

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

Thursday, September 6, 2018
4:30 P.M.
2 Broadway
Twentieth Floor
William J. Ronan Board Room
New York, NY 10004

Request for Federal Financial Assistance

Under the Federal Transportation Authorization

For

Federal Fiscal Year 2019

Capital Improvement Projects

For

NEW YORK CITY TRANSIT AUTHORITY (NYCTA)

MANHATTAN AND BRONX SURFACE TRANSIT OPERATING AUTHORITY

(MaBSTOA)

THE LONG ISLAND RAIL ROAD COMPANY (LIRR)

METRO-NORTH COMMUTER RAILROAD COMPANY (MNR)

MTA BUS COMPANY (MTA BUS)

MTA CAPITAL CONSTRUCTION COMPANY (MTA CC)

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 Capital Construction Company (MTA CC) 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 CC or MTA Bus projects will be carried out in accordance with the appropriate provisions of law and regulatory requirements. The projects are not anticipated to have any significant adverse environmental impact. If MTA prepares a formal statement on the environmental impact of any of the projects, the availability of that statement will be made known by public notice.

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

The projects included in this hearing are either already part of the approved 2010-2014 Capital Program, or the approved MTA Capital Program for 2015-2019.

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 2018, MTA is tentatively projected to be eligible to receive \$674.9 million of Section 5307 funds. Of that amount, MTA expects to elect to use \$ 647.1 million for NYCTA, MaBSTOA, LIRR and MNR capital projects, and MTA is expected to elect to use \$27.9 million for MTA Bus projects. Full year apportionments for Federal Fiscal Year 2019 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 2019, MTA is tentatively projected to be eligible to receive \$813.5 million of Section 5337 State of Good Repair and \$46.7 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 2019 is not yet known.
- B) The MTA is eligible to receive \$565.0 million of recovery funds from the Disaster Relief Appropriations Act of 2013 (Section 5324).
- C) 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.

HEARING DATE, TIME AND LOCATION

Date: Thursday, September 6, 2018
Time: 4:30 p.m.
Location: Metropolitan Transportation Authority
2 Broadway
Twentieth Floor Board Room
New York, New York 10004

REGISTRATION AND WRITTEN COMMENTS

Those wishing to be heard must register in advance, either by telephone or on the MTA website or in person at the hearing. It is advisable to pre-register before the hearing because those people will be heard first. Registration in person will be permitted at the hearing until 6:00 p.m. Oral presentations will be limited to three minutes. A record will be made of the comments received.

Written comments for incorporation in the record of the hearing will be accepted provided they are submitted before the hearing is closed. Registrations, written comments, and questions about the hearing, as well as the locations where copies of the document are available for review should be addressed to:

Metropolitan Transportation Authority
Government Affairs
2 Broadway
New York, New York 10004

or you may call (212) 878-7127 between the hours of 9:00 a.m. and 5:00 p.m.

ACCESSIBILITY AND INTERPRETER SERVICES

The hearing has been scheduled at a location that is accessible to people with mobility impairment. An interpreter for hearing impaired people will be available upon request.

COPIES OF APPLICATIONS AND QUESTIONS ABOUT THE FINAL PROGRAM OF PROJECTS

Requests for copies of the applications and final program of projects to be submitted to FTA, or questions regarding these documents should be addressed to:

Metropolitan Transportation Authority
Capital Program Funding & Grant Management
2 Broadway
New York, New York 10004

or you may call (212) 878-7127 between the hours of 9:00 a.m. and 5:00 p.m.

The MTA will make the final program of projects available on its website (www.mta.info) for Section 5307 funded projects when the FTA awards the Federal Fiscal Year 2016 grant and the Federal Fiscal Year 2017 grant.

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.

Legal Names:

New York City Transit Authority
Manhattan and Bronx Surface Transit Operating Authority
The Long Island Rail Road Company
Metro-North Commuter Railroad Company
Metropolitan Transportation Authority Bus Company
MTA Capital Construction Company

Popular Name:

MTA New York City Transit
MaBSTOA
MTA Long Island Rail Road
MTA Metro-North Railroad
MTA Bus
MTA CC

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**Proposed Program of Projects
Federal Fiscal Year 2019**

ACEP ID/ Agency PIN	Program/Project Description	Estimated Federal Request(\$M)	Page
LONG ISLAND RAILROAD			
<i>Stations</i>			
L70204UA	Station Component Replacement	\$36.40	1
L70204UU	Mentor Allowance - Stations	8.20	2
	Subtotal	\$44.60	
<i>Track</i>			
L70301WD	2018 Annual Track Program	\$10.00	3
L70301WE	2019 Annual Track Program	64.10	4
	Subtotal	\$74.10	
<i>Line Structures</i>			
L70401BU	Mentor Allowance - Line Structures	\$10.00	5
L70401C7	Atlantic Avenue Hatchway Improvements	4.60	6
L70401C9	Franklin Ave Hatch & Murray Hill ROW Improvements	2.80	7
	Subtotal	\$17.40	
<i>Communications and Signals</i>			
L70502LH	Babylon Interlocking Renewal	\$40.20	8
	Subtotal	\$40.20	
<i>Shops and Yards</i>			
L70604YJ	Mentor Allowance - Shops & Yards	\$18.30	9
EL0603ZP	West Side Yard and East River Tunnel Mitigation	94.53	10
	Subtotal	\$112.83	
<i>Power</i>			
L70701XC	Third Rail 2000 Million Cubic Meter (MCM) Cable	\$1.40	11
L70701XD	Third Rail Disconnect Switches	0.90	12
L70701XE	Third Rail Protection Board	5.30	13
L70701XF	Third Rail Composite Rail	7.90	14
L70701XG	Third Rail Feeder Cable Upgrade	2.20	15
L70701XH	Negative Reactor Upgrade	2.10	16
	Subtotal	\$19.80	
Long Island Rail Road Total		\$308.93	
METRO-NORTH RAILROAD			
<i>Rolling Stock</i>			
M701-01-01	Locomotive Purchase	\$234.34	17
	Subtotal	\$234.34	
<i>Stations</i>			
M702-01-01	GCT Trainshed/Tunnel Structure	\$28.70	18
M702-01-08	Mentoring -GCT	6.00	19
M702-02-04	Harlem Line Station Improvements	60.41	20
M702-02-09	Mentoring Program – Stations	5.83	21
M702-03-01	Strategic Facilities -Upper Harlem Parking Improvements at Croton Falls	6.30	22
M702-03-02	Mentoring Program – Strategic Facilities	2.00	23
	Subtotal	\$109.24	
<i>Track and Structures</i>			
M603-02-12	Overhead Bridge Program - East of Hudson	\$7.60	24
M703-01-03	Rock Slope Remediation	4.33	25
M703-01-04	Turnouts: Mainline/High Speed	16.80	26
M703-01-05	GCT Turnouts/Switch Renewal	3.38	27
M703-01-09	Purchase of Maintenance of Way Equipment	10.00	28
M703-01-12	2019 Cyclical Track Program	24.70	29

**Proposed Program of Projects
Federal Fiscal Year 2019**

ACEP ID/ Agency PIN	Program/Project Description	Estimated Federal Request(\$M)	Page
M703-02-01	Overhead Bridge Program - East of Hudson	15.83	30
M703-02-03	Undergrade Bridge Rehab. - East of Hudson	16.70	31
M703-02-09	Harlem River Lift Bridge	7.95	32
M703-02-13	DC Substation/Signal House Roof Replacement	5.00	33
M703-02-15	Mentoring Program - Structures	6.00	34
M703-03-03	West of Hudson Undergrade Bridge Rehabilitation	9.88	35
M703-03-04	Moodna/Woodbury Viaducts (including timbers/walkways)	9.75	36
Subtotal		\$137.92	
Communication and Signals			
M704-01-02	Harmon to Poughkeepsie Signal System	\$29.84	37
Subtotal		\$29.84	
Power			
M705-01-03	Replace AC Circuit Breaker/Switchgear	\$3.90	38
M705-01-10	Park Avenue Tunnel Initiative	22.00	39
Subtotal		\$25.90	
Shops and Yards			
M706-01-05	Mentoring Program – Shops and Yards	\$2.87	40
Subtotal		\$2.87	
Ferries			
882218	Haverstraw-Ossining Ferry	\$1.92	41
882315	Newburg-Beacon Ferry	1.49	42
Subtotal		\$3.41	
Metro-North Railroad Total		\$543.52	
MTA BUS			
Facilities			
U7030215	Project Administration 2015 - 2019	\$8.40	43
U7030216	Design/Engineering Management Services 2015 - 2019	2.70	44
U7030217	Construction Management Services 2015 - 2019	2.70	45
Subtotal		\$13.80	
MTA Bus Total		\$13.80	
CAPITAL CONSTRUCTION COMPANY			
Miscellaneous			
G7110101	Penn Station Access -Pre Design	\$12.50	46
G7110102	Penn Station Access - Program Management	7.40	47
G7110103	PSA: Construction Management	24.90	48
G7110107	PSA: Stations	109.40	49
G7110108	PSA: Shops & Yards	24.48	50
G7110109	PSA: Rolling Stock Specification	3.92	51
G7110110	Penn Station Access –General Engineering Consultant	82.00	52
G7110111	Penn Station Access – Design Support	12.40	53
Subtotal		\$277.00	
MTA Capital Construction Company		\$277.00	

**Proposed Program of Projects
Federal Fiscal Year 2019**

ACEP ID/ Agency PIN	Program/Project Description	Estimated Federal Request(\$M)	Page
NEW YORK CITY TRANSIT			
Bus Replacement			
T7030206	Purchase 50 Express Buses	\$38.81	54
		Subtotal	
		\$38.81	
Stations			
ET040327	Sandy Mitigation: 138 St - Gr Concourse/JER (Vent Battery A)	\$5.50	55
T7040705	Replace 2 Hydraulic Elevators at Borough Hall / Clark Street	16.51	56
T7040707	Replace 7 Escalators / Various (Bronx & Manhattan)	42.23	57
T7040708	Replace 2 Escalators / Pelham Parkway/ White Plains Road	15.29	58
T7040709	Replace 9 Escalators / Various	43.72	59
T7040711	Replace 2 Hydraulic Elevators: Franklin Avenue / Shuttle	15.14	60
T7040712	Replace 3 Escalators: Flushing- Main Street / Flushing	20.31	61
T7040713	Replace 7 Escalators/ Various(Brooklyn & Manhattan)	32.96	62
T7040714	Replace One Hydraulic Elevator at GC / Flushing	10.59	63
T7041231	Station Lighting: 5 Locations / Various [SBMP]	5.36	64
T7041232	Station Ventilators: Various Locs: Ph 1	8.05	65
T7041248	Ventilators at Various Locations: Ph 2	8.39	66
T7041264	Ventilators at Various Locations: Ph 3	8.72	67
T7041274	Station Lighting: 8 Locations / Various [SBMP]	7.66	68
T7041275	Ventilators at Various Locations: Ph 4	9.72	69
T7041286	Station Lighting: 3 Locations / 8AV, WPR [SBMP]	5.54	70
T7041315	ADA: 149 Street - Grand Concourse Complex	85.00	71
T7041316	ADA: Woodhaven Boulevard / Jamaica	35.00	72
T7041319	ADA: Livonia / Canarsie	14.60	73
		Subtotal	
		\$390.29	
Track			
T7050211	Continuous Welded Rail Installation - 2019	\$35.85	74
T7050305	Replace Mainline Track Switches - 2019	57.33	75
		Subtotal	
		\$93.18	
Line Equipment			
ET060330	Sandy Mitigation: 14 Fan Plants, LT - 1 Loc, FP 7204	\$14.61	76
T7060505	Rehab Fan Plant Damper System - Various Locations	56.86	77
T7060508	Rehab 1 Pump Room : Rockwell Place North / 4 Av	35.00	78
		Subtotal	
		\$106.47	
Line Structures			
T7070301	Elev Structural Rehab: Boston Rd-Abutment N. of 180th St-WPR	\$20.34	79
T7070305	Elevated Structures Repair (Over-land Sections) - RKY	20.00	80
T7070308	Rehab Emergency Exits - Various Locs (3rd Party)	9.40	81
T7070314	Line Structure Overcoating: Myrtle Avenue - DeSales Place / Jamaica	45.80	82
T7070317	Line Structure Overcoating: 48 Street - 72 St / Flushing	28.54	83
T7070320	Vents Between Stations: E 161 St - E 192 St / Concourse	10.00	84
T7070323	Line Structure Component Program (LSCR): Brooklyn (EPK)	23.14	85
T7070331	Line Structure Component Repair Program (LSCR): Bronx (BXC)	76.60	86
T7070335	Line Structure Overcoating: Portal - King's Hwy / Culver	28.73	87
T7070339	Line Structure Component Repair Program (LSCR): 1-8 Av/CNR	41.01	88
		Subtotal	
		\$303.56	

**Proposed Program of Projects
Federal Fiscal Year 2019**

ACEP ID/ Agency PIN	Program/Project Description	Estimated Federal Request(\$M)	Page
Signals and Communications			
T7080324	Code Cable Replacement / BW7	\$29.08	89
T7080326	Life Cycle Replacement of Code Systems - Phase 1	35.42	90
T7080327	Life Cycle Replacement of Speed Enforcement Systems	54.23	91
T7080636	Connection--Oriented Ethernet (COE), Ph 3 Station Expansion	17.62	92
Subtotal		\$136.35	
Power			
T7090203	Central Substation Renewal Including New Rectifier / 6AV	\$50.60	93
T7090204	Substation Roof & Enclosure: Washington Hts / 8 AV [SBMP2]	9.00	94
T7090206	Replace High Tension Switchgear at 10 Substations	49.55	95
T7090219	New Substation: Canal Street / 8th Avenue	70.96	96
T7090220	New Substation: 28 Street / 8th Avenue	65.79	97
ET090304	Sandy Mitigation: Montague-Furman Substation / BWY	5.97	98
ET090310	Sandy Mitigation: Back-up Power Control Center (PCC)	10.03	99
ET090312	Sandy Resiliency: Site Improvements at 2 Locations (SBFP)	2.25	100
T7090413	Upgrade SCADA System (BMT)	40.00	101
T7090414	Repl Control & Battery Cable: 4 Substn Control Zones (2/3/5/8)	28.80	102
T7090415	Reconstruction of CBH # 392 - Flushing River Bridge	8.50	103
Subtotal		\$341.45	
Shops			
ET100310	Sandy Mitigation: Sewer 207th Street	\$18.47	104
T7100406	Livonia Maintenance Facility Rehab/Reconstruct Phase 1	62.70	105
T7100414	Yard Track - 2019	2.30	106
T7100420	Yard Switches - 2019	3.80	107
T7100428	Rehabilitate Car Cleaning Facilities	1.48	108
Subtotal		\$88.75	
Depots			
T71203	Modular Office: East New York Depot [SBFP]	\$4.20	109
T7120301	Artic Modification: East New York Depot	28.13	110
T7120319	New Roof at Queens Village Depot	11.65	111
T7120402	Paint Booth: Yukon Depot [SBDP]	2.76	112
Subtotal		\$46.74	
Miscellaneous			
ET160311	Sandy Mitigation: Zerega Central Maintenance Facility	\$10.39	113
Subtotal		\$10.39	
Staten Island Railway			
S7070113	Clifton Yard Track and Switch Reconfiguration	\$20.41	114
Subtotal		\$20.41	
New York City Transit Total		\$1,576.40	
MTA GRAND TOTAL		\$2,719.65	

Proposed Program of Projects Federal Fiscal Year 2019

Agency

Long Island Rail Road

ACEP ID

L70204UA

Project Name

Station Component Replacement

Planning Number / PIN

County/Borough: Suffolk

Zip Code 11746

Object/Purpose of Project

This project will address station component replacement at selected LIRR stations, including, but not limited to: replacement of ornamental fencing and lighting at Hempstead Station, replacement/renewal of various components at St. Albans Station, and full replacement of signage at 9 LIRR stations. Station efforts at other locations will also be included in this project.

Units/Locations/Limits

Various LIRR Stations.

Summary

Station component replacement includes but is not limited to replacement of fencing, lighting, replacement / renewal of various components, and full replacement of signage.

The budget for this project is \$36.4 million. This request is for \$36.4 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Long Island Rail Road	ACEP ID L70204UU
Project Name Mentor Allowance - Stations	Planning Number / PIN
County/Borough: Multiple	Zip Code NA

Object/Purpose of Project

This project provides for the construction contracts through the MTA's Small Business Mentoring Program in support of station component replacement at selected LIRR stations, including: replacement of ornamental fencing and lighting at Hempstead Station, replacement/renewal of various components at St. Albans Station, and full replacement of signage at 9 LIRR stations. Station efforts at other locations will also be included in this project.

Units/Locations/Limits

Various LIRR Stations.

Summary

This request is for the construction of work undertaken as part of the MTA's Small Business Mentoring Program. Work includes, but is not limited to, component replacement, replacement of fencing, lighting, replacement / renewal of various components, and full replacement of signage.

The budget for this project is \$13.3 million. This request is for \$8.2 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Long Island Rail Road	ACEP ID L70301WD
Project Name 2018 Annual Track Program	Planning Number / PIN
County/Borough: Multiple	Zip Code NA

Object/Purpose of Project

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

Units/Locations/Limits

Work locations will include Atlantic Branch, Port Jefferson Branch, Montauk Branch, and various locations system wide. The following scope and quantities for the 2018 Annual Track Program reflects the project planning, to date. This may get further refined as the project planning continues: Mechanized Ties (29,280), Switch Installation (15), Grade Crossing Renewal (15 ea.), Field Welds-Thermite welding (800 ea), Track Surfacing (70 miles), Surface Interlocking and Main Track Switches (40), Field Welds, Crossings, Track Surfacing, Surface Interlocking, System Wide Continuous Welded Rail Replacement (32,000 LF).

Summary

Major component renewal and replacements includes but are not limited to mechanized tie installation, switch installation, grade crossing renewal, field welds, track and switch surfacing and continuous welded rail, and track surfacing.

The budget for this project is \$74.0 million. This request is for \$10.00 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Long Island Rail Road	ACEP ID L70301WE
Project Name 2019 Annual Track Program	Planning Number / PIN
County/Borough: Multiple	Zip Code NA

Object/Purpose of Project

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

Units/Locations/Limits

Work locations will include Main Line Branch and various locations system wide. The following scope and quantities for the 2019 Annual Track Program reflects the project planning, to date. This may get further refined as the project planning continues: Mechanized Ties, Switch Installation, Grade Crossing Renewal, Field Welds-Thermite welding (800 ea), Track Surfacing (70 miles), Surface Interlocking and Main Track Switches (40), Field Welds, Crossings, Track Surfacing, Surface Interlocking, System Wide Continuous Welded Rail Replacement (32,000 LF).

Summary

Major component renewal and replacements includes but are not limited to mechanized tie installation, switch installation, grade crossing renewal, field welds, track and switch surfacing and continuous welded rail, and track surfacing.

The budget for this project is \$64.1 million. This request is for \$64.1 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Long Island Rail Road	ACEP ID L70401BU
Project Name Mentor Allowance - Line Structures	Planning Number / PIN
County/Borough: Multiple	Zip Code NA

Object/Purpose of Project
This project will provide for painting of various bridges. Bridge painting reduces maintenance, prolongs the life of the structure, and prevents structural deterioration.

Units/Locations/Limits
Locations include but are not limited to: Gosman Avenue in Long Island City on the Main Line - Flushing - Main Street on the Port Washington Branch; Union Turnpike in Glendale on the Montauk Branch; Main Street in Southampton on the Montauk Branch; and Forge River in Mastic on the Montauk Branch.

Summary
Work includes painting various bridges. 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, and maintaining them in a state of good repair.

The budget for this project is \$17.7 million. This request is for \$10.0 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Long Island Rail Road	ACEP ID L70401C7
Project Name Atlantic Avenue Hatchway Improvements	Planning Number / PIN
County/Borough: Multiple	Zip Code N/A

Object/Purpose of Project

This project will make improvements to fourteen emergency hatchways at the north and south sides of Atlantic Avenue Tunnel. At each location, the existing steel hatchway, bollards, concrete sidewalk and curb will be replaced, staircases will be replaced or rehabilitated, new lights and illuminated signs will be installed, security devices including alarms and detectors at the hatches including conduits and necessary junction boxes will be installed.

Units/Locations/Limits

Emergency hatches at the north and south sides of Atlantic Avenue Tunnel at 113th Street, 100th Street, 86th Street, 76th Street, Crescent Street, Essex Street and Hendrix Street.

Summary

Work includes but is not limited to: replacement of the existing steel hatchway, replace or rehabilitated stair components, installation of waterproofing within the work area, stairs, bollards, concrete sidewalk and curb, installation of new LED lights with associated conduits, installation of security devices including alarms and detectors at the hatches including conduits and necessary junction boxes.

The budget for this project is \$4.6 million. This request is for \$4.6 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Long Island Rail Road	ACEP ID L70401C9
Project Name Franklin Ave Hatch & Murray Hill ROW Improvements	Planning Number / PIN
County/Borough: Multiple	Zip Code N/A

Object/Purpose of Project

The Franklin Avenue Hatch Improvements project will replace the existing steel hatchway, two structural steel beams, stairs, bollards, concrete sidewalk and curb, install new lights and illuminated signs, install security devices including alarms and detectors at the hatches including conduits and necessary junction boxes.

The Murray Hill ROW Improvement project will remove overgrown vegetation along the top of the retaining wall, remove all deteriorated concrete panel fence and chain-link fences, repair concrete spalls on the retaining walls, and install approximately 3,000 LF of new high security fencing, furnish and install approximately 2,600 LF of DOT approved guardrail along the ROW. The work limit is from just west of Union Street and ends near Murray Street in Murray Hill, Queens.

Units/Locations/Limits

Franklin Avenue Emergency Hatchway, which services the Atlantic Avenue Tunnel, located on the sidewalk in front of 1102 Atlantic Avenue, Brooklyn NY.

Murray Hill ROW Improvement, Murray Hill, Queens County.

Summary

The Franklin Avenue Hatch Improvements project will include: replacement of the existing steel hatchway, two structural steel beams, stairs, bollards, installation of waterproofing within the work area, concrete sidewalk and curb, installation of new lights and illuminated signs, installation of security devices including alarms and detectors at the hatches including conduits and necessary junction boxes.

The Murray Hill ROW Improvement project will include: removal of all deteriorated concrete panel fence and chain-link fences, repair concrete spalls on the retaining walls, and install approximately 3,000 LF of new high security fencing, furnish and install approximately 2,600 LF of DOT approved guardrail along the ROW. The work limit is from just west of Union Street and ends near Murray Street in Murray Hill, Queens.

The budget for this project is \$2.8 million. This request is for \$2.8 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Long Island Rail Road	ACEP ID L70502LH
Project Name Babylon Interlocking Renewal	Planning Number / PIN
County/Borough: Suffolk	Zip Code 11702

Object/Purpose of Project
Renew and Upgrade of the signal system in the vicinity of the Babylon station in Suffolk County, NY. The existing system was originally installed in the 1960's and has exceeded its useful life. The new system will utilize processor-based technology. Project benefits include significant improvement of the on-time performance; reducing the number of delays resulting from signal system failures in this very busy train traffic territory and reduced maintenance cost of the signal system.

Units/Locations/Limits
Babylon Interlocking

Summary
The scope includes installation of new Signal Huts/Cases. In support of this project, retaining walls, duct banks and pole line will be installed. Also included in the scope, the renewal and upgrade of the signal system at Higbie Lane highway-rail grade crossing. Other signal components that are subject to upgrade include signals, track switches and cables.

The budget for this project is \$40.20 million. This request is for \$40.20 million.

Proposed Program of Projects Federal Fiscal Year 2019

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

Object/Purpose of Project
This project provides for construction contracts through the MTA's Small Business Mentoring Program in support of various shops, yards and employee facilities projects in the LIRR's 2015-2019 Capital Program.

Units/Locations/Limits
System wide

Summary
This request is for the construction of work undertaken as part of the MTA's Small Business Mentoring Program. Work at various maintenance and repair shops, yards and employee facilities include, but are not limited to, replacement of deteriorating roofing systems, lightning protection systems, a concrete loading dock, milling and paving of driveways and walkways, new train roof access platform, HVAC systems and windows and doors.

The budget for this project is \$20.1 million. This request is for \$18.3 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Long Island Rail Road	ACEP ID EL0603ZP
Project Name West Side Yard and East River Tunnel Mitigation	Planning Number / PIN
County/Borough: Multiple	Zip Code N/A

Object/Purpose of Project

As a result of Superstorm Sandy, storm surge from the Hudson River came across 12th Avenue and resulted in approximately four feet of water in the yard. Hardening West Side Yard is critical not only because of the risk to LIRR train equipment and shop and yard systems, but also because of the yard's proximity to Penn Station.

The West Side Yard (WSY) and the Queens Portals of the East River Tunnel (ERT) are key regional assets that sustained severe damage during Superstorm Sandy. The resiliency enhancements will defend critical infrastructure against future surges of the Hudson River and the East River/Newtown Creek. Resiliency elements include: construction of perimeter protection to prevent river water from entering the West Side Yard and the East River Tunnel Queens Portals; and modification/improvements to the WSY drainage system.

Units/Locations/Limits

Manhattan and Queens

Summary

Located on the far west side of Manhattan, West Side Yard is LIRR's largest train storage yard, with a storage capacity of 328 rail cars. The LIRR's morning and evening peak period operations are built around full utilization of West Side Yard where trains are stored to support Penn Station operations and the majority of LIRR's service. Should the operational capacity of West Side Yard be diminished, the LIRR would be unable to operate its full level of service.

The budget for this project is \$94.53 million. This request is for \$94.53 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Long Island Rail Road	ACEP ID L70701XC
Project Name Third Rail 2000 Million Cubic Meter (MCM) Cable	Planning Number / PIN
County/Borough: Multiple	Zip Code N/A

Object/Purpose of Project
This project will replace and/or upgrade aged, deteriorated and inadequate 2000 Million Cubic Meter (MCM) DC feeder and jumper cables at various locations in Long Island Rail Road's electric territory.

Units/Locations/Limits
Project will replace approximately 2,200 L.F. of 2000 MCM cable at various locations in Long Island Rail Road's electric territory.

Summary
This work includes removing old cable and installing new cable. This includes double feeds to all expansion gaps, transpositions, and substation feeds.

The budget for this project is \$2.40 million. This request is for \$1.40 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Long Island Rail Road	ACEP ID L70701XD
Project Name Third Rail Disconnect Switches	Planning Number / PIN
County/Borough: Multiple	Zip Code N/A

Object/Purpose of Project

This project will replace and/or upgrade DC feeder disconnect switches that are beyond their useful life throughout the Long Island Rail Road's electric territory. This cyclical replacement ensures the switches remain in a state of good repair in order to maintain safe and dependable performance of the traction power system.

Units/Locations/Limits

The project will replace approximately 25 Third Rail Disconnect Switches in critical areas, including substations, yards, and sectionalizing locations (areas where third rail power can be cut-off within a section of the Rail Road).

Summary

This project will remove and replace existing disconnect switches and associated feeder switch leads.

The budget for this project is \$1.60 million. This request is for \$0.90 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Long Island Rail Road	ACEP ID L70701XE
Project Name Third Rail Protection Board	Planning Number / PIN
County/Borough: Multiple	Zip Code N/A

Object/Purpose of Project
This project will replace and upgrade deteriorated, aged, and inadequate fiberglass protection board system wide with new fiberglass protection board in areas where it is beyond its useful life. This cyclical replacement protects the safety of Long Island Rail Road employees, equipment, and the public by ensuring all third rail has adequate protection board in place.

Units/Locations/Limits
This project will replace approximately 162,000 L.F. of protection board in various locations in the LIRR electric territory.

Summary
This work includes replacement of existing fiberglass protection board. If installation requires new top mounting brackets and/or hardware, components will be replaced new in-kind.

The budget for this project is \$8.80 million. This request is for \$5.30 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Long Island Rail Road	ACEP ID L70701XF
Project Name Third Rail Composite Rail	Planning Number / PIN
County/Borough: Multiple	Zip Code N/A

Object/Purpose of Project
The purpose of this project is to replace and upgrade third rail where it is beyond its useful life.

Units/Locations/Limits
This project will replace and upgrade 44,000 L.F. of composite rail. LIRR system wide.

Summary
This work includes the removal of existing third rail, feeder leads, hardware, top mounting brackets, insulators, cables and protection board at various locations. The new third rail installation will include new third rail, insulators, and feeder leads. If required, new hardware, mounting brackets, and cables will be replaced new in kind.

The budget for this project is \$11.20 million. This request is for \$7.90 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Long Island Rail Road	ACEP ID L70701XG
Project Name Third Rail Feeder Cable Upgrade	Planning Number / PIN
County/Borough: Multiple	Zip Code N/A

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 Long Island Rail Road's electric territory, based upon priority locations identified by the Power Department. This project also includes the removal of the old feeder cables.

Units/Locations/Limits

This project will replace/upgrade approximately 7,700 L.F. of feeder cable at various locations throughout Long Island Rail Road's electric territory.

Summary

This project will install new third rail feeder cable at locations where it is deteriorated and/or beyond its useful life and/or undersized to meet traction power needs. The old feeder cable will be removed and properly disposed of following the installation of the new third rail feeder cable and associated system components.

The budget for this project is \$3.20 million. This request is for \$2.20 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Long Island Rail Road	ACEP ID L70701XH
Project Name Negative Reactor Upgrade	Planning Number / PIN
County/Borough: Multiple	Zip Code N/A

Object/Purpose of Project
This project will replace and upgrade third rail reactors which are beyond their useful life and are undersized to properly support the electric fleet. Negative reactors are a component of the signal and electric power system. Replacement will take place at various locations throughout Long Island Rail Road's electric territory based upon priorities established by the LIRR's Power Department.

Units/Locations/Limits
This project will replace approximately nine negative reactors at various locations in LIRR electric territory.

Summary
This work includes the removal of existing third rail negative reactors and the installation of new larger upgraded reactors, along with support pads and possible relocation of third rail cable ducts.

The budget for this project is \$3.20 million. This request is for \$2.10 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID M701-01-01
Project Name Locomotive Purchase	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project provides for the development of specification to contract a rolling stock manufacturer to design, manufacture, test, and deliver locomotives for Metro-North to begin replacing its Genesis locomotive fleet to address performance and reliability issues. The balance of the purchase will be made in the next capital program.

Units/Locations/Limits

The number of units is to be determined for East of Hudson Service in New York State.

Summary

This project provides for the development of specification to contract a rolling stock manufacturer to design, manufacture, test, and deliver locomotives for Metro-North.

The total project budget is \$236.22 million. This request is for \$234.34 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID M702-01-01
Project Name GCT Trainshed/Tunnel Structure	Planning Number / PIN
County/Borough: Manhattan	Zip Code

Object/Purpose of Project

This project will provide for the design of trainshed improvements in the Grand Central Terminal (GCT) complex, continuing priority repair work and replacement of the first superstructure segment.

Units/Locations/Limits

GCT complex consists of the terminal building plus a multi-level, subsurface trainshed spread over approximately 75 acres. Two underground train platform levels with 42 platform tracks were constructed between East 45th Street and East 51st Street, along with a 10-track approach area between East 51st and East 57th streets.

Summary

The GCT trainshed occupies an approximate area bounded by Madison and Lexington Avenues between 43rd and 50th Streets, and by Park Avenue building lines between 50th and 57th Streets. GCT includes 44 operating tracks, 47 platforms and a myriad of railroad utilities and City-owned and private utilities that support the railroad, the City and buildings above the trainshed. The 2010-2014 Capital Program included a full consultant structural inspection, analysis and evaluation of the trainshed and platforms and also the Park Avenue Tunnel. The report of the inspection findings and assessments of the trainshed, expansion joints, platforms and tunnel prioritized the repairs most in need of proceeding. Despite investment, the trainshed continues to deteriorate because of continued water infiltration. The primary root cause of structural deterioration is exposure to water at expansion joints, ventilation gratings, curb lines, planters, utility lines and utility vaults. The way to fix is to replace much of the structure and restore leak protection.

The budget for this project is \$68.00 million. This request is for \$28.70 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID M702-01-08
Project Name Mentoring -GCT	Planning Number / PIN
County/Borough: Manhattan	Zip Code

Object/Purpose of Project
Metro-North will make investments in Grand Central Terminal as part of the MTA's Small Business Development Program (SBDP), supporting planned work to be undertaken in the 2015-2019 Capital Program. Areas of investment may include, but are not limited to, components within the Terminal, such as platform repairs, utilities, etc.

Units/Locations/Limits
Grand Central Terminal.

Summary
This project makes SBDP investments in support of planned 2015-2019 Capital Program investments in Grand Central Terminal.

The budget for this project is \$6.00 million. This request is for \$6.00 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID M702-02-04
Project Name Harlem Line Station Improvements	Planning Number / PIN
County/Borough: Westchester	Zip Code

Object/Purpose of Project

As part of a recently completed station condition assessment, structural deficiencies have been identified at Scarsdale and Hartsdale on the Metro-North Harlem Line. This project will provide construction improvements that will replace the existing platforms at both stations with new platforms, install 3 elevators (two at Hartsdale and one at Scarsdale) and one ramp (at Scarsdale), rebuild two ramps (one each at Scarsdale and Hartsdale) install a snow melting system at both stations, and install customer service information systems in accordance with Metro-North's Customer Service Initiative Program (CSI).

Units/Locations/Limits

Metro-North Harlem Line Hartsdale and Scarsdale Stations, Westchester County New York.

Summary

This project includes the assessment, design and construction to remediate priority repairs at the Hartsdale and Scarsdale stations on the Harlem Line. This project will address priority repairs and action items identified in the station assessments. The focus of the project is on completing safety critical priority repairs with the goal of extending the useful life of a number of station elements.

The budget for this project is \$64.20 million. This request is for \$60.41 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID M702-02-09
Project Name Mentoring Program – Stations	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
Metro-North will make investments in outlying stations as part of the MTA's Small Business Development Program (SBDP), supporting planned work to be undertaken in the 2015-2019 Capital Program. Areas of investment may include, but are not limited to, platform surfaces, platform edges, staircases, and other station components exhibiting some deterioration needing priority repair.

Units/Locations/Limits
Select Metro-North Railroad locations system-wide.

Summary
This project makes SBDP investments in support of planned 2015-2019 Capital Program investments in select outlying stations system-wide.

The budget for this project is \$16.0 million. This request is for \$5.83 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency

Metro-North Railroad

ACEP ID

M702-03-01

Project Name

Strategic Facilities Upper Harlem Parking Improvements Croton Falls

Planning Number / PIN

County/Borough: Westchester

Zip Code

Object/Purpose of Project

The purpose of this project is to improve station access in the Croton Falls/Purdy's areas on the Upper Harlem Line. This project will design and construct up to a 450 space surface lot with connecting sidewalk to the existing sidewalk on the station side of the Croton Falls Road/RT 202 intersection.

Units/Locations/Limits

Up to 450 additional parking spaces Croton Falls New York, Westchester County.

Summary

This project will provide improved station access and expand existing railroad parking facilities at select stations on the Upper Harlem Line in Westchester County. This project will construct up to 450 additional parking spaces for Metro-North customers that use the parking facilities at Croton Falls, Purdy's and Goldens Bridge. The project will improve safety by eliminating unsafe roadside parking for customers at these locations.

The budget for this project \$16.50 million. The request is \$6.30 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID M702-03-02
Project Name Mentoring Program – Strategic Facilities	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
Metro-North will make investments in strategic facilities and parking as part of the MTA's Small Business Development Program (SBDP), supporting planned work to be undertaken in the 2015-2019 Capital Program. Areas of investment may include, but are not limited to, station area opportunities to improve parking facilities and rail access.

Units/Locations/Limits
Select Metro-North Railroad locations system-wide.

Summary
This project supports planned 2015-2019 Capital Program strategic facilities investments.

The budget for this project is \$3.0 million. This request is for \$2.0 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID M603-02-12
Project Name Overhead Bridge Program - East of Hudson	Planning Number / PIN
County/Borough: Westchester	Zip Code

Object/Purpose of Project
This project provides for the rehabilitation or replacement of overhead bridges East of Hudson that are in critical states of repair.

Specifically, this project will provide for the superstructure replacement and substructure rehabilitation of the closed 10th Avenue bridge over Metro-North Railroad in the City of Mount Vernon. The construction includes the replacement of the existing timber deck vehicular bridge with a new redundant multi-stringer bridge supporting a concrete deck. . The top portions of the existing abutments will be modified to accommodate the new superstructure. The bridge approach work will include paving, sidewalks, signal intersection, utility work and architectural upgrades such as decorative planters, benches and sidewalk finishes.

Units/Locations/Limits
Bridge NH13.31 10th Avenue, Mt Vernon NY.

Summary
This project will consist of the replacement of the superstructure and rehabilitation of the substructure of the 10th Avenue Bridge (NH 13.31).

The budget for this project is \$19.15 million. The request is for \$12.60 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID M703-01-03
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. Slope Inspection was initiated in 1998 after a rock fall event on the Hudson Line caused a derailment to a revenue train. Since then, detailed inspections of rock slopes paralleling the Hudson, Harlem, New Haven and Port Jervis Lines in New York State have been conducted and a rating system has been established to justify remedial efforts.

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

Units/Locations/Limits

Various locations.

Summary

This project will provide for rockslope 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, shot-crete, field engineering services, installation of temporary facilities, and maintenance and protection of street traffic.

The budget for this project is \$18.62 million. This request is for \$4.33 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID M703-01-04
Project Name Turnouts: Mainline/High Speed	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

Select Metro-North Railroad locations system-wide.

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.

At some locations this project will provide for the replacement of turnouts that are approaching the end of their useful lives with high-speed turnouts. Diverting speeds are currently limited to 45 miles per hour. Replacement with high-speed turnouts will result in constant speeds for crossover moves, reduced travel time for Metro-North customers and greater scheduling flexibility for the railroad.

The budget for this project is \$51.47 million. This request is for \$16.80 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID M703-01-05
Project Name GCT Turnouts/Switch Renewal	Planning Number / PIN
County/Borough: Manhattan	Zip Code

Object/Purpose of Project

This program identifies platform tracks that need to be rehabilitated to remain in a state of good repair. The project also maintains Metro-North switches in a constant state of good repair ensuring that the terminal operation does not deteriorate due to the constant traffic in Grand Central Terminal.

Units/Locations/Limits

Various locations within Grand Central Terminal.

Summary

The high level of traffic and tight configurations within Grand Central Terminal causes accelerated wear of track switches. This project is a continuation of the annual renewal of switches within the terminal and tracks within the platform areas.

The budget for this project is \$24.93 million. This request is for \$3.38 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID M703-01-09
Project Name Purchase of 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.

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 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 \$22.06 million. This request is for \$10.00 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID M703-01-12
Project Name 2019 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. 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.

Units/Locations/Limits

Metro-North Railroad 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 \$24.70 million. This request is for \$24.70 million.

Proposed Program of Projects Federal Fiscal Year 2019

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

Object/Purpose of Project
This project provides for the rehabilitation or replacement of overhead bridges East of Hudson in critical states of repair.

Units/Locations/Limits
Bridge repairs will be included at select locations throughout the Hudson, Harlem and New Haven Lines as well as the replacement of the Third Avenue Bridge NH13.66, Sixth Avenue Bridge NH13.51, Fulton Avenue NH14.07, and Tenth Avenue Bridge NH13.31, Mt Vernon, New York.

Summary
This project is a continuation of bridge work initiated in previous capital programs. Metro-North will continue to repair or replace bridges listed in serious to critical states of repair and over 100 years old.

The budget for this project is \$66.01 million. The request is for \$10.83 million.

Proposed Program of Projects Federal Fiscal Year 2019

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 bridges located on the Harlem, Hudson and New Haven Lines.

Units/Locations/Limits
Various bridges located on the Harlem, Hudson and New Haven lines including superstructure repair of the bridge and fender (pier protection at waterline) repair at the Harlem River Lift Bridge HU4.69, and repair of the HU 4.82 pier (north approach to lift bridge) in New York.

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

The budget for this project is \$61.91 million. This request is for \$16.70 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID M703-02-09
Project Name Harlem River Lift Bridge	Planning Number / PIN
County/Borough: Bronx	Zip Code

Object/Purpose of Project
The purpose of this project is to continue the state of good repair/needs replacement investments on the Harlem River Lift Bridge.

Units/Locations/Limits
Four piers (Piers B, C, D and E) on the Harlem River Lift Bridge and at approach spans to the Bronx and Manhattan side towers.

Summary
This project will repair four piers on the Harlem River Lift Bridge and at one location on the approach spans to the Bronx Side. The cracks on the bridge piers (Piers B, C, D and E) are located in the Harlem River. This project includes inspection of all underwater substructure units and Manhattan fender, inspection and design of the safety flag condition at the Manhattan Tower and Bronx Tower. The project further provides aerial beacon to comply with FAA rules, railing and fall protection, lightning protection of the towers, and inspection and design to remove the red structural flags at pier 3 and pier 7 of Bridge HU 4.82 on the north approach to the HRLB.

The budget for this project is \$10.00 million. The request is for \$7.95 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID M703-02-13
Project Name DC Substation/Signal House Roof Replacement	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

This project provides for rebuilding and/or replacement of deteriorated roofing systems and other structural components at substations and signal houses on the Harlem, Hudson, and New Haven Lines.

Units/Locations/Limits

Various signal houses/substations on Hudson Line and Harlem Line in New York State

Summary

Rebuilding the roofs will minimize the risk of water damage to the electrical equipment contained in the substations or the signal equipment in the signal houses. This project will maintain a dry climate for reliable and safe operation of traction and wayside signal equipment.

The budget for this project is \$5.00 million. The request is for \$5.00 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID M703-02-15
Project Name Mentoring Program - Structures	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project
Metro-North will make line structure component investments as part of the MTA's Small Business Development Program (SBDP), supporting planned work to be undertaken 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
Select Metro-North Railroad locations system-wide.

Summary
This project makes SBDP investments in support of planned 2015-2019 Capital Program investments in select line structures components system-wide.

The budget for this project is \$6.00 million. This request is for \$6.00 million.

Proposed Program of Projects Federal Fiscal Year 2019

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

Object/Purpose of Project
This project will perform replacement/repair work on various bridges located West of Hudson

Units/Locations/Limits
Various locations on the Port Jervis Line, West of Hudson including:
JS42.77 Ramapo River
JS47.19 Stream (arch bridge)
JS47.53 Estrada Road - North of Harriman Station
JS47.88 Smith Clove Rd - North of Harriman Station
JS66.40 O&W Truss - Campbell Hall Station
JS62.00 Route 208 -Btwn Cornwall Salisbury & Campbell Hall
JS58.64 Toleman Rd - North of Cornwall Salisbury Mills
JS61.56 Twin Arch Rd - Btwn Cornwall Salisbury & Campbell Hall

Summary
This project will replace and/or rehabilitate bridges and various structures not in a state of good repair on the Port Jervis Line. There are approximately 80 undergrade bridges on the Port Jervis Line. This project provides for the continuing renewal of structures determined as priorities based on condition assessments.

The budget for this project is \$15.00 million. This request is for \$9.88 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency	ACEP ID
Metro-North Railroad	M703-03-04
Project Name	Planning Number / PIN
Moodna/Woodbury Viaducts (including timbers/walkways)	
County/Borough: Orange	Zip Code

Object/Purpose of Project

The purpose of this project is to make needed repairs on two major structures – Woodbury and Moodna Viaducts – located on the Port Jervis Line.

Units/Locations/Limits

This project will provide for the tie/timber replacement of approximately 3,000 ties on the Moodna Viaduct and 600 ties on the Woodbury Viaduct.

Summary

This project will progress the rehabilitation of the Moodna and Woodbury viaducts with tie/timber replacement work.

- 50.17 JS, Woodbury Viaduct, crosses over State Route 32 and Woodbury Creek (aka Bonny Brook) and is located between Harriman Station and the Salisbury Mills/Town of Cornwall Station. It is a 559 foot long riveted steel deck girder bridge supported by steel bents, and has 10 spans.

- 55.03 JS, Moodna Viaduct, crosses over the Moodna Creek valley, Route 94 and Orrs Mills Road and Otterkill Road. It lies east of the Salisbury Mills/Town of Cornwall Station. It is a 3,200 foot long riveted steel deck girder bridge supported atop steel bents, and has 53 spans. Priority repairs were made in the previous capital program on both viaducts. This project will continue with tie/timber replacements on both viaducts. Continued investment in the Moodna and Woodbury Viaducts ensures the continued safe operation of and uninterrupted train service on the Port Jervis Line main line service tracks connecting Hoboken - Harriman to Salisbury Mills – Cornwall and Port Jervis.

The budget for this project is \$14.00 million. This request is for \$9.75 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID M704-01-02
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 and communication systems and infrastructure including communication and signal Central Instrument Locations (CILs) and fiber optic and copper cable system.

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).

The budget for this project is \$87.14 million. The request is for \$29.84 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID M705-01-03
Project Name Replace AC Circuit Breaker/Switchgear	Planning Number / PIN
County/Borough: Westchester	Zip Code

Object/Purpose of Project

This project will replace the alternating current (AC) switchgear along with the circuit breakers, grounding devices, protective relays, control relays, and associated connecting components in substations.

Units/Locations/Limits

North White Plains – South (B-23) and North White Plains – North (B-24) substations.

Summary

This project will replace the AC switchgear along with the circuit breakers, grounding devices, protective relays, control relays, and associated connecting components that have exceeded their useful lives. This equipment is used to safely distribute utility power to other components within the substation, namely the main traction transformers.

The budget for this project is \$3.90 million. This request is for \$3.90 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID M705-01-10
Project Name Park Avenue Tunnel Initiative	Planning Number / PIN
County/Borough: Manhattan	Zip Code

Object/Purpose of Project

This project will improve the efficiency and safety of train operations in the Park Avenue Tunnel (PAT). Upgrading the third rail traction power delivery system, improve existing Tunnel alarm system and upgrade the tunnel lighting.

Units/Locations/Limits

Park Avenue Tunnel.

Summary

This project will upgrade the third rail traction power delivery system from its present all-steel design to one incorporating fiberglass brackets and aluminum 3rd rail. Improvements to the existing alarm system by providing a new rugged hard wired internal communications system. Improvements to the tunnel lighting include replace and renew lighting, all conduit, infrastructure and luminaries in the tunnel.

The budget for this project is \$22.00 million. This request is for \$22.00 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID M706-01-05
Project Name Mentoring Program – Shops and Yards	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

Metro-North will make investments in shop and yard components as part of the MTA's Small Business Development Program (SBDP), supporting planned work to be undertaken in the 2015-2019 Capital Program. Areas of investment may include, but are not limited to, shop/yard components which are at or beyond their useful lives and will be coordinated with work at the Harmon Shop and Yard Facility in Croton, NY.

Units/Locations/Limits

Harmon Shop and Yard Facility.

Summary

This project makes SBDP investments in support of planned 2015-2019 Capital Program shop and yard investments.

The budget for this project is \$8.00 million. This request is for \$2.87 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID 882218
Project Name Haverstraw-Ossining Ferry	Planning Number / PIN
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The Haverstraw-Ossining Ferry Service began in 2000 and since its inception it has helped to alleviate the demand for parking at the Tarrytown station and continues to ease traffic congestion over the Tappan Zee 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 Tappan Zee 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 in place when the ferry is not scheduled to operate. Daily ridership average is 391 customers.

The estimated operating cost for service is \$4.94 million. The request is for \$1.92 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency Metro-North Railroad	ACEP ID 882315
Project Name Newburgh-Beacon Ferry	Planning Number / PIN
County/Borough: Multiple	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 222 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 \$3.84 million. The request is for \$1.49 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency MTA Bus	ACEP ID U7030215
Project Name Project Administration 2015 - 2019	Planning Number / PIN SF01-2588
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this project is to provide project administration to support the federally funded projects in the 2015 - 2019 Capital Program.

Units/Locations/Limits
Multiple

Summary
Administrative activities under this project will provide continuing support for the implementation of federally funded projects within the 2015 - 2019 Capital Program.

The estimated cost for this project is \$10.5M, of which the federal amount will be \$8.4M.

Proposed Program of Projects Federal Fiscal Year 2019

Agency MTA Bus	ACEP ID U7030216
Project Name Design/Engineering Management Services 2015 - 2019	Planning Number / PIN SF01-2589
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this project is to provide design/engineering management services for the federally funded projects in the 2015 - 2019 Capital Program.

Units/Locations/Limits
Multiple

Summary
Under this project, design/engineering services will be provided for the federally funded projects within the 2015 - 2019 Capital Program.

The estimated cost for this project is \$3.4M, of which the federal amount will be \$2.7M.

Proposed Program of Projects Federal Fiscal Year 2019

Agency MTA Bus	ACEP ID U7030217
Project Name Construction Management Services 2015 - 2019	Planning Number / PIN SF01-2590
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this project is to provide construction management services to support the federally funded projects in the 2015 - 2019 Capital Program that are in construction.

Units/Locations/Limits
Multiple

Summary
Under this project, construction management services will be provided for the federally funded projects within the 2015 - 2019 Capital Program that are in construction.

The estimated cost for this project is \$3.4M, of which the federal amount will be \$2.7M.

Proposed Program of Projects Federal Fiscal Year 2019

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

Object/Purpose of Project

This project will provide for Pre-Design for Penn Station Access.

Units/Locations/Limits

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

Summary

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

This request is for \$15.6 million (\$12.5 million federal, \$3.1 million local).

Proposed Program of Projects Federal Fiscal Year 2019

Agency Capital Construction	ACEP ID G7110102
Project Name Penn Station Access - Program Management	Planning Number / PIN
County/Borough: Manhattan	Zip Code

Object/Purpose of Project

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

Units/Locations/Limits

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

Summary

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

This request is for \$9.3 million (\$7.4 million federal, \$1.9 million local).

Proposed Program of Projects Federal Fiscal Year 2019

Agency Capital Construction	ACEP ID G7110103
Project Name PSA: Construction Management	Planning Number / PIN
County/Borough: Manhattan	Zip Code

Object/Purpose of Project

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

Units/Locations/Limits

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

Summary

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

This project will provide for Construction Management services.

This request is for \$31.1 million (\$24.9 million federal, \$6.2 million local).

Proposed Program of Projects Federal Fiscal Year 2019

Agency Capital Construction	ACEP ID G7110107
Project Name PSA: Stations	Planning Number / PIN
County/Borough: Manhattan	Zip Code

Object/Purpose of Project

This project will provide for the station construction for Penn Station Access.

Units/Locations/Limits

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

Summary

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

This project will provide for the initiation of station construction.

This request is for \$136.8 million (\$109.4 million federal, \$27.4 million local).

Proposed Program of Projects Federal Fiscal Year 2019

Agency Capital Construction	ACEP ID G7110108
Project Name PSA: Shops & Yards	Planning Number / PIN
County/Borough: Manhattan	Zip Code

Object/Purpose of Project

This project will provide for the construction of Shops and Yards for Penn Station Access.

Units/Locations/Limits

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

Summary

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

This project will provide for the initiation of construction of Shops and Yards.

This request is for \$30.6 million (\$24.48 million federal, \$6.12 million local).

Proposed Program of Projects Federal Fiscal Year 2019

Agency Capital Construction	ACEP ID G7110109
Project Name PSA: Rolling Stock Specification	Planning Number / PIN
County/Borough: Manhattan	Zip Code

Object/Purpose of Project
This project will provide for the development of specification for the procurement of Rolling Stock for Penn Station Access.

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

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

This project will provide for the development of specifications for the procurement of Rolling Stock for Penn Station Access.

This request is for \$4.9 million (\$3.92 million federal, \$0.98 million local).

Proposed Program of Projects Federal Fiscal Year 2019

Agency Capital Construction	ACEP ID G7110110
Project Name Penn Station Access –General Engineering Consultant	Planning Number / PIN
County/Borough: Manhattan	Zip Code

Object/Purpose of Project

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

Units/Locations/Limits

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

Summary

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

This project will provide for a General Engineering Consultant for Penn Station Access. The base contract is for preliminary design. There are options that provide for either: (1) preparation of a Basis of Design and performance specifications, as well as provision of procurement and general project services through the award of a design-build contract, plus construction phase services; or (2) final design services and procurement and general project support services through the award of multiple construction contracts., as well as construction phase services.

This request is for \$102.5 million (\$82.0 million federal, \$20.5 million local).

Proposed Program of Projects Federal Fiscal Year 2019

Agency Capital Construction	ACEP ID G7110111
Project Name Penn Station Access – Design Support	Planning Number / PIN
County/Borough: Manhattan	Zip Code

Object/Purpose of Project

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

Units/Locations/Limits

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

Summary

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

This request is for \$15.5 million (\$12.4 million federal, \$3.1 million local).

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7030206
Project Name Purchase 50 Express Buses	Planning Number / PIN SF02-2453
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this project is to replace deficient express buses.

Units/Locations/Limits
50 buses, for use on express bus routes system wide.

Summary
This project will purchase 50 express over-the-road buses. These buses will replace over-age and end-of-life buses, and meet modest forecast ridership growth for the period of 2015-2020.

The budget for this project is \$38.81 million. The request is for \$38.81 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID ET040327
Project Name Sandy Mitigation: 138 St - Gr Concourse/JER (Vent Battery A)	Planning Number / PIN ST01-6145
County/Borough: Bronx	Zip Code 10451

Object/Purpose of Project

The purpose of this project is to rehabilitate Vent Battery A at the 138th Street-Grand Concourse Station on the Jerome Line in the Bronx. In addition, mechanical closure devices (MCD) will be provided as part of flood mitigation.

Units/Locations/Limits

Vent bay components and MCDs at Vent Battery A, 138th Street-Grand Concourse Station, Jerome Line, Bronx.

Summary

This project will rehabilitate Vent Battery A at the 138th Street-Grand Concourse Station, including: Demolition of the existing ventilator bay structure and components, Rebuilding the structure and Installation of mechanical closure devices (MCDs) for flood water mitigation.

The budget for this project is \$5.50 million. The request is for \$5.50 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7040705
Project Name Replace 2 Hydraulic Elevators at Borough Hall / Clark Street	Planning Number / PIN MW48-2044
County/Borough: Brooklyn	Zip Code 11201

Object/Purpose of Project
The purpose of this project is to replace deficient elevators to improve reliability and accessibility.

Units/Locations/Limits
2 elevators to be replaced at street and mezzanine to platform levels, Borough Hall Station, Clark Street Line, Brooklyn.

Summary
This project will replace 2 Americans with Disabilities (ADA) compliant elevators at Borough Hall Station on the Clark Street Line. Work will include replacement of existing elevator cars with operating panels, electrical panels, communications system, smoke and fire detection system, hydraulic piston and cylinder, traveling cable, guide rail, sump pump and drainage system and car safety devices.

The budget for this project is \$16.51 million. The request is for \$16.51 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7040707
Project Name Replace 7 Escalators / Various (Bronx & Manhattan)	Planning Number / PIN MW03-2060
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to replace 7 existing escalators at 3 locations because their age and condition have a significant negative impact on their reliability and availability. Their replacement is necessary to continue providing reliable customer.

Units/Locations/Limits

7 escalators at the following stations: 4 at Lexington Avenue/53rd Street Station, Queens Boulevard Line, 2 at Roosevelt Avenue Station, 63rd Street Line, Manhattan and 1 at Intervale Avenue Station, White Plains Road Line, Bronx.

Summary

This project will replace existing

- Escalator Controllers,
- Status Monitoring System,
- Electrical Panels,
- Communications Systems,
- Closed Circuit Television (CCTV) System,
- Smoke and Fire Detection System and
- Provide Ethernet connection between Status Monitor and Elevator and Escalator (E&E) Control Center.

The budget for this project is \$42.23 million. The request is for \$42.23 million.

Proposed Program of Projects Federal Fiscal Year 2019

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 project is to replace 2 existing escalators at 1 location because the equipment has reached the end of its useful life. Their replacement is necessary to continue providing reliable customer service, which includes facilitating vertical intra-station access for customers with mobility impairments.

Units/Locations/Limits

2 escalators at Pelham Parkway Station, White Plains Road Line, Bronx.

Summary

This project will replace existing

- Escalator Controllers,
- Status Monitoring System,
- Electrical Panels,
- Communications Systems,
- Closed Circuit Television (CCTV) System,
- Smoke and Fire Detection System and
- Provide Ethernet connection between Status Monitor and Elevator and Escalator (E&E) Control Center.

The budget for this project is \$15.28 million. The request is for \$15.28 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7040709
Project Name Replace 9 Escalators / Various	Planning Number / PIN MW03-2062
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to replace 9 existing escalators at 4 locations because the equipment has reached the end of its useful life. Their replacement is necessary to continue providing reliable customer service, which includes facilitating vertical intra-station access for customers with mobility impairments.

Units/Locations/Limits

9 escalators at the following stations: 1 at 125th Street Station, Broadway-7th Avenue Line, Manhattan, 3 at 181st Street Station, 8th Avenue Line, Manhattan, 2 at Pelham Bay Parkway Station, Pelham Line, Bronx, and 3 at Broadway Junction, Fulton Line/Jamaica Line in Brooklyn.

Summary

This project will replace existing

- Escalator Controllers,
- Status Monitoring System,
- Electrical Panels,
- Communications Systems,
- Closed Circuit Television (CCTV) System,
- Smoke and Fire Detection System and
- Provide Ethernet connection between Status Monitor and Elevator and Escalator (E&E) Control Center.

The budget for this project is \$43.71 million. The request is for \$43.71 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7040711
Project Name Replace 2 Hydraulic Elevators: Franklin Avenue / Shuttle	Planning Number / PIN MW48-6184
County/Borough: Brooklyn	Zip Code 11238

Object/Purpose of Project
The purpose of this project is to replace deficient elevators to improve reliability and accessibility.

Units/Locations/Limits
2 elevators to be replaced at on the northbound and southbound sides, Franklin Avenue Station on the Franklin Avenue Shuttle, Brooklyn.

Summary
This project will replace 2 Americans with Disabilities (ADA) compliant elevators at Franklin Avenue Station on the Franklin Avenue Shuttle. Work will include replacement of existing elevator cars with operating panels, electrical panels, communications system, smoke and fire detection system, hydraulic piston and cylinder, traveling cable, guide rail, sump pump and drainage system and car safety devices.

The budget for this project is \$15.14 million. The request is for \$15.14 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7040712
Project Name Replace 3 Escalators: Flushing- Main Street / Flushing	Planning Number / PIN MW03-6183
County/Borough: Queens	Zip Code 11354

Object/Purpose of Project

The purpose of this project is to replace 3 existing escalators at 1 location Their replacement is necessary to continue providing reliable customer service, which includes facilitating vertical intra-station access for customers with mobility impairments.

Units/Locations/Limits

3 escalators at Flushing-Main Street Station, Flushing Line, Queens.

Summary

This project will fully replace three escalators, including existing:

- Escalator Controllers
- Status Monitoring System
- Electrical Panels
- Communications Systems
- Closed-circuit television (CCTV) System
- Smoke and Fire Detection System and
- Provide Ethernet connection between Status Monitor and the Elevator and Escalator (E&E) Control Center.

The budget for this project is \$20.31 million. The request is for \$20.31 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7040713
Project Name Replace 7 Escalators/ Various(Brooklyn & Manhattan)	Planning Number / PIN MW03-6182
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to replace 7 existing escalators at 4 locations because their age and condition have a significant negative impact on their reliability and availability. Their replacement is necessary to continue providing reliable customer service, which includes facilitating vertical intra-station access for customers with mobility impairments.

Units/Locations/Limits

7 escalators at the following stations: 1 at Bowling Green Station, Lexington Line, Manhattan, 4 at High Street Station, 8th Avenue Line, Brooklyn, and 2 at Smith Street St-9th Street Station, 6th Avenue Line, Brooklyn.

Summary

This project will replace existing

- Escalator Controllers,
- Status Monitoring System,
- Electrical Panels,
- Communications Systems,
- Closed Circuit Television (CCTV) System,
- Smoke and Fire Detection System and
- Provide Ethernet connection between Status Monitor and Elevator and Escalator (E&E) Control Center.

The budget for this project is \$32.95 million. The request is for \$32.95 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7040714
Project Name Replace One Hydraulic Elevator at GC / Flushing	Planning Number / PIN MW48-2044
County/Borough: Manhattan	Zip Code 10017

Object/Purpose of Project

The purpose of this project is to replace deficient elevators to improve reliability and accessibility.

Units/Locations/Limits

1 elevator to be replaced from mezzanine to platform level, Grand Central Station on the Flushing Line, Manhattan.

Summary

This project will replace 1 Americans with Disabilities (ADA) compliant elevator at Grand Central Station on the Flushing Line. Work will include replacement of the existing elevator car with operating panels, electrical panels, communications system, smoke and fire detection system, hydraulic piston and cylinder, traveling cable, guide rail, sump pump and drainage system and carsafety devices.

The budget for this project is \$10.58 million. The request is for \$10.58 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7041231
Project Name Station Lighting: 5 Locations / Various [SBMP]	Planning Number / PIN ST21-3510
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to upgrade station lighting at 5 locations in Manhattan and the Bronx.

Units/Locations/Limits

Station lighting components at the following stations: Canal Street Station (lower) on the Broadway Line, Grand Central Station on the Times Square Shuttle, Manhattan, Longwood Avenue Station on the Pelham Line, 149th Street - Grand Concourse on the Jerome Avenue Line, and Dyre Avenue on the Dyre Avenue Line, Bronx.

Summary

This project will replace qualifying deficient incandescent and fluorescent lighting fixtures with retrofit LED fixtures on the mezzanines, control areas, entrances and passageways. LED lighting will improve lighting levels, be more aesthetically pleasing and provide significant savings per station per year due to less maintenance and a reduced life cycle cost compared to fluorescent fixtures. For fixture enclosures that are severely damaged, new LED fixtures will be used. Vandal-resistant fixtures, including emergency DC fixtures, will be installed in accordance with the Station Planning and Design Guidelines. This project is a part of the Small Business Mentoring Program.

The budget for this project is \$5.36 million. The request is for \$5.36 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7041232
Project Name Station Ventilators: Various Locs: Ph 1	Planning Number / PIN ST21-6220
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to repair ventilators at various locations.

Units/Locations/Limits

Ventilator components at locations to be determined pending completion of field surveys.

Summary

This project will repair ventilators at various locations; work will vary by station and will include:

- ventilator gratings,
- the adjacent sidewalk,
- ventilator walls,
- steel members,
- drip pans, and
- drains.

All deficiencies of the selected components within the stations will be eliminated.

The budget for this project is \$8.05 million. The request is for \$8.05 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7041248
Project Name Ventilators at Various Locations: Ph 2	Planning Number / PIN ST21-6221
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to repair ventilators at various locations.

Units/Locations/Limits

Ventilator components at locations to be determined pending completion of field surveys.

Summary

This project will repair ventilators at various locations; work will vary by station and will include:

- ventilator gratings,
- the adjacent sidewalk,
- ventilator walls,
- steel members,
- drip pans, and
- drains.

All deficiencies of the selected components within the stations will be eliminated.

The budget for this project is \$8.39 million. The request is for \$8.39 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7041264
Project Name Ventilators at Various Locations: Ph 3	Planning Number / PIN ST21-6222
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this project is to repair ventilators at various locations.

Units/Locations/Limits
Ventilator components at locations to be determined pending completion of field surveys.

Summary
This project will repair ventilators at various locations; work will vary by station and will include:

- ventilator gratings,
- the adjacent sidewalk,
- ventilator walls,
- steel members,
- drip pans, and
- drains.

All deficiencies of the selected components within the stations will be eliminated.

The budget for this project is \$8.72 million. The request is for \$8.72 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7041274
Project Name Station Lighting: 8 Locations / Various [SBMP]	Planning Number / PIN ST21-3750
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to upgrade station lighting at 8 locations in Manhattan and the Bronx.

Units/Locations/Limits

Station lighting components at the following stations: 145th Street, 14th Street, Houston Street, and Franklin Street Stations on the Broadway-7th Avenue Line, Dyckman Street- 200th Street and 168th Street Stations on the 8th Avenue Line, Roosevelt Island Station on the 63rd Street Line, Manhattan, and Gun Hill Road Station on the White Plains Road Line, Bronx.

Summary

This project will replace qualifying deficient incandescent and fluorescent lighting fixtures with retrofit LED fixtures on the mezzanines, control areas, entrances and passageways. LED lighting will improve lighting levels, be more aesthetically pleasing and provide significant savings per station per year due to less maintenance and a reduced life cycle cost compared to fluorescent fixtures. For fixture enclosures that are severely damaged, new LED fixtures will be used. Vandal-resistant fixtures, including emergency DC fixtures, will be installed in accordance with the Station Planning and Design Guidelines. This project is a part of the Small Business Mentoring Program.

The budget for this project is \$7.66 million. The request is for \$7.66 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7041275
Project Name Ventilators at Various Locations: Ph 4	Planning Number / PIN ST21-6223
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to repair ventilators at various locations.

Units/Locations/Limits

Ventilator components at locations to be determined pending completion of field surveys.

Summary

This project will repair ventilators at various locations; work will vary by station and will include:

- ventilator gratings,
- the adjacent sidewalk,
- ventilator walls,
- steel members,
- drip pans, and
- drains.

All deficiencies of the selected components within the stations will be eliminated.

The budget for this project is \$9.72 million. The request is for \$9.72 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7041286
Project Name Station Lighting: 3 Locations / 8AV, WPR [SBMP]	Planning Number / PIN ST21-3755
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to upgrade station lighting at 3 locations in Manhattan and the Bronx.

Units/Locations/Limits

Station lighting components at the following stations: 50th Street Station on the 8th Avenue Line, Manhattan, and 149th Street -3rd Avenue and 149th Street - Grand Concourse Stations on the White Plains Road Line, Bronx.

Summary

This project will replace qualifying deficient incandescent and fluorescent lighting fixtures with retrofit LED fixtures on the mezzanines, control areas, entrances and passageways. LED lighting will improve lighting levels, be more aesthetically pleasing and provide significant savings per station per year due to less maintenance and a reduced life cycle cost compared to fluorescent fixtures. For fixture enclosures that are severely damaged, new LED fixtures will be used. Vandal-resistant fixtures, including emergency DC fixtures, will be installed in accordance with the Station Planning and Design Guidelines. This project is a part of the Small Business Mentoring Program.

The budget for this project is \$5.53 million. The request is for \$5.53 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7041315
Project Name ADA: 149 Street - Grand Concourse Complex	Planning Number / PIN ST04-4710
County/Borough: Bronx	Zip Code 10451

Object/Purpose of Project

The purpose of this project is to provide full Americans with Disabilities (ADA) accessibility at the 149th Street-Grand Concourse Complex on the Jerome and White Plains Road Lines in the Bronx.

Units/Locations/Limits

149th Street-Grand Concourse Complex, Jerome and White Plains Road Lines, Bronx.

Summary

This project will provide full Americans with Disabilities (ADA) accessibility at the 149th Street-Grand Concourse Complex on the Jerome and White Plains Road Lines in the Bronx. Work may include modification of any of the following: platforms, gates, agent booth windows, handrails, Customer Information Screens, public toilets and ramps and elevators, as needed.

The budget for this project is \$85.00 million. The request is for \$85.00 million.

Proposed Program of Projects Federal Fiscal Year 2019

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

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

Units/Locations/Limits
Woodhaven Boulevard Station, Jamaica Line, Queens.

Summary
This project will provide full Americans with Disabilities (ADA) accessibility at Woodhaven Boulevard Station on the Jamaica Line in Queens. Work may include modification of any of the following: platforms, gates, agent booth windows, handrails, Customer Information Screens, public toilets and ramps and elevators, as needed.

The budget for this project is \$35.00 million. The request is for \$35.00 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7041319
Project Name ADA: Livonia / Canarsie	Planning Number / PIN ST04-6217
County/Borough: Brooklyn	Zip Code 11212

Object/Purpose of Project
The purpose of this project is to provide full Americans with Disabilities (ADA) accessibility at Livonia Avenue Station on the Canarsie Line in the Borough of Brooklyn.

Units/Locations/Limits
Livonia Avenue Station, Canarsie Line, Brooklyn.

Summary
This project will provide full Americans with Disabilities (ADA) accessibility at Livonia Avenue Station on the Canarsie Line in the Borough of Brooklyn. Work may include modification of any of the following: platforms, gates, agent booth windows, handrails, Customer Information Screens, public toilets and ramps and elevators, as needed.

The budget for this project is \$14.60 million. The request is for \$14.60 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7050211
Project Name Continuous Welded Rail Installation - 2019	Planning Number / PIN MW44-6167
County/Borough: Multiple	Zip Code

Object/Purpose of Project

The purpose of this project is to reduce the number of broken rails in subway tracks and improve the condition of track plates and ties in subway tunnels by replacing jointed rail with welded rail.

Units/Locations/Limits

System-wide.

Summary

This project consists of the removal of existing jointed rail resting The work includes:

- Removal of the existing old obsolete plates and spikes in poor condition,
- Removal of existing jointed rail,
- Surface preparation of the existing ties or tie blocks, including plugging of the existing spike holes,
- Installation of new Resilient Rail Fasteners (RRF) or rolled steel plates with spring clips,
- Installation of new welded rail,
- Provision of all cable connections, track rail bonding, negative connections and feeder cables as required, and
- Provision of all associated signal and equipment work.

The budget for this project is \$35.85 million. The request is for \$35.85 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7050305
Project Name Replace Mainline Track Switches - 2019	Planning Number / PIN MW28-6164
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this project is to maintain a state of good repair by installing mainline track switches.

Units/Locations/Limits
System-wide.

Summary
This project will replace rack switches throughout the subway system. Locations will be determined by asset condition rating. Work will include replacement of existing turnouts, track switches, switch valves, connecting rails, contact rails, ties, ballast, signal cable including positive and negative connections, and any associated signal and equipment work.

The budget for this project is \$57.33 million. The request is for \$57.33 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID ET060330
Project Name Sandy Mitigation: 14 Fan Plants, LT - 1 Loc, FP 7204	Planning Number / PIN MW24-2915
County/Borough: Queens	Zip Code

Object/Purpose of Project
The purpose of this project is to provide long term coastal storm flood protection to the 50th Avenue Fan Plant in Queens.

Units/Locations/Limits
New police radio equipment room, pump panel room, and landing zone for deployable generator at 50th Avenue & 2nd Street Fan Plant (#7204), Steinway Tunnel, Queens.

Summary
This project will construct a new police radio equipment room, pump panel room, and landing zone for a deployable generator in Fan Plant #7204 that can withstand flooding in a storm event, thus protecting critical equipment. The pump panel room and capacity for a deployable generator will facilitate the continued operation of the 2 pump rooms in the Steinway Tunnel in the event of flooding.

The budget for this project is \$14.61 million. The request is for \$14.61 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7060505
Project Name Rehab Fan Plant Damper System - Various Locations	Planning Number / PIN MW24-2567
County/Borough: Multiple	Zip Code

Object/Purpose of Project
The purpose of this project is to inspect, repair, renovate and/or replace the damper systems and their associated components at 7 Fan Plants in the Boroughs of Brooklyn and Queens.

Units/Locations/Limits
Damper components at 7 Fan Plants in the following locations: Northern Boulevard and 36th Street, 37th Avenue and 72nd Street, 76th Drive and 77th Avenue, Queens and Willoughby Street North and South, Brooklyn.

Summary
This project calls for installing and redesigning new stainless dampers (latest standard), which will ensure that fan plants remain operational and are easier to maintain. Some locations may require replacing/repairing the linkages, replacing damaged/missing damper blades and replacing actuators. The work shall include but not be limited to: providing the necessary civil / structural work for the repairing and rehabilitation of dampers, cleaning each vent bay of debris, cleaning, repairing or replacing drain covers and drain lines, and furnishing and installing dampers, actuators, conduits, wires, relays and fuses in the Supervisory Control Cabinet and communications equipment.

The budget for this project is \$56.86 million. The request is for \$56.86 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7060508
Project Name Rehab 1 Pump Room : Rockwell Place North / 4 Av	Planning Number / PIN MW19-6556
County/Borough: Brooklyn	Zip Code 11217

Object/Purpose of Project
The purpose of this project is to bring pump room #1026 at Rockwell Place North and 4th Avenue in the Borough of Brooklyn to a state of good repair, and decommission the existing pump room.

Units/Locations/Limits
Pump room #1026 at Rockwell Place North and 4th Avenue, Brooklyn.

Summary
This project will decommission the existing pump room and build a new one level pump room. Work will include the installation of new ductile iron discharge lines, gravity sewer connection, sewer line, normal and reserve electrical work, Motor Control and Supervisory Control Cabinets and 1-1500 gpm pump.

The budget for this project is \$35.00 million. The request is for \$35.00 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7070301
Project Name Elev Structural Rehab: Boston Rd-Abutment N. of 180th St-WPR	Planning Number / PIN MW64-1991
County/Borough: Bronx	Zip Code 10460

Object/Purpose of Project
The purpose of this project is to address critical structural component repairs on the White Plains Road Line in the Bronx.

Units/Locations/Limits
Elevated structure, from Boston Road to the East 180th Street abutment, White Plains Road Line, Bronx.

Summary
This project will rehabilitate select elevated structural components on the White Plains Road Line in the Bronx. Work may include repair/replacement of abutments, cap beams, structural steel members of elevated structures, and column bases.

The budget for this project is \$20.34 million. The request is for \$20.34 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7070305
Project Name Elevated Structures Repair (Over-land Sections) - RKY	Planning Number / PIN MW64-3775
County/Borough: Queens	Zip Code

Object/Purpose of Project

The purpose of this project is to rehabilitate the closed deck elevated structure from Hammels Wye to Far Rockaway and Rockaway Park on the Rockaway Line in Queens.

Units/Locations/Limits

Line structure components along the following segments of the Rockaway Line in Queens:
Hammels Wye to Mott Avenue, Hammels Wye to Rockaway Park.

Summary

This project will address deteriorated structural and water infiltration elements to achieve a state of good repair. Work may include repair of concrete and reinforcement of longitudinal girders and duct banks.

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

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7070308
Project Name Rehab Emergency Exits - Various Locs (3rd Party)	Planning Number / PIN MW22-3194
County/Borough: Manhattan	Zip Code 10065

Object/Purpose of Project
The purpose of this project is to rehabilitate two emergency exits to a state of good repair.

Units/Locations/Limits
Emergency Exits 021E and 021W at 59th Street Station, Lexington Avenue Line, Manhattan.

Summary
This project will rehabilitate two emergency exits by repairing/replacing corroded structural steel members, sealing water infiltration/leaks, repairing spalled and cracked concrete, stairs, doors, hatches and upgrading the lighting.

The budget for this project is \$9.40 million. The request is for \$9.40 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7070314
Project Name Line Structure Overcoating: Myrtle Avenue - DeSales Place / Jamaica	Planning Number / PIN MW62-7003
County/Borough: Brooklyn	Zip Code

Object/Purpose of Project

The purpose of this project is to make select structural component repairs and painting of elevated line structure along two miles of the Jamaica Line, from Myrtle Avenue to DeSales Place.

Units/Locations/Limits

Elevated structure along the Jamaica Line in Brooklyn, between Myrtle Avenue and DeSales Place.

Summary

This project will repair select deficient structural components and refresh paint coating to protect structures against structural deterioration. Work may include the following: repair or replacement of priority steel components such as track girders, columns, gusset plates, or related components and overcoat painting of all structural steel components and track-level structures to prevent corrosion.

The budget for this project is \$45.79 million. The request is for \$45.79 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7070317
Project Name Line Structure Overcoating: 48 Street - 72 St / Flushing	Planning Number / PIN MW62-1152
County/Borough: Queens	Zip Code

Object/Purpose of Project
The purpose of this project is to repair select elevated structural component repairs and painting on the Flushing Line in Queens between 48th Street and 72nd Street.

Units/Locations/Limits
Elevated structure along the Flushing Line in Queens, between 48th Street and 72nd Street.

Summary
This project will repair select deficient structural components and refresh paint coating to protect structures against structural deterioration. Work may include the following: repair or replacement of priority steel components such as track girders, columns, gusset plates, or related components and overcoat painting of all structural steel components and track-level structures to prevent corrosion.

The budget for this project is \$28.53 million. The request is for \$28.53 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7070320
Project Name Vents Between Stations: E 161 St - E 192 St / Concourse	Planning Number / PIN MW64-3781
County/Borough: Bronx	Zip Code 10451

Object/Purpose of Project
The purpose of this project is to repair vent gratings, frames, supporting members, drip pans, and drainage work along the Concourse Line in the Bronx.

Units/Locations/Limits
Vent bays between E 161 St - E 192 St Stations on the Concourse Line, Bronx.

Summary
This project will rehabilitate ventilation chambers with priority structural conditions, as part of a continuing program, to bring the vents and drip pans to a state of good repair.

The budget for this project is \$10.00 million. The request is for \$10.00 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7070323
Project Name Line Structure Component Program (LSCRCP): Brooklyn (EPK)	Planning Number / PIN MW64-0845
County/Borough: Brooklyn	Zip Code

Object/Purpose of Project

The purpose of this project is to eliminate all outstanding "A" defects in the tunnels and reduce the number of priority "B" defects along the Eastern Parkway Line. "A" defects are critical and prioritized for either complete repair or temporary repair that makes it safe for continued service; "B" defects are less severe and are addressed accordingly.

Units/Locations/Limits

Structural components, Eastern Parkway Line, Brooklyn.

Summary

This project will address line structure component repairs of selected priority defects in the vicinity of Hoyt, Nevins and Eastern Parkway Stations, Eastern Parkway Line, Brooklyn to prevent corrosion, spalling, leaking, and cracking.

The budget for this project is \$23.13 million. The request is for \$23.13 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7070331
Project Name Line Structure Component Repair Program (LSCRП): Bronx (BXC)	Planning Number / PIN MW64-0845
County/Borough: Bronx	Zip Code

Object/Purpose of Project

The purpose of this project is to eliminate all outstanding "A" structural defects in the tunnels and reduce the number of priority "B" defects at various locations in the Bronx. "A" defects are critical and prioritized for either complete repair or temporary repair that makes it safe for continued service; "B" defects are less severe and are addressed accordingly.

Units/Locations/Limits

Tunnel repairs in the vicinity of 161 Street, 167 Street, East Tremont and Bedford Park Stations, Concourse Line, Bronx.

Summary

This project will repair high-priority defects in structural steel and concrete in several sections of the Concourse Line tunnel to prevent corrosion, spalling, leaking, and cracking.

The budget for this project is \$76.59 million. The request is for \$76.59 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7070335
Project Name Line Structure Overcoating: Portal - King's Hwy / Culver	Planning Number / PIN MW62-6443
County/Borough: Brooklyn	Zip Code

Object/Purpose of Project
The purpose of this project is to paint a portion of the elevated steel structure along the Culver Line, Brooklyn.

Units/Locations/Limits
Elevated structure, portal south of Church Avenue Station to Kings Highway Station along Culver Line, Brooklyn.

Summary
This project will repair select deficient structural components and refresh paint coating to protect structures against structural deterioration. Work may include the following: repair or replacement of priority steel components such as track girders, columns, gusset plates, or related components and overcoat painting of all structural steel components and track-level structures to prevent corrosion.

The budget for this project is \$28.73 million. The request is for \$28.73 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7070339
Project Name Line Structure Component Repair Program (LSCRCP): 1-8 Av/CNR	Planning Number / PIN MW64-7998
County/Borough: Manhattan	Zip Code

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 2019

Agency New York City Transit	ACEP ID T7080324
Project Name Code Cable Replacement / BW7	Planning Number / PIN MW38-1959
County/Borough: Manhattan	Zip Code 10025

Object/Purpose of Project

The purpose of this project is replacement of the existing code cables and to provide the necessary equipment to enhance system reliability. Signal code cables provide master towers with the ability to control remote interlockings and receive track occupancy indications.

Units/Locations/Limits

Upgrade to fiber optic cable on the 7th Avenue Line (BW7), from 103 Street Relay Room to Central Instrument Room (CIR) 174 and CIR 182 South of Chamber Street.

Summary

This project will replace the existing code cables with new armored fiber optic cables on existing messenger system.

The budget for this project is \$29.08 million. The request is for \$29.08 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7080326
Project Name Life Cycle Replacement of Code Systems - Phase 1	Planning Number / PIN MW38-1957
County/Borough: System-wide	Zip Code

Object/Purpose of Project
The purpose of this project is to upgrade signal equipment to maintain the reliability and availability of the signals system with current technology.

Units/Locations/Limits
The project will include work on four lines:
From Essex Street to Central Instrument Room (CIR) 679 - Jamaica Line,
Fresh Pond - Myrtle Avenue Line,
Ocean Parkway & Brighton Beach - Brighton Line,
240 St to Times Square - Broadway Line.

Summary
This project will replace existing obsolete system on various lines with the current technology. This includes any non-vital relays and circuit boards used in association with these stems and replacement of the interlocking remote control systems in their entirety with redundant program logic controllers (PLCs) leaving the existing relay based non vital logic intact.

The budget for this project is \$35.42 million. The request is for \$35.42 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7080327
Project Name Life Cycle Replacement of Speed Enforcement Systems	Planning Number / PIN MW53-1958
County/Borough: System-wide	Zip Code

Object/Purpose of Project

The purpose of this project is to replace speed enforcement system with a new system providing enhanced reliability and maintainability.

Units/Locations/Limits

Five (5) locations comprising a total of eleven (11) systems on four (4) different lines with the new system.

The locations and lines are:

- 1) East 117th Street Interlocking, Pelham Line
- 2) Hunters Point Interlocking, Pelham Line
- 3) Metro Tech (Lawrence) Interlocking, Broadway Line
- 4) Essex Street Interlocking, 6th Avenue Line and
- 5) Atlantic Avenue Interlocking, Eastern Parkway Line

Summary

This project will install overspeed protection equipment. The new equipment will assure that the speed enforcement system is maintainable and reliable; the first generation system suffered frequent failures due to its inability to withstand the harsh environment of the subway, or vibration on the elevated structure due to train movement. The project shall also re-evaluate the system's back-up Grade Time (GT) signal design, and modify as required to ensure that a train operator can clearly discern when GT is in effect.

The budget for this project is \$54.23 million. The request is for \$54.23 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7080636
Project Name Connection--Oriented Ethernet (COE), Ph 3 Station Expansion	Planning Number / PIN MW17-1629
County/Borough: System-wide	Zip Code

Object/Purpose of Project
The purpose of this project is a risk mitigation of NYCT Networks and the associated applications to provide increased network resiliency to withstand both man-made and natural disasters.

Units/Locations/Limits
24 Core Locations, 407 subway stations in Manhattan, Brooklyn, Bronx, Queens, and 10 MTA Security C3 Centers.

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

The budget for this project is \$17.61 million. The request is for \$17.61 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7090203
Project Name Central Substation Renewal Including New Rectifier / 6AV	Planning Number / PIN PW11-2544
County/Borough: Manhattan	Zip Code 10019

Object/Purpose of Project
The purpose of this project is substation renewal to improve reliability of train services by furnishing adequate electrical power along the right of way.

Units/Locations/Limits
Traction power substation, 53 Street between 6 Avenue and 7 Avenue in the Borough of Manhattan.

Summary
The project includes the substation renewal and new rectifier at the Central substation on the 6th Avenue Line. Work will include installation of fiber optic network connections to carry control and indication data between the Central Substation and Power Control Center (PCC). The new connections will provide high-speed network interfaces to support transport of multiple applications traffic such as Programmable Logic Controller (PLC), diagnostics, access and intrusion, monitoring and control.

The budget for this project is \$50.59 million. The request is for \$50.59 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7090204
Project Name Substation Roof & Enclosure: Washington Hts / 8 AV [SBMP2]	Planning Number / PIN PW02-2545
County/Borough: Manhattan	Zip Code 10032

Object/Purpose of Project
The purpose of this project is to bring the Washington Heights substation roof and enclosure to a state of good repair.

Units/Locations/Limits
Washington Heights substation, Manhattan.

Summary
This project will rehabilitate the Washington Heights substation and enclosure to ensure proper ventilation of equipment and safety of the building. Work will include replacement of power substation and related equipment (power distribution components), Supervisory Control and Data Acquisition (SCADA) monitoring system update, and the installation of fire alarm and phone terminal box.

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

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7090206
Project Name Replace High Tension Switchgear at 10 Substations	Planning Number / PIN PW03-2405
County/Borough: System-wide	Zip Code

Object/Purpose of Project
The purpose of this project is to replace the component replacement of high tension switchgear at ten substations.

Units/Locations/Limits
The substations are located at:
1) Spencer Place, Brooklyn
2) Schemerhorn, Brooklyn
3) Bedford Park, Bronx
4) E 161St, Bronx
5) E 175 St, Bronx
6) Patchen Av, Bronx
7) Mosholu Parkway, Bronx
8) 150 St, Queens
9) 167 St, Queens
10) 69 St, Queens

Summary
This project will replace high tension switchgear at ten locations to modernize the switchgear and to provide an adequate level of reliability to the electrical power system. Replacement of switchgear includes removal of existing equipment, the installation of new connection cables, ground and test device (G&T), AC breaker, revenue metering equipment, control, battery and the re-installation of the existing power transformer, rectifier unit, auxiliary boxes and cabinets.

The budget for this project is \$49.54 million. The request is for \$49.54 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7090219
Project Name New Substation: Canal Street / 8th Avenue	Planning Number / PIN PW09-6133
County/Borough: Manhattan	Zip Code 100131

Object/Purpose of Project
The purpose of this project is to provide traction power for reliable train operations on the 8 Avenue Line.

Units/Locations/Limits
New underground substation between Thompson Avenue and 6th Avenue, Manhattan.

Summary
This project will construct a new substation at Canal Street serving the 8th Avenue Line. Work will include installation of a new reinforced structure below ground, power equipment, cables, ventilation, communication work and environmental work.

The budget for this project is \$70.96 million. The request is for \$70.96 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7090220
Project Name New Substation: 28 Street / 8th Avenue	Planning Number / PIN PW09-6830
County/Borough: Manhattan	Zip Code 10001

Object/Purpose of Project
Construction of a new power substation to serve the 8th Avenue Line; the proposed location will be underground in the vicinity of 8th avenue and 28th-29th street.

Units/Locations/Limits
34 St / 8 Av Line, Manhattan.

Summary
This project will bring the traction power supply on the 8th Avenue Line to acceptable levels to handle contingency situations and increased loads. Work will include construction of a new structure and installation of power equipment, cables, ventilation, communication work and environmental work.

The budget for this project is \$65.79 million. The request is for \$65.79 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID ET090304
Project Name Sandy Mitigation: Montague-Furman Substation / BWY	Planning Number / PIN PW03-1297
County/Borough: Brooklyn	Zip Code 11201

Object/Purpose of Project
The purpose of this project is to mitigate a substation associated with the Montague Tube from potential damage in future storm surge events.

Units/Locations/Limits
Traction power substation at 1 Furman Street, Brooklyn, NY, Broadway Line.

Summary
This project will incorporate new flood mitigation standards for the substation located at 1 Furman Street, Brooklyn on the Broadway Line to protect against damage from future storm events. Work will include:
-Replacement of High Tension Switchgear,
-Installation of water tight manhole covers, and
-A water tight duct seal.

The budget for this project is \$5.96 million. The request is for \$5.96 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID ET090310
Project Name Sandy Mitigation: Back-up Power Control Center (PCC)	Planning Number / PIN MW01-7886
County/Borough: Brooklyn	Zip Code 11201

Object/Purpose of Project

The purpose of this project is to build and furnish an Emergency Power Control Center (EPCC) to allow centralized remote control of the BMT Division traction power system in the event the main PCC becomes inaccessible or non-functional.

Units/Locations/Limits

EPCC System within Jay Street Substation, Brooklyn.

Summary

This project will build and furnish an EPCC within Jay Street Substation with the same functionalities as the PCC. Work will include installing Supervisory Control and Data Acquisition (SCADA) servers, layer 2/3 switch, new Cat6 cabling and conduit, electrical work, communications work, and the provision of an EPCC theater space, workstations, monitor displays and associated controllers.

The budget for this project is \$10.03 million. The request is for \$10.03 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID ET090312
Project Name Sandy Resiliency: Site Improvements at 2 Locations (SBFP)	Planning Number / PIN PW01-3824
County/Borough: Brooklyn	Zip Code

Object/Purpose of Project

The purpose of this project is to provide site improvements at the Van Sinderen/Blake Substation and Avenue O Substation for the secure storage of the Deployable Battery Power Systems.

Units/Locations/Limits

Site improvements, Van Sinderen/Blake Substation and Avenue O Substation, Brooklyn.

Summary

This project will create secure storage locations for the Deployable Battery Power Systems by installing:

- Standard NYCT security fences,
- Gated access system,
- Security cameras,
- Exterior lighting,
- Paving, and
- New drainage system.

The budget for this project is \$2.24 million. The request is for \$2.24 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7090413
Project Name Upgrade SCADA System (BMT)	Planning Number / PIN MW01-2609
County/Borough: System-wide	Zip Code

Object/Purpose of Project

The purpose of this project is to update the Supervisory Control and Data Acquisition System (SCADA) for improved monitoring and control. The SCADA system enables operators in the Power Control Center (PCC) to monitor conditions on the system and to remotely remove or restore DC traction power or signal power at all locations on the NYCT system.

Units/Locations/Limits

PCC at 53rd Street, Manhattan and Remote Terminal Units (RTU) of BMT Zone Control Rooms (13 Locs). RTU Locations are:

- 1.) Flatbush-Willoughby St Substation, Brooklyn
- 2.) 4th Ave-64th St Substation, Brooklyn
- 3.) Brighton-W 8th St Substation, Brooklyn
- 4.) Brighton-E 15th St Substation, Brooklyn
- 5.) Broadway-East NY Substation, Brooklyn
- 6.) Avenue T Substation, Brooklyn
- 7.) Van Sinderen-Blake Ave Substation, Brooklyn
- 8.) Jamaica-120th St Substation, Brooklyn
- 9.) Centre-Pearl St Substation, Manhattan
- 10.) Broadway-Lorimer St Substation, Brooklyn
- 11.) New Utrecht-65th St Substation, Brooklyn
- 12.) Broadway-E 19th St Substation, Manhattan
- 13.) Queens Plaza S-9th St Substation, Queens

Summary

This project will install a state of the art Program Logic Controller (PLC)/Gateway based system at each of the BMT/RTU locations/Zone Control Rooms along with new fiber optic cable installation.

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

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7090414
Project Name Repl Control & Battery Cable: 4 Substn Control Zones (2/3/5/8)	Planning Number / PIN PW10-5589
County/Borough: Manhattan	Zip Code

Object/Purpose of Project
The purpose of this project is the replacement of control and battery cables in four IND substation control zones.

Units/Locations/Limits
IND Substation Control Zones 2, 3, 5, and 8:
-Zone 2 (Washington Heights Substation),
-Zone 3 (Harlem Substation),
-Zone 5 (Central Substation), and
-Zone 8 (Stanton Substation)

Summary
This project will replace control and battery cables to provide proper remote supervisory and control of various power equipment in substations, circuit breaker houses and fan chambers.

The budget for this project is \$28.79 million. The request is for \$28.79 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7090415
Project Name Reconstruction of CBH # 392 - Flushing River Bridge	Planning Number / PIN MW25-1480
County/Borough: Queens	Zip Code 11354

Object/Purpose of Project
The purpose of this project is reconstruction of Circuit Breaker House (CBH) # 392 on the Flushing Line to boost required voltage for better movement of trains.

Units/Locations/Limits
Between Lawrence Substation and Corona Yard Substation, Flushing Line, Queens.

Summary
This project will include a removal/demolition component and a construction/installation component:
-Remove the existing CBH structure, all existing equipment, and asbestos
-Replace deteriorated CBH enclosure with a new CBH house: new lights, doors, install new breakers, telephone, lighting, CO2 fire extinguisher, Supervisory Control and Data Acquisition System (SCADA), battery wiring, including controls for breakers.

The budget for this project is \$8.50 million. The request is for \$8.50 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID ET100310
Project Name Sandy Mitigation: Sewer 207th Street	Planning Number / PIN MW01-0988
County/Borough: Manhattan	Zip Code 10034

Object/Purpose of Project

The purpose of this project is to provide flood mitigation at the 207th Street Yard in Manhattan by re-locating Department of Environmental Protection (DEP) owned sewers from the inside to the outside of the Yard.

Units/Locations/Limits

Interceptor sewer and regulator, 207th Street Yard, Manhattan.

Summary

This project will include:

- Removal and relocation of the existing New York City Department of Environmental Protection regulator, diversion chamber, and tide gates and internal sanitary service connections in the yard.
- Construction of sanitary pump station, force main, regulators, tide gates, branch interceptor and ejector pump stations for the relocated sewer, reinforcing liners to sewer lines, and installation of backflow prevention valves at outfalls.

The budget for this project is \$18.47 million. The request is for \$18.47 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7100406
Project Name Livonia Maintenance Facility Rehab/Reconstruct Phase 1	Planning Number / PIN CM03-2302
County/Borough: Brooklyn	Zip Code 11208

Object/Purpose of Project
The purpose of this project is to repair/reconstruct high priority deficient components at Livonia Maintenance Shop.

Units/Locations/Limits
Livonia Maintenance Shop: 324 Linwood Street, Brooklyn, New York.

Summary
The work will include but not be limited to:
-Roof replacement,
-Exterior columns and masonry wall repair,
-Replacement of exterior windows and doors, and
-Interior renovations and upgrades to the employee facilities.

The budget for this project is \$62.70 million. The request is for \$62.70 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7100414
Project Name Yard Track - 2019	Planning Number / PIN MW46-6170
County/Borough: System-wide	Zip Code

Object/Purpose of Project

The purpose of this project is to replace the track at NYCT yards.

Units/Locations/Limits

Locations will be selected based on the latest yard condition survey.

Summary

This project will replace yard track that has reached the end of their useful life at various locations throughout the system.

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

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7100420
Project Name Yard Switches - 2019	Planning Number / PIN MW51-6173
County/Borough: System-wide	Zip Code

Object/Purpose of Project
The purpose of this project is to replace the switches at NYCT yards.

Units/Locations/Limits
Locations will be selected based on the latest yard switch condition survey.

Summary
This project will replace yard switches that have reached the end of their useful life at various locations throughout the system. Work will include:
-Removal of existing over-age switches and associated equipment,
-Installation of new switches,
-Connections to yard signal systems,
-Provision of remotely controlled switch heaters, and
-Provision of all associated signal and equipment work.

The budget for this project is \$3.80 million. The request is for \$3.80 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7100428
Project Name Rehabilitate Car Cleaning Facilities	Planning Number / PIN CM14-2385
County/Borough: System-wide	Zip Code

Object/Purpose of Project
The purpose of this project is to rehab Car Cleaning Facilities at eight yards.

- Units/Locations/Limits**
- 1) Jamaica Yard - 78-15 Grand Central Pkwy, Queens
 - 2) 240 St Yard - 5911 Broadway, Bronx
 - 3) Pelham Yard - 1650 Eastchester Rd, Bronx
 - 4) Concourse Yard - W205 St, between Jerome and Paul Av, Bronx
 - 5) Jerome Yard-3191 Jerome Av, Bronx
 - 6) Fresh Pond Yard - Fresh Pond Rd, Queens
 - 7) 148 St Yard - 148 St & Lenox Av, Manhattan
 - 8) 137 St Yard - Underground rail yard - north of 137 St Station, Manhattan

Summary
This project will repair or upgrade the plumbing, drainage, HVAC, lighting, and electrical systems at the eight yards.

The budget for this project is \$1.47 million. The request is for \$1.47 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T71203
Project Name Modular Office: East New York Depot [SBFP]	Planning Number / PIN SF07-0569
County/Borough: Brooklyn	Zip Code 11207

Object/Purpose of Project
The purpose of this project is to construct a one-story administrative building at the East New York Bus Depot.

Units/Locations/Limits
East New York Bus Depot: 25 Jamaica Avenue, Brooklyn, NY.

Summary
This project will construct one-story Administrative Building inside the East New York Bus Depot on the Jamaica Avenue side.

The budget for this project is \$4.20 million. The request is for \$4.20 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7120301
Project Name Artic Modification: East New York Depot	Planning Number / PIN SF07-0569
County/Borough: Brooklyn	Zip Code 11207

Object/Purpose of Project

The purpose of this project is to rehabilitate interior depot spaces on the first floor of the East New York Bus Depot in the Borough of Brooklyn to accommodate operation and parking of new articulated buses.

Units/Locations/Limits

East New York Bus Depot: 25 Jamaica Avenue, Brooklyn, NY.

Summary

This project will relocate the existing chassis wash, and modify the existing ductwork, electrical and mechanical equipment to accommodate the new circulating spaces for the articulated buses. In addition, four existing bays shall be converted to articulated work stations. The supply logistics space shall be consolidated to one location.

The budget for this project is \$28.12 million. The request is for \$28.12 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7120319
Project Name New Roof at Queens Village Depot	Planning Number / PIN SF07-2460
County/Borough: Queens	Zip Code 11429

Object/Purpose of Project
The purpose of this project is the removal and replacement of the existing roofing system to bring the system to a state of good repair.

Units/Locations/Limits
Queens Village Depot 97-11 222 Street, Queens Village, NY.

Summary
This project will encompass the removal of the entire +/-190,000 SF existing roofing system down to the concrete deck covering the building.

The budget for this project is \$11.65 million. The request is for \$11.65 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID T7120402
Project Name Paint Booth: Yukon Depot [SBDP]	Planning Number / PIN SF16-1655
County/Borough: Staten Island	Zip Code 10314

Object/Purpose of Project
The purpose of this project is to provide all labor, tools, and equipment necessary for installing, testing and putting into operation a new paint booth.

Units/Locations/Limits
Yukon Bus Depot, 40 Yukon Ave, Staten Island.

Summary
This project will accommodate the Depot with a new, longer booth which will be used for articulated buses.

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

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID ET160311
Project Name Sandy Mitigation: Zerega Central Maintenance Facility	Planning Number / PIN SF01-4831
County/Borough: Bronx	Zip Code 10473

Object/Purpose of Project
The purpose of this project is to provide mitigation measures to protect the Zerega Central Maintenance Facility against potential damage from a storm surge event.

Units/Locations/Limits
Zerega Bus Maintenance & Training Facility, 750 Zerega Avenue, Bronx.

Summary
This project will implement flood mitigation measures at the Department of Buses Zerega Central Training and Maintenance Facility. Work will include installation of permanent perimeter protection walls and backflow valves, application of improved building sealant, and damp-proofing any electrical or mechanical building systems.

The budget for this project is \$10.38 million. The request is for \$10.38 million.

Proposed Program of Projects Federal Fiscal Year 2019

Agency New York City Transit	ACEP ID S7070113
Project Name Clifton Yard Track and Switch Reconfiguration	Planning Number / PIN SI02-1895
County/Borough: Staten Island	Zip Code 10304

Object/Purpose of Project
The purpose of this project is to reconfigure track and switches in the Staten Island Railway Clifton Yard to support the new Clifton Shop.

Units/Locations/Limits
Clifton Yard/Clifton Shop, Bay Street, Staten Island.

Summary
This project will consist of the installation of Type VI tracks, new 84-C type composite contact rails, duct banks and switches.

The budget for this project is \$20.40 million. The request is for \$20.40 million.