

METROPOLITAN TRANSPORTATION AUTHORITY (MTA)
NOTICE OF PUBLIC HEARING AND DESCRIPTION OF PROJECTS

Capital Projects Public Hearing

Tuesday, February 7, 2023

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 2023 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 Capital 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 2015-2019 and 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 2022, MTA received \$815.1 million of Section 5307 funds. MTA used those funds for NYCTA, MaBSTOA, LIRR, MNR and MTA Bus projects. MTA's share of the FFY 2023 apportionment is 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 2022, MTA received \$1.136 billion of Section 5337 State of Good Repair and \$26.2 million of Section 5339 Bus and Bus Facilities funds. The apportionment for Federal Fiscal Year 2023 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

2023 CAPITAL PROJECTS PUBLIC HEARING

Date: Tuesday, February 7, 2023

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 hybrid public hearing. Each person will have three (3) minutes to speak.

Registering for the Hybrid Public Hearing

To register to speak at the public hearing, please register online at <https://new.mta.info/2023-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, 2023 until February 7, 2023. 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/2023-capital-projects-hearing>. You can also go to

<https://mta.zoom.us/j/85391878448>

Join by PC/Tablet/Smartphone:

Join Link:

<https://mta.zoom.us/j/85391878448>

Webinar ID: 853 9187 8448

Join Zoom Webinar by Telephone: To access the Zoom webinar by telephone, please call 1-877-853-5247 (toll-free). Then enter Webinar ID: 853 9187 8448, 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/2023-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 853 9187 8448, follow by the pound (#) sign.

To Submit Comments

All written comments must be submitted by 6:00 P.M. on February 7, 2023. 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/2023-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 2023 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/2023-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: 2023 Capital Projects Public Hearing

2 Broadway, B4.01

New York, NY 10004

All letters must be postmarked by February 7, 2023.

Comments received after the date will not be considered.

Accessibility and Language Assistance Services

At the hybrid 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, 2023, by submitting a request online at <https://new.mta.info/2023-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 853 9187 8448, 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/2023-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

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**Proposed Program of Projects
Federal Fiscal Year 2023**

ACEP ID/Agency PIN	Project/Project Description	Estimated Federal Request (\$M)	Page
NEW YORK CITY TRANSIT			
<i>Subway Cars</i>			
T80101XX	Purchase Subway Cars	\$1,000.00	1
	Subtotal	\$1,000.00	
<i>Bus Replacement</i>			
T8030201	Purchase Standard Battery Electric Buses (BEB)	\$497.80	2
T8030203	Purchase Articulated Battery Electric Buses (BEB)	\$175.00	3
T8030230	Charging Infrastructure at Various Depots	\$185.00	4
	Subtotal	\$857.80	
<i>Stations</i>			
T8040702	Replace Elevators at Various Stations, System-wide	\$290.00	5
T8040714	Replace Escalators at Broadway Junction Complex	\$60.00	6
T8041234	Platform Components Investment: Broadway Junction Complex	\$15.00	7
T80412XX	Station Work: System-wide	\$100.00	8
T8041322	ADA: Classon Avenue / Crosstown	\$90.00	9
T8041323	ADA: New Lots Av / New Lots	\$120.00	10
T8041346	ADA: Broadway Junction Complex (JAM, CNR, FUL)	\$430.00	11
T8041331	ADA: Parkchester-East 177 St, Pelham Line	\$90.00	12
T8041351	ADA: 168 Street, Broadway / 7 Ave Line	\$275.00	13
T8041374	MTA Accessible Boarding Area Decals	\$1.00	14
T80413XX	Station Accessibility: System-wide	\$700.00	15
	Subtotal	\$2,171.00	
<i>Line Equipment</i>			
T80605XX	Line Equipment Rehabilitation: System-wide	\$90.00	16
	Subtotal	\$90.00	
<i>Line Structures</i>			
T80703XX	Line Structure Rehabilitation: System-wide	\$80.00	17
	Subtotal	\$80.00	
<i>Signals and Communications</i>			
T80803XX	Signal Modernization: Various Locations	\$60.00	18
T80806XX	Communication Modernization: Various Locations	\$150.00	19
	Subtotal	\$210.00	
<i>Power</i>			
T80902XX	Substations: System-wide	\$170.00	20
T80904XX	Power Distribution: System-wide	\$140.00	21
	Subtotal	\$310.00	
<i>Depots</i>			
T81203XX	Depot Rehabilitation & Reconstruction	\$100.00	22
	Subtotal	\$100.00	
SIRTOA			
S8070107	ADA: Huguenot, SIR	\$35.00	23
	Subtotal	\$35.00	
New York City Transit Total		\$4,853.80	

LONG ISLAND RAILROAD**Stations**

L8020402	Station Platform Components: Various Locations	\$195.90	24
L8020403	Station Building Components: Various Locations	\$2.50	26
L8020408	Small Business Mentoring Program - Stations	\$16.00	27
L80204RR	ADA Forest Hills Platform Extensions & Elevators	\$55.10	28
L80204RR	ADA Hollis Station	\$16.04	29
L8020501	Parking Rehabilitation & Access Improvements	\$16.59	30
L8020502	Small Business Mentoring Program - Parking	\$11.71	32
	Subtotal	\$313.84	

Track

L8030103	Yard Track Rehabilitations	\$3.20	34
L8030109	2024 Annual Track Program	\$78.45	35
L8030402	Jamaica Capacity Improvements - Reserves	\$65.00	36
L8030404	Other Track Improvements - Reserve	\$62.69	37
	Subtotal	\$209.34	

Line Structures

L8040109	Bridge Replacement and Rehabilitation: Webster Avenue	\$23.80	38
L8040201	Atlantic Avenue Tunnel Structural Work	\$29.90	39
L8040202	Tunnel Replacements and Upgrades	\$1.40	40
	Subtotal	\$55.10	

Communications and Signals

L8050101	Communication Pole Line	\$3.20	41
L8050102	Communication Component Replacement	\$2.30	42
L8050201	Babylon Interlocking Renewal	\$40.00	43
L8050208	Positive Train Control (FRA Mandates)	\$33.00	44
	Subtotal	\$78.50	

Shops and Yards

L70604YJ	Mentor Allowance - Shops and Yards	\$3.50	45
L8060401	Rehabilitation of Employee Facilities – Various Locations	\$41.10	46
L8060405	Small Business Mentoring Program – Employee Facilities	\$8.94	47
	Subtotal	\$53.54	

Power

L8070101	Substation Replacements	\$129.00	48
L8070103	Power Component Repairs and Replacements	\$21.20	49
L8070104	Third Rail Upgrades	\$29.70	50
	Subtotal	\$179.90	

Miscellaneous

L8090410	Program Administration	\$138.00	51
	Subtotal	\$138.00	
	Long Island Rail Road Total	\$1,028.22	

METRO-NORTH RAILROAD**Rolling Stock**

M801-01-01	M-3 Replacement	\$484.64	52
	Subtotal	\$484.64	

Stations

M802-01-04	GCT Mentoring- Park Avenue Tunnel Emergency Exit Hatches & Stair	\$8.42	53
M802-02-02	Harlem Line Station Renewal	\$88.51	54
M802-02-05	Ludlow Station Accessibility Improvements	\$11.00	55
M802-03-01	Brewster Yard Improvement – SE Parking	\$175.00	56
	Subtotal	\$282.93	

Track and Structures

M803-01-01	2023 Cyclical Track Program	\$24.40	57
M803-01-03	Turnouts: Mainline/High Speed/GCT Turnouts/Yards & Sidings/Insulated Joints	\$17.90	58
M803-01-04	Rock Slope Remediation	\$8.63	59
M803-01-05	Rebuild Marble Hill Retaining Wall Phase 1	\$13.22	60
M803-01-06	ROW Drainage Improvements	\$9.00	61
M803-01-07	Maintenance of Way Equipment	\$11.40	62
M803-02-01	Park Avenue Viaduct Replacement	\$88.00	63
M803-02-02	Undergrade Bridge Rehab. - East of Hudson	\$72.23	64
M803-02-04	Railtop Culverts	\$3.32	65
M803-02-05	Bridge Walkways	\$0.98	66
M803-02-06	Replace Undergrade Bridge Timber	\$1.62	67
M803-02-07	Right-of-Way Fencing	\$0.50	68
M803-02-08	Hudson Line Tunnels	\$5.69	69
M803-03-01	West of Hudson Rock Slope Remediation – Pt Jervis Line	\$11.37	70
M803-03-02	West of Hudson Track Program	\$9.27	71
M803-03-03	West of Hudson Undergrade Bridge – Port Jervis Line	\$9.86	72
M803-03-04	Moodna/Woodbury Viaduct Repairs	\$38.12	73
	Subtotal	\$325.51	

Communications and Signals

M804-01-01	Harmon to Poughkeepsie Signal System	\$249.26	74
M804-01-02	PBX Replacement / Upgrade	\$3.92	75
M804-01-03	Voice Recorder Replacement	\$1.00	76
M804-01-04	Network Infrastructure	\$15.49	77
M804-01-05	Station PA System	\$2.01	78
M804-01-06	Radio System	\$13.37	79
M804-01-08	CCTV	\$2.50	80
M804-01-09	Grade Crossing Improvements	\$3.00	81
M804-01-13	Positive Train Stop Release	\$25.00	82
	Subtotal	\$315.55	

Power

M805-01-06	Hudson Line Track 1 Electrification	\$43.41	83
M805-01-07	Replace Signal Power Transformer & Signal Sect. Switches	\$3.21	84
M805-01-08	Transformer Rehabilitation	\$3.43	85
	Subtotal	\$50.05	

Shops and Yards

M706-01-04	WoH Capacity Improvements – Pt. Jervis Line (Passing Sidings)	\$100.00	86
	Subtotal	\$100.00	

Miscellaneous

M708-01-10	GCT Security Cameras and Expansion	\$10.40	87
M808-01-05	Program Administration	\$15.39	88
M808-01-06	Program Scope Development	\$4.00	89
	Subtotal	\$29.79	

Metro-North Railroad Total	\$1,588.47	
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MTA BUS**Miscellaneous**

U7030215	Project Administration - 2018-2019	\$3.39	90
	Subtotal	\$3.39	

Facilities

U8030201	Standard Battery Electric Bus Buy	\$27.92	91
U8030226	Design/Engineering Management Services - 2020	\$1.92	92
	Subtotal	\$29.84	
	MTA Bus Total	\$33.23	

MTA GRAND TOTAL	\$7,503.72	
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Proposed Program of Projects Federal Fiscal Year 2023

Agency

New York City Transit

ACEP ID

T80101XX

Project Name

Purchase Subway Cars

Planning Number / PIN

County/Borough: Multiple

Zip Code Multiple

Object/Purpose of Project

The purpose of this initiative is to purchase subway cars for normal replacement and to align with signal modernization system-wide.

Units/Locations/Limits

Railcar / System-wide

Summary

The purpose of this initiative is to purchase subway cars for normal replacement and to align with signal modernization system-wide.

The budget for this initiative is \$2.00 billion. The request is for \$1.00 billion.

Proposed Program of Projects Federal Fiscal Year 2023

Agency New York City Transit	ACEP ID T8030201
Project Name Purchase Standard Battery Electric Buses (BEB)	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
Bus / System-wide

Summary

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

The budget for this initiative is \$497.8 million. The request is for \$497.8 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency New York City Transit	ACEP ID T8030203
Project Name Purchase Articulated Battery Electric Buses (BEB)	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project
The purpose of this initiative is to purchase articulated electric buses to replace end-of-life buses.

Units/Locations/Limits
Bus / System-wide

Summary
This initiative will purchase new alternative energy technology articulated buses for NYCT, replacing end-of-life buses. All buses will have a 12-year useful life. All buses will follow the MTA's standards and will meet or exceed the Environmental Protection Agency (EPA) emissions standards as well as ADA standards.

The budget for this initiative is \$175.0 million. The request is for \$175.0 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency

New York City Transit

ACEP ID

T8030230

Project Name

Charging Infrastructure at Various Depots

Planning Number / PIN

SF18-8745

County/Borough: Multiple

Zip Code Multiple

Object/Purpose of Project

The purpose of this initiative is to provide the infrastructure and electrical upgrades to support charging of battery-electric buses at various depot locations.

Units/Locations/Limits

Depot / System-wide

Summary

This initiative will perform work in various depots improving the infrastructure and upgrading the electrical systems to support charging battery-electric buses.

The budget for this initiative is \$185.0 million. The request is for \$185.0 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency New York City Transit	ACEP ID T8040702
Project Name Replace Elevators at Various Stations, System-wide	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project
The purpose of this initiative is to replace elevators at ADA-accessible stations.

Units/Locations/Limits
Elevator / System-wide

Summary

This initiative will replace elevators at various stations, system-wide. This initiative includes replacing existing elevator cars, operating panels, electrical panels, communications system, smoke and fire detection system and other components.

Elevator replacement at nearly 20 stations system-wide (may include Atlantic Ave-Barclays Center, Church Av, Utica Av, DeKalb Av, Prospect Park, Stillwell Av, Fordham Rd, 14 St, 66 St, 72 St, Canal St, Main St, Roosevelt Av, Queens Plaza, and 179 St stations) will be addressed by this initiative, all of which are Americans with Disabilities Act (ADA) accessible stations.

The budget for this initiative is \$290.0 million. The request is for \$290.0 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency New York City Transit	ACEP ID T8040714
Project Name Replace Escalators at Broadway Junction Complex	Planning Number / PIN MW03-3464
County/Borough: Kings	Zip Code 11233

Object/Purpose of Project
The purpose of this initiative is to replace escalators at Broadway Junction Complex.

Units/Locations/Limits
Escalator / Broadway Junction Complex

Summary
This initiative includes replacing the existing escalators and controllers, status monitoring system, electrical panels, communication systems, closed circuit television (CCTV) system and the smoke and fire detection systems at Broadway Junction Complex.

The budget for this initiative is \$60.0 million. The request is for \$60.0 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency

New York City Transit

ACEP ID

T8041234

Project Name

Platform Components Investment: Broadway Junction Complex

Planning Number / PIN

ST21-3464

County/Borough:

Kings

Zip Code

11233

Object/Purpose of Project

The purpose of this initiative is to repair or replace select platform components at Broadway Junction Complex.

Units/Locations/Limits

Platform Components / Broadway Junction Complex

Summary

The scope for platform components initiatives may include platform columns, platform floors, platforms edges, and other platform elements. This work will be performed in conjunction with the ADA accessibility work at Broadway Junction.

The budget for this initiative is \$15.0 million. The request is for \$15.0 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency New York City Transit	ACEP ID T80412XX
Project Name Station Work: System-wide	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project
The purpose of this initiative is to rehabilitate stations, either by full renewal, repair or replacement of components.

Units/Locations/Limits
Platform Components / System-wide

Summary
The scope for platform components initiatives may include renew, rehabilitate, repair, or replace street stairs, mezzanine to platform stairs, doors and windows, interior and exterior walls, platforms, edges, and canopies as required. Stations may also be painted. Some of the work may be performed at ADA-accessible stations, in concert with an ADA accessibility initiative, or as part of the Small Business Mentoring Program (SBMP).

Various stations system-wide (may include New Lots Ave, 242 St and 46 St-Bliss St Stations) that will be addressed by this initiative.

The budget for this initiative is \$100.0 million. The request is for \$100.0 million

Proposed Program of Projects Federal Fiscal Year 2023

Agency

New York City Transit

ACEP ID

T8041322

Project Name

ADA: Classon Avenue / Crosstown

Planning Number / PIN

ST04-2917

County/Borough: Kings

Zip Code 11205

Object/Purpose of Project

The purpose of this initiative is to provide full Americans with Disabilities Act (ADA) accessibility at the Classon Avenue Station.

Units/Locations/Limits

Station / Crosstown Line

Summary

This initiative will provide full ADA station accessibility at the Classon Avenue Station on the Crosstown Line in the borough of Brooklyn. The initiative will also complete structural work and utility relocation as required to make the station accessible.

The budget for this initiative is \$90.0 million. The request is for \$90.0 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency

New York City Transit

ACEP ID

T8041323

Project Name

ADA: New Lots Av / New Lots

Planning Number / PIN

ST04-2926

County/Borough: Kings**Zip Code** 11208**Object/Purpose of Project**

The purpose of this initiative is to provide full Americans with Disabilities Act (ADA) accessibility at the New Lots Avenue Station.

Units/Locations/Limits

Station / New Lots Line

Summary

This initiative will provide full ADA station accessibility at the New Lots Ave Station on the New Lots Line in the borough of Brooklyn. The initiative will also complete structural work and utility relocation as required to make the station accessible.

The budget for this initiative is \$120.0 million. The request is for \$120.0 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency New York City Transit	ACEP ID T8041346
Project Name ADA: Broadway Junction Complex (JAM, CNR, FUL)	Planning Number / PIN ST04-3464
County/Borough: Kings	Zip Code 11233

Object/Purpose of Project
The purpose of this initiative is to provide full Americans with Disabilities Act (ADA) accessibility at the Broadway Junction Complex (Jamaica, Canarsie and Fulton Lines).

Units/Locations/Limits
Station / Jamaica, Canarsie and Fulton Lines

Summary
This initiative will provide full ADA station accessibility at the Broadway Junction Complex (Jamaica, Canarsie and Fulton Lines) in the borough of Brooklyn. The initiative will also complete structural work and utility relocation as required to make the station accessible.

The budget for this initiative is \$430.0 million. The request is for \$430.0 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency New York City Transit	ACEP ID T8041331
Project Name ADA: 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 Act (ADA) accessibility at the Parkchester-East 177 St Station, Pelham Line.

Units/Locations/Limits
Station / Pelham Line

Summary
This initiative will provide full ADA station accessibility at the Parkchester-East 177 St on the Pelham Line in the borough of the Bronx. The initiative will also complete structural work and utility relocation as required to make the station accessible.

The budget for this initiative is \$90.0 million. The request is for \$90.0 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency New York City Transit	ACEP ID T8041351
Project Name ADA: 168 Street, Broadway / 7 Ave Line	Planning Number / PIN ST04-2921
County/Borough: Manhattan	Zip Code 10032

Object/Purpose of Project
The purpose of this initiative is to provide full Americans with Disabilities Act (ADA) accessibility at the 168 Street, Broadway / 7 Ave Line.

Units/Locations/Limits
Station / Broadway / 7 Ave Line.

Summary
This initiative will provide full ADA station accessibility at the 168 Street, Broadway / 7 Ave Line in the borough of Manhattan. The initiative will also complete structural work and utility relocation as required to make the station accessible.

The budget for this initiative is \$275.0 million. The request is for \$275.0 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency

New York City Transit

ACEP ID

T8041374

Project Name

MTA Accessible Boarding Area Decals

Planning Number / PIN

County/Borough: Multiple

Zip Code Multiple

Object/Purpose of Project

The purpose of this initiative is to install large, brightly colored platform decals to denote the accessible boarding area at all subway station platforms where vertical accessibility is provided by ramp or elevator.

Units/Locations/Limits

Station / System-wide

Summary

The purpose of this initiative is to install large, brightly colored platform decals to denote the accessible boarding area at all subway station platforms where vertical accessibility is provided by ramp or elevator.

The budget for this initiative is \$1.0 million. The request is \$1.0 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency New York City Transit	ACEP ID T80413XX
Project Name Station Accessibility: System-wide	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 Act (ADA) accessibility.

Units/Locations/Limits
Station / System-wide

Summary
This initiative will provide full ADA station accessibility including installation of elevators or ramps, construction of new elevator machine rooms (EMRs) and modifications to platforms to make the station ADA accessible. The initiative will also complete structural work and utility relocation as required to make stations accessible.

Various stations system-wide (may include 33 St-Rawson St, 86 St, 36 St, 81 St-MoNH, 96 St, 242 St, Broadway, 46 St-Bliss St, Harlem-148 St, and Court Sq-23 St Stations) will be addressed by this initiative.

The budget for this initiative is \$700.0 million. The request is for \$700.0 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency

New York City Transit

ACEP ID

T80605XX

Project Name

Line Equipment Rehabilitation: System-wide

Planning Number / PIN

County/Borough: Multiple

Zip Code Multiple

Object/Purpose of Project

The purpose of this initiative is to prevent structural deterioration and maintain the track level components by repairing / replacing deteriorated structural components and /or by painting segments of the elevated structure to maintain a state of good repair.

Units/Locations/Limits

Line Equipment / System-wide

Summary

The initiative will repair / upgrade / replace / construct / install line equipment system such as tunnel lighting, fan plants (may include dampers, cables, and damper components), pump rooms (may include 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: related communication work and civil /structural/electrical repairs.

The budget for this initiative is \$90.0 million. The request is for \$90.0 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency
New York City Transit

ACEP ID
T80703XX

Project Name
Line Structure Rehabilitation: System-wide

Planning Number / PIN

County/Borough: Multiple

Zip Code Multiple

Object/Purpose of Project

The purpose of this initiative is to prevent structural deterioration and maintain the track level components by repairing / replacing deteriorated structural components and /or by painting segments of the elevated structure to maintain a state of good repair.

Units/Locations/Limits

Line Structures / System-wide

Summary

This initiative will repair structural steel defects (columns, beams, and knee braces), concrete defects (tunnel walls, ceilings, etc.), and leaks within the subway and elevated lines. This initiative will also provide overcoat painting to segments of the elevated structure; the work also includes repairing/replacing deteriorated structural component defects, as well as netting and miscellaneous investments.

Various lines (may include but not limited to Broadway/7 Av and West End Lines) will be addressed by this initiative.

The budget for this initiative is \$80.0 million. The request is for \$80.0 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency New York City Transit	ACEP ID T80803XX
Project Name Signal Modernization: Various Locations	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

This initiative will modernize and improve interlocking and signal equipment by replacing the existing obsolete signal equipment with a state-of-the-art signal system. The modification may include replacement/installation of signals, codes systems & cables interlockings, relays, cables (copper or fiber), 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 if required may be addressed under a separate project.

The budget for this initiative is \$60.0 million. The request is for \$60.0 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency New York City Transit	ACEP ID T80806XX
Project Name Communication Modernization: Various Locations	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project

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

Units/Locations/Limits

Communication Cables and Equipment / System-wide

Summary

This initiative will furnish/install all equipment, wiring, cabling for repair/upgrading of the Fiber Optic Network, repair/upgrade/replace outdated transport equipment, rectifiers, converters, transmission technology for the existing fiber optic rings. The work may also include integration of Connected Oriented Ethernet (COE) equipment in communication rooms. The initiative may also replace degraded antenna cables.

The budget for this initiative is \$150.0 million. The request is for \$150.0 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency New York City Transit	ACEP ID T80902XX
Project Name Substations: System-wide	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

Substation / System-wide

Summary

This initiative 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.

Various substations system-wide (may include Washington Hgts and Village Substations) will be addressed by this initiative.

The budget for this initiative is \$170.0 million. The request is for \$170.0 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency New York City Transit	ACEP ID T80904XX
Project Name Power Distribution: System-wide	Planning Number / PIN MW25-2439
County/Borough: Multiple	Zip Code

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 lines in the 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 \$140.0 million. This request is for \$140.0 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency	ACEP ID
New York City Transit	T81203XX
Project Name	Planning Number / PIN
Depot Rehabilitation & Reconstruction	
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project
 The purpose of this initiative is to address high-priority deficient components at depots, system-wide.

Units/Locations/Limits
 Depot / System-wide

Summary
 This initiative will address high-priority deficient components at various depots. The scope of work for these projects may include: remove/repair/replace existing roof/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 initiative may also include upgrading the HVAC system, boilers, and air curtains at various depots, remove asbestos and lead abatement, and installation of new building management system (BMS).

Various depot rehab/reconstruction work (may include Amsterdam, Gun Hill, Jackie Gleason, Ulmer Park, MJ Quill, Kingsbridge and Castleton Depots) will be addressed by this initiative.

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

Proposed Program of Projects Federal Fiscal Year 2023

Agency

Staten Island Railway

ACEP ID

S8070107

Project Name

ADA: Huguenot, SIR

Planning Number / PIN

SI01-5406

County/Borough:

Staten Island

Zip Code

10312

Object/Purpose of Project

The purpose of this initiative is to provide full Americans with Disabilities Act (ADA) accessibility at the Huguenot Station, SIR.

Units/Locations/Limits

Station / Staten Island Railroad

Summary

This initiative will provide full ADA station accessibility at the Huguenot Station in the borough of Staten Island. The initiative will also complete structural work and utility relocation as required.

The budget for this initiative is \$35.0 million. The request is for \$35.0 million.

Proposed Program of Projects Federal Fiscal Year 2023

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

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.

This project will also demolish and replace the platforms and associated station components at Babylon Station on the Montauk Branch. The platforms and platform-level station components are in deteriorated condition and have exceeded their useful life. Babylon is a major hub station in Suffolk County and serves as the transfer point between electric trains and diesel trains on the South Shore.

Accessibility Components:

This project includes the construction of station accessibility components at selected LIRR stations to address stations which are currently not accessible. Station accessibility components include 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, and Babylon Station on the Montauk Branch in Suffolk County.

Accessibility Components: Various Locations:

Amityville, Copiague, Lindenhurst, Massapequa Park, St. Albans, Locust Manor, Laurelton, Auburndale, and Valley Stream

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

Proposed Program of Projects

Federal Fiscal Year 2023

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 for the construction period.

This project will also demolish and replace the two Babylon Station platforms, as well as the associated station components – including staircases, platform canopies, platform waiting rooms, and lighting. New elevators and escalators will also be installed as part of this project. Replacing the deteriorated platforms will reduce the risk of customer slips, trips and falls due to poor walking surfaces. Replacing the elevators and escalators will provide for more reliable access to and from the platform level, while also providing elevators and escalators that are in-line with the current industry standards. Also included is replacement / upgrading of power and electrical components, tactile strips on platform edges, installation of LED lighting, CCTV cameras, MTA Help Points, signage, curb cuts, sidewalk renewal, and ADA parking upgrades.

Accessibility Components: Various Locations

This project includes the construction of station accessibility components at selected LIRR stations to address stations which are currently not accessible. Station accessibility components include 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 \$195,900,000. This request is for \$195,900,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency	ACEP ID
Long Island Rail Road	L8020403
Project Name	Planning Number / PIN
Station Building Components: Various Locations	L124-9424
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project

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

This project will also undertake station improvements at Country Life Press Station in Nassau County and at Mastic-Shirley and Patchogue Stations, both in Suffolk County. This station work will bring these stations in line with the current codes, including ADA, and upgrade the overall customer environment.

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. Country Life Press Station is in Nassau County on the Hempstead Branch. Mastic Shirley Station and Patchogue Station are both 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 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.

Work also includes demolition of two former station buildings (Country Life Press and Mastic-Shirley) along with upgrades at Country Life Press and Mastic-Shirley to staircases, signage, railings, ADA ramps, lighting, and other station elements, to bring the stations in-line with the current codes, including ADA. At Patchogue station, this project will undertake interior and exterior renovations of the station building, to bring it in line with the latest station building standards and to upgrade the customer environment. Work at Patchogue will also include targeted improvements to the platform level, including staircases, ramps, and ADA parking. These efforts will improve safety and bring the station in line with the current ADA codes.

The budget for this project is \$5,170,000. This request is for \$2,500,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency	ACEP ID
Long Island Rail Road	L8020408
Project Name	Planning Number / PIN
Small Business Mentoring Program - Stations	L124-9072
County/Borough: Multiple	Zip Code Multiple

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 connects at stations.

This project will also undertake station improvements at Country Life Press Station in Nassau County and at Mastic-Shirley and Patchogue Stations, both in Suffolk County. This station work will bring these stations in line with the current codes, including ADA, and upgrade the overall customer environment.

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. Country Life Press Station is in Nassau County on the Hempstead Branch. Mastic-Shirley Station and Patchogue Station are both 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 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 for the construction period.

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.

Work also includes demolition of two former station buildings (Country Life Press and Mastic-Shirley) along with upgrades at Country Life Press and Mastic-Shirley to staircases, signage, railings, ADA ramps, lighting, and other station elements, to bring the stations in-line with the current codes, including ADA. At Patchogue station, this project will undertake interior and exterior renovations of the station building, to bring it in line with the latest station building standards and to upgrade the customer environment. Work at Patchogue will also include targeted improvements to the platform level, including staircases, ramps, and ADA parking. These efforts will improve safety and bring the station in line with the current ADA codes.

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

Proposed Program of Projects Federal Fiscal Year 2023

Agency Long Island Rail Road	ACEP ID L80204RR
Project Name ADA Forest Hills Platform Extensions & Elevators	Planning Number / PIN L124-9350
County/Borough: Queens	Zip Code 11375

Object/Purpose of Project

This project will be managed under L8020412.

This project will provide upgrades to Forest Hills Station by replacing the existing platforms with longer platforms and also installing new elevators to make the station fully ADA accessible.

Units/Locations/Limits

Forest Hills Station, located on the LIRR Main Line, Queens County.

Summary

This project will demolish the existing platforms and construct new, long platforms, to improve the customer experience of boarding/alighting at this station, while also reducing excess station dwell time for Forest Hills Station stops. Currently the Station has two platforms which are in deteriorated condition (each 4 car lengths) plus two temporary 2-car length platform extensions. In addition to providing new, longer platforms, this project will also construct two new elevators, making this station fully ADA accessible.

Also included in this project are upgrades to power and communications infrastructure, new LED lighting, tactile strips on platform edges, CCTV cameras, sidewalk/site improvements, MTA Help Points, signage, station building upgrades, and associated accessibility and station upgrades.

The budget for this project is \$299,200,000. This request is for \$55,100,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency Long Island Rail Road	ACEP ID L80204RR
Project Name ADA Hollis Station	Planning Number / PIN L124-9347
County/Borough: Queens	Zip Code 11412

Object/Purpose of Project

This project will be managed under L8020409.

This project will replace and upgrade all station components at Hollis Station, as well as make this station ADA accessible. Hollis Station is in structurally poor condition and station elements have exceeded their useful life. The Station is currently not ADA accessible. The newly constructed platforms will be longer to reduce station dwell time and improve the overall customer experience.

Units/Locations/Limits

Hollis Station on the Long Island Rail Road Main Line in Queens, NY.

Summary

This project will demolish and replace the existing Hollis Station platforms and associated station components. Work will include two new platforms, new tactile warning strips on platform edges, LED lighting, platform canopies, staircases, new elevators with elevator machine rooms, MTA Help Points, sidewalk and walkway improvements, improvements to the pedestrian tunnels, upgraded power and communication infrastructure, public address system, CCTV security cameras, signage along with associated station improvements.

The budget for this project is \$299,200,000. This request is for \$16,040,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency	ACEP ID
Long Island Rail Road	L8020501
Project Name	Planning Number / PIN
Parking Rehabilitation & Access Improvements	L125-9372
County/Borough: Multiple	Zip Code Multiple

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.

The Ronkonkoma Parking Garage is located immediately north of the LIRR Ronkonkoma Station, which is the busiest train station in Suffolk County. This station, which is the endpoint for electric service on the LIRR Main Line, serves as a major hub station for Suffolk County. The Parking Garage was constructed in 1996 and in recent years, LIRR has been undertaking a number of renewal efforts, to maintain the Parking Garage in a state of good repair. This project includes painting of the exposed structural steel elements within the pedestrian overpass which connects the Parking Garage with Ronkonkoma Station.

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

Ronkonkoma Parking Garage, located adjacent to the Ronkonkoma Station, on the LIRR Main Line in Suffolk County

Proposed Program of Projects Federal Fiscal Year 2023

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 parking 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 Ronkonkoma Parking Garage includes an elevated pedestrian overpass which connects the Parking Garage directly to Ronkonkoma Station, without the need for commuters to go down to ground level to exit the garage and then cross the street. This pedestrian overpass saves walk time and allows customers to make their train after parking their car. The pedestrian connection was constructed in 1996, as part of the construction of the parking garage. This project will paint the exterior steel elements of the pedestrian overpass, in order to maintain a state of good repair and prevent future weathering and deterioration of the steel elements. This painting effort will also help to improve the aesthetic quality of the pedestrian overpass and the overall station environment.

The budget for this project is \$16,590,000. This request is for \$16,590,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency	ACEP ID
Long Island Rail Road	L8020502
Project Name	Planning Number / PIN
Small Business Mentoring Program - Parking	L125-9074
County/Borough: Multiple	Zip Code Multiple

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.

The Ronkonkoma Parking Garage is located immediately north of the LIRR Ronkonkoma Station, which is the busiest train station in Suffolk County. This station, which is the endpoint for electric service on the LIRR Main Line, serves as a major hub station for Suffolk County. The Parking Garage was constructed in 1996 and in recent years, LIRR has been undertaking a number of renewal efforts, to maintain the Parking Garage in a state of good repair. This project includes painting of the exposed structural steel elements within the pedestrian overpass which connects the Parking Garage with Ronkonkoma Station.

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

Ronkonkoma Parking Garage, located adjacent to the Ronkonkoma Station, on the LIRR Main Line in Suffolk County

Proposed Program of Projects Federal Fiscal Year 2023

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 parking 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 Ronkonkoma Parking Garage includes an elevated pedestrian overpass which connects the Parking Garage directly to Ronkonkoma Station, without the need for commuters to go down to ground level to exit the garage and then cross the street. This pedestrian overpass saves walk time and allows customers to make their train after parking their car. The pedestrian connection was constructed in 1996, as part of the construction of the parking garage. This project will paint the exterior steel elements of the pedestrian overpass, in order to maintain a state of good repair and prevent future weathering and deterioration of the steel elements. This painting effort will also help to improve the aesthetic quality of the pedestrian overpass and the overall station environment.

The budget for this project is \$11,710,000. This request is for \$11,710,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency Long Island Rail Road	ACEP ID L8030103
Project Name Yard Track Rehabilitations	Planning Number / PIN L131-9375
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project

This project will rehabilitate track structure and switches in yards that are beyond their useful life at various locations. Currently, LIRR's track structure and switches are high maintenance and are in need of replacement. Work will also include the rehabilitation of the West Side Storage Yard (WSSY) walkways, switches, and direct fixation.

Units/Locations/Limits

Jamaica Storage Yard, Port Washington Yard, West Side Storage Yard, Richmond Hill Yard, Hillside Yard, Ronkonkoma Yard, Far Rockaway Yard, and Atlantic Terminal.

Summary

Yard track rehabilitations activities includes; replacement of existing track infrastructure (switches, rail, ties, clips, plates, etc.) installation of yard switch machine heaters, and track drainage improvements as needed. Work also includes rehabilitation of WSSY, walkways, switches, and direct fixation.

The budget for this project is \$22,300,000. This request is for \$3,200,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency Long Island Rail Road	ACEP ID L8030109
Project Name 2024 Annual Track Program	Planning Number / PIN L131-9154
County/Borough: Multiple	Zip Code Multiple

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, installation of concrete 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 grinding, 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 \$78,450,000. This request is for \$78,450,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency Long Island Rail Road	ACEP ID L8030402
Project Name Jamaica Capacity Improvements - Reserves	Planning Number / PIN L134-9085
County/Borough: Queens	Zip Code 11435

Object/Purpose of Project

This project includes upgrades to Jamaica including Hall Interlocking and Met Interlocking, all located in Jamaica. This work will address state of good repair needs and also improve train routing and operational flexibility within Jamaica.

Units/Locations/Limits

Jamaica, NY - upgrades to Jamaica including Hall Interlocking and Met Interlocking.

Summary

Work to include construction of new equipment platforms/retaining wall infrastructure in Jamaica including Hall and Met Interlockings for placement of new signal equipment, replacement of crossovers, structural rehabilitation for bridges within these two interlockings, and fabrication/installation/cut-over of new signal systems.

The budget for this project is \$85,000,000. This request is for \$65,000,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency Long Island Rail Road	ACEP ID L8030404
Project Name Other Track Improvements - Reserve	Planning Number / PIN L134-9086
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project
This project will continue the cyclical replacement of track components systemwide, as part of LIRR's efforts to maintain track in a state of good repair.

Units/Locations/Limits
This project will replace various track system components throughout the LIRR and purchase track construction equipment.

Summary
This project will replace various track components systemwide, including switches, mechanical ties, installation of concrete ties, thermite welding, continuous welded rail (CWR), wood ties, concrete turnouts, wood turnouts, grade crossing renewal, track surfacing, surfacing of interlocking switches, undercutting, rail grinding, rail profiling and joint elimination.

Also included in this project are the replacement of track construction equipment, including ballast cars, concrete tie job support equipment, surfacing, cranes, tamper, loaders, mechanized tie and rail, snow fighting equipment, brush cutters, and other associated equipment.

The budget for this project is \$62,690,000. This request is for \$62,690,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency Long Island Rail Road	ACEP ID L8040109
Project Name Bridge Replacement and Rehabilitation: Webster Avenue	Planning Number / PIN L141-9521
County/Borough: Nassau	Zip Code 11030

Object/Purpose of Project
This project will demolish and replace the Webster Avenue Bridge, which is a deteriorated overgrade bridge over the Port Washington Branch.

Units/Locations/Limits
Webster Avenue Bridge, located on the Port Washington Branch in Manhasset, Nassau County.

Summary
This project will demolish and replace the deteriorated Webster Avenue Bridge, which is a functionally obsolete span that is not in-line with current bridge standards.

In addition to removal and disposal of the bridge, the project will fabricate and install a new bridge structure, construct new abutments (precast cap, riser blocks, precast backwall) and new foundations, along with new retaining walls and backfill, as required. This project will also renew/replace curbs, sidewalks, and asphalt roadway, as part of the bridge replacement.

The budget for this project is \$23,800,000. This request is for \$23,800,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency Long Island Rail Road	ACEP ID L8040201
Project Name Atlantic Avenue Tunnel Structural Work	Planning Number / PIN L142-9092
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 lights and signs.

The budget for this project is \$44,300,000. This request is for \$29,900,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency Long Island Rail Road	ACEP ID L8040202
Project Name Tunnel Replacements and Upgrades	Planning Number / PIN L142-9093
County/Borough: Multiple	Zip Code Multiple

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 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 2023

Agency	ACEP ID
Long Island Rail Road	L8050101
Project Name	Planning Number / PIN
Communication Pole Line	L151-9095
County/Borough: Multiple	Zip Code Multiple

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 and performing abatement of asbestos containing materials, replacing existing poles, removing old poles, and installation of new poles as needed to rebuild existing and failing pole lines. Ancillary hardware at locations identified in the condition assessment including existing deteriorated anchors, insulators, brackets, ground rods/clamps, U Guards, hand holes, c-cases, pole mounted cable boxes, will also be replaced.

The budget for this project is \$8,000,000. This request is for \$3,200,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency Long Island Rail Road	ACEP ID L8050102
Project Name Communication Component Replacement	Planning Number / PIN L151-9096
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project

This project will replace and upgrade the Communications Department’s forty-eight (48) volt Direct Current (VDC) power and battery backup plants/Uninterruptible Power Supplies (UPS) which 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

This project will replace power and back-up battery systems and battery cases and HVAC units (for communication huts/rooms) throughout the LIRR network.

Summary

Replacement/upgrade of the current 48 VDC power plants/ UPS, batteries, battery cases, 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 \$2,300,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency Long Island Rail Road	ACEP ID L8050201
Project Name Babylon Interlocking Renewal	Planning Number / PIN L152-9108
County/Borough: Suffolk	Zip Code 11704

Object/Purpose of Project

Babylon Interlocking Renewal will renew and upgrade the existing signal equipment in Babylon Interlocking on the Montauk Branch. The existing system was originally installed in the 1960's and has exceeded its useful life. The new Babylon Interlocking System will be constructed to reflect the latest LIRR signal standards. Project benefits include significant improvement of the on-time performance, reducing the number of delays resulting from signal system failures within the vicinity of this interlocking and reduced maintenance costs of this signal system.

Units/Locations/Limits

Babylon Interlocking on the Montauk Branch, Suffolk County.

Summary

The work for this project includes replacing switches, signals, cables, highway-rail crossing gate mechanisms, impedance bonds, cases and associated components. In support of this work new signal bridges, duct banks and retaining walls must also be installed.

The budget for this project is \$92,900,000. This request is for \$40,000,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency Long Island Rail Road	ACEP ID L8050208
Project Name Positive Train Control (FRA Mandates)	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project
The purpose of this project is to add a Secure Positive Train Control (FRA Mandates) enhancement to Long Island Rail Road Positive Train Control (PTC) systems. Adding the Secure PTC enhancement to the existing PTC system throughout LIRR territory and with the required coordination to provide enhanced operational safety.

Units/Locations/Limits
Long Island Rail Road systemwide.

Summary
The Secure PTSR enhancement adds an additional layer of safety to the PTC system by creating an authentication system that enhances operational safety.

The budget for this project is \$33,000,000. This request is for \$33,000,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency Long Island Rail Road	ACEP ID L70604YJ
Project Name Mentor Allowance - Shops and Yards	Planning Number / PIN
County/Borough: Queens	Zip Code 11412

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 Heating Ventilation Air Conditioning (HVAC) Unit replacement:

This 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 at 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 \$13,500,000. This request is for \$3,500,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency	ACEP ID
Long Island Rail Road	L8060401
Project Name	Planning Number / PIN
Rehabilitation of Employee Facilities - Various Locations	L164-9336
County/Borough: Queens	Zip Code Multiple

Object/Purpose of Project

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

Also, as part of this project three freight elevators located within LIRR's Hillside Support Facility Building #2 will be renewed and upgraded. These freight elevators are used by LIRR employees to transport materials and equipment within the building. Undertaking this renewal effort will ensure the safe and reliable operation of these freight elevators, which directly support LIRR operations.

Units/Locations/Limits

Hillside Support Facility Building #2 in Hollis, Queens and the LIRR Finance and Administration Buildings, located in Jamaica, Queens.

Summary

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

This project will also undertake component upgrades to three freight elevators (Elevators 6, 7 & 8) located within Building #2 of the LIRR's Hillside Support Facility (HSF) in Hollis, Queens. Freight Elevators 6, 7 & 8 are heavily utilized by LIRR staff to transport materials and equipment within the facility. To ensure safe and reliable operations, worn elevator components will be replaced, in addition to performing upgrades to system and safety controls to convert these elevators from mechanical and semi-automatic to fully automatic freight elevators.

The budget for this project is \$41,100,000. This request is for \$41,100,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency Long Island Rail Road	ACEP ID L8060405
Project Name Small Business Mentoring Program - Employee Facilities	Planning Number / PIN L164-9123
County/Borough: Queens	Zip Code 11412

Object/Purpose of Project

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

Also, as part of this project, three freight elevators located within LIRR's Hillside Support Facility Building #2 will be renewed and upgraded. These freight elevators are used by LIRR employees to transport materials and equipment within the building. Undertaking this renewal effort will ensure the safe and reliable operation of these freight elevators, which directly support LIRR operations.

Units/Locations/Limits

Hillside Support Facility Building #2 in Hollis, Queens and the LIRR Finance and Administration Buildings, located in Jamaica, Queens.

Summary

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

This project will also undertake component upgrades to three freight elevators (Elevators 6, 7 & 8) located within Building #2 of the LIRR's Hillside Support Facility (HSF) in Hollis, Queens. Freight Elevators 6, 7 & 8 are heavily utilized by LIRR staff to transport materials and equipment within the facility. To ensure safe and reliable operations, worn elevator components will be replaced, in addition to performing upgrades to system and safety controls to convert these elevators from mechanical and semi-automatic to fully automatic freight elevators.

The budget for this project is \$23,000,000. This request is for \$8,936,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency Long Island Rail Road	ACEP ID L8070101
Project Name Substation Replacements	Planning Number / PIN L171-9124
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project

This project will replace traction power substations at selected LIRR locations. Included in this project is the demolition/removal of existing substation buildings with their components and installation of new substation equipment modular buildings. The existing substations at these locations have exceeded their useful lives and are in need of replacement. The new substations will be designed to address future traction power demands.

Units/Locations/Limits

Winfield Substation (Queens County) on the LIRR Main Line and West Hempstead Substation (Nassau County) on the West Hempstead Branch.

Summary

Substation replacements include removing the existing switchgear, rectifiers, transformers and demolishing the existing building and installing new modular buildings. The modular buildings will contain new alternate current (AC) switchgear and transformers, pre-wired rectifier(s), direct current (DC) switchgear, DC breakers, control cabinets and associated equipment preinstalled. New cables will be installed to the AC switchgear and to third rail. All other associated substation component infrastructure including high tension feeders, DC cables, control cables, fiber optic cables, conduit, manholes, fire alarms, high security fencing, CCTV security cameras, and associated equipment will be provided as necessary.

The budget for this project is \$129,000,000. This request is for \$129,000,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency Long Island Rail Road	ACEP ID L8070103
Project Name Power Component Repairs and Replacements	Planning Number / PIN Multiple
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project
The purpose of this project is to replace platform and station lighting, while upgrading the station electrical system and lights to high efficiency LED. The cyclical State of Good Repair (SOGR) work will replace station lighting systems including the existing lighting fixtures, conduits, cables and electric service at several station platforms/canopies.

Units/Locations/Limits
Station and Building Electrical Systems & Platform Lighting - East New York (Kings County), Woodmere (Nassau County), East Rockaway (Nassau County), Douglaston (Queens County), and Centre Avenue (Nassau County)

Negative Reactor Upgrade - Babylon, Main Line, Port Jefferson, Port Washington, Hempstead and Atlantic Branches

4,160 Volt Feeders - Morris Park Ring Feed (Queens County)

Substation Battery Replacement - Various Locations

Signal Power Line & Power Pole Replacements - Various Locations

Summary
This project will replace platform and station lighting, while upgrading the station electrical systems and lights to high efficiency LEDs at five stations. Component renewals also consists of: Negative Reactor Upgrades, 4,160 Volt Feeders, Substation Battery Replacements, and Signal Power Line and Power Pole Replacements.

The budget for this project is \$64,680,000. This request is for \$21,200,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency	ACEP ID
Long Island Rail Road	L8070104
Project Name	Planning Number / PIN
Third Rail Upgrades	Multiple
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project

This project will replace and upgrade third rail feeder cables and associated system components in areas where they are beyond their useful life and are undersized to properly support electric fleet operations. Replacement will be undertaken at various locations throughout LIRR's electric territory, based upon priority locations identified by the Power Department. This project also includes the removal of old feeder cables, DC Feeder Disconnect Switches, Third Rail Protection Board & Aluminum Rail.

Units/Locations/Limits

Approximately 5,900 linear feet of duct lines and 53,000 linear feet of 2000 MCM Cable throughout LIRR's electric territory; 176 3rd rail disconnect switches; 69,200 lf/yr protection board; 32,200 lf/yr aluminum rail system wide.

Summary

This project will replace/upgrade approximately 5,900 linear feet of duct lines and 53,000 linear feet of 2000 MCM cable at various locations where it is deteriorated and/or beyond its useful life. The old cable will be removed, and the new ducts and cables will be installed. This includes double feeds to all expansion gaps, transpositions and substation feeds. This project also includes the replacement of DC Feeder Disconnect Switches, Third Rail Protection Board & Aluminum Rail.

The budget for this project is \$43,000,000. This request is for \$29,700,000.

Proposed Program of Projects Federal Fiscal Year 2023

Agency

Long Island Rail Road

ACEP ID

L8090410

Project Name

Program Administration

Planning Number / PIN

L194-9139

County/Borough: Multiple

Zip Code Multiple

Object/Purpose of Project

This provides support for the implementation of capital projects, including ongoing general administrative functions by in-house personnel.

Units/Locations/Limits

Systemwide

Summary

Work under this project will support the implementation of projects under the Capital Program.

The budget for this project is \$138,000,000. This request is for \$138,000,000.

Proposed Program of Projects Federal Fiscal Year 2023

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 2023

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 59th, 72nd and 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 2023

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

Object/Purpose of Project

This project provides for the 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 \$165.4 million. This request is for \$88.51 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency

Metro-North Railroad

ACEP ID

M802-02-05

Project Name

Ludlow Station Accessibility Improvements

Planning Number / PIN**County/Borough:**

Westchester

Zip Code**Object/Purpose of Project**

The purpose of this project is to construct one elevator on the north end of the platform providing access from Ludlow bridge to the inbound platform below.

Units/Locations/Limits

Metro-North Hudson Line: Ludlow Station, Yonkers, NY 10705

Summary

The scope of work will provide for installation of a new elevator, machine room and associated components at Metro-North's Ludlow Station.

The budget for this project is \$11.0 million. This request is for \$11.0 million.

Proposed Program of Projects Federal Fiscal Year 2023

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, New York 10509.

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 \$175.00 million. This request is for \$175.00 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency Metro-North Railroad	ACEP ID M803-01-01
Project Name 2023 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 \$63.00 million. This request is for \$24.40 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency	ACEP ID
Metro-North Railroad	M803-01-03
Project Name	Planning Number / PIN
Turnouts: Mainline/High Speed/GCT Turnouts/Yards & Sidings/Insulat	
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 \$75.00 million. This request is for \$17.90 million.

Proposed Program of Projects Federal Fiscal Year 2023

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 \$8.63 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency Metro-North Railroad	ACEP ID M803-01-05
Project Name Rebuild Marble Hill Retaining Wall Phase 1	Planning Number / PIN
County/Borough: Manhattan	Zip Code

Object/Purpose of Project

The purpose of this project is to replace the timber crib portion of the seawall which runs directly under the Broadway Bridge and proceeds South. There will also be miscellaneous repairs to the parts of the wall that connect to the timber crib portion. These repairs were deemed as necessary through the previously conducted inspections.

Units/Locations/Limits

The retaining wall structure is directly under the Broadway Bridge running South for ~500 feet. The wall runs adjacent to Track No 4 on the Hudson Line.

Summary

The Construction phase of this project is to provide a wall replacement for the existing deteriorated timber crib retaining wall at Marble Hill. This phase also includes miscellaneous repairs North and South of the existing timber crib based on the level of deterioration and budget associated with the repair. Permitting process with external stakeholders will be on-going, well beyond the completion of design thus construction is anticipated to begin in the early portion of the next Capital Program (2025-2029).

The budget for this project is \$15.0 million. This request is for \$13.22 million.

Proposed Program of Projects Federal Fiscal Year 2023

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 have 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 \$9.00 million. This request is for \$9.00 million.

Proposed Program of Projects Federal Fiscal Year 2023

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 to 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 \$29.50 million. This request is for \$11.40 million.

Proposed Program of Projects Federal Fiscal Year 2023

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 or replacement to the Metro-North Park Avenue Viaduct ("PAV") and its approach. The project is located on the Hudson Line in northern Manhattan, New York City. The program limits are from E97th Street up to the Harlem River. The PAV includes retaining walls for the street and roadway (E97th Street to E111th Street), stone bridge arch structures, and steel bridge structures. Select sections of the Viaduct which are not scheduled for replacement will be rehabilitated. Replacement work may include new foundations, substructure, superstructure, painting, walkways, track level elements including power systems, communications and signal systems, and track sections.

Units/Locations/Limits

Northern Manhattan from 97th Street to Harlem River.

Summary

This project will progress the repair and replacement of the 129-year-old Viaduct with inspection, design and construction of the repair / replacement packages. The packages will be prioritized to assure that this critical major structure remains in service and trains can continue to serve all trains in and out of Grand Central Terminal, including the Harlem-125th Street Station.

The budget for this project is \$589.00 million. This request is for \$88.00 million.

Proposed Program of Projects Federal Fiscal Year 2023

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 \$72.23 million.

Proposed Program of Projects Federal Fiscal Year 2023

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 \$3.32 million.

Proposed Program of Projects Federal Fiscal Year 2023

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 \$1.48 million. This request is for \$0.98 million.

Proposed Program of Projects Federal Fiscal Year 2023

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 \$3.99 million. This request is for \$1.62 million.

Proposed Program of Projects Federal Fiscal Year 2023

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 \$0.50 million. This request is for \$0.50 million.

Proposed Program of Projects Federal Fiscal Year 2023

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 2023

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 2023

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
New Jersey Transit 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 \$9.27 million.

Proposed Program of Projects Federal Fiscal Year 2023

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 replace the existing undergrade bridges located at Smith Clove Road JS 47.88 on the Port Jervis line that is not a State of Good Repair (SGR). This bridge is in deficient condition and have substandard load ratings.

Units/Locations/Limits

Bridge Replacement at Smith Clove Road located at JS 47.88.

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. The scope of work of this project is to replace undergrade bridge at Smith Clove Road located at JS 47.88 on the Port Jervis Line.

The budget for this project is \$10.53 million. This request is for \$9.86 million.

Proposed Program of Projects Federal Fiscal Year 2023

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 \$38.12 million.

Proposed Program of Projects Federal Fiscal Year 2023

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 \$249.26 million. The request is for \$249.26 million.

Proposed Program of Projects Federal Fiscal Year 2023

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 \$3.92 million. This request is for \$3.92 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency Metro-North Railroad	ACEP ID M804-01-03
Project Name Voice Recorder Replacement	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this project is to upgrade the existing voice recorders currently used to record telephone and radio communications.

Units/Locations/Limits
Metro-North Grand Central Terminal - Kit Room and Wire Chiefs Office.

Summary
This project plan is to utilize MNR Communications Department Capital Force Account employees, on a straight time basis, to systematically replace outdated voice recording system recorders with new state of the art digital voice recorders. The new system would allow us to record up to 250 channels. This added capacity would allow greater control over telephone and radio communications company wide.

The budget for this project is \$1.00 million. This request is for \$1.00 million.

Proposed Program of Projects Federal Fiscal Year 2023

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 \$15.49 million. This request is for \$15.49 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency Metro-North Railroad	ACEP ID M804-01-05
Project Name Station PA System	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to replace obsolete hardware at station level with modern ethernet based Audio system to supply customers with real time information. The current equipment has been in service for over 25 years. The equipment has been problematic to maintain from both Network resources and Radio Maintainer resources. The replacement equipment will improve reliability, allow for migration from obsolete network equipment and improve the customer experience by eliminating DTMF (Dual Tone Multiple Frequency) tones that are noise pollution at the start and end of every transmission. Hundreds of messages are broadcast throughout the day to support customer needs.

Units/Locations/Limits

Metro-North Railroad Hudson and Harlem Lines.

Summary

The project will leverage other infrastructure improvements post super storm sandy to phase out obsolete hardware for both network and past useful life / support station hardware.

Will build off past capital initiatives.

The equipment will directly impact those who live in the immediate area and ride our trains.

Reduce noise pollution from DTMF tones and allow for modern approach to remote management for increased up time.

The budget for this project is \$2.01 million. This request is for \$2.01 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency	ACEP ID
Metro-North Railroad	M804-01-06
Project Name	Planning Number / PIN
Radio System	
County/Borough: Multiple	Zip Code

Object/Purpose of Project

Purpose of the project is to design-build phase one of a complete, reengineered voice radio system on Metro North Railroad Property. This includes upgrading the condition of field facilities, replacing the Zetron radio system controller with a modern digitally based, redundant head-end control system and adding facilities to improve coverage as required. The existing dispatch console system (Zetron) has reached the end of its useful life. Upgrading to a new system requires new radio room equipment, new workstations, and new cabling in both the OCC and ECC while ongoing operations are maintained.

Units/Locations/Limits

The location for the project is the OCC and the ECC. The OCC is located on the 6th Floor of GCT while the ECC is located at 525 N Broadway in White Plains, NY.

Summary

The purpose of this project is to upgrade the Zetron radio system. This investment is in accordance with the ongoing Metro-North's goal of maintaining the Metro-North vital radio communications in a State of Good Repair. The radio is used as the primary means of communicating with the RTC as well as for Transportation, M of W, MTA PD, M of E, and Fire Brigade. Efficient communication between operating employees is critical to service reliability.

This initial phase 1 project will address the following:

Replace Dispatch Console System, including the servers, workstations, media connections, console and line audio recording equipment, and cabling.

Head End IP-based voting, including IP voting equipment at both the head end and field locations.

Harden Grand Central Terminal 6th Floor Radio Room, including architectural, structural, electrical, HVAC/plumbing, fire protection, and communications improvements.

Backhaul to IP/Ethernet, including IP gateway equipment, network equipment, and cabling at approximately 36 field locations (such as node houses or locations in close proximity to existing fiber/IP equipment).

The budget for this project is \$13.37 million. This request is for \$13.37 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency Metro-North Railroad	ACEP ID M804-01-08
Project Name CCTV	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The Purpose of this project is to upgrade Metro-North security components including cameras and Network DVRs. This allows Metro-North to review incidents and events in support of Railroad operation, MTA Police and maintain state of good repair for our security initiatives.

Units/Locations/Limits

Yankee 153rd Street
Yonkers
Croton-Harmon
Scarsdale

Summary

This project will cyclically replace and upgrade Metro-North Video Surveillance. The work consists of Networking element, camera replacement, new cabling, modernization of video storage. It allows for diversification for stored video, ease of maintenance, avoid incompatibility with future integration to backhaul to headend system and allows for increased bandwidth at location that allow connection back to security control center. This leads to faster response time post incident, possibility of using video analytics, higher reliability at the locations referenced and disaster recovery.

The budget for this project is \$2.50 million. This request is for \$2.50 million.

Proposed Program of Projects Federal Fiscal Year 2023

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 2023

Agency Metro-North Railroad	ACEP ID M804-01-13
Project Name Positive Train Stop Release	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to install a new Positive Train Stop Release button on all Metro-North Railroad ACSES equipment. This added functionality will verify an engineer has received permission from a dispatcher to operate the Positive Train Stop Pushbutton by requiring a code provided by the dispatcher to be entered by the train engineer to enable the button.

Units/Locations/Limits

Metro-North Railroad systemwide.

Summary

Metro-North received from FRA a conditional certification of the Positive Train Control Safety Plan (PTCIP) in 2020. One condition is to implement Positive Train Stop Release (PTSR) via a dispatcher and train engineer interface. The Secure Positive Train Stop Release project intends to improve the security of ACSES's Positive Train Stop Release (PTSR) function by verifying an engineer has received permission from a dispatcher to operate the Positive Train Stop Pushbutton by requiring a code provided by the dispatcher to be entered by the train engineer to enable the button. This is a component that will be installed on all ACSES equipment.

The budget for this project is \$25.00 million. This request is for \$25.00 million.

Proposed Program of Projects Federal Fiscal Year 2023

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 purpose of this project is electrifying the two segments of Track #1 to provide added reliability and flexibility to insure that emergency or other track outages do not diminish Metro-North's ability to run existing commuter rail service while minimizing impact on Amtrak and freight train operations. Additionally, having all tracks electrified provides operational flexibility for capital and maintenance construction work along the right of way in this busy section of the Hudson Line.

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, as well as associated wayside components.

The budget for this project is \$44.06 million. This request is for \$43.41 million.

Proposed Program of Projects Federal Fiscal Year 2023

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 2023

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 at each of the DC Traction Power Substation at the following sites: Putnam junction, Mott have, Bedford 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 2023

Agency Metro-North Railroad	ACEP ID M706-01-04
Project Name WoH Capacity Improvements – Pt. Jervis Line (Passing Sidings)	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to evaluate the Port Jervis Line for locations for passing sidings within Orange County, NY and potentially increase customer service. The project includes a study of train patterns and service, potential locations and constructibility options.

Units/Locations/Limits

Locations for sidings are under review.

Summary

This project will install sidings on the Port Jervis Line in an effort to increase service for West of Hudson customers. The project is geared toward re-establishing the 2nd track, which was previously removed and converted into an access road. These improvements are in preparation of added benefits from future completion of the Gateway Project when completed in New Jersey for NJ Transit. Additional second track accommodations will be needed to support additional service and this project is a precursor to that work.

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

Proposed Program of Projects Federal Fiscal Year 2023

Agency Metro-North Railroad	ACEP ID M708-01-10
Project Name GCT Security Cameras and Expansion	Planning Number / PIN
County/Borough: Manhattan	Zip Code

Object/Purpose of Project
The GCT Existing Security System State of Good Repair and Expansion project will upgrade current IESS security enterprise since it reached the end of its useful life.

Units/Locations/Limits
Metro-North Railroad Systemwide.

Summary
Public transportation facilities and operations remain a target for international and homegrown terrorists. The MTA performed a systemwide security assessment of all assets to identify vulnerable assets and identify mitigations. An upgrade program is required to keep the system in a state of good repair, including all existing systems, related sub-systems, hardware and software platforms, networks, and technologies currently in use.

The budget for this project is \$15.93 million. This request is for \$10.40 million.

Proposed Program of Projects Federal Fiscal Year 2023

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 2023 grant.

The budget for this project is \$45.7 million. This request is for \$15.39 million.

Proposed Program of Projects Federal Fiscal Year 2023

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 \$16.00 million. This request is for \$4.00 million.

Proposed Program of Projects Federal Fiscal Year 2023

Agency MTA Bus	ACEP ID U7030215
Project Name Project Administration - 2018-2019	Planning Number / PIN SF07-2588
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 the federally funded projects within the MTA Bus Capital Program.

The estimated cost for this project is \$4.2M, of which the federal amount will be \$3.39M.

Proposed Program of Projects Federal Fiscal Year 2023

Agency MTA Bus	ACEP ID U8030201
Project Name Standard Battery Electric Bus Buy	Planning Number / PIN SF02-8751
County/Borough: Bronx	Zip Code

Object/Purpose of Project
The object of this project is to purchase 25 standard Battery Electric Buses (BEB) to be operated out of the Eastchester Depot.

Units/Locations/Limits
25 buses at the Eastchester Depot

Summary
As the MTA is committed to transitioning to a fully all-electric fleet by 2040, this project will purchase 25 standard Battery Electric Buses (BEB for MTA Bus. The BEBs will be operated out of the Eastchester Depot.

These buses will normally replace over-age / end-of-life buses. The buses will feature all customer amenities and technology features per the New Bus Specification.

The estimated cost for this project is \$34.9M, of which the federal amount will be \$27.92M.

Proposed Program of Projects Federal Fiscal Year 2023

Agency MTA Bus	ACEP ID U8030226
Project Name Design/Engineering Management Services - 2020	Planning Number / PIN SF01-8880
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this project is to provide design/engineering management services for the federally funded projects in the 2020 - 2024 MTA Bus Capital Program.

Units/Locations/Limits
Multiple

Summary
Under this project, design/engineering services will be provided for the federally funded projects in the 2020 - 2024 MTA Bus Capital Program.

The estimated cost for this project is \$2.4M, of which the federal amount will be \$1.92M.