

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

Capital Projects - Virtual Public Hearing
Tuesday, February 23, 2021
5:00P.M.

Virtually via ZOOM Webinar

Request for Federal Financial Assistance

Under the Federal Transportation Authorization

For

Federal Fiscal Year 2021

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 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, 5324, 5337, 5339, 5340 and/or funds available for transit use under Title I of the Federal transportation authorization for the capital projects of New York City Transit Authority (NYCTA), Manhattan and Bronx Surface Transit Operating Authority (MaBSTOA), Long Island Rail Road (LIRR), Metro-North Railroad (MNR), MTA Construction and Development Company (MTA C&D) and MTA Bus Company (MTA Bus). The MTA particularly solicits and encourages the participation of private transportation providers and invites their comments and feedback. The Governor of the State of New York, local officials and publicly-owned operators of mass transportation services have designated MTA to receive the federal grants made in connection with this request.

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

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

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

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

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

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

PROPOSALS

I. Section 5307 Requests

In Federal Fiscal Year 2020, MTA received an estimated \$684.2 million of Section 5307 funds. MTA will use those funds for NYCTA, MaBTOA, LIRR, MNR, MTA C&D and MTA Bus projects. Full year apportionments for Federal Fiscal Year 2021 are not yet available.

MTA proposes to:

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

II. Requests for Funds under Sections 5324, 5337 and 5339 of the Code, and Title I of FAST Act

- A) In Federal Fiscal Year 2020, MTA received \$734.6 million of Section 5337 State of Good Repair and \$29.8 million of Section 5339 Bus and Bus Facilities funds. Projects will also be submitted for federal funds under Title I funds categories of FAST Act, as appropriate, in an effort to assure receipt of the maximum amount of federal assistance. The apportionment for Federal Fiscal Year 2021 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 MAP-21 or FAST Act, as appropriate, and for adjustments to these programs.

DATE and TIME OF THE VIRTUAL PUBLIC HEARING

2021 CAPITAL PROJECTS VIRTUAL PUBLIC HEARING

Date: Tuesday, February 23, 2021

Time: 5:00 p.m.

Location: **Virtually via Zoom webinar**

Virtual Public Hearing Format

Due to the ongoing COVID-19 pandemic, we are conducting this meeting virtually via Zoom’s online platform and conference call feature, with a livestream available on the MTA 2021 Capital Projects hearing website.

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

Registering for the Virtual Public Hearing

To register to speak at the virtual public hearing, please register online at **new.mta.info/2021-capital-projects-hearing** or call the Public Hearing Hotline at (646) 252-6777. Registration for

the virtual public hearing will be open on February 23, 2021 from 10:00 a.m. to 11:00 a.m. All comments will be transcribed and made part of the permanent record of these hearings.

Joining the Virtual Public Hearing

If you are registered to speak, you may 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: **new.mta.info/2021-capital-projects-hearing**. (You can also go to zoom.us/join and enter the Webinar ID 889 4444 8992)

Join by PC/Tablet/Smartphone:

Join link: <https://mta-info.zoom.us/j/88944448992>

Webinar ID: 889 4444 8992

Join Zoom Webinar By Phone:

To access the Zoom webinar by phone, please call 1-877-853-5247 (toll-free). Then enter Webinar ID 889 4444 8992, followed by the pound (#) sign.

View-Only Online:

Members of the public who wish only to view the hearings may access the event live at **new.mta.info/2021-capital-projects-hearing**.

Members of the public who do not have access to a computer or who do not have access to the Internet can listen to the hearing by calling the Zoom webinar at 1-877-853-5247 (toll-free). Then enter Webinar ID 889 444 8992, followed by the pound (#) sign.

To Submit Comments

All written comments must be submitted by 5 p.m. on February 23, 2021. 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 **new.mta.info/2021-capital-projects-hearing**.

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 make the final program of projects available on its website (<http://web.mta.info/mta/grant/index.html>) for Section 5307 funded projects when the FTA awards the Federal Fiscal Year 2021 grants.

Additional Ways to Comment or Request Information

To submit comments, for additional information or to request copies of the final program of projects to be submitted to the FTA, letters should be addressed to MTA Capital Program Funding, Re: 2021 Capital Projects Virtual Public Hearing, 2 Broadway, Room B4.01, New York, NY 10004. To submit comments, or for additional information, you may also contact us at (646) 252-6777. Telephone agents are available from 6 a.m. to 10 p.m. daily.

Accessibility and Language Assistance Services

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

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

Members of the public who are blind or have low vision can request accommodations on or before February 3, 2021, by submitting a request online at **new.mta.info/2021-capital-projects-hearing** or by calling the Public Hearing Hotline at (646) 252-6777.

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 **new.mta.info/2021-capital-projects-hearing**, 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 December 2019, MTA Capital Construction Company (MTACC) became the MTA Development and Construction Company (MTA C&D). Henceforth, projects previously identified as MTA Capital Construction 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 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 2021**

ACEP ID/Agency PIN	Project/Project Description	Estimated Federal Request (\$M)	Page
NEW YORK CITY TRANSIT			
<i>Bus Replacement</i>			
T7030216	45 Standard Electric Buses	\$54.20	1
T8030201	Standard Electric Buses	\$70.00	2
T8030203	Articulated All-Electric Buses (AEBs)	\$103.00	3
T8030205	Express Buses	\$20.00	4
	Subtotal	\$247.20	
<i>Stations</i>			
T6040706	Replace Two Hydraulic Elevator at GC / Lex	\$15.00	5
T6040714	Replace One Hydraulic Elevator at GC / Flushing	\$2.00	6
T7040703	Replace 8 Traction Elevators / Various	\$20.00	7
T7040708	Replace 2 Escalators / Pelham Parkway/ White Plains	\$5.00	8
T7040709	Replace 6 Escalators / Various	\$25.00	9
T7040713	Replace 5 Escalators / Various (Brooklyn &	\$25.00	10
T80407	Station Escalators & Elevators (2020-2024)	\$620.00	11
T7041213	Station Renewal: Woodhaven Boulevard / Jamaica	\$66.00	12
T7041218	Station Renewal: 61 Street-Woodside / Flushing	\$180.00	13
T7041229	Subway Street Stairs: 2 Locs / Various (2015) [SBMP]	\$3.00	14
T7041251	Platform Components: 6 Avenue / Canarsie	\$5.00	15
T70412A9	2 Street Stairs: 34 St / BWY (S4/M4, S8/M8) [SBMP]	\$2.00	16
T70412F4	Stairs: 14th St-6th Ave (S2/M4,S5/M11,S7/M13)	\$5.00	17
T70412L2	Platform Components: 14th Street / 6AV	\$11.00	18
T80412	Station Renewals and Components (2020-2024)	\$210.00	19
T6041318	ADA: 8 Avenue Southbound Elevator / Sea Beach	\$15.00	20
T7041314	ADA: Court Square / Crosstown (Elevator Phase)	\$30.00	21
T7041316	ADA: Woodhaven Blvd / Jamaica	\$70.00	22
T7041324	ADA at 68 Street Hunter College Station, Lexington Av	\$65.00	23
T7041327	ADA and Reconstruction: Westchester Sq., Jerome	\$98.60	24
T7041330	New Stair: Street to Mezzanine - 14 St / 6th Ave	\$2.00	25
T7041335	ADA Enhancements: Queensboro Plaza / Flushing	\$80.00	26
T7041346	ADA: 6 Ave / Canarsie	\$60.00	27
T7041347	ADA: 14 St / 6th Ave	\$45.00	28
T7041348	ADA: 14 St / Broadway-7th Ave	\$60.00	29
T80413	Station Accessibility (2020-2024)	\$770.80	30
T7041422	Station Circulation Enhancements: Main Street /	\$55.00	31
T7041423	Sutphin Blvd-Archer Ave: Fare Control Upgrade	\$5.00	32
	Subtotal	\$2,550.40	

Proposed Program of Projects Federal Fiscal Year 2021

ACEP ID/Agency PIN	Project/Project Description	Estimated Federal Request (\$M)	Page
<i>Track</i>			
T80502	Mainline Track	\$344.00	33
T80503	Mainline Switches	\$50.00	34
	Subtotal	\$394.00	
<i>Line Equipment</i>			
T80605	Line Equipment	\$110.00	35
	Subtotal	\$110.00	
<i>SIRTOA</i>			
S7070104	SIRTOA UHF T-Band Radio System Replacement	\$40.00	36
	Subtotal	\$40.00	
<i>Line Structures</i>			
T7070308	Structural Rehab: Emergency Exit 302N - 168 St/BW7	\$10.00	37
T7070319	Line Structure Component Repair Program (LSCR): 1-	\$41.00	38
T7070343	Repair Track/Structure Supporting Steel, Woodside-	\$50.00	39
T8070301	Subway Line Structure Repair	\$180.00	40
T8070302	Elevated Line Structure Repair	\$280.00	41
T8070303	Line Structure Overcoating	\$420.00	42
	Subtotal	\$981.00	
<i>Signals and Communications</i>			
T60803AA	Signals: Walkway for 8 Bridges, Dyre Line (SBMP)	\$0.80	43
T7080650	Connection-Oriented Ethernet (COE) at 265 Stns, Ph	\$15.00	44
T80803	Signal Modernization: Various Locations	\$200.00	45
T80806	Communication Systems	\$160.00	46
	Subtotal	\$375.80	
<i>Power</i>			
T6090218	Montague-Furman Substation (Core)	\$2.00	47
T80904	Traction Power	\$175.00	48
	Subtotal	\$177.00	
<i>Shops</i>			
T8100402	Shop Rehab/Reconstruct: Various Locations	\$80.00	49
	Subtotal	\$80.00	
<i>Depots</i>			
T6120323	Window Replacement Flatbush & Ulmer Park Depots	\$7.70	50
T8120301	Depot Component Repairs: Various Locations	\$20.80	51
	Subtotal	\$28.50	

**Proposed Program of Projects
Federal Fiscal Year 2021**

ACEP ID/Agency PIN	Project/Project Description	Estimated Federal Request (\$M)	Page
Misc./Emergency			
T81607	Misc./Emergency: Employee Facilities	\$66.20	52
		Subtotal	
		\$66.20	
New York City Transit Total		\$5,050.10	

LONG ISLAND RAILROAD

Stations

L8020401	Station Renewals: Various Locations (Atlantic Terminal Leak Remediation & Component Renewal)	\$15.00	53
L8020402	Station Platform Components (Accessibility Components)	\$39.00	54
L8020403	Station Building Components (Sea Cliff Retaining Walls & ADA Ramps)	\$1.70	55
L8020404	Escalator Replacement	\$10.00	56
L8020405	Elevator Replacement	\$16.40	57
L8020408	Small Business Mentoring Program - Stations	\$16.00	58
L8020411	Locust Manor New Elevator (ADA)	\$15.00	59
L8020413	Amityville, Copiague, Lindenhurst New Elevators	\$40.00	60
L8020414	St. Albans New Elevator (ADA)	\$8.80	61
L8020501	Parking Rehab & Access Improvements (Ronkonkoma Parking Garage Rehabilitation)	\$6.95	62
L8020502	Small Business Mentoring Program - Parking	\$11.20	63
		Subtotal	
		\$180.05	

Track

L8030102	Various Right of Way Projects	\$9.60	64
L8030103	Yard Track Rehabilitations	\$28.00	65
L8030104	Annual Track Program	\$388.40	66
L8030402	Jamaica Capacity Improvements - Phase II	\$135.00	67
L8030403	E Yard Extension (JCI)	\$100.00	68
		Subtotal	
		\$661.00	

Line Structures

L8040101	Painting, Drainage & Waterproofing of Bridges	\$36.20	69
L8040103	Miscellaneous Bridge Work	\$72.40	70
L8040104	Small Business Mentoring Allowance - Bridges	\$33.80	71
L8040201	Atlantic Avenue Tunnel Structural Renewal	\$50.00	72
L8040202	Tunnel Replacements and Upgrades	\$5.00	73
		Subtotal	
		\$197.40	

**Proposed Program of Projects
Federal Fiscal Year 2021**

ACEP ID/Agency PIN	Project/Project Description	Estimated Federal Request (\$M)	Page
<i>Communications and Signals</i>			
L8050101	Communication Pole Line	\$6.40	74
L8050102	Communication Component Replacement	\$6.40	75
L8050205	Signal Replacement and Interlocking Improvements (Signal Normal Replacement)	\$6.60	76
	Subtotal	\$19.40	
<i>Shops and Yards</i>			
L8060401	Rehabilitation of Employee Facilities (Atlantic Terminal)	\$15.00	77
L8060405	Small Business Mentoring Program Employee Facilities	\$21.80	78
	Subtotal	\$36.80	
<i>Power</i>			
L8070101	Substation Replacements	\$80.00	79
L8070102	Lighting Improvements (Yard Lighting & Amenities & Atlantic Avenue Tunnel Lighting)	\$6.40	80
L8070103	Power Component Repairs and Replacements	\$21.20	81
L8070104	Third Rail Upgrades	\$34.70	82
	Subtotal	\$142.30	
<i>Miscellaneous</i>			
L8090410	Program Administration	\$138.00	83
	Subtotal	\$138.00	
Long Island Rail Road Total		\$1,374.95	

METRO-NORTH RAILROAD

Ferries

882396	Haverstraw-Ossining Ferry	\$5.13	84
882399A	Newburgh-Beacon Ferry	\$4.03	85
882399B	Newburgh-Beacon Ferry Landing Dock	\$3.40	86
	Subtotal	\$12.56	

Stations

M702-01-08	Replace Park Avenue Tunnel Emergency Exit Hatches and Stairs	\$2.00	87
M802-01-02	Park Avenue Tunnel Improvements	\$159.59	88
M802-01-03	GCT Fire & Sprinkler Standpipe Replacement Phase II	\$4.30	89
M802-01-04	GCT Mentoring- Park Avenue Tunnel Emergency Exit Hatches & Stairs Replacement	\$8.42	90
M802-02-01	Upper H&H Station Priority Repairs	\$9.25	91

**Proposed Program of Projects
Federal Fiscal Year 2021**

ACEP ID/Agency PIN	Project/Project Description	Estimated Federal Request (\$M)	Page
M802-02-02	Harlem Line Station Renewals – Mt Vernon West Design	\$49.80	92
M802-02-03	Wakefield ADA Elevators	\$27.81	93
M802-02-07	Roof Replacements at Tuckahoe and Hastings Stations	\$5.44	94
M802-02-07	Station Mentoring Program – Design Dry Lines	\$3.38	95
M802-03-02	Parking Mentoring New Hamburg, Beacon, and Cold Spring Paving	\$5.40	96
	Subtotal	\$275.39	
<i>Track and Structures</i>			
M703-02-01	Overhead Bridge Rehab. - East of Hudson	\$2.30	97
M703-02-03	Undergrade Bridge Rehab. - East of Hudson	\$3.00	98
M803-01-01	2021 Cyclical Track Program	\$76.14	99
M803-01-03	Turnouts: Mainline/High Speed/GCT Turnouts/Yards & Sidings	\$76.30	100
M803-01-04	Rock Slope Remediation	\$15.00	101
M803-01-05	Rebuild Marble Hill Retaining Wall - Phase 1	\$15.00	102
M803-01-07	Maintenance of Way Equipment	\$16.64	103
M803-02-01	Park Avenue Viaduct Replacement	\$385.64	104
M803-02-02	Undergrade Bridge - Hudson Line Culverts	\$77.60	105
M803-02-03	Overhead Bridge Program East of Hudson	\$75.90	106
M803-02-04	Replace Railtop Culverts	\$4.60	107
M803-02-05	Bridge Walkways	\$2.27	108
M803-02-06	Replace Undergrade Bridge Timber	\$4.55	109
M803-02-07	Right-of-Way Fencing	\$1.14	110
M803-02-08	Hudson Line Tunnels	\$5.69	111
M803-02-09	Mentoring Program Structures	\$14.14	112
M803-03-02	West of Hudson Track Program	\$7.96	113
M803-03-03	West of Hudson Undergrade Bridge – Pt. Jervis Line	\$10.53	114
M803-03-04	Moodna/Woodbury Viaduct Repairs	\$40.00	115
	Subtotal	\$834.40	
M804-01-01	Harmon to Poughkeepsie Signal System	\$197.85	116
M804-01-06	Radio System	\$10.00	117
M804-01-XX	Positive Train Control	\$31.00	118
	Subtotal	\$238.85	
<i>Power</i>			
M805-01-01	Replace Motor-Alternators in Signal Substations	\$20.00	119
M805-01-02	Substation Rehabilitation	\$14.78	120

**Proposed Program of Projects
Federal Fiscal Year 2021**

ACEP ID/Agency PIN	Project/Project Description	Estimated Federal Request (\$M)	Page
M805-01-04	Upgrade NHL Power Substation Feeders	\$19.27	121
M805-01-04	Rebuild 2 NHL AC Substations	\$39.50	122
M805-01-04	NHL Pelham Substation Replacement	\$24.40	123
M805-01-07	Replace Signal Power Transformer & Signal Sect. Switches	\$3.21	124
M805-01-08	Transformer Rehabilitation	\$3.43	125
	Subtotal	\$124.59	
<i>Shops and Yards</i>			
M806-01-01	Upgrade Automotive Fuel System	\$6.70	126
	Subtotal	\$6.70	
<i>Miscellaneous</i>			
M808-01-05	Program Administration	\$40.00	127
M808-01-06	Program Scope Development	\$16.00	128
	Subtotal	\$56.00	
Metro-North Railroad Total		\$1,548.49	
 MTA BUS			
<i>Bus Replacement</i>			
U8030202	Purchase 110 Standard Buses	\$20.90	129
	Subtotal	\$20.90	
<i>Facilities</i>			
U8030209	Façade Repair at JFK, LaGuardia, and Baisley Park Depots	\$5.20	130
U8030209	New Building Management Systems Installation, Fire Alarm & Methane Detection Replacement at Spring Creek Depot	\$3.60	131
U8030209	HVAC Phase 2 - Spring Creek Depot	\$7.20	132
	Subtotal	\$16.00	
MTA Bus Total		\$36.90	
MTA GRAND TOTAL		\$8,010.44	

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T7030216
Project Name 45 Standard Electric Buses	Planning Number / PIN SF02-8129
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project
The purpose of this initiative is to purchase 45 All-Electric buses utilizing new energy alternative technology to replace end-of-life buses.

Units/Locations/Limits
45 All-Electric Buses

Summary
Purchase 45 All-Electric Buses (AEB), for NYCT, replacing end-of-life hybrid buses. The AEBs will have a 12-year useful life, in compliance with the MTA's standards, will meet or exceed Environmental Protection Agency (EPA) emissions standards, as well as ADA standards.

The budget for this project is \$54.2 million. This request is for \$54.2 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T8030201
Project Name Standard Electric Buses	Planning Number / PIN SF02-8938
County/Borough: Multiple	Zip Code Multiple

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

Units/Locations/Limits
Standard Electric Buses / system-wide

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

The budget for this project is \$70.0 million. This request is for \$70.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T8030203
Project Name Articulated All-Electric Buses (AEBs)	Planning Number / PIN SF02-8747
County/Borough: Multiple	Zip Code Multiple

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

Units/Locations/Limits
Articulated All-Electric Buses (AEB) / system-wide

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

The budget for this project is \$103.0 million. This request is for \$103.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T8030205
Project Name Express Buses	Planning Number / PIN SF02-8748
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project

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

Units/Locations/Limits

Express Buses / system-wide

Summary

Purchase new express buses for NYCT, replacing end-of-life buses. All buses will have a 12-year useful life, in compliance with the MTA's standards, will meet or exceed Environmental Protection Agency (EPA) emissions standards, as well as ADA standards.

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T6040706
Project Name Replace Two Hydraulic Elevator at GC / Lex	Planning Number / PIN MW48-6682
County/Borough: Manhattan	Zip Code 10017

Object/Purpose of Project
The purpose of this initiative is to replace deficient elevators at Grand Central subway station.

Units/Locations/Limits
2 hydraulic elevators/Lexington Line/GC-42 St Station (Manhattan)

Summary
Elevator replacement includes (but not limited to) replacing existing elevator cars with operating panels, electrical panels, communications system, smoke and fire detection system and hydraulic components. The project will also provide ethernet connection between the Status Monitor and the Elevator & Escalator Control Center.

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

The budget for this project is \$22.6 million. The request is for \$15.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T6040714
Project Name Replace One Hydraulic Elevator at GC / Flushing	Planning Number / PIN MW48-6682
County/Borough: Manhattan	Zip Code 10017

Object/Purpose of Project
The purpose of this initiative is to replace deficient elevator at Grand Central subway station.

Units/Locations/Limits
1 hydraulic elevator/Flushing Line/GC-42 St Station (Manhattan)

Summary
Elevator replacement includes (but not limited to) additional finishes, electrical panels, communications system, smoke and fire detection system and hydraulic components to complete entire project. The project will also provide ethernet connection between the Status Monitor and the Elevator & Escalator Control Center.

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

The budget for this project is \$8.7 million. The request is for \$2.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T7040703
Project Name Replace 8 Traction Elevators / Various	Planning Number / PIN MW48-1506
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project
The purpose of this initiative is to replace 8 deficient elevators at 4 locations to improve reliability and accessibility.

Units/Locations/Limits
2 Elevators/Broadway Line/Court St Station (Brooklyn)
3 Elevators/Clark Line/Clark St Station (street) (Brooklyn)
1 Elevator/E63 St Line/Lex Av-63 St Station (northbound) (Manhattan)
2 Elevator/E63 St Line/Roosevelt Island Station (Manhattan)

Summary
This project will replace (but not limited to) existing
- Elevator cars with operating panels and related equipment
- Electrical panels
- Communications system
- Smoke and fire detection system
- Provide ethernet connection between Status Monitor and Elevator & Escalator Control Center

This project includes Americans with Disability (ADA) accessible stations, except those than have been determined to be infeasible.

The budget for this project is \$66.00 million. The request is for \$20.00 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T7040708
Project Name Replace 2 Escalators / Pelham Parkway/ White Plains Road	Planning Number / PIN MW03-2061
County/Borough: Bronx	Zip Code 10469

Object/Purpose of Project

The purpose of this initiative is to replace two (2) existing escalators at Pelham Parkway subway station due to the equipment has reached the end of its useful life. The replacement is necessary to continue providing reliable customer service, which includes facilitating vertical intra-station access for customers with mobility impairments.

Units/Locations/Limits

Two (2) escalators/White Plains Road Line/Pelham Parkway Station (Bronx)

Summary

This project will replace (but not limited to) existing - Escalator controllers- Status monitoring system- Electrical panels- Communication systems- Closed-circuit television system (CCTV)- Smoke and fire detection systems- Provide ethernet connection between Status Monitor and Elevator & Escalator Control Center.

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

The budget for this project is \$15.3 million. The request is for \$5.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T7040709
Project Name Replace 6 Escalators / Various	Planning Number / PIN MW03-2062
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project

The purpose of this initiative is to replace five (5) existing escalators at three (3) locations due to the equipment has reached the end of its useful life. The replacement is necessary to continue providing reliable customer service, which includes facilitating vertical intra-station access for customers with mobility impairments.

Units/Locations/Limits

Three (3) escalators/8 Av Line/181 Street Station (Manhattan) two (2) escalators/Pelham Line/Pelham Bay Park Station (Bronx) / 1 escalator/Broadway-7 Av Line/125 Street Station (Manhattan)

Summary

- This project will replace (but not limited to) existing
- Escalator controllers
 - Status monitoring system
 - Electrical panels
 - Communication systems
 - Closed-circuit television system (CCTV)
 - Smoke and fire detection systems
 - Provide ethernet connection between Status Monitor and Elevator & Escalator Control Center

Pelham Bay Park station is an American with Disabilities (ADA) accessible station. ADA accessibility at 181 Street and 125 Street will be addressed in future projects.

The budget for this project is \$43.5 million. The request is for \$25.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T7040713
Project Name Replace 5 Escalators / Various (Brooklyn & Manhattan)	Planning Number / PIN MW03-6182
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project

The purpose of this initiative is to replace five (5) existing escalators at three (3) locations due to their age and condition have a significant negative impact on their reliability and availability. The replacement is necessary to continue providing reliable customer service, which includes facilitating vertical intra-station access for customers with mobility impairments.

Units/Locations/Limits

Two (2) escalators/8 Av Line/High St-Cadman Plz Station (Brooklyn) two (2) escalators/8 Av Line/High St-Adams St Station (Brooklyn) / (One) 1 escalator/E63 St Line/Bowling Green Station (Manhattan)

Summary

- This project will replace (but not limited to) existing
- Escalator controllers
 - Status monitoring system
 - Electrical panels
 - Communication systems
 - Closed-circuit television system (CCTV)
 - Smoke and fire detection systems
 - Provide ethernet connection between Status Monitor and Elevator & Escalator Control Center

Bowling Green is an American with Disabilities (ADA) accessible station.

The budget for this project is \$41.3 million. The request is for \$25.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T80407
Project Name Station Escalators & Elevators (2020-2024)	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

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

Units/Locations/Limits
Various stations, system-wide

Summary

The scope of work for these projects will replace elevators and escalators at various stations, system-wide. Escalator replacement includes (but not limited to) replacing existing escalator controllers, status monitoring system, electrical panels, communication systems, closed circuit television (CCTV) system and the smoke and fire detection systems. Elevator replacement includes (but not limited to) replacing existing elevator cars with operating panels, electrical panels, communications system, smoke and fire detection system and other components depending on whether it is traction or hydraulic. All escalator and elevator projects also provide ethernet connection between the Status Monitor and the Elevator & Escalator Control Center.

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

The budget for this project is \$620.0 million. The request is for \$620.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T7041213
Project Name Station Renewal: Woodhaven Boulevard / Jamaica	Planning Number / PIN ST22-1888
County/Borough: Queens	Zip Code 11421

Object/Purpose of Project
The purpose of this initiative is the rehabilitation of all deficient components at Woodhaven Boulevard on the Jamaica Line.

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

Summary
The scope of work for this project may include (but not limited to): install new, repair or replace street stairs, mezzanine to platform stairs, doors and windows, interior and exterior walls, platforms, and canopies as required. Stations may also be painted. Some of the work may be performed as part of ADA accessibility project at this station.

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

The budget for this project is \$66.0 million. The request is for \$66.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T7041218
Project Name Station Renewal: 61 Street-Woodside / Flushing	Planning Number / PIN ST22-1559
County/Borough: Queens	Zip Code 11377

Object/Purpose of Project
The purpose of this initiative is the rehabilitation of all deficient components at 61st Street-Woodside on the Flushing Line.

Units/Locations/Limits
Station Components, 61 Street-Woodside station, Flushing Line (Queens)

Summary
This project may include rehabilitation or replacement of street stairs, canopies, lighting, floors, doors, windows, interior and exterior walls and platforms, as required. The stations may also be painted.

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

The budget for this project is \$180.0 million. The request is for \$180.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T7041229
Project Name Subway Street Stairs: 2 Locs / Various (2015) [SBMP]	Planning Number / PIN ST21-3078
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this initiative is the rehabilitation or replacement of subway street stairs at two locations in Manhattan and Brooklyn.

Units/Locations/Limits
Street Stairs, 34th St Station (Manhattan); 59th St Station (Brooklyn)

Summary
This Small Business Mentoring Program (SBMP) project will include repair or replacement of street stairs and may include painting and environmental provisions for lead paint, as required.

All stations are Americans with Disabilities (ADA) accessible stations.

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T7041251
Project Name Platform Components: 6 Avenue / Canarsie	Planning Number / PIN ST21-2495
County/Borough: Manhattan	Zip Code 10011

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

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

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

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

The budget for this project is \$5.0 million. The request is for \$5.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency

New York City Transit

ACEP ID

T70412A9

Project Name

2 Street Stairs: 34 St / BWY (S4/M4, S8/M8) [SBMP Tier 2]

Planning Number / PIN

ST21-3078

County/Borough:

Manhattan

Zip Code

10001

Object/Purpose of Project

The purpose of this initiative is the rehabilitation or replacement of subway street stairs at two locations at 34th Street-Herald Square station on the Broadway Line.

Units/Locations/Limits

2 street stairs, 34th Street-Herald Square station / Broadway Line (Manhattan)

Summary

This Small Business Mentoring Program (SBMP) project will include repair or replacement of street stairs and may include painting and environmental provisions for lead paint, as required.

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

The budget for this project is \$2.0 million. The request is for \$2.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T70412F4
Project Name Stairs: 14th St-6th Ave (S2/M4,S5/M11,S7/M13)	Planning Number / PIN ST21-3080
County/Borough: Manhattan	Zip Code 10011

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

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

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

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

The budget for this project is \$5.0 million. The request is for \$5.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T70412L2
Project Name Platform Components: 14th Street / 6AV	Planning Number / PIN ST21-1131
County/Borough: Manhattan	Zip Code 10011

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

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

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

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

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T80412
Project Name Station Renewals and Components (2020-2024)	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

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

Units/Locations/Limits
Various stations, system-wide

Summary
The scope of work for these projects may include (but not limited to): repair or replace street stairs, mezzanine to platform stairs, doors and windows, interior and exterior walls, platforms, and canopies as required. Stations may also be painted. Some of the work may be performed as part of ADA accessibility projects or the Small Business Mentoring Program (SBMP).

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

The budget for this project is \$210.0 million. The request is for \$210.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T6041318
Project Name ADA: 8 Avenue Southbound Elevator / Sea Beach	Planning Number / PIN ST04-1509
County/Borough: Brooklyn	Zip Code 11220

Object/Purpose of Project

The purpose of this initiative is to provide a Americans with Disabilities (ADA) elevator on the southbound side of 8th Avenue station, Sea Beach line in order to achieve full ADA accessibility at the station.

Units/Locations/Limits

One (1) southbound ADA elevator/Sea Beach Line/8 Av Station (Brooklyn)

Summary

Installation of one (1) ADA elevator to the southbound side of 8th Avenue station includes (but not limited to) installation of electrical panels, communications system, smoke and fire detection system. The project will also provide ethernet connection between the Status Monitor and the Elevator & Escalator Control Center.

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency

New York City Transit

ACEP ID

T7041314

Project Name

ADA: Court Square / Crosstown (Elevator Phase)

Planning Number / PIN

ST04-1639

County/Borough:

Queens

Zip Code

11101

Object/Purpose of Project

The purpose of this initiative is to provide full Americans with Disabilities (ADA) accessibility at Court Square station on the Crosstown Line.

Units/Locations/Limits

One (1) ADA Elevator, Court Square station, Crosstown Line (Queens)

Summary

The scope of work for this project will provide full Americans with Disabilities (ADA) accessibility by installing one (1) elevator and associated components.

The budget for this project is \$30.0 million. The request is for \$30.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T7041316
Project Name ADA: Woodhaven Blvd / Jamaica	Planning Number / PIN ST04-6131
County/Borough: Queens	Zip Code 11421

Object/Purpose of Project
The purpose of this initiative is to provide full Americans with Disabilities (ADA) accessibility at Woodhaven Boulevard station on the Jamaica Line in Queens.

Units/Locations/Limits
ADA enhancements/Woodhaven Boulevard station, Jamaica Line (Queens)

Summary
The scope of work for this project will provide full Americans with Disabilities (ADA) accessibility by installing elevators and modification of any of the following: platforms, gates, agent booth windows, handrails, Customer Information Screens, public toilets, and installation of ramps, as needed.

The budget for this project is \$95.0 million. The request is for \$70.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T7041324
Project Name ADA at 68 Street Hunter College Station, Lexington Av Line	Planning Number / PIN ST04-6951
County/Borough: Manhattan	Zip Code 10021

Object/Purpose of Project
The purpose of this initiative is to provide full Americans with Disabilities (ADA) accessibility at 68th Street-Hunter College Station on the Lexington Avenue Line in Manhattan.

Units/Locations/Limits
ADA enhancements/68th Street-Hunter College Station, Lexington Avenue Line (Manhattan)

Summary
The scope of work for this project will provide full Americans with Disabilities (ADA) accessibility by installing elevators and modification of any of the following: platforms, gates, agent booth windows, handrails, Customer Information Screens, public toilets, and installation of ramps, as needed.

The budget for this project is \$175.0 million. The request is for \$65.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency

New York City Transit

ACEP ID

T7041327

Project Name

ADA and Reconstruction: Westchester Sq, Jerome Line

Planning Number / PIN

ST04-6132

County/Borough:

Bronx

Zip Code

10461

Object/Purpose of Project

The purpose of this initiative is to provide full Americans with Disabilities (ADA) accessibility at Westchester Square station on the Jerome Line.

Units/Locations/Limits

Three (3) ADA Elevators, Westchester Square station / Jerome Line (Bronx)

Summary

The scope of work for this project will provide full Americans with Disabilities (ADA) accessibility by installing three (3) elevator and associated components.

The budget for this project is \$98.6 million. The request is for \$98.6 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T7041330
Project Name New Stair: Street to Mezzanine - 14 St / 6th Ave	Planning Number / PIN ST21-1131
County/Borough: Manhattan	Zip Code 10011

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

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

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

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

The budget for this project is \$2.0 million. The request is for \$2.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T7041335
Project Name ADA Enhancements: Queensboro Plaza / Flushing	Planning Number / PIN ST04-7959
County/Borough: Queens	Zip Code 11101

Object/Purpose of Project
The purpose of this initiative is to provide full Americans with Disabilities (ADA) accessibility at Queensboro Plaza on the Flushing Line in Queens.

Units/Locations/Limits
ADA enhancements/Queensboro Plaza station, Flushing Line (Queens)

Summary
The scope of work for this project will provide full Americans with Disabilities (ADA) accessibility by installing elevators and modification of any of the following: platforms, gates, agent booth windows, handrails, Customer Information Screens, public toilets, and installation of ramps, as needed.

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency

New York City Transit

ACEP ID

T7041346

Project Name

ADA: 6 Ave / Canarsie

Planning Number / PIN

ST04-1131

County/Borough:

Manhattan

Zip Code

10011

Object/Purpose of Project

The purpose of this initiative is to provide full Americans with Disabilities (ADA) accessibility at 14th Street-6th Avenue station on the Canarsie Line in Manhattan.

Units/Locations/Limits

ADA enhancements/14th Street-6th Avenue station, Canarsie Line / (Manhattan)

Summary

The scope of work for this project will provide full Americans with Disabilities (ADA) accessibility by installing elevators and modification of any of the following: platforms, gates, agent booth windows, handrails, Customer Information Screens, public toilets, and installation of ramps, as needed.

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T7041347
Project Name ADA: 14 St / 6th Ave	Planning Number / PIN ST04-1131
County/Borough: Manhattan	Zip Code 10011

Object/Purpose of Project
The purpose of this initiative is to provide full Americans with Disabilities (ADA) accessibility at 14th Street-6th Avenue station on the 6th Avenue Line in Manhattan.

Units/Locations/Limits
ADA enhancements/14th Street-6th Avenue station, 6th Avenue Line (Manhattan)

Summary
The scope of work for this project will provide full Americans with Disabilities (ADA) accessibility by installing elevators and modification of any of the following: platforms, gates, agent booth windows, handrails, Customer Information Screens, public toilets, and installation of ramps, as needed.

The budget for this project is \$45.0 million. The request is for \$45.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T7041348
Project Name ADA: 14 St / Broadway-7th Ave	Planning Number / PIN ST04-1131
County/Borough: Manhattan	Zip Code 10011

Object/Purpose of Project
The purpose of this initiative is to provide full Americans with Disabilities (ADA) accessibility at 14th Street-6th Avenue station on the Broadway-7th Avenue Line in Manhattan.

Units/Locations/Limits
ADA enhancements/14th Street-6th Avenue station, 7th Avenue Line (Manhattan)

Summary
The scope of work for this project will provide full Americans with Disabilities (ADA) accessibility by installing elevators and modification of any of the following: platforms, gates, agent booth windows, handrails, Customer Information Screens, public toilets, and installation of ramps, as needed.

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T80413
Project Name Station Accessibility (2020-2024)	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

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

Units/Locations/Limits
Various stations, system-wide

Summary

The scope of work for these projects will provide full Americans with Disabilities (ADA) accessibility at selected stations, along various corridors/lines including (but not limited to): Jamaica, Queens, Jerome, Fulton, Lexington and 8th Avenue. Work may include modification of any of the following: platforms, gates, agent booth windows, handrails, Customer Information Screens, public toilets, and installation of ramps and elevators, as needed.

The budget for this project is \$770.8 million. The request is for \$770.8 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T7041422
Project Name Station Circulation Enhancements: Main Street / Flushing	Planning Number / PIN ST01-7954
County/Borough: Queens	Zip Code 11354

Object/Purpose of Project
The purpose of this initiative is to provide circulation improvements to Main Street station on the Flushing Line in the borough of Queens.

Units/Locations/Limits
Circulation Improvements/ Main Street Station, Flushing Line (Queens)

Summary
The project will provide customer circulation enhancements that will include (but are not limited to) construction of additional stairs and a street entrance.

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

The budget for this project is \$55.0 million. The request is for \$55.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T7041423
Project Name Sutphin Blvd-Archer Ave: Fare Control Upgrade	Planning Number / PIN ST01-8152
County/Borough: Queens	Zip Code 11435

Object/Purpose of Project
The purpose of this initiative is to provide fare control upgrades to Sutphin Boulevard-Archer Avenue station on the Archer Avenue Line in the borough of Queens.

Units/Locations/Limits
Fare Control Upgrade/Sutphin Boulevard-Archer Avenue station, Archer Avenue Line (Queens)

Summary
This project will provide reconfigure the south fare control array with luggage accommodating turnstiles and modify other fare control elements as required.

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

The budget for this project is \$5.0 million. The request is for \$5.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T80502
Project Name Mainline Track	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project
The purpose of this initiative is to maintain track infrastructure in a state of good of repair through normal replacement.

Units/Locations/Limits
Mainline track / system-wide

Summary
Mainline Track replacement restores or reconstructs deteriorated track that have reached the end of their useful life. The project will (but not limited to) repair broken and cracked lag bolts, plates, remedy water conditions that corrode the base of the rail, and the concrete invert. The initiative may also address rehabilitation of Direct Fixation (Type VIIM) track at various locations.

The budget for this project is \$344.0 million. This request is for \$344.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T80503
Project Name Mainline Switches	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

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

Units/Locations/Limits
Mainline track switches / system-wide

Summary
Mainline Track Switch replacement restores or reconstructs deteriorated switches and switch infrastructure that have reached the end of their useful life.

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T80605
Project Name Line Equipment	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

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

Units/Locations/Limits
Line equipment / system-wide

Summary
The project will repair / upgrade / replace / construct / install line equipment system such as (but not limited to) tunnel lighting, fan plants (including dampers, cables, and damper components), pump rooms (including a sumps, pumps, access openings, discharge lines, sewer lines and manholes, instrument controls and supervisory control cabinets), and well-points and deep well (provide cleaning and back-flushing to keep the deep wells systems in good working order). Other work may include perform related communication work; necessary civil /structural, cleaning, furnishing, and electrical.

The budget for this project is \$110 million. The request is for \$110 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID S7070104
Project Name SIRTOA UHF T-Band Radio System Replacement	Planning Number / PIN SI03-1834
County/Borough: Staten Island	Zip Code Multiple

Object/Purpose of Project

The purpose of this initiative is to transition the Staten Island Railroad (SIRTOA) radio system from Ultra High Frequency (UHF) radio channels to operate on 800mhz range channels licensed to NYC Transit by the Federal Communications Commission (FCC).

Units/Locations/Limits

SIRTOA Right of Way (ROW), system-wide (Staten Island)

Summary

This project will provide a new 800 MHz radio system for SIRTOA by designing, furnishing and installing radio communications equipment including antennas, coaxial cables, new antenna monopole structures, and related base stations and network equipment housed in communication rooms.

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency

New York City Transit

ACEP ID

T7070308

Project Name

Structural Rehab: Emergency Exit 302N - 168 St/BW7

Planning Number / PIN

MW22-3194

County/Borough:

Manhattan

Zip Code

10032

Object/Purpose of Project

The purpose of this initiative is to rehabilitate the emergency exit 30N at 168th Street station on the Broadway-7th Avenue Line (Manhattan)

Units/Locations/Limits

Emergency exit 30N / 168th Street station on the Broadway-7th Avenue Line (Manhattan)

Summary

The project will rehabilitate the emergency exit 30N and all associated components.

The budget for this project is \$10.0 million. The request is for \$10.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T7070319
Project Name Line Structure Component Repair Program (LSCRCP): 1-8 Av/CNR	Planning Number / PIN MW64-0845
County/Borough: Manhattan	Zip Code Multiple

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

Units/Locations/Limits
Line Structure Component Repair, Canarsie Line from 1 Av to 8 Av (Manhattan)

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

The budget for this project is \$41.00 million. The request is for \$41.00 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T7070343
Project Name Repair Track/Structure Supporting Steel, Woodside-61 Street-FLS	Planning Number / PIN MW64-0982
County/Borough: Queens	Zip Code 11377

Object/Purpose of Project
The purpose of this initiative is to rehabilitate the structural steel at Woodside-61 Street station on the Flushing Line in Queens.

Units/Locations/Limits
Line structure/ Woodside-61 Street station, Flushing Line (Queens)

Summary
The work includes, but is not limited to rehabilitation of the seam sealing/stairways/doors/hatches/deteriorated structural steel members/deteriorated concrete; replacement/repair of concrete slabs at thru-spans/tracks/structural steel support beams/girders/mezzanine hangers.

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T8070301
Project Name Subway Line Structure Repair	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project
The purpose of this initiative is to repair structural defects throughout the subway system, system-wide.

Units/Locations/Limits
Subway line structures, system-wide

Summary
The work includes, but is not limited to rehabilitation of the seam sealing/stairways/doors/emergency exits/hatches/deteriorated structural steel members/deteriorated concrete; replacement/repair of concrete slabs at thru-spans/tracks/structural steel support beams/girders/mezzanine hangers and leaks. Some of the work may be performed as part of the Small Business Mentoring Program [SBMP].

The budget for this project is \$180.0 million. The request is for \$180.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T8070302
Project Name Elevated Line Structure Repair	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project
The purpose of this initiative is to repair structural defects throughout the elevated subway system, system-wide.

Units/Locations/Limits
Elevated line structures / system-wide

Summary
This investment will help achieve the goals of rehabilitating and replacing elevated structures. The scope of work for these projects may include (but not limited to): replacing various bridge structure to bring the bearings and supporting structure to a state of good repair. The entire existing structure may be demolished and reconstructed. Other work may include (but not limited to): replace electrical and mechanical equipment in order to address bridge deficiencies or rehabilitate the closed deck elevated structure in order to restore the structural integrity of the structure. Work may include reinforcing longitudinal girders, repair of concrete beneath the platforms, and reinforcement of duct banks. Additional work may include (but not limited to): remove the top concrete layer of the upper track bed to allow for the installation of a waterproofing membrane on the upper level of the structure; on the lower structure, all leaks will be grouted on the ceiling and walls and all of the outstanding priority steel and concrete defects will be repaired.

The budget for this project is \$280.0 million. The request is for \$280.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T8070303
Project Name Line Structure Overcoating	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project
The purpose of this initiative is to (but not limited to) paint and repair elevate lines at various locations system-wide.

Units/Locations/Limits
Overcoat painting / Elevated line structures / system-wide

Summary
This investment will help achieve the goals of painting/repairing priority structural defects to maintain structural integrity, and to bring the assets into a state of good repair. Work will be done on both steel and concrete elements to prevent corrosion, spalling, leaks and cracks, repair or replace vent gratings, their steel framing, steel or concrete support beams, concrete drip pans, drains, drain pipes, sidewalk slabs, crack and spalled concrete, and vent dampers as required. Some of the work may be performed as part of the Small Business Mentoring Program [SBMP].

The budget for this project is \$420.0 million. The request is for \$420.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency

New York City Transit

ACEP ID

T60803AA

Project Name

Signals: Walkway for 8 Bridges, Dyre Line (SBMP)

Planning Number / PIN

MW38-6583

County/Borough:

Bronx

Zip Code

Multiple

Object/Purpose of Project

The purpose of this project is to install walkways to access stainless steel cable troughs spanning over eight (8) Dyre Avenue railroad bridges.

Units/Locations/Limits

8 walkways (catwalks) / Dyre Line (Bronx)

Summary

This project will install walkways to access stainless steel cable troughs spanning over Eight (8) Dyre Avenue railroad bridges.

The budget for this project is \$0.8 million. This request is for \$0.8 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T7080650
Project Name Connection-Oriented Ethernet (COE) at 265 Stns, Ph 3B-2	Planning Number / PIN MW17-1629
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this initiative is the expansion of the Connection Oriented Ethernet (COE) communication network to subway stations.

Units/Locations/Limits
24 Core Locations / 407 subway stations / 10 MTA security C3 centers, system-wide

Summary
This project will expand the Connection-Oriented Ethernet (COE) communication network to passenger stations in NYCT subway system.

The budget for this project is \$27.2 million. This request is for \$15.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T80803
Project Name Signal Modernization: Various Locations	Planning Number / PIN MW56-1355
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project

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

Units/Locations/Limits

Signal Equipment / System-wide

Summary

The project will modernize and improve interlocking and signal equipment by replacing the existing obsolete signal equipment with state-of-the-art signal system. The modification of may include (but is not limited to) replacement/installation of signals, interlockings, relays, cables, and other appurtenances needed for a modern signal system. Additional switch (crossovers) and track work to improve geometry to increase speed entering and leaving terminals may also be required.

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T80806
Project Name Communication Systems	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

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

Units/Locations/Limits
Communication network and antenna cables, system-wide

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

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T6090218
Project Name Montague-Furman Substation (Core)	Planning Number / PIN PW03-1297
County/Borough: Brooklyn	Zip Code 11201

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 improvements will bring the negative return system into a state of good repair.

Units/Locations/Limits

Traction Power cable replacement / Montague-Furman Substation (Brooklyn)

Summary

This initiative will (but not limited to) construct/renew/install replace all existing negative feeder cables negative equalizer cables, negative buses, and associated negative cable connections at Montague-Furman Substation. The work will also include repairing manhole walls, ceilings, corroded steel, as well as repairing sliding doors and removing, as required, toxic materials.

The budget for this project is \$2.0 million. This request is \$2.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T80904
Project Name Traction Power	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project

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

Units/Locations/Limits

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

Summary

This initiative will (but not limited to) construct/renew/install replace all existing negative feeder cables negative equalizer cables, negative buses, and associated negative cable connections along selected lines Line 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 \$175.0 million. This request is for \$175.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T8100402
Project Name Shop Rehab/Reconstruct: Various Locations	Planning Number / PIN CM03-2302
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project
The purpose of this initiative is to bring shop facilities to a state of good repair.

Units/Locations/Limits
Shop / Maintenance Facility / system-wide

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

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T6120323
Project Name Window Replacement Flatbush & Ulmer Park Depots	Planning Number / PIN SF07-7346
County/Borough: Brooklyn	Zip Code Multiple

Object/Purpose of Project

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

Units/Locations/Limits

Depot Components, Flatbush & Ulmer Park Depots (Brooklyn)

Summary

The project involves architectural, civil, mechanical and electrical work for window replacement and associated brick repairs at Flatbush Bus Depot & Ulmer Park Bus Depot.

The budget for this project is \$7.7 million. This request is for \$7.7 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency	ACEP ID
New York City Transit	T8120301
Project Name	Planning Number / PIN
Depot Component Repairs: Various Locations	SF07-7884
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 Components / system-wide

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

The budget for this project is \$20.8 million. This request is for \$20.8 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency New York City Transit	ACEP ID T81607
Project Name Misc/Emergency: Employee Facilities	Planning Number / PIN
County/Borough: Multiple	Zip Code Multiple

Object/Purpose of Project

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

Units/Locations/Limits

Employee facilities, system-wide

Summary

This project will rehabilitate/construct/reconstruct expand administrative and training facilities in the four boroughs., which includes, but is not limited to, rehabilitation/construction/reconstruction/replacement of masonry wall, exterior windows and doors, facility interiors, HVAC, electrical distribution, instrumentation and controls upgrade, AC and DC service, telephone, data communications, fire alarm and may include asbestos abatement, lead abatement, and necessary structural/furnishing/installing work as needed.

The budget for this project is \$66.2 million. This request is for \$66.2 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Long Island Rail Road	ACEP ID L8020401
Project Name Station Renewals: Various Locations (Atlantic Terminal Leak Remediation)	Planning Number / PIN LI24-9321
County/Borough: Brooklyn	Zip Code

Object/Purpose of Project

The purpose of this project is to bring Atlantic Terminal to a state of good repair.

Units/Locations/Limits

Atlantic Terminal is bounded by Flatbush Avenue, Atlantic Avenue, Hanson Place and Fort Greene Place in Brooklyn, NY

Summary

Work includes inspecting and addressing all leaks, deteriorated structural members including, but not limited to; concrete and steel, Platform C (Track 5 side), emergency hatches, waiting room by ticket office, and restrooms; evaluating and upgrading HVAC equipment; implementing a new Building Management System (BMS); upgrading security, including cameras, video management system, panic hardware and doors; evaluating and upgrading fire systems, including fire pump, fire alarm and fire doors; rehabilitating track; updating Audio Visual Public Address System (AVPS) and providing station Wi-Fi; repairing/ replacing suspended ceiling; and painting.

The budget for this project is \$88,200,000. This request is for \$15,000,000.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Long Island Rail Road	ACEP ID L8020402
Project Name Station Platform Components (Accessibility Components)	Planning Number / PIN LI24-9343
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to provide two new elevators with a connecting enclosed overpass and provide ADA components at the Deer Park and Brentwood Stations.

Units/Locations/Limits

The Brentwood Station is located at Brentwood Road and Suffolk Avenue, 1/2-mile East of Brentwood Road, just South of Suffolk Avenue on the LIRRs Main Line (Ronkonkoma Branch). The Deer Park Station is located at Pineaire Drive, Executive Avenue, and Long Island Avenue on the LIRRs Main Line (Ronkonkoma branch).

Summary

Work includes two new elevators and a connectivity enclosed overpass to serve the two side platforms. Design shall include a connecting overpass, elevator machine room, electrical room, communication rooms, associated elevator equipment, power upgrade, communication and safety/security systems, and elevator vestibules as required for weather protection.

The budget for this project is \$252,100,000. The request is for \$39,000,000.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Long Island Rail Road	ACEP ID L8020403
Project Name Station Building Components (Sea Cliff Retaining Walls & ADA Ramps)	Planning Number / PIN LI24-9344
County/Borough: Nassau	Zip Code

Object/Purpose of Project

The purpose of this maintenance project is to complete a full replacement of the existing retaining wall and repair/replace ramps and related railings and handrails that connect to platforms A and B at the LIRR Sea Cliff Station.

Units/Locations/Limits

Sea Cliff Station on the Oyster Bay Branch of LIRR, in Sea Cliff, Nassau County.

Summary

Work for the retaining wall includes the replacement of the existing retaining wall, relocation of utilities, relocation of signs, removal of concrete sidewalk, installation of refurbished railing and replacement of timber wall along ADA ramp. Work on the ADA ramps includes design and construction of three new ramps, installation of new railings along ramp lengths, installation of new handrails, installation of new fencing at bottom of ramp on platform B and replacement of station signage with new compliant signs.

The budget for this project is \$6,900,000. This request is for \$1,700,000.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Long Island Rail Road	ACEP ID L8020404
Project Name Escalator Replacement	Planning Number / PIN LI24-9067
County/Borough: Nassau	Zip Code

Object/Purpose of Project

The purpose of this project is to replace LIRR's existing escalators at various stations by providing new updated heavy-duty escalator machinery. This project will bring these three deteriorated escalators to a state of good repair.

Units/Locations/Limits

Floral Park Station is located in Nassau County at milepost 14.9 on the Hempstead Branch; Lynbrook Station is located in Nassau County at milepost 17.0 on the Long Beach Branch; Valley Stream Station is located in Nassau County at milepost 15.4 on the Far Rockaway Branch

Summary

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

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency Long Island Rail Road	ACEP ID L8020405
Project Name Elevator Replacement	Planning Number / PIN LI24-9068
County/Borough:	Zip Code

Object/Purpose of Project

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

Units/Locations/Limits

Mineola Station is located at the intersection of Mineola Boulevard and Front Street on the Main Line; Bellmore Station is on the Montauk Branch located on Sunrise Highway and Bedford Avenue between Newbridge Road and Bellmore Avenue; Auburndale Station in Queens County on the Port Washington Branch; Valley Stream Station in Nassau County on the Montauk Branch.

Summary

Work includes removal of existing elevator equipment, machinery and reconstruct existing shaft and elevator pit to accommodate new ADA & APTA compliant hydraulic elevators, machine room components, elevator vestibules, reinforcement to the connection overpass enclosures, LED lighting, communication and safety security systems for the new elevators as required by code.

The budget for this project is \$16,400,000. This request is for \$16,400,000.

Proposed Program of Projects Federal Fiscal Year 2021

Agency

Long Island Rail Road

ACEP ID

L8020408

Project Name

Small Business Mentoring Program - Stations

Planning Number / PIN

County/Borough: Multiple

Zip Code

Object/Purpose of Project

This project provides for construction contracts through the MTA's Small Business Mentor Program in support of various station projects in the LIRR's 2020 - 2024 Capital Program.

Units/Locations/Limits

Various Locations

Summary

This request is for construction work undertaken as part of the MTA's Small Business Mentor Program. Work activities include, but are not limited to; replacement of fencing, platform railings, shelter sheds, canopies, lighting, replacement / renewal of various components, and full replacement of signage.

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency Long Island Rail Road	ACEP ID L8020411
Project Name Locust Manor New Elevator (ADA)	Planning Number / PIN
County/Borough: Queens	Zip Code

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

Units/Locations/Limits
Queens County on the Long Island Rail Road's Far Rockaway Branch at mile post 12.0 at the intersection of Farmers Blvd. and Bedell Street.

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

The budget for this project is \$15,000,000. This request is for \$15,000,000.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Long Island Rail Road	ACEP ID L8020413
Project Name Amityville, Copiague, Lindenhurst New Elevators	Planning Number / PIN
County/Borough:	Zip Code

Object/Purpose of Project

The purpose of this project is to install a new ADA elevators, signage, station building renovations, platform improvements, and other site and parking related ADA amenities to bring the stations into ADA compliance.

Units/Locations/Limits

Amityville, Copiague, Lindenhurst Stations on the Babylon Branch.

Summary

Work includes constructing new passenger elevators to provide ADA access, curb cuts to/from all handicapped parking around the stations, repair or replace damaged/uneven curbs and sidewalks, restripe ADA parking spots, update wayfinding signage, install ADA ticket counters, ADA Signage, platform tactile and upgrade to LED lighting.

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

Proposed Program of Projects Federal Fiscal Year 2021

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

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

Units/Locations/Limits
The St Albans Station is located in Queens County on the Long Island Rail Road's Montauk Branch at mile post 12.1 at the intersection of Linden Blvd. and Montauk Street.

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

The budget for this project is \$8,800,000. This request is for \$8,800,000.

Proposed Program of Projects Federal Fiscal Year 2021

Agency

Long Island Rail Road

ACEP ID

L8020501

Project Name

Parking Rehab & Access Improvements (Ronkonkoma Parking Garag

Planning Number / PIN**County/Borough:** Suffolk**Zip Code****Object/Purpose of Project**

The purpose of this project is to rehabilitate elements of the Ronkonkoma parking garage to bring it to a state of good repair thereby providing a safe, secure, accessible and convenient railroad parking facility.

Units/Locations/Limits

Ronkonkoma garage is located in the Town of Brookhaven, Suffolk County, NY, two blocks south of the Long Island Expressway (Exit 60), east of Hawkins Avenue on Railroad Ave.

Summary

Work includes blast cleaning and repair of steel structural members, painting of all exposed interior steel and miscellaneous repairs as directed.

The budget for this project is \$17,100,000. This request is for \$6,950,000.

Proposed Program of Projects Federal Fiscal Year 2021

Agency

Long Island Rail Road

ACEP ID

L8020502

Project Name

Small Business Mentoring Program - Parking

Planning Number / PIN**County/Borough:****Zip Code****Object/Purpose of Project**

The project provides for construction contracts through the MTA's Small Business Program in support of various Parking projects in the LIRR's 2020 - 2024 Capital Program.

Units/Locations/Limits

Various Locations

Summary

This project will account for parking/paving improvements to LIRR stations.

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency Long Island Rail Road	ACEP ID L8030102
Project Name Various Right of Way Projects	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project will provide retaining wall and Right-of-Way improvements at locations throughout the LIRR network. This project will renew, replace or upgrade retaining wall components, extend existing retaining walls, replacie existing deteriorated wood railroad tie walls, backfill the structures, surface existing track and replace track shoulders.

Units/Locations/Limits

Various locations approximately 38 miles of fencing

Summary

Work activities include, but are not limited to; renewing replacing or upgrading of retaining wall components, extending existing retaining walls, replacing existing deteriorated wood railroad tie walls, backfilling the structures, surfacing existing track and replacement of track shoulders. It also includes rehabilitation of culverts, including drainage, installation of new culverts and headwalls, track reliability/retaining walls, as well as, slope and overflow protection and Right-of-Way and track drainage improvements.

The budget for this project is \$15,000,000. This request is for \$9,600,000.

Proposed Program of Projects Federal Fiscal Year 2021

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

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, West Side Storage Yard and various other locations.

Summary

Yard track rehabilitations activities include, but are not limited to; replacement of existing track infrastructure (switches, rail, ties, clips, plates, etc.) and installation of yard switch machine heaters as needed. Work also includes rehab of WSSY, walkways, switches, and direct fixation.

The budget for this project is \$28,000,000. This request is for \$28,000,000.

Proposed Program of Projects Federal Fiscal Year 2021

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

Object/Purpose of Project

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

Units/Locations/Limits

Systemwide

Summary

Major track component activities include, but are not limited to: replacing switches, new switches in the Queens Interlocking for ML3T Readiness, cyclical replacement of mechanized ties, thermite welding, Continuous Welded Rail (CWR), wood ties, concrete turnouts, wood turnouts, grade crossing renewal, track surfacing and surfacing of interlocking switches, undercutting, rail profiling and joint elimination. Work is performed throughout the LIRR system, with selected branches or branch segments targeted to maximize the use of track time and to coordinate track outages with other infrastructure work. Work activities include but are not limited to removing approximately 100,000 existing ties and replacing them with concrete ties at various locations.

The budget for this project is \$585,000,000. This request is for \$388,400,000.

Proposed Program of Projects Federal Fiscal Year 2021

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

Object/Purpose of Project
This project includes connection of new track routes built by L8030402 in Hall Interlocking and the removal and replacement of 2 crossovers within Met Interlocking.

Units/Locations/Limits
Jamaica, NY - Hall Interlocking and Met Interlocking.

Summary
Work will include but is not limited; construction of new platform/retaining infrastructure in Met Interlocking for placement of new signal equipment, SOGR for all bridges within Met Interlocking, and fabrication/installation/cut-over of a new RAS ZBT signal system within Met Interlocking.

The budget for this project is \$135,000,000. This request is for \$135,000,000.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Long Island Rail Road	ACEP ID L8030403
Project Name E Yard Extension (JCI)	Planning Number / PIN
County/Borough: Queens	Zip Code

Object/Purpose of Project

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

Units/Locations/Limits

Hall Interlocking, Jamaica Station

Summary

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

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency Long Island Rail Road	ACEP ID L8040101
Project Name Painting, Drainage & Waterproofing of Bridges	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project will provide painting based upon prioritization established by the LIRR's Engineering Department. Bridge painting reduces maintenance and prolongs the life of the structure. Painting improves the aesthetic qualities of bridges and viaducts and advances the LIRR's overall efforts to improve the condition of bridges and viaducts, bringing them closer to a state of good repair. This project also includes drainage and waterproofing work for various bridges and viaducts.

Units/Locations/Limits

Manhasset Viaduct, Wreck Lead Bridge, and Main Street (Southampton), and other various locations; Beaver Viaduct and various locations.

Summary

Work activities include painting various bridges and viaducts. Painting efforts advanced through this program will also improve the aesthetic qualities of the bridges and advance the railroad's overall efforts to improve the condition of bridges and viaducts, maintaining them in a state of good repair. Upgrading and renewing drainage and waterproofing various bridges keep state of good repair.

The budget for this project is \$36,200,000. This request is for \$36,200,000.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Long Island Rail Road	ACEP ID L8040103
Project Name Miscellaneous Bridge Work	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The Bridge Program will rehabilitate and/or replace railroad bridges and or overpasses. Additional bridges will be included in this project based upon the most recent bridge inspections and need for structural rehabilitation/replacement. Murray Hill ROW concrete panel fencing.

Units/Locations/Limits

Various locations; Murray Hill, Port Washington Branch, Approximately 6,000 ft. high security fencing, 2700 ft. new guardrail.

Summary

Rehabilitation of work will consist of girder repairs, diaphragm and stiffener rehabilitation, deck and under-deck rehabilitation, and substructure repairs. Additional bridges will be included in this project to be identified based upon the most recent bridge inspections and need for structural rehabilitation/replacement. Murray Hill ROW concrete panel fencing, concrete spalls on existing retaining walls repair.

The budget for this project is \$72,400,000. This request is for \$72,400,000.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Long Island Rail Road	ACEP ID L8040104
Project Name Small Business Mentoring Allowance - Bridges	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project provides for construction contracts through the MTA's Small Business Mentor Program in support of various line structure projects in the LIRR's 2020 - 2024 Capital Program.

Units/Locations/Limits

Various Locations

Summary

This request is for construction work undertaken as part of the MTA's Small Business Mentor Program. Work activities include, but are not limited to; painting various bridges, repairs, drainage, culverts, retaining structures, railings, demolitions and associated line structures work.

The budget for this project is \$33,800,000. This request is for \$33,800,000.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Long Island Rail Road	ACEP ID L8040201
Project Name Atlantic Avenue Tunnel Structural Renewal	Planning Number / PIN
County/Borough: Brooklyn	Zip Code

Object/Purpose of Project

This project addresses construction for Atlantic Avenue Tunnel structural work to replace and upgrade selected exit hatchways. Tunnel hatchways provide a safe, reliable, accessible means of egress in the event of an emergency. This project work will renew tunnel floor beams and vents work and rehabilitate emergency hatchways along the Atlantic Avenue Tunnel. 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 renewal of tunnel floor beams and vents, demolition of the existing sidewalk, curb, roadway, hatch and stairs; and installation of a new sidewalk, curb, roadway, hatch and stairs, visual characteristics of the rehabilitation of the walls, installation of new emergency evacuation tunnel lights, and signs.

The budget for this project is \$50,000,000. This request is for \$50,000,000.

Proposed Program of Projects Federal Fiscal Year 2021

Agency

Long Island Rail Road

ACEP ID

L8040202

Project Name

Tunnel Replacements and Upgrades

Planning Number / PIN

County/Borough:

Zip Code

Object/Purpose of Project

This project addresses construction for Atlantic Avenue Tunnel structural work to replace and upgrade selected exit hatchways. Tunnel hatchways provide a safe, reliable, accessible means of egress in the event of an emergency. This project work will rehabilitate emergency hatchways along the Atlantic Avenue Tunnel. 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

Tunnel Replacements and Upgrades is located on LIRR's Atlantic Avenue Branch in Brooklyn and Queens, NY.

Summary

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

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

Proposed Program of Projects Federal Fiscal Year 2021

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

Object/Purpose of Project

The purpose of this project is to survey and replace the 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 assorted communication copper cables.

Units/Locations/Limits

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

Summary

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

The budget for this project is \$8,000,000. This request is for \$6,400,000.

Proposed Program of Projects Federal Fiscal Year 2021

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

Object/Purpose of Project
This project will address the State of Good Repair (SGR) backlog in communication component replacement.

Units/Locations/Limits
Systemwide

Summary
Communication component replacement work activities include, but are not limited to; the replacement of battery strings, and screens.

The budget for this project is \$8,000,000. This request is for \$6,400,000.

Proposed Program of Projects Federal Fiscal Year 2021

Agency

Long Island Rail Road

ACEP ID

L8050205

Project Name

Signal Replacement and Interlocking Improvements (Signal Normal R

Planning Number / PIN**County/Borough:** Multiple**Zip Code****Object/Purpose of Project**

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

Units/Locations/Limits

Systemwide

Summary

The signal equipment to be replaced includes, but is not limited to, relays, cables, batteries, switch machines, huts, signals, crossing gate mechanisms, impedance bonds, cases and associated components. Upgrade and replace lightning protection.

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency Long Island Rail Road	ACEP ID L8060401
Project Name Rehabilitation of Employee Facilities (Atlantic Terminal)	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this project is to rehabilitate the Atlantic Terminal Station bringing to a State of Good Repair (SOGR)..

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

Summary
The following scope of work will provide a general overview of the project's intent. As part of the work, the project shall determine a resolution to the waterproofing of areas within the LIRR facility to prevent future leaks along Track 5 and 6 curb line, Ticket Office, East Hatches, and the space between LIRR and MTA NYCT. In addition, the project will investigate all mold sources.

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

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

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

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

The budget for this project is \$43,200,000. This request is for \$15,000,000.

Proposed Program of Projects Federal Fiscal Year 2021

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

Object/Purpose of Project
The project provides for construction contracts through the MTA's Small Business Program in support of various Shops and Yards (Employee Facilities) projects in the LIRR's 2020 - 2024 Capital Program.

Units/Locations/Limits
Various locations

Summary
This request is for the construction of work undertaken as part of the MTA's Small Business Program. Work activities at various Shops and Yards (Employee Facilities) projects include, but are not limited to; replacement of deteriorating roofing systems, lightning protection systems, milling and paving of driveways and walkways, HVAC systems and windows and doors.

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

Proposed Program of Projects Federal Fiscal Year 2021

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

Object/Purpose of Project

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

Units/Locations/Limits

Queens Breaker House, Rosedale, Murray Hill, Grand Ave, Bayside, Jamaica, Winfield, and Forest Hills

Summary

Substation replacements include removing the existing switchgear, rectifiers, transformers and demolishing the existing building and installing 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, and associated equipment will be provided as necessary.

The budget for this project is \$80,000,000. This request is for \$80,000,000.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Long Island Rail Road	ACEP ID L8070102
Project Name Lighting Improvements (Yard Lighting & Amenities & Atlantic Avenue T	Planning Number / PIN
County/Borough: Queens	Zip Code

Object/Purpose of Project

The purpose of this project is to continue the cyclical State of Good Repair (SOGR) replacement of lighting. The program is based on a twenty-five year useful life of fixtures, switchgear and wiring due to the highly corrosive environment in which they reside. Replace high mast poles and light fixtures with new poles and LED lights, at Hillside Support Facility (HSF) yard and other locations.

Units/Locations/Limits

HSF Yd - approximately 29 poles at HSF and other locations

Summary

The scope of work includes replacement of high mast poles and light fixtures with new poles and LED lights, HSF yard, and other locations.

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

Proposed Program of Projects Federal Fiscal Year 2021

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

Object/Purpose of Project

The purpose of this project is to replace platform and station lighting, while upgrading lights to high efficiency LED. The cyclical State of Good Repair (SGR) 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, Locust Manor, East Rockaway, Bellerose, and Centre Ave

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

4,160 Volt Feeders - Morris Park Ring Feed

Substation Battery Replacement - Various Locations

Signal Power Line & Power Pole Replacements - Various Locations

Summary

This project will replace platform and station lighting, while upgrading lights to high efficiency LEDs at four to five stations per program. Component renewals consists of; Station and Building Electrical Systems and Platform Lighting, Negative Reactor Upgrades, 4,160 Volt Feeders, Substation Battery Replacements, and Signal Power Line and Power Pole Replacements.

The budget for this project is \$55,000,000. This request is for \$21,200,000.

Proposed Program of Projects Federal Fiscal Year 2021

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

Object/Purpose of Project

This project will replace and upgrade third rail feeder cable and associated system components in areas where it is beyond its useful life and is 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, and 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. DC Feeder Disconnect Switches; Protection Board & Aluminum Rail.

The budget for this project is 43,000,000. This request is for \$34,700,000.

Proposed Program of Projects Federal Fiscal Year 2021

Agency

Long Island Rail Road

ACEP ID

L8090410

Project Name

Program Administration

Planning Number / PIN

County/Borough: Multiple

Zip Code

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 2021

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

Object/Purpose of Project

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

Units/Locations/Limits

Ferry Service - Haverstraw/Ossining

Summary

Service began on the Haverstraw-Ossining route in 2000 with the goal of alleviating the demand for parking at the Tarrytown station and to help with traffic congestion over the Governor Mario M. Cuomo Bridge. This ferry saves up to 40 minutes of travel time round trip to/from New York City, and improves access to local Westchester and Bronx venues as well. The Haverstraw dock/parking facility has room for over 300 cars and is easily accessible by major roadways.

There are 16 ferry trips daily, in the AM and PM peak hours, with a Guaranteed Ride Home taxi service component in place when the ferry is not scheduled to operate.

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

Proposed Program of Projects Federal Fiscal Year 2021

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

Object/Purpose of Project

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

Units/Locations/Limits

Ferry Service - Newburgh/Beacon

Summary

There are 14 trips made each weekday during the AM and PM peak periods. Daily ridership average 242 customers on the Newburgh-Beacon Ferry. The ferry saves customers up to 20 minutes per day in travel time and improves access to local communities, e.g. - Orange - Dutchess access and access to Westchester/Bronx. A Guaranteed Ride Home taxi service is in place for times when the ferry is not scheduled to operate.

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

Proposed Program of Projects Federal Fiscal Year 2021

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

Object/Purpose of Project

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

Units/Locations/Limits

Newburgh-Beacon Ferry Service

Summary

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

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency

Metro-North Railroad

ACEP ID

M702-01-08

Project Name

Replace Park Avenue Tunnel Emergency Exit Hatches and Stairs

Planning Number / PIN

County/Borough: Manhattan

Zip Code

Object/Purpose of Project

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

Units/Locations/Limits

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

Summary

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

The budget for this project is \$6.0 million. This request is for \$2.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

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

Object/Purpose of Project

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

Units/Locations/Limits

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

Summary

This project will consist of the design and construction of Two (2) Emergency Exits at locations to be determined by Engineering Consultant. Metro-North Railroad tentative locations are at: E 65th Street and E 79th Street. The work includes the following:

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

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency Metro-North Railroad	ACEP ID M802-01-03
Project Name GCT Fire & Sprinkler Standpipe Replacement Phase II	Planning Number / PIN
County/Borough: Manhattan	Zip Code

Object/Purpose of Project

This project is a continuation of a phased multi-capital program project for the replacement of the fire standpipe system in the Trainshed. Project will address the replacement of the north part of upper level system, north of 47th Street and upgrade fire protection piping system at 45th, 46th and 47th Streets.

Units/Locations/Limits

Grand Central Terminal - Trainshed

Summary

Metro-North will continue the multi-phased, multi-program replacement of the fire and sprinkler standpipe system in the Trainshed, which includes the following:

- Upgrade north part of upper level system, north of 47th St., including replacement of piping, valves and hose connections.
- Upgrade fire protection piping system at 45th, 46th and 47th St. including replacement of piping, valves and hose connections.

As part of this project, Metro-North will complete the multi-phased, multi-program replacement of the fire standpipe system in the Trainshed. GCT Fire Standpipe Replacement Phase II work will include the following:

- Demolition of the existing upper level fire standpipe system, including piping, valves and hose connections.
- Install new upper level fire standpipe system, including piping, valves and hose connections.
- Replacement of the primary fire pump in the service plant along with a new controller and ancillary localized code compliant piping upgrades.
- Construct a new fire suppression water service to the New York City Department of Environmental Protection watermain located beyond the MNR /GCT property line - in Lexington Avenue.

The budget for this project is \$47.50 million. This request is for \$4.30 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency

Metro-North Railroad

ACEP ID

M802-01-04

Project Name

GCT Mentoring- Park Avenue Tunnel Emergency Exit Hatches & Stair

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

Manhattan

Zip Code**Object/Purpose of Project**

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

Units/Locations/Limits

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

Summary

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

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency Metro-North Railroad	ACEP ID M802-02-01
Project Name Upper H&H Station Priority Repairs	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to extend the useful life and bring a state of good repair to station platforms on the Hudson and Harlem Lines of Metro-North Railroad. There are six (6) stations on the Hudson Line and up to twelve (12) stations on the Harlem Line.

Units/Locations/Limits

Metro-North Railroad

Harlem Line: Southeast (option), Brewster, Croton Falls, Purdy's, Goldens Bridge, Katonah, Bedford Hills, Mount Kisco, Chappaqua, Pleasantville, Hawthorne, Valhalla

Hudson Line: Poughkeepsie, New Hamburg, Beacon, Cold Spring, Garrison, Cortlandt

Summary

This project will perform priority structural repairs at six (6) Hudson Line and up to twelve (12) Harlem Line stations on Metro-North Railroad. Major work elements include:

- Full replacement of trackside edges on both platforms - edges will be saw cut and removed at 3' width. Reconstructed platform edges will be cast-in-place with galvanized reinforcement, where necessitated.
- Complete replacement of piers, where necessitated.
- Spall and crack repair to platform surface, underside, and substructures.
- Repairs to steel and concrete stairs, where necessitated.
- New ship ladders, platform wearing surface, tactile strips and edge boards, where necessitated.
- New railings and grounding wire replacement, where necessitated.
- Paint (touch-up), as needed

The budget for this project is \$30.3 million. This request is for \$9.245 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Metro-North Railroad	ACEP ID M802-02-02
Project Name Harlem Line Station Renewals – Mt Vernon West Design	Planning Number / PIN
County/Borough: Westchester	Zip Code

Object/Purpose of Project

Mount Vernon West [MVW] is the southernmost station in Westchester County on MNR's Harlem Line. It consists of two island 12 car length platforms serving 4 tracks, with staircases and elevators connecting the platforms to an underpass waiting area and the entrances on Mount Vernon Avenue and South West Street. The planned station improvements at Mount Vernon West Station includes, new lighting, improved customer information systems, new platform canopies, modernized passenger waiting areas and improvements to the station existing Elevators.

Units/Locations/Limits

Mount Vernon West station on the MNR Harlem Line is located in between CP13 – CP14. [i.e. this station is in between Woodlawn & Fleetwood stations].

Summary

The preliminary Design Build specific Scope of Work to include, but not limited to the following station improvements:

- Replace or rehabilitate existing concrete platform and canopy structure
- Expand canopy coverage compared to existing platforms
- Repair or replace existing stairs and ramps
- Rehabilitate the existing elevators to a state of good repairs
- Upgrade electrical systems
- Install new lighting, new customer service information systems, and new shelters
- Make repairs to other station areas (entrance plazas, underpasses, etc)

The budget for this project is \$193.5 million. This request is for \$49.80 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency	ACEP ID
Metro-North Railroad	M802-02-03
Project Name	Planning Number / PIN
Wakefield ADA Elevators	
County/Borough: Bronx	Zip Code

Object/Purpose of Project

This project is to construct an ADA compliant means of access for each platform at Wakefield station that will provide accessibility in both directions of travel.

Units/Locations/Limits

Metro-North Railroad
Harlem Line
Wakefield Station

Summary

Wakefield Station is configured with two island platforms situated between Harlem Line Tracks 4/2 and Tracks 3/1. The platforms accommodate four train cars and are each accessed by a single staircase that descends from the North side of the 241st Street bridge. Two new elevators will be installed to provide ADA compliant access to the Track 3/1 and Track 4/2 platforms from the South side of the 241st Street bridge. The elevators will be configured with a single-stage inground hydraulic piston and feature independent machine rooms, weather-resistant and tamper-resistant components, and controls that are congruent with standard Metro-North elevators. Additionally, a new staircase will be installed adjacent to each new elevator.

Access to the new elevators and staircases at track level will be provided by new concrete walkways that extend underneath the 241st bridge and connect with the existing island platforms. At bridge level, the South sidewalk will be expanded into an ADA compliant plaza within the project limits. A signalized, protected crosswalk with ADA compliant sidewalk ramps at either side will be installed to facilitate safe crossing between the existing North side access and the new South side access.

Wayfinding signs, lights, public address (PA) systems, train departure boards, and security cameras will be strategically installed to enhance the customer experience and ensure the safety and security of the station. Additionally, the current electrical service will be upgraded to accommodate the new elevators and amenities.

The budget for this project is \$52.29 million. The request is for \$27.81 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Metro-North Railroad	ACEP ID M802-02-07
Project Name Roof Replacements at Tuckahoe and Hastings Stations	Planning Number / PIN
County/Borough: Westchester	Zip Code

Object/Purpose of Project

The station building roofs at Tuckahoe and Hastings are in deteriorated condition. Both roof structures have allowed water to intrude into the station building interiors and have caused damage. Temporary repairs by maintenance forces are no longer effective in preventing water intrusion. The project will provide for a Contractor to reconstruct the Tuckahoe and Hastings Stations building roofs.

Units/Locations/Limits

Metro-North Railroad
Harlem Line: Tuckahoe Station

Hudson Line: Hastings Station

Summary

Tuckahoe Station is located on Metro-North's Harlem Division approximately 16 miles north of Grand Central Terminal. The station building was originally built in 1901 by the New York Central Railroad. The building features a Spanish style terracotta roof with a copper gutter system supported by custom timber brackets. The existing roof is deteriorated and has allowed significant water leakage into the station building. The bathroom within the station building collapsed due to water infiltration. The building is currently occupied by a tenant "Starbucks". This building has been found eligible for listing in the State and/or National Register of Historic Places.

Hastings Station is located on Metro-North's Hudson Division approximately 19 miles north of Grand Central Terminal. The station building was originally built in 1910 by the New York Central Railroad. The building features a Spanish style terracotta roof. The existing roof is deteriorated and has allowed significant water leakage into the station building. The building is currently occupied by a tenant "The Good Witch". This building has been found eligible for listing in the State and/or National Register of Historic Places.

The budget for this project is \$25.0 million. This request is for \$5.44 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Metro-North Railroad	ACEP ID M802-02-07
Project Name Station Mentoring Program – Design Dry Lines	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
Metro North will make investments in the Outlying Station Components as part of the MTA's Small Business Mentoring Projects (SBMP), supporting planned work to be undertaken in the 2020-2024 Capital Program. The goal of this investment is to install dry line systems at 25 select stations on the Harlem, Hudson and New Haven lines.

Units/Locations/Limits
Select 25 Metro-North Railroad Stations system-wide. The Hudson Line consists of Harlem 125, Croton Harmon, Poughkeepsie, Yonkers, Tarrytown, Ossining, Beacon, Marble Hill, Riverdale, and Greystone. The Harlem Line consists of White Plains, Fordham, Goldens Bridge, Mount Vernon West, Brewster, North White Plains, Chappaqua, Mt. Kisco, and Crestwood. The New Haven Line consists of Mount Vernon East, New Rochelle, Rye, Larchmont, and Port Chester.

Summary
This project makes SBMP investments in support of planned 2020-2024 Capital Program investments in select outlying stations system wide.

The budget for this project is \$5.3 million. This request is for \$3.38 million

Proposed Program of Projects Federal Fiscal Year 2021

Agency

Metro-North Railroad

ACEP ID

M802-03-02

Project Name

Parking Mentoring New Hamburg, Beacon, and Cold Spring Paving

Planning Number / PIN**County/Borough:** Putnam/Dutches**Zip Code****Object/Purpose of Project**

The parking mentoring project will address select deteriorated conditions in the parking and station access elements at locations throughout Metro-North territory in New York State.

Units/Locations/Limits

Metro-North Railroad
Hudson Line: New Hamburg, Beacon, Cold Spring

Summary

The asphalt parking lot surfaces at New Hamburg, Beacon, and Cold Spring are in deteriorated condition, requiring resurfacing, restriping, and potential full-depth replacement in select areas where the sub-base is failing. A concrete plaza will be constructed at New Hamburg to enhance safety and vehicle circulation.

The budget for this project is \$9.00 million. This request is for \$5.40 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Metro-North Railroad	ACEP ID M703-02-01
Project Name Overhead Bridge Rehab. - East of Hudson	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project will perform replacement/repair work on various overhead (vehicular) bridges located on the Harlem, Hudson and New Haven Lines. The purpose is to obtain vertical clearance studies and load ratings for eight overhead bridges crossing over the New Haven Line. With the findings from the study and the load ratings, the consultant will recommend two bridges to be replaced and prepare a preliminary design for these bridges.

Units/Locations/Limits

Eight Bridges on the New Haven Line located in New York:

- Centre Avenue – New Rochelle
- Rockland Avenue – Mamaroneck
- Hillside Avenue – Mamaroneck
- North Barry Avenue – Mamaroneck
- West Street – Harrison
- Broadway Avenue – Harrison
- Central Avenue – Rye
- William Street – Port Chester

Summary

This project will support the vertical clearance study and load ratings for eight overhead bridges crossing over the New Haven Line and preliminary design for the replacement of two bridges recommended by the consultant. An allowance for the design of priority repairs to be done by Metro-North Force Account is included.

The budget for this project is \$66.0 million. This request is for \$2.30 million.

Proposed Program of Projects Federal Fiscal Year 2021

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

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

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

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

The budget for this project is \$82.70 million. This request is for \$3.0 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Metro-North Railroad	ACEP ID M803-01-01
Project Name 2021 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, as well as welding CWR and replacing insulated joints.

Units/Locations/Limits

Metro-North Railroad System wide. Tie replacement will be at the following locations:

Hudson: Mott Haven to Marble Hill Hudson: Spuyten Duyvil to Glenwood Hudson: Croton Harmon to Cortlandt Hudson: Greystone to Tarrytown
Harlem: North White Plains to Pleasantville

Rail Replacement – 4.5 miles System wide Surfacing – 75 miles System wide
Welding – 1000 welds System wide Insulate Joint Replacement – System wide

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 \$95.45 million. This request is for \$76.14 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Metro-North Railroad	ACEP ID M803-01-03
Project Name Turnouts: Mainline/High Speed/GCT Turnouts/Yards & Sidings	Planning Number / PIN
County/Borough: Multiple	Zip Code

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

Units/Locations/Limits
Metro-North Railroad System-wide. Mainline Turnouts will be replaced between CP 3 (125th Street) and CP 35 (Croton Harmon) as well as CP 39 (Cortlandt) to CP 72 (Poughkeepsie) on the Hudson line. Crew members will also replace Mainline Turnouts between CP 106 (Melrose) to CP 123 (North White Plains) as well as CP 124 (North White Plains) to CP 152 (Southeast) on the Harlem line.

Grand Central Terminal Turnouts will be replaced on the upper and lower levels respectively.

Yard Turnouts will be replaced on an as needed basis when crews are available.

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

The budget for this project is \$86.60 million. This request is for \$76.3 million.

Proposed Program of Projects Federal Fiscal Year 2021

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

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, 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 185 rock slopes East of Hudson (113 Hudson Line, 60 Harlem Line, 12 New Haven Line). This is a continuation of ongoing rock slope remediation program. Annual inspections are performed to prioritize site assessments of each rock slope and then sites are remediated (stabilized)

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

Proposed Program of Projects Federal Fiscal Year 2021

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

This project will support the planned replacement of the timber crib portion of Marble Hill Seawall. This project is intended to go through the General Engineering Consultant (GEC) selection process with an award in early 2021. It is expected that the permitting process will take time to proceed forth. Construction of Phase 1 is expected to commence in the 2025-2029 Capital Program.

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

Proposed Program of Projects Federal Fiscal Year 2021

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 operates a fleet of Maintenance of Way (M of W) Equipment that is utilized to maintain its track in a state of good repair, ensuring that the physical plant does not deteriorate.

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

Proposed Program of Projects Federal Fiscal Year 2021

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

Object/Purpose of Project

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

Units/Locations/Limits

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

Summary

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

The budget for this project is \$386.94 million. This request is for \$385.64 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Metro-North Railroad	ACEP ID M803-02-02
Project Name Undergrade Bridge - Hudson Line Culverts	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project continues the repair or replacement of undergrade bridges located on the East of Hudson Lines. The purpose is to design the replacement/repair of three undergrade bridges located along the Hudson Line that have been evaluated and found to have an inadequate load rating.

Units/Locations/Limits

Three Hudson Line undergrade bridges are known as HU 21.16, HU 26.97, and HU 27.45.

Summary

These undergrade bridges have been prioritized for replacement based on condition and load rating. This project will support the complete design for the replacement/repair of the three undergrade bridges: HU 21.16, HU 26.97 and HU 27.45, via a third-party consultant.

The budget for this project is \$77.6 million. This request is for \$77.6 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Metro-North Railroad	ACEP ID M803-02-03
Project Name Overhead Bridge Program East of Hudson	Planning Number / PIN
County/Borough: Westchester	Zip Code

Object/Purpose of Project

This project is a continuation of the work under previous Capital Programs to continue to repair or replace bridges crossing over the New Haven Line and other bridges listed in serious to critical states of repair and over 100 years old.

The 2020-2024 Capital Program will support the construction of bridges at Fulton Avenue (NH 14.07) and South Street (NH 12.85).

Units/Locations/Limits

Fulton Avenue and South Street crossing over the New Haven Line in Mt Vernon, NY.

Summary

This project will support the planned replacement of the Fulton Avenue and South Street bridges crossing over the New Haven Line in Mount Vernon via third party contractors.

The budget for this project is \$75.90 million. This request is for \$75.90 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Metro-North Railroad	ACEP ID M803-02-04
Project Name Replace 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 construct the new structure made of wide flange steel beams imbedded in a concrete slab.

The budget for this project is \$4.60 million. This request is for \$4.60 million.

Proposed Program of Projects Federal Fiscal Year 2021

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

Object/Purpose of Project

The purpose of this project is to construct employee walkways attached to various undergrade bridges on the Harlem, Hudson and Port Jervis lines in New York State.

All design and construction are performed by in-house forces.

Units/Locations/Limits

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

Summary

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

The budget for this project is \$2.27 million. This request is for \$2.27 million

Proposed Program of Projects Federal Fiscal Year 2021

Agency Metro-North Railroad	ACEP ID M803-02-06
Project Name Replace Undergrade Bridge Timber	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

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

Units/Locations/Limits

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

Summary

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

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

Proposed Program of Projects Federal Fiscal Year 2021

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

Object/Purpose of Project

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

Units/Locations/Limits

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

Summary

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

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

Proposed Program of Projects Federal Fiscal Year 2021

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

The Hudson Line Tunnels have been prioritized for repair based on the safety of the railroad.

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency Metro-North Railroad	ACEP ID M803-02-09
Project Name Mentoring Program Structures	Planning Number / PIN
County/Borough: Westchester	Zip Code

Object/Purpose of Project

Metro-North will make line structure component investments to catenary structures as part of the MTA's Small Business Development Program (SBDP), supporting planned work designed in the 2015-2019 Capital Program. Areas of investment will focus on structural components which are at or beyond their useful lives, or which do not meet current condition criteria

Units/Locations/Limits

Various Locations on New Haven Line within New York State.
The limits are from Mount Vernon, NY to the NY-CT state line in Port Chester, NY.

Summary

This project makes SBDP investments in support of planned ongoing Capital Program investments in select line structures components system-wide. Rehabilitation of the catenary structures in New York State includes steel repairs, concrete repairs, and structural steel painting.

The budget for this project is \$14.14 million. This request is for \$14.14 million.

Proposed Program of Projects Federal Fiscal Year 2021

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
West of Hudson (Hillburn) through MP 45 (Harriman),

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 \$15.92 million. This request is for \$7.96. million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Metro-North Railroad	ACEP ID M803-03-03
Project Name West of Hudson Undergrade Bridge – Pt. Jervis Line	Planning Number / PIN
County/Borough: Orange	Zip Code

Object/Purpose of Project

The purpose of this project is to repair and replace select existing undergrade bridges located along the Port Jervis line that are not in a State of Good Repair (SGR). These bridges are in deficient condition and have substandard load ratings. The project includes Bridge Replacement at Smith Clove Road (JS 47.88); Repairs to existing Concrete Arch Bridge located at JS 47.90;•Inspection of all UG Bridges located along the Port Jervis Line and prepare a design package to be part of the M903 program.

Units/Locations/Limits

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

Summary

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

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency

Metro-North Railroad

ACEP ID

M803-03-04

Project Name

Moodna/Woodbury Viaduct Repairs

Planning Number / PIN**County/Borough:** Orange**Zip Code****Object/Purpose of Project**

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

Units/Locations/Limits

Woodbury Viaduct (JS 55.03) located in Woodbury, NY
Moodna Viaduct (JS 50.17) located in Salisbury Mills, NY

Summary

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

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

Proposed Program of Projects Federal Fiscal Year 2021

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 \$197.85 million. The request is for \$197.85 million.

Proposed Program of Projects Federal Fiscal Year 2021

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

Object/Purpose of Project

This project will provide a new radio system that is digital/IP based running off a gig E core LAN. It would utilize the latest solid-state workstation technology with a minimal form factor.

Units/Locations/Limits

Grand Central Terminal OCC, North White Plains (525 N. Bwy) ECC

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 budget for this project is \$10 million and the request is for \$10.million.

Proposed Program of Projects Federal Fiscal Year 2021

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

Object/Purpose of Project
The purpose of this project is to install a new Positive Train Control (PTC) system on all Metro-North Railroad systemwide.

Units/Locations/Limits
Various Locations systemwide

Summary
PTC is a system designed to prevent train-to-train collisions, over speed derailments, incursions into established work zone limits, and the movement of a train through a switch left in the wrong position. In 2008 Congress passed the Rail Safety Improvement Act of 2008 which requires, among other things, the development plan by April 2010 for installation of PTC on all commuter railroad main-line tracks. This effort began in the 2005-2009 Capital Program.

Metro-North will deploy Amtrak's Type Approved ACSES II as its PTC system in order to meet the FRA mandate for PTC Implementation. It will be an overlay to the existing FRA compliant Cab Signaling System (CSS) with Automatic Train Control (ATC). In compliance with the Rail Safety Improvement Act of 2008, this system provides the additional functionality required: Temporary and permanent speed restriction enforcement, stop signal enforcement and incursions into established work zones. This project requires installation of wayside, onboard and office equipment that is interoperable with all other railroads that operate over Metro-North. Track Transponders, Wayside Interface Units, Data Radio System, Safety Server and Onboard Computer are some of the major components of ACSES II system. Metro-North's BL-20 locomotives already have ACSES II system installed. Metro-North's recent purchase of M8 fleet will also be delivered with ACSES II system already installed. However there will be some modifications required on this fleet to match the final PTC system configuration.

The budget for this project is \$31 million and the request is for \$31 million.

Proposed Program of Projects Federal Fiscal Year 2021

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

Object/Purpose of Project

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

Units/Locations/Limits

Hudson Lines.

Summary

Design the replacement of Motor Alternator (MA) set at Croton Harmon (S-34) including the following:

All necessary feeder work by commercial electric service providers that would furnish needed 480V three-phase service and reserve standby power to the site of renewed signal power substation
All necessary reconfiguration of existing circuits and switchgear, including any replacement wiring as needed
Any necessary work in resiliency, for example upgraded with proper pumps and pits, and critical equipment elevated where possible, and reserve standby power as applicable to improve extreme weather (i.e. wind) resiliency.

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency

Metro-North Railroad

ACEP ID

M805-01-02

Project Name

Substation Rehabilitation

Planning Number / PIN

County/Borough: Multiple

Zip Code

Object/Purpose of Project

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

Units/Locations/Limits

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

Summary

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

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

Proposed Program of Projects Federal Fiscal Year 2021

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

Object/Purpose of Project

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

Units/Locations/Limits

New Haven Line in New York State.

Summary

The project work shall include the following:

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

The budget for this project is \$83.17 million. This request is for \$19.27 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency Metro-North Railroad	ACEP ID M805-01-04
Project Name Rebuild 2 NHL AC Substations	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this program of works is to improve the power supply capacity and resiliency of the A.C. traction power supply system on the New York State portion of the New Haven Line over the course of several Capital Programs by rebuilding the remaining two A.C. traction autotransformer power substations in the New Haven (NH) territory (substations 128 in Mamaroneck and 178 in Harrison). Design is taking place in the 2015-2019 Capital Program and this 2020-2024 Capital Program project will rebuild the two A.C. traction autotransformer power substations.

Units/Locations/Limits

New Haven Lines in the New York State.

Summary

The project work shall include the following:

- Construct the rebuilding of autotransformer substations 128 and 178, including all necessary safeties, switchgear, control equipment, voltage regulation, SCADA, etc.
 - Force Account labor, including Flagging, required to install the autotransformer substation.
 - Construct all necessary reconfiguration and/or feeder work from railroad-owned high voltage transmission lines within the right of way.
- Construct all necessary reconfiguration of switchgear as needed.

The budget for this project is \$83.17 million. This request is for 39.5 million.

Proposed Program of Projects Federal Fiscal Year 2021

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

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

Units/Locations/Limits
New Haven Lines in the New York State.

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

The budget for this project is \$83.17 million. This request is for \$24.4 million.

Proposed Program of Projects Federal Fiscal Year 2021

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 the 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 2021

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 specific locations 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
Harlem and Hudson Lines

Summary
The project will be executed and completed by the Power Department (Substation & Test Department).

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

Proposed Program of Projects Federal Fiscal Year 2021

Agency Metro-North Railroad	ACEP ID M806-01-01
Project Name Upgrade Automotive Fuel System	Planning Number / PIN
County/Borough: Westchester/Put	Zip Code

Object/Purpose of Project

The purpose of this project is to replace the automotive fueling stations at Brewster, Harmon, and North White Plains Yards built between 1988 and 1991. The facilities need modifications to meet recent compliance regulation updates to avoid being taken out of service. The existing automotive fuel storage tanks have reached the end of their useful life and are in poor condition, requiring extensive maintenance of delivery mechanisms and canopies. Due to age, the systems do not meet current construction and design standards, nor do they have a secondary containment system.

In addition, to state of good repair and code compliance, this project also addresses an environmental safety concern at Brewster yard where fuel from a past leak from the existing tank could potentially find its way into New York City Drinking water system.

Units/Locations/Limits

The Automotive Fuel Stations at Brewster Yard, Harmon Yard, and North White Plains Yards.

Summary

This project will design and construct new fuel islands with above ground fueling systems at all 3 locations to replace the existing 30-year old underground tanks and fueling systems, including upgraded fuel dispensers. Scope of work includes the following:

Removal of the existing underground tanks and fueling systems, including any necessary remediation.

- Design and installation of new above ground fueling systems.
- Installation of DEF fluid dispensers and air compressors to facilitate proper vehicle maintenance by operators.
- Project Management and support costs.

The budget for this project is \$6.70 million. This request is for \$6.70 million.

Proposed Program of Projects Federal Fiscal Year 2021

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

Multiple

Summary

Work under this activity will support the implementation of projects under the 2021 grant.

The budget for this project is \$50.00 million. This request is for \$40.00 million.

Proposed Program of Projects Federal Fiscal Year 2021

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

Multiple

Summary

Work under this activity will support the implementation of projects under the 2021 grant.

The budget for this project is \$20.00 million. This request is for \$16.00 million.

Proposed Program of Projects Federal Fiscal Year 2021

Agency MTA Bus	ACEP ID U8030202
Project Name Purchase 110 Standard Buses	Planning Number / PIN SF02-8749
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this project is to add funding towards the purchase of 110 standard buses to be operated throughout the City of New York.

Units/Locations/Limits
Multiple

Summary
This project add funding towards the purchase of 110 standard buses to be operated throughout the City of New York. These replacement buses will be designated to operate in revenue service for a minimum of 12 years or 500,000 miles. These buses will meet Environmental Protection Agency (EPA) emission standards, as well as American With Disabilities (ADA) standards.

The estimated funding added to this project is \$26.1M, of which the federal amount will be \$20.9M.

Proposed Program of Projects Federal Fiscal Year 2021

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

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

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

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

The estimated cost of this project is \$6.4M of which the federal amount is \$5.2M.

Proposed Program of Projects Federal Fiscal Year 2021

Agency MTA Bus	ACEP ID U8030209
Project Name New Building Management Systems Installation, Fire Alarm & Methan	Planning Number / PIN SF01-1841
County/Borough: Brooklyn	Zip Code 11208

Object/Purpose of Project
The purpose of this project is to replace the Building Management System, Fire Alarm & Methane Detection components in the Spring Creek Depot.

Units/Locations/Limits
Spring Creek Depot

Summary
This project will replace Building Management System, the Fire Alarm & Methane Detection components in the Spring Creek Depot. These components are past their useful life and in need of replacement.

The estimated cost of this project is \$4.5M of which the federal amount will be \$3.6M.

Proposed Program of Projects Federal Fiscal Year 2021

Agency MTA Bus	ACEP ID U8030209
Project Name HVAC Phase 2 - Spring Creek Depot	Planning Number / PIN SF04-1840
County/Borough: Brooklyn	Zip Code 11208

Object/Purpose of Project
The purpose of this project is to replace components of the HVAC (Heating/Ventilation/Air-Conditioning) system at the Spring Creek Depot.

Units/Locations/Limits
Spring Creek Depot

Summary
This project will replace the various components of the HVAC system at the Spring Creek Depot that have exceeded their useful life.
Replacement will include demolition, purchase, and installation of the components.

The estimated cost for this project is \$9.0M of which the federal amount will be \$7.2M.