation and bus management system (BMS). Upgrade of the emergency power system (generator). This project will provide all labor, materials, tools and necessary equipment.

The budget for this project is \$20.0 million. The request is for \$20.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency
NYCT

ACEP ID
T81203A1

Project Name
Depot Rehabilitation & Reconstruction

Planning Number / PIN

County/Borough: Multiple

Zip Code Multiple

Object/Purpose of Project
The purpose of this initiative is to reconstruct depots at the end of their useful life and address high-priority deficient components at depots, system-wide.

Units/Locations/Limits
Depots and Depot Components / system-wide

Summary
This project will reconstruct depots at the end of their useful life and address high-priority deficient components at various depots. The scope of work for these projects may include: remove/repair/replace existing roofing system, expansion joints and waterproofing to bring the system to a state of good repair. Other work may include: repair/replace chassis wash lifts and platform lifts provide a lead and asbestos abatement at various depots. The project will also assessment, the work may also include removing existing chassis wash and platform lifts and replace them with new lifts. Additional work will upgrade the HVAC system, boilers, and air curtains, at various depots. Work may include, asbestos and lead abatement, removal of existing units, installation of new heating units, installation of new building management system (BMS) to manage HVAC, and installation of new non-heated air curtains.

The budget for this project is \$411.2 million. This request is for \$150.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

NYCT

ACEP ID

T81204A1

Project Name

Depot Improvements

Planning Number / PIN

County/Borough: Multiple

Zip Code Multiple

Object/Purpose of Project

The purpose of this initiative is to address high-priority deficient components at depots.

Units/Locations/Limits

Various depots / system-wide

Summary

This project will repair or replacement existing roofing systems, expansion joints, elevators, chassis wash lifts and platform lifts and perform waterproofing to bring the depots to a state of good repair. Other work may include environmental abatement.

The budget for this project is \$25.1 million. The request is for \$25.1 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

NYCT

ACEP ID

T81607A1

Project Name

Misc/Emergency: Employee Facilities

Planning Number / PIN

County/Borough: Multiple

Zip Code Multiple

Object/Purpose of Project

The purpose of this initiative is to improve the conditions at employee facilities

Units/Locations/Limits

Employee facilities / system-wide

Summary

This project will rehabilitate/construct/reconstruct expand administrative and training facilities in the four boroughs, which includes: rehabilitation/construction/reconstruction/replacement of masonry wall, exterior windows and doors, facility interiors, HVAC, electrical distribution, instrumentation and controls upgrade, AC and DC service, telephone, data communications, fire alarm and may include asbestos abatement, lead abatement, and necessary structural/furnishing/installing work as needed.

The budget for this project is \$64.7 million. This request is for \$64.7 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency NYCT	ACEP ID T8160701
Project Name Livingston Plaza Elec and Mech System Improvements, Ph B	Planning Number / PIN MW01-1896
County/Borough: Brooklyn	Zip Code 11201

Object/Purpose of Project
The purpose of this project is to maintain state of good repair (SGR), reduce maintenance costs and provide optimal capacity, functionality, reliability, maintainability and redundancy for a critical NYCT operating facility.

Units/Locations/Limits
130 Livingston Plaza (Brooklyn)

Summary
This project will upgrade the electrical and mechanical infrastructure systems and provide an additional redundant emergency generator system within the 130 Livingston Plaza building in downtown Brooklyn. Work includes furnishing and installing a new central closed loop condenser cooled cooling system, emergency generator, boiler fuel system, sprinklers, roof components such as exhaust fans, electrical equipment such as load banks, distribution panels, and switches, new air conditioner units, new controls for the eight cooling towers, five cooling pumps and roof exhaust fans and new communications equipment.

The budget for this project is \$72.3 million. The request is for \$18.7 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

NYCT

ACEP ID

S8070102

Project Name

SIR Track and Switch Replacement

Planning Number / PIN

County/Borough: Staten Island

Zip Code Multiple

Object/Purpose of Project

The purpose of these projects is to maintain track and switch infrastructure in a state of good repair through normal replacement.

Units/Locations/Limits

Staten Island Railroad (SIRTOA) mainline track (Staten Island)

Summary

This project will repair or replace mainline track and switch that have reached the end of their useful life. The work includes repair of broken and cracked lag bolts, plates, remedy water conditions that corrode the base of the rail, and the concrete invert.

The budget for this project is \$137.0 million. This request is for \$137.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency	ACEP ID
Long Island Rail Road	L8020402
Project Name	Planning Number / PIN
Station Platform Components: Various Locations	
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project will replace/install various station platform components, in order to address state of good repair needs and to improve ADA access to stations.

Station Platform Components: Various Locations

This project will rehabilitate platform canopy roofs at Valley Stream Station, Massapequa Park Station, and Freeport Station, all located on the Babylon Branch in Nassau County.

Accessibility Components:

This project includes the construction station accessibility components at selected LIRR stations to address stations which are currently not accessible. Station accessibility components includes new elevators and elevator machine rooms, associated elevator equipment, power, communication and safety/security systems, LED lighting and signage, as well as curb cuts, tactile warning strips, and upgrades to station building interiors and exteriors, MTA Help Points, as required to provide accessible features. Also included are ADA commuter parking and station access improvements.

Units/Locations/Limits

Station Platform Components: Various Locations:

Valley Stream Station, Massapequa Park Station, and Freeport Station, all located on the Babylon Branch in Nassau County

Accessibility Components:

Station accessibility components will be constructed at the following stations. This effort will be performed in conjunction with accessibility work funded under other project ACEPs.

All of these stations are currently non-accessible:

- Amityville, Copiague, and Lindenhurst – Located on the Montauk Branch in Suffolk County
- St. Albans – Located on the Babylon/West Hempstead Branch in Queens
- Laurelton and Locust Manor – Located on the Far Rockaway Branch in Queens
- Massapequa Park – Located on the Montauk Branch in Nassau County

Tactile Installation:

Station locations include:

- Amityville, Bay Shore, Copiague, and Lindenhurst - Located on the Montauk Branch in Suffolk County
- Centre Avenue, Island Park, and East Rockaway – Located on the Long Beach Branch in Nassau County
- Massapequa Park - Located on the Montauk Branch in Nassau County
- Country Life Press, Garden City, and Nassau Boulevard - Located on the Hempstead Branch in Nassau County
- Cedarhurst, Gibson, Hewlett, Inwood Lawrence, and Valley Stream – Located on the Far Rockaway Branch in Nassau County
- Greenlawn, Kings Park, Smithtown, and St James – Located on the Port Jefferson Branch in Suffolk County
- East Williston – Located on the Oyster Bay Branch in Nassau County
- Plandome – Located on the Port Washington Branch in Nassau County
- Auburndale – Located on the Port Washington Branch in Queens

Proposed Program of Projects

Federal Fiscal Year 2022

Summary

Station Platform Components: Various Locations

The platform canopy roof systems at these stations have been identified to be at the end of their useful life. All three stations have elevated, center island platforms which have partial canopy coverage. The Contractor shall remove and dispose of all roofing substrate down to the concrete deck at Massapequa Park and Freeport Stations, power washing the deck, install new roofing system and perform drain test before construction and after completion of work. The Contractor shall remove and replace the shingles and gutters at Valley Stream. Fall protection system on the roof of the canopies may be installed dependent on cost and practicability.

Accessibility Components:

This project includes the construction station accessibility components at selected LIRR stations to address stations which are currently not accessible. Station accessibility components includes new elevators and elevator machine rooms, associated elevator equipment, power, communication and safety/security systems, LED lighting and signage, as well as curb cuts, tactile warning strips, and upgrades to station building interiors and exteriors, MTA Help Points, as required to provide accessible features. Also included are ADA commuter parking and station access improvements.

Tactile Installation:

This project will install tactile warning strips along platform edges, in order to enhance customer safety and ease of travel. Stations which currently do not have tactile warning strips will have them installed, while stations which have deteriorated tactile or tactile segments which are missing or broken, will be replaced with new tactile strips.

The budget for this project is \$252,100,000. This request is for \$196,650,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Long Island Rail Road	ACEP ID L8020403
Project Name Station Building Components: Various Locations	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project will replace the Heating Ventilation Air Condition (HVAC) systems at the station buildings in Ronkonkoma and Hicksville and also construct new sanitary connections at Ronkonkoma and Islip stations.

Units/Locations/Limits

Ronkonkoma station is located in Suffolk County on the LIRR Main Line. Hicksville Station is located in Nassau County on the LIRR Main Line. Islip Station is located in Suffolk County on the Montauk Branch.

Summary

This project will replace Heating Ventilation Air Condition (HVAC) systems at the station buildings in Ronkonkoma and Hicksville. The existing HVAC systems have exceeded their useful life and do no longer provide reliable heating and cooling for the customers and employees inside these station buildings. Also as part of this project, new sanitary connections will be installed at Ronkonkoma and Islip stations, both in Suffolk County. Currently these station buildings are not connected to a sewer system and instead utilize septic tanks. Connecting these station buildings to a sewer system will eliminate the environmental risk and ongoing operating costs associated with septic tanks.

The budget for this project is \$6,870,000. This request is for \$5,200,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Long Island Rail Road	ACEP ID L8020404
Project Name Escalator Replacement	Planning Number / PIN
County/Borough: Nassau	Zip Code

Object/Purpose of Project

The purpose of this project is to replace LIRR's existing Valley Stream escalator by providing new updated, heavy-duty escalator machinery. This project will bring this deteriorated escalator to a state of good repair.

Units/Locations/Limits

Valley Stream is located in Nassau County, on the Far Rockaway Branch at milepost 15.4.

Summary

Work includes removing existing escalator equipment machinery, rehabilitate existing escalator truss support platform and pit, design, fabricate, install an appropriately sized new ADA compliant escalator, truss, steps, handrails, associated machinery, control systems, enclosures, LED lighting, signage, safety, security and communications systems.

The budget for this project is \$10,000,000. This request is for \$7,600,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Long Island Rail Road	ACEP ID L8020405
Project Name Elevator Replacement	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to replace the existing direct acting, in-ground elevators by providing new and updated elevator machinery at Valley Stream and Auburndale stations.

Units/Locations/Limits

Valley Stream is located in Nassau County on the Far Rockaway Branch; Auburndale station is located in Queens County on the Port Washington Branch.

Summary

Work includes removal of existing elevator equipment, machinery and reconstruction of existing shaft and elevator pit to accommodate new Americans with Disabilities Act (ADA) and American Public Transportation Association (APTA) compliant hydraulic elevators, machine room components, elevator vestibules, reinforcement to the connection overpass enclosures, LED lighting, signage, communication and safety / security systems for the new elevators, as required by code.

The budget for this project is \$18,800,000. This request is for \$11,600,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Long Island Rail Road	ACEP ID L8020408
Project Name Small Business Mentoring Program - Stations	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project will utilize Small Business Mentoring Program firms to undertake work at LIRR stations. Work includes canopy roof rehabilitation, replacement of HVAC systems at station buildings, as well as construction of new sanitary connections at stations.

Units/Locations/Limits

Valley Stream, Massapequa Park and Freeport stations are located in Nassau County on the Babylon Branch. Ronkonkoma station is located in Suffolk County on the LIRR Main Line. Hicksville Station is located in Nassau County on the LIRR Main Line. Islip Station is located in Suffolk County on the Montauk Branch.

Summary

This project will rehabilitate platform canopy roofs at Valley Stream Station, Massapequa Park Station, and Freeport Station. The platform canopy roof systems at these stations have been identified to be at the end of their useful life. All three stations have elevated, center island platforms which have partial canopy coverage. The Contractor shall remove and dispose of all roofing substrate down to the concrete deck at Massapequa Park and Freeport Stations, power wash the decks, install new roofing system and perform drain test before construction and after completion of work. The Contractor shall remove and replace the shingles and gutters at Valley Stream. Fall protection system on the roof of the canopies may be installed dependent on cost and practicability.

This project will also replace Heating Ventilation Air Condition (HVAC) systems at the station buildings in Ronkonkoma and Hicksville. The existing HVAC systems have exceeded their useful life and no longer provide reliable heating and cooling for the customers and employees inside these station buildings. Also as part of this project, new sanitary connections will be installed at Ronkonkoma and Islip stations. Currently these station buildings are not connected to a sewer system and instead utilize septic tanks. Connecting these station buildings to a sewer system will eliminate the environmental risk and ongoing operating costs associated with septic tanks.

The budget for this project is \$16,000,000. This request is for \$14,750,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

Long Island Rail Road

ACEP ID

L8020411

Project Name

Locust Manor - New Elevators

Planning Number / PIN

County/Borough: Queens

Zip Code

Object/Purpose of Project

The purpose of this project is to provide two new elevators at the Locust Manor Station. This project will provide Americans with Disabilities (ADA) access to the station.

Units/Locations/Limits

Locust Manor station is located in Queens County on the Far Rockaway Branch at milepost 12.0, at the intersection of Farmers Boulevard and Bedell Street.

Summary

Work includes constructing the two new elevator shaftways, elevator machine rooms, associated elevator equipment installation, modification to platforms, power, communication, safety/security systems, retaining walls, TVM shelter, concrete sidewalk, signage and bird deterrent devices.

The budget for this project is \$24,360,000. This request is for \$9,360,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Long Island Rail Road	ACEP ID L8020413
Project Name Amityville, Copiague, Lindenhurst and Massapequa Park	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this project is to install a new ADA elevator (at each station), signage, station building renovations, platform improvements, and other site and parking related ADA amenities to bring Amityville, Copiague, Lindenhurst and Massapequa Park stations in compliance with the Americans with Disabilities Act (ADA).

Units/Locations/Limits
Amityville, Copiague and Lindenhurst stations are located in Suffolk County on the Babylon Branch. Massapequa Park station is located in Nassau County on the Babylon Branch.

Summary
Work includes constructing new passenger elevators to provide ADA access, curb cuts to/from all ADA parking spaces around each station, repair or replace damaged/uneven curbs and sidewalks, restripe ADA parking spaces, update wayfinding signage, install ADA ticket counters inside station buildings (as required), ADA signage, platform tactile warning strips, and upgrade to LED lighting.

The budget for this project is \$49,900,000. This request is for \$9,900,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Long Island Rail Road	ACEP ID L8020414
Project Name St. Albans - New Elevator	Planning Number / PIN
County/Borough: Queens	Zip Code

Object/Purpose of Project
The purpose of this project is to provide a new elevator at the St. Albans station. This project will provide Americans with Disabilities Act (ADA) access to the station.

Units/Locations/Limits
St. Albans station is located in Queens County on the Babylon Branch, at milepost 12.1, at the intersection of Linden Boulevard and Montauk Street.

Summary
Work includes constructing a new elevator shaftway along the center island platform between the two track and an elevator machine room. Work also includes installing associated elevator equipment, power, communication, and safety/security systems. Additional necessary work includes: constructing approximately 55 ft. of elevator high-level platform extension, canopy roof extension, existing pedestrian tunnel alterations, ADA parking improvements, drainage, LED lighting, concrete sidewalk, line striping, signage, fencing, and bird deterrent devices.

The budget for this project is \$31,080,000. This request is for \$21,920,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency	ACEP ID
Long Island Rail Road	L8020501
Project Name	Planning Number / PIN
Parking Rehabilitation & Access Improv	
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to rehabilitate a series of commuter parking lots for the Long Island Rail Road. These commuter parking lots are located at the following station locations: Babylon, Hicksville, Massapequa, Island Park, Port Jefferson, Ronkonkoma, Speonk, Far Rockaway, Bethpage, Farmingdale, Kings Park and Wyandanch.

Units/Locations/Limits

- Locations include commuter parking lots at the following locations:
- Babylon station in Suffolk County on the Babylon / Montauk Branch
 - Hicksville station in Nassau County on the LIRR Main Line
 - Massapequa station in Nassau County on the Babylon Branch
 - Island Park station in Nassau County on the Long Beach Branch
 - Port Jefferson station in Suffolk County on the Port Jefferson Branch
 - Ronkonkoma station in Suffolk County on the LIRR Main Line
 - Speonk station in Suffolk County on the Montauk Branch
 - Far Rockaway station in Queens on the Far Rockaway Branch
 - Bethpage station in Nassau County on the LIRR Main Line
 - Farmingdale station in Nassau County on the LIRR Main Line
 - Kings Park station in Suffolk County on the Port Jefferson Branch
 - Wyandanch station in Suffolk County on the LIRR Main Line

Summary

The work will vary by location but will generally involve grading and removal/installation of subbase material, milling of existing top course of asphalt, installation of asphalt binder course and top course, tack coating, striping of parking areas, restoration of ADA designated areas, and installation of adjustable elevation rings for existing manholes and subsurface utilities boxes. The work will also include the installation of new drywells, protective bollards, signage, replacement of curbing/sidewalks and installation of detectable warning fields.

The budget for this project is \$17,100,000. This request is for \$5,560,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency	ACEP ID
Long Island Rail Road	L8020502
Project Name	Planning Number / PIN
Small Business Mentoring Program - Parking	
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to rehabilitate a series of commuter parking lots for the Long Island Rail Road. These commuter parking lots are located at the following station locations: Babylon, Hicksville, Massapequa, Island Park, Port Jefferson, Ronkonkoma, Speonk, Far Rockaway, Bethpage, Farmingdale, Kings Park and Wyandanch.

Units/Locations/Limits

- Locations include commuter parking lots at the following locations:
- Babylon station in Suffolk County on the Babylon / Montauk Branch
 - Hicksville station in Nassau County on the LIRR Main Line
 - Massapequa station in Nassau County on the Babylon Branch
 - Island Park station in Nassau County on the Long Beach Branch
 - Port Jefferson station in Suffolk County on the Port Jefferson Branch
 - Ronkonkoma station in Suffolk County on the LIRR Main Line
 - Speonk station in Suffolk County on the Montauk Branch
 - Far Rockaway station in Queens on the Far Rockaway Branch
 - Bethpage station in Nassau County on the LIRR Main Line
 - Farmingdale station in Nassau County on the LIRR Main Line
 - Kings Park station in Suffolk County on the Port Jefferson Branch
 - Wyandanch station in Suffolk County on the LIRR Main Line

Summary

The work will vary by location but will generally involve grading and removal/installation of subbase material, milling of existing top course of asphalt, installation of asphalt binder course and top course, tack coating, striping of parking areas, restoration of ADA designated areas, and installation of adjustable elevation rings for existing manholes and subsurface utilities boxes. The work will also include the installation of new drywells, protective bollards, signage, replacement of curbing/sidewalks and installation of detectable warning fields.

The budget for this project is \$11,200,000. This request is for \$6,720,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Long Island Rail Road	ACEP ID L8030104
Project Name 2022 and 2023 Annual Track Program	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to continue the cyclical State of Good Repair (SGR) track program, based upon age and condition. The annual replacement needs are designed to replace segments of track before defects occur, and to ensure reliability of service by avoiding unscheduled/lengthy delays due to track failure. This serves to maximize the work efficiency while also minimizing impacts to customers.

Units/Locations/Limits

This project will replace various track system components throughout the LIRR network.

Summary

Major track component activities include: replacing switches and installing new switches, cyclical replacement of mechanized ties, thermite welding, continuous welded rail (CWR), wood ties, concrete turnouts, wood turnouts, grade crossing renewal, track surfacing and surfacing of interlocking switches, undercutting, rail profiling and joint elimination. Work is performed throughout the LIRR system, with selected branches or branch segments targeted to maximize the use of track time and to coordinate track outages with other infrastructure work.

The budget for this project is \$585,000,000. This request is for \$249,010,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Long Island Rail Road	ACEP ID L8030403
Project Name Hall Interlocking Expansion	Planning Number / PIN
County/Borough: Queens	Zip Code

Object/Purpose of Project

This project will construct a new closed-deck rail bridge over 150th Street and Atlantic Track 1. This project is an element of Jamaica Capacity Improvements – Phase II, which completes the Jamaica reconfiguration, increasing overall capacity, reducing customer travel time and improving system reliability. The eastern extension of the E-Yard tracks over 150th Street and the modifications to Guy Brewer Boulevard Bridge structures will add new routes through the center of the Hall Interlocking, with access to the Main Line and the Montauk Branch tracks.

Units/Locations/Limits

Project location is Hall Interlocking in Jamaica, Queens.

Summary

The project will require the construction of a new closed-deck rail bridge over 150th Street and Atlantic Track 1 which includes: new track, turnouts/crossovers, third rail, utility conveyance systems, associated retaining structures, structural modifications at Guy Brewer Boulevard, and extending/raising Tracks E2 and E3.

The budget for this project is \$150,000,000. This request is for \$150,000,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency
Long Island Rail Road

ACEP ID
L8040202

Project Name
Tunnel Replacements and Upgrades

Planning Number / PIN

County/Borough: Multiple

Zip Code

Object/Purpose of Project

This project replaces and upgrades selected exit hatchways in the Atlantic Avenue Tunnel. Tunnel hatchways provide a safe, reliable and accessible means of egress in the event of an emergency. Under this project, the structural and mechanical elements, as well as lighting and signage, will be rehabilitated. Each hatchway will be replaced with new staircases and a new double leaf hatchway door.

Units/Locations/Limits

The Atlantic Avenue Tunnel Hatchways are located on the LIRR's Atlantic Avenue Branch in Brooklyn and Queens, NY.

Summary

Scope of work includes the renewal of tunnel floor beams and vents, demolition of the existing sidewalk, curb, roadway, hatch and stairs; and installation of a new sidewalk, curb, roadway, hatch and stairs, visual characteristics of the rehabilitation of the walls, installation of new emergency evacuation tunnel lights, and signs.

The budget for this project is \$5,000,000. This request is for \$1,400,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Long Island Rail Road	ACEP ID L8050101
Project Name Communication Pole Line	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to survey and replace deteriorated line poles and applicable hardware at various locations along the railroad right-of-way. These poles carry the cable lines providing communication services to the LIRR. This includes fiber optic cables (data, telephones, CCTV), signal cabling, supervisory systems, substation control lines, and associated communication copper cables.

Units/Locations/Limits

Replace approximately 125 poles per year (500 per capital program) at various locations.

Summary

This project includes removal of non-hazardous cable, identifying asbestos containing materials for abatement, replacing existing poles, removing old poles, installation of new poles as needed to rebuild existing and failing pole lines. Ancillary hardware at locations identified in the condition assessment would also be replaced including existing deteriorated anchors, insulators, brackets, ground rods/clamps, U Guards, hand holes, c-cases, pole mounted cable boxes, and all other hardware, as applicable, will be replaced with new line equipment.

The budget for this project is \$8,000,000. This request is for \$4,640,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Long Island Rail Road	ACEP ID L8050102
Project Name Communication Component Replacement	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The LIRR Communications Department's forty-eight (48) volt Direct Current (VDC) power and battery backup plants/Uninterruptible Power Supplies (UPS) are the primary means of power and power redundancies to operational mission critical applications such as the LIRR Fiber Optic Network (FON) network components, LIRR Audio Visual Paging System (AVPS) digital signs, CCTV network switches, LIRR vital voice Private Branch Exchange (PBX), LIRR VHF vital voice radio bases UPS, and LIRR Help Points.

Units/Locations/Limits

Multiple

Summary

Replacement/upgrade of the current 48 VDC power plants/ UPS, batteries and supporting ancillary equipment with new efficient batteries and rectifier units to provide adequate surge protection and limited off-grid runtime for all equipment housed in communication rooms and huts throughout the LIRR system. Power plants and UPS equipment will be connected to the network for real-time and proactive monitoring. In addition, this project will also furnish and install upgraded HVAC and electrical feeder equipment to cool high-temperature communication rooms and huts at various locations throughout in the LIRR system. Dependent on location, work may include the modification and/or relocation of fans, installation of self-contained or wall mounted AC units, or installation of split AC units with associated duct work and refrigerant piping.

The budget for this project is \$8,000,000. This request is for \$4,640,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

Long Island Rail Road

ACEP ID

L8050205

Project Name

Signal Normal Replacement Program

Planning Number / PIN

County/Borough: Multiple

Zip Code

Object/Purpose of Project

The purpose of this project is to renew and upgrade the existing signal equipment across the LIRR network, in order to maintain a state of good repair. This project will replace various signal system components that have reached and/or exceeded their useful life based on a recent condition assessment. The prioritization of equipment replacement will be based upon equipment failure instances and field surveys.

Units/Locations/Limits

Multiple

Summary

The signal equipment to be replaced includes relays, cables, batteries, switch machines, huts, signals, crossing gate mechanisms, impedance bonds, cases and associated components, and upgrade and replacement of lightning protection.

The budget for this project is \$60,400,000. This request is for \$6,600,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency	ACEP ID
Long Island Rail Road	L70604YJ
Project Name	Planning Number / PIN
Mentor Allowance - Shops and Yards	
County/Borough: Queens	Zip Code

Object/Purpose of Project

This project will utilize contractors procured under the MTA’s Small Business Development Program. A contractor from the MTA’s Small Business Development Program (SBDP) will perform this construction. The work includes:

Hillside Loading Dock Exhaust Improvements:
This project will replace and upgrade the loading dock exhaust system for the Hillside Support Facility Building 2.

Hillside Support Facility Cable Shop HVAC Unit replacement:
The project will replace the unit which is at the end of its useful life. In addition to the unit requiring replacement, the unit needs to be relocated away from the roof’s edge to a location where it can safely be accessible for maintenance.

Units/Locations/Limits

The LIRR’s Hillside Support Facility Building is located 93-59 183rd Street in Jamaica, Queens, off of the LIRR Main Line.

Hillside Loading Dock Exhaust Improvements: runs along the east side of 183rd Street

Hillside Support Facility Cable Shop HVAC Unit replacement: Hillside Support Facility

Summary

Hillside Loading Dock Exhaust Improvements:
At Hillside Support Facility Building 2, the loading dock which runs along the east side of 183rd Street has five integral bays. The purpose of this project is to replace the existing vehicle exhaust system within the loading dock with a more effective one. These bays are equipped with three existing ceiling-mounted exhaust units that currently serve all five bays. This existing system has proven to not serve its purpose, by allowing vehicle exhaust to enter the building, causing a health and safety concern.

Hillside Support Facility Cable Shop HVAC Unit replacement:
The Cable shop at the LIRR’s Hillside Support Facility, located in Hollis, Queens, is equipped with an existing gas fired rooftop package unit that provides heating and cooling for offices and locker rooms. This unit is at the end of its useful life and requires replacement. In addition to the unit requiring replacement, the unit needs to be relocated away from the roof’s edge to a location where it can safely be accessible for maintenance.

The budget for this project is \$6,000,000. This request is for \$6,000,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Long Island Rail Road	ACEP ID L8060401
Project Name Rehabilitation of Employee Facilities – Various Locations	Planning Number / PIN
County/Borough: Brooklyn	Zip Code

Object/Purpose of Project

Rehabilitation of Atlantic Terminals HVAC
The purpose of this project is to rehabilitate the Atlantic Terminal Station bringing it to a state of good repair (SGR).

The project will replace all damaged structural beams, provide new or upgraded HVAC systems in selected areas, evaluate the condition of the fan plant and identify any necessary upgrades, upgrade existing electrical services and provide new service at the plaza level.

Further upgrades will include relocation of existing communication room, new LED lighting, new station signage, new station amenities (USB charging ports, digital information signage, trash cans, historic photos, etc.), new Building Management System (BMS), FDNY's radio communication repeater system, fire pumps, new fire alarm system for emergency hatches and new emergency call buttons with help stations.

The project will rehabilitate the customer waiting area, platform emergency hatches, platform C and track 5 components (employee facilities), ticket office, restrooms, LIRR platforms and the staircase enclosures leading from the LIRR platforms to the subway passageway.

The project will also upgrade security through additional camera coverage, upgrades to video management system components (camera and servers), panic hardware, alarms, and door hardware.

Units/Locations/Limits

Atlantic Terminal Station is located beneath a concrete-paved plaza bounded by Flatbush Avenue, Atlantic Avenue, Hanson Place and Fort Greene Place, in Brooklyn, NY.

Summary

The project will rehabilitate the customer waiting area, platform emergency hatches, platform C and track 5 components (employee facilities), ticket office, restrooms, LIRR platforms and the staircase enclosures leading from the LIRR platforms to the subway passageway.

The project will also upgrade security through additional camera coverage, upgrades to video management system components (camera and servers), panic hardware, alarms, and door hardware.

The budget for this project is \$43,200,000. This request is for \$34,390,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency	ACEP ID
Long Island Rail Road	L8060405
Project Name	Planning Number / PIN
Small Business Mentoring Program – Employee Facilities	
County/Borough: Queens	Zip Code

Object/Purpose of Project

This project will replace/upgrade various building components at the LIRR’s Finance and Administration Building #2 and will replace windows and perform roof repair work at the LIRR’s Hillside Support Facility Building #2.

The Long Island Rail Road (LIRR) requires the services of a Contractor to perform various improvements to the Finance and Administration (Building # 2). These components have reached the end of their usable life and their upgrade will result in a much more comfortable work environment for LIRR employees.

LIRR also will have a contractor perform furnishing and installing new windows on the 4th floor of the Hillside Support Facility Building #2, and roof repair work on Building #2.

Units/Locations/Limits

The LIRR’s Finance and Administration Building #2 is located at 146-01 Archer Avenue in Jamaica, Queens. The LIRR’s Hillside Support Facility Building #2 is located 93-59 183rd Street in Jamaica, Queens.

Summary

For the Finance and Administration Building #2, work will include the following activities, to be performed by a Small Business Mentor Program firm with support activities provided by LIRR forces:

- Replacement of the existing 4670 SF spray foam roof including copings and drains.
- Replacement of the HVAC System, including associated duct work and select electrical work.
- Replacement of 29 aluminum windows located throughout the building.
- Capping of the existing masonry chimney.
- Replacement of 1 bulkhead door and frame on roof of building.
- Repair an 1,800 SF section of sidewalk fronting Archer Avenue.
- Patching and painting of drywall in the locations of replaced windows.
- Removal, storage and reinstallation of ceiling tiles in locations where necessary to perform HVAC duct work.
- Installation of select electrical components to bring power to new HVAC equipment.

For the Hillside Support Facility Building #2, work will include the following activities:

- Create Rigging, Site Mobilization, and Phasing Plans.
- Erection of scaffolding and NYCDOT sidewalk shed at building perimeter.
- Remove and dispose of 238 existing windows and frames (1,030 linear feet of windows).
- Furnish and install 238 new windows and aluminum frames.
- Conduct incidental masonry repairs, replacement of metal parts and steel lintels.
- Perform rough carpentry to patch drywall
- Furnish and install new window blinds (only for a for a subset of windows for which existing blinds are broken).
- Remove and dispose deteriorated/blistered sections of existing spray foam roof system totaling approximately 25% and replace with a new foam and silicone coating to match existing.

The budget for this project is \$21,800,000. This request is for \$7,736,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Long Island Rail Road	ACEP ID L8070102
Project Name Lighting Improvements	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

Yard Lighting and Amenities:
The purpose of this project is to continue the state of good repair (SGR) replacement of lighting. The program is based on a twenty-five year useful life of fixtures, switchgear and wiring due to the highly corrosive environments in which they reside.

Atlantic Avenue Tunnel Lighting:
The purpose of this project is to continue the multi-phase efforts to replace and upgrade the lighting within the LIRR's Atlantic Avenue Tunnel.

Units/Locations/Limits

The Hillside Support Facility (HSF) train yard is located in Hollis, Queens and the Morris Park train yard is located in Richmond Hill, Queens.

The Atlantic Avenue Tunnel is located directly underneath Atlantic Avenue in Brooklyn and Queens, NY.

Summary

Yard Lighting and Amenities:
Scope will include replacement of high mast poles and light fixtures with new poles and LED lights at the Hillside Support Facility (HSF) train yard and at the Morris Park train yard.

Atlantic Avenue Tunnel Lighting:
This phase of the project will replace areas of the tunnel lighting between East New York (Brooklyn) and Dunton (Richmond Hill, Queens). This project will also replace all light fixtures, hardware, wiring, and other associated system components. All newly installed lighting will be LED.

The budget for this project is \$18,000,000. This request is for \$6,400,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency
Long Island Rail Road

ACEP ID
TRANTECH

Project Name
Transit Technical Assistance

Planning Number / PIN

County/Borough: Multiple

Zip Code

Object/Purpose of Project
This project provides for the development and implementation of a comprehensive campaign to increase transit usage on Long Island, directed to both employers and residents.

Units/Locations/Limits
Nassau and Suffolk Counties in Long Island, NY

Summary
The campaign includes, but is not limited to, developing program materials and initiatives, generating awareness, canvassing train stations and communities, working with other Long Island public transit organizations, developing informational campaigns – including green initiatives such as, Car Free Day LI (part of a worldwide event each September), meeting with employers to share information, participating in local employee fairs at hospitals, colleges and at corporate offices, and delivering presentations/webinars to groups. In addition, there are many future major LIRR projects, including the Expansion/Third Track project and East Side Access, which will require the assistance of public outreach to build awareness, provide feedback and attract new customers, especially in the Reverse Commute market segment. In addition, analyze areas where demand for expanded transit services exists to serve Long Island residents and businesses better and increase awareness of fare options and the variety of fare media, including the new OMNY fare payment, being offered while increasing awareness of new fare media options.

The budget for this project is \$500,000. This request is for \$400,000.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID 882396
Project Name Haverstraw-Ossining Ferry	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The Haverstraw-Ossining Ferry Service began in 2000 and since its inception it has helped to alleviate the demand for parking at the Tarrytown station and continues to ease traffic congestion over the Governor Mario M. Cuomo Bridge.

Units/Locations/Limits

Ferry Service - Haverstraw/Ossining.

Summary

Service began on the Haverstraw-Ossining route in 2000 with the goal of alleviating the demand for parking at the Tarrytown station and to help with traffic congestion over the Governor Mario M. Cuomo Bridge. This ferry saves up to 40 minutes of travel time round trip to/from New York City, and improves access to local Westchester and Bronx venues as well. The Haverstraw dock/parking facility has room for over 300 cars and is easily accessible by major roadways. There are 16 ferry trips daily, in the AM and PM peak hours, with a Guaranteed Ride Home taxi service component in place when the ferry is not scheduled to operate.

The estimated operating cost for service is \$5.13 million. The request is for \$5.13 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID 882399A
Project Name Newburg-Beacon Ferry	Planning Number / PIN
County/Borough: Dutchess / Oran	Zip Code

Object/Purpose of Project

The Newburgh-Beacon Ferry service began in 2005 and has provided an alternative method of transportation to Metro-North's customers to and from the Beacon train station. The Ferry reduces the demand for parking at the Beacon station and helps with traffic congestion on the Newburg-Beacon Bridge and in the City of Beacon, and saves up to 40 minutes of travel time round trip to/from New York City. The Ferry also serves to advance the economic development of the region, particularly regarding waterfront development on both sides of the Hudson River.

Units/Locations/Limits

Ferry Service - Newburgh/Beacon.

Summary

There are 14 trips made each weekday during the AM and PM peak periods. The ferry saves customers up to 20 minutes per day in travel time and improves access to local communities, e.g. - Orange – Dutchess access and access to Westchester/Bronx. A Guaranteed Ride Home taxi service is in place for times when the ferry is not scheduled to operate.

The estimated operating cost for service is \$4.03 million. The request is for \$4.03 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID 882399B
Project Name Newburgh-Beacon Ferry Landing Dock	Planning Number / PIN
County/Borough: Orange	Zip Code

Object/Purpose of Project

This project purpose is to replace the existing ferry landings at the Newburgh and Beacon docks. The project will provide permanent ferry landings to replace the temporary spud barges that currently serve the ferry.

Units/Locations/Limits

Newburgh-Beacon Ferry Service.

Summary

The replacement of the Newburgh-Beacon Ferry Landing project will consist of field assessment, design, permit procurement, fabrication, and installation of new ferry landings. The Newburgh ferry landing will have dimensions of 30'x90' and Beacon will be 15'x100'. Both locations will be equipped with ADA compliant ramps for customer passage as well as increased ice protection. Ice flowing along the Hudson River is what caused the destruction of the original ferry landings. The work at both locations will be under the same, federally funded, construction project.

The budget for this project is \$3.4 million. This request is for \$3.4 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M801-01-01
Project Name M-3 Replacement	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of the project is to begin replacing the aging M-3 fleet serving Metro-North's Hudson and Harlem (H & H) Lines. The M-3s are Metro-North's remaining vintage 1980 era electric cars. The new fleet will include sufficient cars to provide a seat for seat replacement.

Units/Locations/Limits

Metro North's Harlem and Hudson Lines.

Summary

Replace 140 M-3s with a modern electric car, most likely the M9A in development by the Long Island Rail Road (LIRR). The project will include the work to modify the existing LIRR specification, and the funding needed to exercise a contract option to procure up to 170 electric cars for M-3 replacement and seat loss.

The budget for this project is \$484.64 million. This request is for \$484.64 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M802-01-02
Project Name Park Avenue Tunnel Improvements	Planning Number / PIN
County/Borough: Manhattan	Zip Code

Object/Purpose of Project

The purpose of this project is to make improvements to the Park Avenue Tunnel (PAT) by improving safe means of egress out of the tunnel in the event of system emergency.

Units/Locations/Limits

Project limits will be from Park Avenue Tunnel E 57th Street to E 97th Street.

Summary

This project will consist of the design and construction of Two (2) Emergency Exits at locations to be determined by an Engineering Consultant. Metro-North Railroad tentative locations are at: E65th Street and E 79th Street. The work includes the following:

- Structural Improvements
- Mechanical Improvements
- Electrical Improvements
- Safety: Fire and Life Safety Improvements, and
- Security System Improvements

The budget for this project is \$159.59 Million. This request is for \$159.59 Million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

Metro-North Railroad

ACEP ID

M802-01-04

Project Name

GCT Mentoring- Park Avenue Tunnel Emergency Exit Hatches & Stair

Planning Number / PIN

County/Borough: Manhattan

Zip Code

Object/Purpose of Project

This project will provide replacement of existing emergency exit hatches and stairs along the Park Avenue Tunnel (PAT). The replacement exit hatches and stairs will preserve a safe means of egress out of the tunnel in the event of system emergency.

Units/Locations/Limits

The existing Park Avenue Tunnel emergency exits are located at East 59th, East 72nd and East 86th Streets.

Summary

The replacement of emergency exit hatches and stairs in the Park Avenue Tunnel will consist of a condition assessment, design, prioritization of procurement of a total of 12 emergency exit hatches and stairs along with construction under four (4) separate Tier II third-party mentoring contracts. The existing hatches and stairs are painted with lead-based paint, requiring lead contaminated waste disposal. The existing deteriorated hatches and stairs will be replaced with new ones that are more robust and durable, and deteriorated structural elements will be repaired or replaced.

The budget for this project is \$8.42 million. This request is for \$8.42 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M802-02-02
Project Name Harlem Line Station Renewal	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project includes the design and construction for a phased renewal of station components at Metro North's Woodlawn, Botanical Gardens and Williams Bridge Stations on Harlem Line. Upgrades at the stations may include new platforms, canopies, lighting, improved customer information systems, and modernized passenger waiting areas.

Units/Locations/Limits

Metro North Stations: Woodlawn, Botanical Gardens, Williams Bridge Harlem New York State.

Summary

Project scope for each station may include the following:

- Replace or rehabilitate existing concrete platform and canopy structures
- Expand canopy coverage compared to existing platforms
- Repair or replace existing stairs and ramps
- Upgrade electrical systems
- Install new lighting, new customer service information systems, and new shelters
- Make repairs to other station areas (entrance plazas, underpasses, etc.)
- Construction of new elevators at Woodlawn and Williams Bridge

The budget for this project is \$181.90 million. This request is for \$181.90 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M802-03-01
Project Name Brewster Yard Improvement – SE Parking	Planning Number / PIN
County/Borough: Putnam	Zip Code

Object/Purpose of Project

The Brewster Yard must be expanded and reconfigured in order to provide capacity for current and future service levels on the busy Harlem Line. In order to expand the Brewster Yard and reconfigure it to accommodate train storage and service requirements, the customer parking which is currently located north of the existing yard will need to be relocated with the replaced/enhanced parking to be constructed on a 52-acre Metro-North owned parcel of property on the east side of the Southeast Station.

Units/Locations/Limits

Metro-North Railroad Harlem Line: Brewster, NY.

Summary

The major scope elements include the relocation/replacement of the existing Southeast Station surface parking lot with a new facility/garage including a flyover access bridge, construction of a new North Yard within the original parking facility location, and the reconfiguration and upgrade of the existing South Yard. Under this project, the relocation/replacement of the existing Southeast Station surface parking lot including access bridge, will be designed and constructed.

The budget for this project is \$129.37 million. This request is for \$129.37 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M803-01-01
Project Name Cyclical Track Program	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This program maintains Metro-North's track in a state of good repair ensuring that the physical plant does not deteriorate requiring none programmed replacement. This program continues the replacement program undertaken in previous Capital Programs. This project provides for the replacement of the ties and rail along with cyclical surfacing required throughout the entire Metro-North territory East of the Hudson River in New York State. This project provides for the replacement of ties, rail, surfacing, and replacement of insulated joints.

Units/Locations/Limits

Metro-North Railroad systemwide.

Summary

This project provides for the replacement of the ties and rail along with cyclical surfacing required throughout the entire Metro-North territory East of Hudson River in New York State.

The budget for this project is \$74.45 million. This request is for \$74.45 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M803-01-02
Project Name Cyclical Replacement of Insulated Joints	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
Metro-North is federally mandated to comply with signal safety standards, Title 49, part 213 of the Federal Railroad Administration (FRA). Metro-North's Maintenance of Way forces inspect and test all signal equipment according to FRA and MNR Signal department standards. The insulated joint is a device that gives no warning prior to failure and the only corrective measure is its replacement. Unfortunately, when an insulated joint fails it disrupts train speed and movement resulting in train delays. With this project the older insulated joints will be systematically replaced to extend the reliability of the signal system.

Units/Locations/Limits
Approximately 150 joints are replaced yearly by maintenance forces throughout the entire Metro-North territory in New York State.

Summary
This project will replace Insulated joints; a critical component of the signal system throughout Metro-North's territory. This State of Good Repair project will prevent the electric current from flowing between the ends of two adjoining rails, thereby creating a track circuit section and limiting in the track segments which cause train delays.

The project budget is \$2.3 million. The request is for \$2.3 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

Metro-North Railroad

ACEP ID

M803-01-03

Project Name

Turnouts: Mainline/High Speed/GCT Turnouts/Yards & Sidings

Planning Number / PIN

County/Borough: Multiple

Zip Code

Object/Purpose of Project

This project maintains Metro-North's turnouts in a state of good repair ensuring that interlockings do not deteriorate. This project provides for the replacement of interlocking turnouts throughout the entire Metro-North territory in New York State that are at the end of their useful life.

Units/Locations/Limits

Metro-North Railroad System-wide. Mainline Turnouts will be replaced between CP 3 (125th Street) and CP 35 (Croton Harmon) as well as CP 39 (Cortlandt) to CP 72 (Poughkeepsie) on the Hudson line. Crew members will also replace Mainline Turnouts between CP 106 (Melrose) to CP 123 (North White Plains) as well as CP 124 (North White Plains) to CP 152 (Southeast) on the Harlem line. GCT Turnouts will be replaced on the upper and lower levels respectively. Yard Turnouts will be replaced on an as needed basis when crews are available.

Summary

This project will provide for replacement of turnouts at various locations throughout the Metro-North region. The high level of traffic on Metro North results in heavy usage of track switches causing a need for cyclical replacement and renewal. Interlockings are vital in providing the ability to move around track work, a disabled train or other operational impact. For a railroad to operate at maximum efficiency it is essential to maintain the track system (running rails, stock rail, switch point, switch machine, frog, ballast, ties, etc) in good condition. The operation of the railroad relies on switching moves through interlockings. If the ability is not there to make crossover moves, this could have an adverse effect for the safety of the passengers and reliability of the service.

The budget for this project is \$86.65 million. This request is for \$86.65 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M803-01-04
Project Name Rock Slope Remediation	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this program is to ensure safe passage of both revenue and non-revenue equipment throughout the New York State Territory, East and West of Hudson.

Units/Locations/Limits
Various Locations in New York State.

Summary
This project will provide for rock slope inspection and stabilization at various locations system wide. The work being performed will include stabilization of priority slopes by rock face clearing and scaling, installation of rock bolts, cable mesh, avalanche fence, and shot-crete, field engineering services, installation of temporary facilities, and maintenance and protection of street traffic. There are approximately 185 rock slopes East of Hudson (113 Hudson Line, 60 Harlem Line, 12 New Haven Line). This is a continuation of ongoing rock slope remediation program. Annual inspections are performed to prioritize site assessments of each rock slope and then sites are remediated (stabilized)

The budget for this project is \$15.00 million. This request is for \$15.00 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M803-01-06
Project Name ROW Drainage Improvements	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The project objective is to upgrade existing drainage systems and provide new drainage systems to address problems of track bed drainage and flooding, which has resulted in constant maintenance problems and loss of service during a major storm event. This project shall achieve these objectives with creative, cost-conscious solutions that satisfy permitting and regulatory requirements, and that can be constructed with minimal disruptions to service. Location of planned drainage improvements may include but not limited to the Melrose Tunnel located in the Bronx on the Harlem Line.

Units/Locations/Limits

Various locations, potentially including Melrose Tunnel located in the Bronx on the Harlem Line.

Summary

The scope of work generally includes installation of underdrains, catch basins to collect the storm water from a larger area and allow a regulated discharge to the NYC sewers or the town sewers. The drainage pattern at each location is unique due to its topography, configuration of existing sewerage connections has a unique drainage permit from the Department of Environmental Protection (DEP). The work at Melrose tunnel would address the drainage and flooding caused by broken water pipes from adjacent NYCHA buildings above the tracks, poor drainage at track areas, and potential water emanating from a NYC water main.

The budget for this project is \$8.57 million. This request is for \$8.57 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

Metro-North Railroad

ACEP ID

M803-01-07

Project Name

Maintenance of Way Equipment

Planning Number / PIN

County/Borough: Multiple

Zip Code

Object/Purpose of Project

This project provides for the annual replacement of Maintenance of Way (M of W) Equipment that has reached the end of their useful life. Metro-North Railroad (MNR) operates a fleet of M of W Equipment that assists in the maintaining of MNR's track in a state of good repair ensuring that the physical plant does not deteriorate requiring un-programmed replacement in a very short time frame.

Units/Locations/Limits

Various types of heavy maintenance equipment that has reached its end of useful life. This may include items such as milling machine, stabilizer, junior tamper, tie crane, backhoe with trailer, asphalt paver with trailer, industrial fork truck, hi-rail track excavator with trailer, asphalt roller with trailer, utility/work implement vehicle, shop floor cleaning machine, hammer spiker, mini loader backhoe with snow blower, and rough terrain scissor lift.

Summary

Metro North will look upgrade its fleet of Maintenance of Way (M of W) Equipment that is utilized to maintain its track in a state of good repair.

The budget for this project is \$16.64 million. This request is for \$16.64 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M703-02-03
Project Name Undergrade Bridge Rehabilitation	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
This project will perform replacement/repair of various undergrade bridges located on the Harlem, Hudson and New Haven Lines.

Units/Locations/Limits
Two undergrade truss bridges known as HA 14.57, located in Fleetwood, NY, and HA 19.35, located in Scarsdale, NY are proposed for replacement.

Summary
This project will support the preliminary design for the replacement of truss bridge HA 14.57, located in Fleetwood, NY, and truss bridge HA 19.35, located in Scarsdale, NY via a third-party consultant.

The budget for this project is \$82.72 million. This request is for \$3.15 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M803-02-01
Project Name Park Avenue Viaduct Replacement	Planning Number / PIN
County/Borough: Manhattan	Zip Code

Object/Purpose of Project

The purpose of this project is to perform repairs/replacement of large portions of the Park Avenue Viaduct – located on the Hudson Line in northern Manhattan. During the first phase of the Viaduct replacement program, a design-builder will be engaged to design and replace the steel Viaduct starting from East 115th Street and continuing north. Sections of the Viaduct not scheduled for replacement will be rehabilitated.

Units/Locations/Limits

Northern Manhattan from East 97th Street to the Harlem River.

Summary

This project will progress the repair/replacement of the 127-year-old viaduct with inspection, design and construction of the repair package and with the first phase of the replacement package to assure that this critical major structure remains in service and trains can continue to serve Manhattan and Grand Central Terminal.

The budget for this project is \$550.00 million. This request is for \$550.00 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

Metro-North Railroad

ACEP ID

M803-02-02

Project Name

Undergrade Bridge Rehab. - East of Hudson

Planning Number / PIN

County/Borough: Multiple

Zip Code

Object/Purpose of Project

The purpose of the project is the repair and replacement of bridges over or supporting the railroad right-of-way which are approaching the end of their useful lives, or do not meet current condition assessment criteria. The project is based on analysis of asset inventory and condition (FRA mandated Bridge Management Program) and historic capital investments trends. The project is a continuation of Undergrade Bridge work performed in previous Capital Programs.

Units/Locations/Limits

This project will perform replacement/repair work on various bridges located on the Harlem, Hudson and New Haven Lines

Summary

This project will repair and replace bridges over or supporting the railroad right-of-way approaching the end of their useful lives. The project is a continuation of undergrade bridge work performed in previous Capital Programs.

The budget for this project is \$77.61 million. This request is for \$77.61 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

Metro-North Railroad

ACEP ID

M803-02-03

Project Name

Overhead Bridge Program

Planning Number / PIN

County/Borough: Multiple

Zip Code

Object/Purpose of Project

This project is a continuation of bridge work initiated in previous capital programs. Metro-North will continue to repair or replace bridges listed in serious to critical states of repair and over 100 years old. The overhead bridges carry local traffic over the right-of-way and any failure, even relatively minor in nature may disrupt rail and local traffic. The bridges in the program cross the rights-of-way on all of Metro-North lines. Failure of the structure could disrupt rail service for an extended period of time.

Units/Locations/Limits

This project will perform replacement/repair work on various bridges located on the Harlem, Hudson and New Haven Lines.

Summary

This project provides for the rehabilitation or replacement of overhead bridges East of Hudson that are in critical state of repair.

The budget for this project is \$75.98 million. This request is for \$75.98 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

Metro-North Railroad

ACEP ID

M803-02-04

Project Name

Railtop Culverts

Planning Number / PIN

County/Borough: Multiple

Zip Code

Object/Purpose of Project

The focus of this project is to replace railtop to roadways, railtop culverts, as well as culverts and drainage systems that have exceeded their useful life. There are 39 locations with railtop culverts on the Hudson Line and 23 locations with railtop culverts on the Harlem Line, for a total of 62 locations, most of which are over 100 years old.

Units/Locations/Limits

Harlem, Hudson, & Port Jervis Lines (New York State only)

Summary

Railtop culverts have been prioritized for replacement based on condition. Metro-North forces fabricate, assemble and install the new structure made of wide flange steel beams imbedded in a concrete slab.

The budget for this project is \$4.55 million. This request is for \$4.55 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M803-02-05
Project Name Bridge Walkways	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to construct employee walkways attached to various undergrade bridges on the Harlem, Hudson and Port Jervis lines in New York State. All design and construction are performed by in-house forces.

Units/Locations/Limits

Various locations on the Harlem, Hudson and Port Jervis lines in New York State.

Summary

Metro-North's approach is to systematically install the bridge walkways in order to comply with the Bridge Worker Safety Standards and to protect the safety of the employees. Locations are prioritized for investment based on the severity of dangers to an employee posed by the type of bridge structure and its location

The budget for this project is \$2.28 million. This request is for \$2.28 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

Metro-North Railroad

ACEP ID

M803-02-06

Project Name

Replace Undergrade Bridge Timber

Planning Number / PIN

County/Borough: Multiple

Zip Code

Object/Purpose of Project

This project is a continuation of the cyclical work under previous Capital Programs to renew undergrade open deck bridge timbers on various bridges located on the Harlem, Hudson, Port Jervis, and New Haven Lines.

Units/Locations/Limits

Various undergrade open deck bridges located on the Harlem, Hudson, Port Jervis, and New Haven lines (New York State only).

Summary

This project will renew undergrade open deck bridge timbers that are nearing or have exceeded their useful lives. The project is a continuation of cyclical undergrade bridge timber replacement performed in previous Capital Programs.

The budget for this project is \$4.55 million. This request is for \$4.55 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M803-02-07
Project Name Right-of-Way Fencing	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project is a continuation of the cyclical work under previous Capital Programs to install fencing, gates, and/or pedestrian barriers to prevent trespassing at various locations along the right-of-way on the Harlem, Hudson, Port Jervis, and New Haven Lines in New York State.

Units/Locations/Limits

Various locations along the right-of-way on the Harlem, Hudson, Port Jervis, and New Haven lines (New York State only).

Summary

This project will replace, renew, and/or install brand-new fencing, gates, and/or pedestrian barriers to prevent trespassing at various locations along the right-of-way on the Harlem, Hudson, Port Jervis, and New Haven Lines in NYS. The project is a continuation of cyclical work performed in previous Capital Programs.

The budget for this project is \$1.14 million. This request is for \$1.14 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

Metro-North Railroad

ACEP ID

M803-02-08

Project Name

Hudson Line Tunnels

Planning Number / PIN

County/Borough: Multiple

Zip Code

Object/Purpose of Project

This project will perform repairs on the Hudson Line Tunnels based on the in-depth inspection and report on tunnel deficiencies and areas of concern detailed in the Design Recommendation Report produced for each tunnel as part of the 2015-2019 Capital Program. The Design Recommendation Report described and prioritized repair work for each tunnel and included construction costs impacts, schedules, impact to operations and described permits required for the work to proceed.

Units/Locations/Limits

Hudson Line Tunnels:

- Oscawana Tunnel, located south of Cortlandt Station
- Middle Tunnel, located between Peekskill and Manitou Stations
- Little Tunnel, located between Peekskill and Manitou Stations
- Fort Montgomery Tunnel, located between Peekskill and Manitou Stations
- Garrison Tunnel, located north of Garrison Station
- Breakneck Tunnel, located between Cold Spring and Beacon Stations.
- New Hamburg Tunnel, located next to the New Hamburg Station

Summary

This project will rehabilitate the tunnels to a state of good repair and safety compliance.

Repairs include some of the following:

Repairs to cracks and spalls in the concrete tunnel sidewalls

Drainage improvements on the interiors and to the portals

Additional shotcrete at select locations along the portals

The budget for this project is \$5.69 million. This request is for \$5.69 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M803-03-01
Project Name West of Hudson Rock Slope Remediation – Pt Jervis Line	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this program is to ensure safe passage of both revenue and non-revenue equipment on the Pt. Jervis Line on the West of Hudson.

Units/Locations/Limits
Various Locations.

Summary
This project will provide for rock slope inspection and stabilization at various locations along the Pt. Jervis Line. The work being performed will include stabilization of priority slopes by rock face clearing and scaling, installation of rock bolts, and cable mesh, avalanche fence, and shot-crete, field engineering services, installation of temporary facilities, and maintenance and protection of street traffic. There are approximately 75 rock slope sites along the Port Jervis Line. The majority of these rock slopes were created with limited controlled blasting when the tracks were laid. Due to exposure of the rock slopes to the elements over time and cyclical geological changes, rock falls happen at some locations and it may pose a hazard to trains and to customers.

The budget for this project is \$11.37 million. This request is for \$11.37 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M803-03-02
Project Name West of Hudson Track Program	Planning Number / PIN
County/Borough: Orange	Zip Code

Object/Purpose of Project
This program maintains Metro-North's track in a state of good repair ensuring that the physical plant does not deteriorate requiring none programmed replacement. This program continues the replacement program undertaken in previous Capital Programs. This project provides for the replacement of the ties, rail, and switches along with cyclical surfacing required throughout the entire Metro-North territory west of the Hudson River in New York State.

Units/Locations/Limits
NJT will replace approximately 8,000 ties, replace 3 switches and surface 15 miles of track on the Port Jervis Line (West of Hudson). Rail replacement is TBD.

Summary
This project provides for the replacement of the ties and rail along with cyclical surfacing required throughout the entire Metro-North territory West of Hudson River in New York State.

The budget for this project is \$15.92 million. This request is for \$15.92 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

Metro-North Railroad

ACEP ID

M803-03-03

Project Name

West of Hudson Undergrade Bridge – Port Jervis Line

Planning Number / PIN

County/Borough: Orange

Zip Code

Object/Purpose of Project

The purpose of this project is to repair and replace select existing undergrade bridges located along the Port Jervis line that are not in a State of Good Repair (SGR). These bridges are in deficient condition and have substandard load ratings. The project includes Bridge Replacement at Smith Clove Road (JS 47.88); Repairs to existing Concrete Arch Bridge located at JS 47.90; Inspection of all UG Bridges located along the Port Jervis Line and prepare a design package to be part of the next Capital Program.

Units/Locations/Limits

- Bridge Replacement at Smith Clove Road located at JS 47.88.
- Repairs to existing Concrete Arch Bridge located at JS 47.90.
- Various undergrade bridges located along the length of the line.

Summary

This project continues the on-going West of Hudson Undergrade bridge program included in each capital program since Metro-North assumed maintenance responsibility for the Port Jervis Line. Scope will include the repair, rehabilitation or replacement of undergrade bridges at select locations on the Port Jervis Line on a prioritized basis.

The budget for this project is \$10.53 million. This request is for \$10.53 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M803-03-04
Project Name Moodna/Woodbury Viaduct Repairs	Planning Number / PIN
County/Borough: Orange	Zip Code

Object/Purpose of Project
The purpose of this project is to perform priority repairs on two major structures – Woodbury and Moodna Viaducts – located on the Port Jervis Line. A 3rd party consultant will be hired to inspect the two viaducts and identify the structural deficiencies. The consultant will develop repairs options and a design-build package to restore the viaducts to a State of Good Repair (SGR).

Units/Locations/Limits
Woodbury Viaduct (JS 55.03) located in Woodbury, NY
Moodna Viaduct (JS 50.17) located in Salisbury Mills, NY

Summary
This project will progress the rehabilitation of the 114-year-old Moodna and Woodbury viaducts with inspection, design and construction of priority repairs to enable these major structures to remain in service. These priority repairs must be made to ensure the viability of these critical infrastructure links for West of Hudson service, until they can be replaced in a future Capital Program.

The budget for this project is \$40.0 million. This request is for \$40.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M803-03-07
Project Name West of Hudson Capacity Improvements – Port Jervis Line	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this project is to begin construction of phased capacity improvements on Metro-North's Port Jervis Line (PJL) West of the Hudson River.

Units/Locations/Limits
Metro North Railroad Port Jervis Line.

Summary
The Port Jervis Line (PJL) is primarily a single track railroad for the line's 65 miles in New York State between Suffern and Port Jervis. In addition, Port Jervis is located approximately 95 miles from the Hoboken Terminus in New Jersey, without an available passenger yard between these points for servicing and storing trains. Together, these constraints limit the number of trains Metro-North can operate during the peak, off-peak and reverse peak periods.

This project will progress the strategy to provide an "Inner PJL" service that allows for more peak, off-peak, weekend and reverse peak service. Strategic capital investments will include capacity improvements including construction of new passing sidings and the construction of a Mid-Point Yard.

The budget for this project is \$100.0 million. This request is for \$100.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M704-01-01
Project Name Network Infrastructure Replacement	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
Metro-North's Fiber Optic Communication System consists of 41 node houses serviced by a core ring, which covers the entire New Haven Line, Hudson Line, Harlem Line, Grand Central communication room, Mott Haven and Beacon Line. The current Synchronous Optical Network (SONET) is approaching the end of its useful life.

In order to meet future demands for projects such as security system upgrades along with passenger station and information upgrade projects, the next generation in Optical Transport Dense Wave Division Multiplexing (DWDM) will replace the current Synchronous Optical Network (SONET).

Units/Locations/Limits
Metro-North Railroad systemwide.

Summary
This project will upgrade the Fiber Optic Communication System infrastructure.

The budget for this project is \$43.46 million. This request is for \$43.46 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M804-01-01
Project Name Harmon to Poughkeepsie Signal System	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The existing wayside signal and communication systems and infrastructure located on the Hudson Line from Croton Harmon (CP-33) to Division Post (MP-75.8) have reached the end of their useful life. This project will replace the existing wayside signal system with a higher capacity vital cab signaling system with centralized traffic control (CTC) along with all new local signal cables required at each new interlocking and intermediate location.

Units/Locations/Limits
Communication and signal Central Instrument Locations (CILs) - Hudson Line from Croton Harmon (CP-33) to Division Post, Poughkeepsie (MP-75.8).

Summary
This project will provide for the purchase of Communication and signal Central Instrument Locations (CILs) on the Hudson Line from Croton Harmon (CP-33) to Division Post (MP-75.8) along with installation of local signal cables for all new locations.

The budget for this project is \$198.0 million. The request is for \$198.0 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M804-01-02
Project Name PBX Replacement / Upgrade	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this project is to cyclically replace and upgrade Metro-North's Private Branch Exchange (PBX) systems. The PBX system, with all 13 sites working in concert with one another, provides telephone interconnection between Verizon / Frontier and all telephone lines on Metro-North properties in New York and Connecticut. It also provides low-cost telephone interconnections to various MTA locations, accomplished through a combination of leased high-speed data lines and Metro-North's fiber optic system. Advanced telecom system is essential to Metro-North achieving its goals in operating safely and efficiently, and offering a dependable transportation system to its customers.

Units/Locations/Limits
Various locations systemwide.

Summary
The purpose of this project is to replace and upgrade the PBX systems. The PBX system, locations all working in concert with one another, provides telephone interconnection between Verizon and Frontier and all telephone lines on Metro-North properties in New York and Connecticut.

The budget for this project is \$2.93 million. This request is for \$2.93 million

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M804-01-04
Project Name Network Infrastructure	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
This project will upgrade the Fiber Optic Communication System infrastructure.

Units/Locations/Limits
Metro-North Railroad systemwide.

Summary
Metro-North's Fiber Optic Communication System consists of 41 node houses serviced by a core ring, which covers the entire New Haven Line, Hudson Line, Harlem Line, Grand Central communication room, Mott Haven and Beacon Line. The current Synchronous Optical Network (SONET) is approaching the end of its useful life.

In order to meet future demands for projects such as security system upgrades along with passenger station and information upgrade projects, the next generation in Optical Transport Dense Wave Division Multiplexing (DWDM) will replace the current Synchronous Optical Network (SONET).

The budget for this project is \$12.50 million. This request is for \$12.50 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M804-01-09
Project Name Grade Crossing Improvements	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The Grade Crossing Improvements project will provide preliminary engineering for grade separation which will eliminate at-grade-crossing. This will greatly improve safety and is crucial to the safe operation of high-speed line.

Units/Locations/Limits
Various Locations in New York State.

Summary
This project will provide for the preliminary design necessary to procure design-build team to eliminate at-grade crossing at select Metro-North locations in New York State

The budget for this project is \$3.0 million. This request is for \$3.0 million

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M805-01-01
Project Name Replace Motor-Alternators in Signal Substations	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this is to provide the design documents for the replacement of existing Croton Harmon (S-34) signal substation Motor Alternator (MA) set. The current Motor Alternator (MA) sets were first installed when the cab signal system was installed in the 1980s, to provide the power at the required 100 Hz frequency. Although Motor Alternator (MA) sets can have a long service life in certain applications, it has reached the end of the service and must be replaced. Delivering reliable signal power is critical to train service operations and safety.

Units/Locations/Limits

Metro North Railroad Hudson Line.

Summary

Design the replacement of Motor Alternator (MA) set at Croton Harmon (S-34) including the following:
All necessary feeder work by commercial electric service providers that would furnish needed 480V three phase.
Service and reserve standby power to the site of renewed signal power substation
All necessary reconfiguration of existing circuits and switchgear, including any replacement wiring as needed.
Any necessary work in resiliency, for example upgraded with proper pumps and pits, and critical equipment elevated where possible, and reserve standby power as applicable to improve extreme weather resiliency.

The budget for this project is \$20.00 million. This request is for \$20.00 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M805-01-02
Project Name Substation Rehabilitation	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to replace the AC switchgear along with the circuit breakers, grounding devices, protective relays, control relays, and associated components in select substations which have exceeded their useful life.

Units/Locations/Limits

Various locations throughout the territory on the Harlem, Hudson and New Haven Lines in New York State.

Summary

Replace the AC switchgear at numerous sites in select substations that have exceeded their useful life.

The budget for this project is \$14.78 million. This request is for \$14.78 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

Metro-North Railroad

ACEP ID

M805-01-03

Project Name

Harlem Line Power Improvements

Planning Number / PIN

County/Borough: Multiple

Zip Code

Object/Purpose of Project

This program of work is to improve the power supply capacity and resiliency of the D.C. traction power supply system on the Harlem Line over the course of several Capital Programs by building a total of three (3) D.C. traction power substation in the Harlem Line.

Units/Locations/Limits

Harlem Line: Croton Falls, Golden's Bridge and Katonah.

Summary

This project is to design and construct three (3) new substations at Croton Fall, Golden's Bridge and Katonah sites. The new substations will maximize reliability, resiliency, and provide redundancy in case of power failure at the location.

The budget for this project is \$55.38 million. This request is for \$55.38 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M805-01-04
Project Name NHL Upgrade Feeder	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to provide the design documents for the underground feeders (FT1 & FT2) replacement from Bridge structure 23 (Mt. Vernon substation) to Bridge 61 (Shell substation) and the new Annex Building at Shell substation on the New Haven Line. The Annex Building will add breaker positions to Shell substation 61 allowing MNR to terminate all four feeders (FT1 & FT2 – underground; FT3 & FT4 - aerial) to enhance capacity and provide reliability and redundancy. The new Annex Building substation must be installed and existing aerial feeders (FT3 & FT4) must be connected to existing Shell substation to support the underground feeders (FT1 & FT2) replacement. Feeders FT3 and FT4 will provide power supply to MNR New Haven Line from Bridge 23 to Bridge 61 while feeders FT1 & FT2 are taken out of service and removed for replacement.

Units/Locations/Limits

New Haven Line in the New York State.

Summary

The project work shall include the following:

- Design underground ductbank system with required manholes to facilitate existing underground feeders replacement along the same alignment of the existing cable.
- Design a new power substation to accommodate the installation of new ConEdison utility supply feeders, autotransformers, distribution feeders and spare for future PSA project including all necessary safeties, switchgear, control equipment, voltage regulation, SCADA, etc.

The budget for this project is \$19.28 million. This request is for \$19.28 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M805-01-06
Project Name Hudson Line Track 1 Electrification	Planning Number / PIN
County/Borough: Westchester	Zip Code

Object/Purpose of Project

The third rail system provides 700 VDC power to the electric fleet in electrified territory throughout the system. Third Rail Plant was installed on the Hudson and Harlem Lines in the early 1980's. Third rail on the Hudson Line Track 1 from MP19.2-24.2 & 26.7-33.2 was subsequently removed due to clearance issues to allow tenant freight lines to operate. Since then, clearance issues by the freight carriers have been resolved and this system improvement for the installation of 11.5 miles of rail is vital to the operation of the railroad.

Units/Locations/Limits

Harlem Line: Dobbs Ferry

Summary

This project provides for the installation of the third rail on the Hudson Line Track 1 from MP19.2-24.2 & 26.7-33.2. Aluminum-stainless steel contact rail will be installed with newly designed fiberglass brackets, mounted atop a new fiberglass channel and suspended using all new hardware and insulators.

The budget for this project is \$11.1 million. This request is for \$11.1 million

Proposed Program of Projects Federal Fiscal Year 2022

Agency

Metro-North Railroad

ACEP ID

M805-01-07

Project Name

Replace Signal Power Transformer & Signal Sect. Switches

Planning Number / PIN

County/Borough: Multiple

Zip Code

Object/Purpose of Project

The purpose of this project is to replace approximately 30 transformers primarily Harlem Line signal power transformers which are beyond their useful life expectancy. Failure of this equipment will shut down the signal system and greatly limit the number of passenger trains that can be operated over the line, limit their speed and overall make the operation of the railroad less safe.

Units/Locations/Limits

This project will replace transformers on Metro-North's Harlem Line.

Summary

The Power Department will provide a specification for the purchase of the signal power transformers. Power Department Engineering will review submittals from manufacturers to ensure Metro North will receive the proper equipment that adheres to Metro North Specifications. Once the transformers have been approved, manufactured and factory tested, the Metro North Power Department will receive delivery of the transformers and sectionalizing switches and perform installation and testing.

The budget for this project is \$3.21 million. This request is for \$3.21 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

Metro-North Railroad

ACEP ID

M805-01-08

Project Name

Transformer Rehabilitation

Planning Number / PIN

County/Borough: Multiple

Zip Code

Object/Purpose of Project

Rehabilitate traction power transformers and their associated connecting components (such as A/C bus ducts) at five sites on the Hudson and Harlem lines. The transformers step down utility power for traction (powering electric trains) and internal substation use (such as lights, heaters, ventilation fans etc.). Significant risks of power disruption arise (i.e. electric trains can't run) as transformers become unreliable and/or reach the end of their useful life. This is a continuation of the previous program's project which is rehabilitating transformers at 6 locations.

Units/Locations/Limits

Metro-North Railroad locations: Putnam Junction, Mott Haven, Bedford Hills, North White Plains and Riverdale.

Summary

This project is to replace transformers I each of the DC Traction Power Substation at the following sites; Putnam Junction, Mott Haven, Beford Hills, North White Plains and Riverdale.

The budget for this project is \$3.43 million. This request is for \$3.43 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M805-01-09
Project Name NHL Pelham Substation Replacement (M8050104)	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this project is to replace the modular substation located at Pelham (Substation C-16 on the New Haven Line) with a permanent fixed substation. The modular substation is life-expired at thirty years old and must be replaced.

Units/Locations/Limits
Metro-North's New Haven Line in the New York State.

Summary
The project work shall include the following:

- Construct the replacement for the modular substation located at Wilson Woods, Pelham, N.Y. on the New Haven Line, Substation C-16 with a permanent fixed substation. This is the northern most substation on New Haven Line and supplies all four tracks.
- Provide and/or renew necessary feeder work by commercial electric service providers that would provide industrial-scale power (e.g. 11kV AC feeders) to the site of the replacement substation.
- Upgrade service as required to provide two independent feeders providing 2,000 kW each, current Metro-North substation standard.
Necessary reconfiguration of existing switchgear and new switching equipment allowing two segments to be "bridged" in case of a substation failure.

The budget for this project is \$29.74 million. This request is for \$29.74 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Metro-North Railroad	ACEP ID M706-01-04
Project Name West of Hudson Capacity Improvement	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The Port Jervis Line (PJL) is primarily a single track railroad for the line's 65 miles in New York State between Suffern and Port Jervis. In addition, Port Jervis is located approximately 95 miles from the Hoboken Terminus in New Jersey, without an available passenger yard between these points for servicing and storing trains. These constraints limit the number of trains Metro-North can operate during the peak, off-peak and reverse peak periods.

Units/Locations/Limits
Metro North's Port Jervis Line.

Summary
This project is to design a passenger yard between Port Jervis and Hoboken to create a phased capacity improvement on Metro-North's Port Jervis Line, West of Hudson River..

The budget for this project is \$24.23 million. This request is for \$24.23 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

Metro-North Railroad

ACEP ID

M808-01-05

Project Name

Program Administration

Planning Number / PIN

County/Borough: Multiple

Zip Code

Object/Purpose of Project

The purpose of this project is to provide administrative support of federal project in the Capital Program

Units/Locations/Limits

Metro North Railroad systemwide.

Summary

Work under this activity will support the implementation of projects under the 2022 grant.

The budget for this project is \$48.70 million. This request is for \$48.70 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency

Metro-North Railroad

ACEP ID

M808-01-06

Project Name

Program Scope Development

Planning Number / PIN

County/Borough: Multiple

Zip Code

Object/Purpose of Project

The purpose of this project is to provide scope development support of federal project in the Capital Program.

Units/Locations/Limits

Metro North Railroad Systemwide.

Summary

Work under this activity will including planning and development of projects for future grant considerations.

The budget for this project is \$20.00 million. This request is for \$20.00 million.

Proposed Program of Projects Federal Fiscal Year 2022

Agency MTA Bus	ACEP ID U7030215
Project Name Project Administration - 2017	Planning Number / PIN SF01-2588
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this project is to provide project administration to support the federally funded projects in the MTA Bus Capital Program.

Units/Locations/Limits
Multiple

Summary
Administrative activities under this project will provide continuing support for the implementation of federally funded projects within the MTA Bus Capital Program.

The estimated cost for this project is \$1.5M, of which the federal amount will be \$1.2M

Proposed Program of Projects Federal Fiscal Year 2022

Agency MTA Bus	ACEP ID U8030205
Project Name Purchase 250 Express Buses	Planning Number / PIN SF02-8753
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this project is to add funding towards the purchase of 250 Express buses to be operated throughout the City of New York.

Units/Locations/Limits
MTA Bus depots

Summary
This project adds funding towards the purchase of 250 Express buses to be operated throughout the City of New York. These replacement buses will be designated to operate in revenue service for a minimum of 12 years or 500,000 miles. These buses will meet Environmental Protection Agency (EPA) emission standards, as well as American With Disabilities (ADA) standards.

The estimated cost for this project is \$188.4M, of which the federal amount will be \$150.7M.

Proposed Program of Projects Federal Fiscal Year 2022

Agency MTA Bus	ACEP ID U8030209
Project Name Generator Replacement: Spring Creek, and College Point	Planning Number / PIN SF07-8874
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this project is to replace the generator and components at the Spring Creek, and College Point Depots.

Units/Locations/Limits
Spring Creek, and College Point Depots.

Summary
This project will replace the generators and the various components at the Spring Creek and College Point Depots that have exceeded their useful life.
Replacement will include demolition, purchase, and installation of the generators and components.

The estimated cost for this project is \$6.1M of which the federal amount will be \$4.9M.

Proposed Program of Projects Federal Fiscal Year 2022

Agency MTA Bus	ACEP ID U8030209
Project Name Boiler Replacement: Spring Creek, College Point, and LaGuardia	Planning Number / PIN SF07-8875
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this project is to replace the boilers and components at the Spring Creek, College Point, and LaGuardia Depots.

Units/Locations/Limits
Spring Creek, College Point, and LaGuardia Depots.

Summary
This project will replace the boilers and the various components at the Spring Creek, College Point, and LaGuardia Depots that have exceeded their useful life. Replacement will include demolition, purchase, and installation of the boilers and components.

The estimated cost for this project is \$3.1M of which the federal amount will be \$2.5M.

Proposed Program of Projects Federal Fiscal Year 2022

Agency MTA Bus	ACEP ID U8030209
Project Name Façade Repair at JFK, LaGuardia, and Baisley Park	Planning Number / PIN SF07-8870, 8871, 8872
County/Borough: Queens	Zip Code

Object/Purpose of Project
The purpose of this project is to repair the facades at the JFK, LaGuardia and Baisley Park Depots.

Units/Locations/Limits
JFK, LaGuardia, and Baisley Park Depots

Summary
This project will repair the facades at the JFK, LaGuardia and Baisley Park Depots. The facades are dilapidated and badly in need of repair.

The estimated cost of this project is \$15.3M of which the federal amount is \$12.2M.

Proposed Program of Projects Federal Fiscal Year 2022

Agency MTA Bus	ACEP ID U8030210
Project Name Non-Revenue Service Vehicles 2020-24	Planning Number / PIN FS01-8936
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this project is to purchase replacement non-revenue service vehicles utilized at various MTA Bus depots.

Units/Locations/Limits
MTA Bus depots

Summary
This project will purchase replacement non-revenue service vehicles utilized at various MTA Bus depots that have exceeded their useful life.

The estimated cost for this project is \$2.0M of which the federal amount will be \$1.6M.

Proposed Program of Projects Federal Fiscal Year 2022

Agency Capital Construction	ACEP ID G7110101
Project Name Penn Station Access - Pre-Design	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
This project will provide for pre-design for Penn Station Access.

Units/Locations/Limits
Amtrak's Hell Gate Line, from New Rochelle, through the East Bronx, via Randalls Island, to Sunnyside, Queens, through the East River Tunnels to Penn Station in Manhattan.

Summary
Penn Station Access will connect Metro-North Railroad to Penn Station in Manhattan via Amtrak's existing Hell Gate Line (HGL). Improvements will be made along approximately 15 miles of the existing HGL Right-of-Way (ROW), including pre-design work.
This project will provide for pre-design services for PSA.

This request is for \$15.645 million (\$12.516 million federal, \$3.129 million local).

Proposed Program of Projects Federal Fiscal Year 2022

Agency
Capital Construction

ACEP ID
G7110109

Project Name
Penn Station Access - Rolling Stock Specification

Planning Number / PIN

County/Borough: Multiple

Zip Code

Object/Purpose of Project
This project will provide for specification development for Penn Station Access rolling stock.

Units/Locations/Limits
Amtrak's Hell Gate Line, from New Rochelle, through the East Bronx, via Randalls Island, to Sunnyside, Queens, through the East River Tunnels to Penn Station in Manhattan.

Summary
Penn Station Access will connect Metro-North Railroad to Penn Station in Manhattan via Amtrak's existing Hell Gate Line (HGL). Improvements will be made along approximately 15 miles of the existing HGL Right-of-Way (ROW), including for specification development for Penn Station Access rolling stock.
This project will provide for specification for PSA rolling stock.

This request is for \$4.85 million (\$3.88 million federal, \$0.97 million local).

Proposed Program of Projects Federal Fiscal Year 2022

Agency
Capital Construction

ACEP ID
G81101XX

Project Name
Penn Station Access - Real Estate

Planning Number / PIN

County/Borough: Multiple

Zip Code

Object/Purpose of Project

This project will provide for real estate needs related to Penn Station Access, including acquisition of property and easements on Amtrak and City of New York-owned and private property. In almost all cases, MTA would acquire only portions of the private lots, which would allow the existing uses to continue.

Units/Locations/Limits

Amtrak's Hell Gate Line, from New Rochelle, through the East Bronx, via Randalls Island, to Sunnyside, Queens, through the East River Tunnels to Penn Station in Manhattan

Summary

Penn Station Access will connect Metro-North Railroad to Penn Station in Manhattan via Amtrak's existing Hell Gate Line (HGL). Improvements will be made along approximately 15 miles of the existing HGL Right-of-Way (ROW), including upgrade to power and signal systems, installation of new track and realignment of existing track, and reconstruction of railroad bridges to accommodate more trains. As part of the effort, four (4) new stations will be constructed in the East Bronx. This project will provide for real estate needs related to Penn Station Access.

This request is for \$10.0 million (\$8.0 million federal, \$2.0 million local).

Proposed Program of Projects Federal Fiscal Year 2022

Agency Capital Construction	ACEP ID G81101XX
Project Name Penn Station Access - Program Management	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project will provide for program management for Penn Station Access.

Units/Locations/Limits

Amtrak's Hell Gate Line, from New Rochelle, through the East Bronx, via Randalls Island, to Sunnyside, Queens, through the East River Tunnels to Penn Station in Manhattan

Summary

Penn Station Access will connect Metro-North Railroad to Penn Station in Manhattan via Amtrak's existing Hell Gate Line (HGL). Improvements will be made along approximately 15 miles of the existing HGL Right-of-Way (ROW), including upgrade to power and signal systems, installation of new track and realignment of existing track, and reconstruction of railroad bridges to accommodate more trains. As part of the effort, four (4) new stations will be constructed in the East Bronx. This project will provide for Program Management For the PSA project.

Total budget includes \$9.3 M from 2015-2019 Capital Program (G7110102)

This request is for \$27.089 million (\$27.671 million federal, \$5.418 million local).

Proposed Program of Projects Federal Fiscal Year 2022

Agency Capital Construction	ACEP ID G81101XX
Project Name Penn Station Access -Construction Management	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project will provide for construction management for Penn Station Access.

Units/Locations/Limits

Amtrak's Hell Gate Line, from New Rochelle, through the East Bronx, via Randalls Island, to Sunnyside, Queens, through the East River Tunnels to Penn Station in Manhattan

Summary

Penn Station Access will connect Metro-North Railroad to Penn Station in Manhattan via Amtrak's existing Hell Gate Line (HGL). Improvements will be made along approximately 15 miles of the existing HGL Right-of-Way (ROW), including upgrade to power and signal systems, installation of new track and realignment of existing track, and reconstruction of railroad bridges to accommodate more trains. As part of the effort, four (4) new stations will be constructed in the East Bronx. This project will provide for Construction Management services.

Total budget includes \$31.1 M from 2015-2019 Capital Program (G7110103)

This request is for \$80.777 million (\$64.622 million federal, \$16.155 million local).

Proposed Program of Projects Federal Fiscal Year 2022

Agency Capital Construction	ACEP ID G81101XX
Project Name Penn Station Access –Track and Structures	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project will build Track and Structures for Penn Station Access.

Units/Locations/Limits

Amtrak’s Hell Gate Line, from New Rochelle, through the East Bronx, via Randalls Island, to Sunnyside, Queens, through the East River Tunnels to Penn Station in Manhattan

Summary

Penn Station Access will connect Metro-North Railroad to Penn Station in Manhattan via Amtrak’s existing Hell Gate Line (HGL). Improvements will be made along approximately 15 miles of the existing HGL Right-of-Way (ROW), including upgrade to power and signal systems, installation of new track and realignment of existing track, and reconstruction of railroad bridges to accommodate more trains. As part of the effort, four (4) new stations will be constructed in the East Bronx. This project will provide for Track and Structures work necessary to operate on the Hell Gate Line, including over 19 miles of new and rehabilitated track and catenary work along the existing Hell Gate Line right-of-way. The bridges at the Bronx River, Bronxdale Avenue, Eastchester Road, and Pelham Lane will be rehabilitated or replaced.

Total budget includes \$106.367 M from 2015-2019 Capital Program (G7110104)

This request is for \$364.893 million (\$291.914 million federal (CMAQ), \$72.979 million local).

Proposed Program of Projects Federal Fiscal Year 2022

Agency Capital Construction	ACEP ID G81101XX
Project Name Penn Station Access –Communication and Signals	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project will build Communication and Signals for Penn Station Access.

Units/Locations/Limits

Amtrak’s Hell Gate Line, from New Rochelle, through the East Bronx, via Randalls Island, to Sunnyside, Queens, through the East River Tunnels to Penn Station in Manhattan

Summary

Penn Station Access will connect Metro-North Railroad to Penn Station in Manhattan via Amtrak’s existing Hell Gate Line (HGL). Improvements will be made along approximately 15 miles of the existing HGL Right-of-Way (ROW), including upgrade to power and signal systems, installation of new track and realignment of existing track, and reconstruction of railroad bridges to accommodate more trains. As part of the effort, four (4) new stations will be constructed in the East Bronx. This project will provide for Communications and Signals systems upgrades on the Hell Gate Line.

Total budget includes \$56.25 M from 2015-2019 Capital Program (G7110105)

This request is for \$185.032 million (\$148.026 million federal, \$37.006 million local).

Proposed Program of Projects Federal Fiscal Year 2022

Agency Capital Construction	ACEP ID G81101XX
Project Name Penn Station Access –Power	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project will provide Power needs for Penn Station Access.

Units/Locations/Limits

Amtrak’s Hell Gate Line, from New Rochelle, through the East Bronx, via Randalls Island, to Sunnyside, Queens, through the East River Tunnels to Penn Station in Manhattan

Summary

Penn Station Access will connect Metro-North Railroad to Penn Station in Manhattan via Amtrak’s existing Hell Gate Line (HGL). Improvements will be made along approximately 15 miles of the existing HGL Right-of-Way (ROW), including upgrade to power and signal systems, installation of new track and realignment of existing track, and reconstruction of railroad bridges to accommodate more trains. As part of the effort, four (4) new stations will be constructed in the East Bronx. This project will provide for Power requirements on the Hell Gate Line. Traction power, catenary, third rail, and substations will be upgraded along the corridor.

Total budget includes \$66.2 M from 2015-2019 Capital Program (G7110106)

This request is for \$203.931 million (\$163.145 million federal, \$40.876 million local).

Proposed Program of Projects Federal Fiscal Year 2022

Agency Capital Construction	ACEP ID G81101XX
Project Name Penn Station Access -Stations	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project will provide for the initiation of station construction for Penn Station Access. New, ADA-accessible stations will be located in the East Bronx at Hunts Point, Parkchester/Van Nest, Morris Park, and Co-op City.

Units/Locations/Limits

Amtrak's Hell Gate Line, from New Rochelle, through the East Bronx, via Randalls Island, to Sunnyside, Queens, through the East River Tunnels to Penn Station in Manhattan

Summary

Penn Station Access will connect Metro-North Railroad to Penn Station in Manhattan via Amtrak's existing Hell Gate Line (HGL). Improvements will be made along approximately 15 miles of the existing HGL Right-of-Way (ROW), including upgrade to power and signal systems, installation of new track and realignment of existing track, and reconstruction of railroad bridges to accommodate more trains. As part of the effort, four (4) new stations will be constructed in the East Bronx. This project will provide for station construction. New, ADA-accessible stations will be located in the East Bronx at Hunts Point, Parkchester/Van Nest, Morris Park, and Co-op City.

Total budget includes \$13.767 M from 2015-2019 Capital Program (G7110107)

This request is for \$251.876 million (\$201.501 million federal, \$50.375 million local).

Proposed Program of Projects Federal Fiscal Year 2022

Agency Capital Construction	ACEP ID G81101XX
Project Name Penn Station Access -Shops and Yards	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
This project will provide for the initiation of construction of Shops and Yards for Penn Station Access.

Units/Locations/Limits
Amtrak's Hell Gate Line, from New Rochelle, through the East Bronx, via Randalls Island, to Sunnyside, Queens, through the East River Tunnels to Penn Station in Manhattan

Summary
Penn Station Access will connect Metro-North Railroad to Penn Station in Manhattan via Amtrak's existing Hell Gate Line (HGL). Improvements will be made along approximately 15 miles of the existing HGL Right-of-Way (ROW), including upgrade to power and signal systems, installation of new track and realignment of existing track, and reconstruction of railroad bridges to accommodate more trains. As part of the effort, four (4) new stations will be constructed in the East Bronx.

This project will provide for construction of Shops and Yards. Metro-North's New Rochelle Yard in Westchester County will be reconfigured.

Total budget includes \$9.1 M from 2015-2019 Capital Program (G7110108).

This request is for \$42.478 million (\$33.982 million federal, \$8.496 million local).

Proposed Program of Projects Federal Fiscal Year 2022

Agency Capital Construction	ACEP ID G81101XX
Project Name Penn Station Access – Design-Build Support	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project will provide for design-build support for Penn Station Access.

Units/Locations/Limits

Amtrak's Hell Gate Line, from New Rochelle, through the East Bronx, via Randalls Island, to Sunnyside, Queens, through the East River Tunnels to Penn Station in Manhattan

Summary

Penn Station Access will connect Metro-North Railroad to Penn Station in Manhattan via Amtrak's existing Hell Gate Line (HGL). Improvements will be made along approximately 15 miles of the existing HGL Right-of-Way (ROW), including upgrade to power and signal systems, installation of new track and realignment of existing track, and reconstruction of railroad bridges to accommodate more trains. As part of the effort, four (4) new stations will be constructed in the East Bronx. This project will provide for design-build support including force account during construction.

Total budget includes \$15.455 M from 2015-2019 Capital Program (G7110111)

This request is for \$61.479 million (\$49.183 million federal, \$12.296 million local).

Proposed Program of Projects Federal Fiscal Year 2022

Agency Capital Construction	ACEP ID G81101XX
Project Name Penn Station Access - OCIP	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
This project will provide OCIP (Owner Controlled Insurance Program) for Penn Station Access.

Units/Locations/Limits
Amtrak's Hell Gate Line, from New Rochelle, through the East Bronx, via Randalls Island, to Sunnyside, Queens, through the East River Tunnels to Penn Station in Manhattan

Summary
Penn Station Access will connect Metro-North Railroad to Penn Station in Manhattan via Amtrak's existing Hell Gate Line (HGL). Improvements will be made along approximately 15 miles of the existing HGL Right-of-Way (ROW), including upgrade to power and signal systems, installation of new track and realignment of existing track, and reconstruction of railroad bridges to accommodate more trains. As part of the effort, four (4) new stations will be constructed in the East Bronx. This project will provide OCIP (Owner Controlled Insurance Program) for Penn Station Access.

This request is for \$65.36 million (\$52.29 million federal, \$13.07 million local).

Proposed Program of Projects Federal Fiscal Year 2022

Agency Capital Construction	ACEP ID G81101XX
Project Name Penn Station Access - Reserve	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project will provide Reserve funds for Penn Station Access.

Units/Locations/Limits

Amtrak's Hell Gate Line, from New Rochelle, through the East Bronx, via Randalls Island, to Sunnyside, Queens, through the East River Tunnels to Penn Station in Manhattan

Summary

Penn Station Access will connect Metro-North Railroad to Penn Station in Manhattan via Amtrak's existing Hell Gate Line (HGL). Improvements will be made along approximately 15 miles of the existing HGL Right-of-Way (ROW), including upgrade to power and signal systems, installation of new track and realignment of existing track, and reconstruction of railroad bridges to accommodate more trains. As part of the effort, four (4) new stations will be constructed in the East Bronx. This project will provide Reserve funds for Penn Station Access.

This request is for \$111.49 million (\$89.19 million federal, \$22.30 million local).

Proposed Program of Projects Federal Fiscal Year 2022

Agency Capital Construction	ACEP ID G81101XX
Project Name Penn Station Access –General Engineering Consultant	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project will provide for a General Engineering Consultant for Penn Station Access.

Units/Locations/Limits

Amtrak’s Hell Gate Line, from New Rochelle, through the East Bronx, via Randalls Island, to Sunnyside, Queens, through the East River Tunnels to Penn Station in Manhattan

Summary

Penn Station Access will connect Metro-North Railroad to Penn Station in Manhattan via Amtrak’s existing Hell Gate Line (HGL). Improvements will be made along approximately 15 miles of the existing HGL Right-of-Way (ROW), including upgrade to power and signal systems, installation of new track and realignment of existing track, and reconstruction of railroad bridges to accommodate more trains. As part of the effort, four (4) new stations will be constructed in the East Bronx. This project will provide for a General Engineering Consultant for Penn Station Access for Penn Station Access. The services may be phased between design and construction.

Total budget includes \$102.465 M from 2015-2019 Capital Program (G7110110)

This request is for \$136.736 million (\$109.389 million federal, \$27.347 million local).