MTA Capital Program 2020-2024

Rebuilding New York's Transportation System



Amendment #5
As Approved by the MTA Board October 29, 2025
As Approved by the CPRB December 2, 2025



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Overview

MTA Capital Program 2020-2024



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The proposed MTA 2020-2024 Capital Program amendment (Amendment #5) encompasses \$55.432 billion of investments that renew, enhance, and expand the MTA network. Most of the program (57%) continues to focus on renewing the system to promote safe and reliable service. Enhancements are targeted toward improving system capabilities, network accessibility, and customer experience. Network Expansion projects extend the reach of the network to address evolving regional mobility needs. The MTA Capital Program Review Board (CPRB) program amendment is subdivided into "core" investments that renew and enhance, and expansion investments that extend the MTA network.

Changes to the program are summarized in Table 1 below. These include the impacts of Amendment #4 (a "letter amendment") which was approved in late 2024 and for which there was no printed book. That amendment affected only Major Projects and Expansion, increasing the 2020-2024 program by \$121 million.

Table 1
MTA 2020-2024 Capital Program Amendment All Agency Summary (\$ in millions)

	July 2023 Approved Amendment (Amendment #3)	Proposed Program	Change
CPRB Core			
New York City Transit	\$33,964	\$33,945	(\$19)
Long Island Rail Road	3,446	3,443	(4)
Metro-North Railroad	3,408	3,404	(4)
MTA Bus	839	839	0
MTA Interagency	168	196	29
Core Subtotal	\$41,825	\$41,828	\$3
Major Projects and Expansion	10,291	10,355	64
CPRB Total	\$52,116	\$52,182	\$66
Bridges & Tunnels	3,326	3,250	(76)
Total Program	\$55,442	\$55,432	(\$10)

Numbers may not total due to rounding.

Program Evolution and Changes

The original \$54.799 billion MTA 2020-2024 Capital Program included \$51.472 billion for CPRB agencies and \$3.327 billion for the self-funded Bridges and Tunnels (B&T) program, which is not subject to CPRB approval, was approved by the MTA Board on September 25, 2019.

Amendment #1: On December 15, 2021, the MTA Board approved a letter amendment (Amendment #1) to the originally approved 2020-2024 Capital Program. This amendment increased the Capital Program by \$535 million from \$54.799 billion to \$55.334 billion, the CPRB portion increased from \$51.472 billion to \$52.007 billion. Changes to the Capital Program addressed the following: (a) budget adjustments in the New York City Transit (NYCT) program for a track and structures project; (b) increases to the sizes of the Long Island Rail Road (LIRR) and Metro-North Railroad (Metro-North) programs; (c) two new MTA Interagency elements to help administer the Capital Program; (d) budget adjustments within and to the MTA Network Expansion program to support the Penn Station Access (PSA) project; and (e) elements with 10% increases which require CPRB approval. The CPRB approved this amendment on December 23, 2021.

Amendment #2: On July 27, 2022, the MTA Board approved an amendment (Amendment #2) to the 2020-2024 Capital Program. The amendment increased the Capital Program by \$108 million from \$55.334 billion to \$55.442 billion. The amendment included new projects, additional support for existing projects, reflected changes to project budgets based on refined scope, timing and cost estimates and identified elements in the CPRB portion of the program that had 10% budget issues and required CPRB approval to advance critical work. The CPRB approved this amendment on August 30, 2022.

Amendment #3: On June 27, 2023, the MTA Board approved an amendment (Amendment #3) to the 2020-2024 Capital Program. Amendment #3 moved \$878 million from "core" CPRB agencies to Network Expansion, with \$678 million going to Second Avenue Subway Phase 2 ("SAS2") and \$200 million going to the Penn Station Access project. Several core projects were added to address safety, resiliency, and critical state-of-good repair needs. This amendment also reflected right-sizing of project estimates based on scope and schedule revisions, bid results, and market conditions. Finally, the amendment identified elements in the CPRB portion of the program that exceeded the 10% budget threshold and required CPRB approval. MTA Bridges and Tunnel's \$3.326 billion program included updated estimates to project budgets, while the overall Plan value remained the same. On the funding side, Amendment #3 aligned the mix of funding with SAS2 requirements and gave recognition to the additional federal and state funding while keeping the overall funding envelope of the 2020-2024 Capital Program unchanged. The CPRB approved this amendment on July 31, 2023.

Amendment #4: On October 30, 2024, the MTA Board approved a letter amendment (Amendment #4) to the 2020-2024 Capital Program. This amendment only impacted Network Expansion budgets, increasing the Network Expansion budget from \$10.291 billion to \$10.412 billion. The MTA Expansion program was adjusted to reflect the addition of \$46.7 million in funding from New Jersey Transit and Amtrak for the Penn Reconstruction project, an addition of \$58.3 million for the Interborough Express project, and \$16.0 million for Second Avenue Subway West, increasing the overall size of the plan by \$120.1 million. The amendment was deemed approved by the CPRB on December 9, 2024.

Investment Summary

Proposed Capital Program Amendment (Amendment #5)

Within this amendment, there are significant changes to the program since the last printed book with blue pages from July 2023 (Amendment #3). The CPRB portion of the program is now \$52.182 billion which is \$66.3 million more than the July 2023 CPRB total of \$52.116 billion. The overall program, including B&T, is now \$55.432 billion, \$10.2 million less than the \$55.442 billion total program of July 2023.

Highlights of Proposed Program Changes

New Projects: Included in Amendment #5 are some new additions to the capital program. Due to resequencing in NYCT's overall stations accessibility (ADA) effort, two additional stations have been added to the 2020-2024 Capital Program: 145th Street on the 8th Ave line and Gates Ave on the Jamaica Line. Also included is a new safety-focused platform barrier initiative in NYCT's program to advance barriers on platforms at select stations systemwide. A new project for perimeter hardening at the Subways power control center and substation hardening for the LIRR at Penn Station are included as well.

Supporting Network Expansion Needs: In October 2024, the MTA Board approved an additional \$120.9 million for Network Expansion needs. Changes included an additional \$46.7 million for Penn Reconstruction. Two new projects were also created in the expansion area as a part of that amendment: \$16.0 million for a Second Avenue Subway West study (not a part of Second Avenue Subway Phase 2) and \$58.3 million to support design for the Interborough Express project (IBX). Amendment #5 proposed to remove (-\$56.7 million) of reserves from the Penn Reconstruction budget, representing a deprogramming of much of the project's reserves now that the federal government, and not the MTA, is leading the design effort at Penn Station with Amtrak as the lead agency.

Revisions to Reflect Project Cost, Schedule, and Other Project Changes: The amendment identifies project changes and additions derived from schedule updates, phasing opportunities, refined project scopes and estimates including market pricing, emerging needs, as well as administrative split-outs of scope and budget (the breaking out budgets for awards from related budgetary reserve projects). The project changes and additions include budget increases and decreases, project deferrals, advancement of projects, and split-outs of some work from existing projects into new individual projects. Savings come from projected surpluses for NYCT's ongoing New Fare Payment Systems project, revised estimates for the unawarded Fulton line signal modernization and overall savings for NYCT's ADA program that have been leveraged to add two more stations to the program.

Adjustments and savings withing the MTA Bridges & Tunnels Program: As a part of this amendment, B&T is reducing its overall program by (-\$76 million) from \$3,326.2 million to \$3,249.8 million. This is largely due to savings within the Central Business District Tolling Program (CBDTP), now substantially complete and able to release much of its remaining budget reserves. Amendment #5 proposes other changes to the B&T program as well, including adjustments to existing project budgets, budget adjustments for new needs, and the removal of two projects that are no longer needed.

Agency Element 10% Issues: Pursuant to the Public Authorities Law, increases to agencies' elements greater than 10% of the element budget require approval of the CPRB. The individual agency sections compare proposed increases above this 10% limit with the most recent CPRB-approved plan. B&T is not subject to CPRB oversight and is exempt from this requirement.

Program Funding

Funds currently projected to be available for the proposed 2020-2024 Capital Program amendment (Amendment #5) total \$55.432 billion. Changes to funding are summarized in Table 2 below. Amendment #5 builds upon the impacts of the previously approved Amendment #4, which resulted in a net increase to the funding envelope of \$121 million primarily due to the additional funding from the State for the Interborough Express and Second Avenue Subway West projects (a "Letter Amendment," which was approved in late 2024 and for which there was no printed book), and other adjustments since. The narrative below highlights funding adjustments since Amendment #3 in the most recently published book. The primary change is the final recognition of previously announced and anticipated federal funding for the Penn Station Access project, following the December 2024 execution of a funding agreement with the FRA and a revised memorandum of understanding with Amtrak, along with a corresponding reduction in MTA Bonds and PAYGO which was serving as a temporary funding source until the federal award was finalized.

Table 2
MTA 2020-2024 Capital Program Amendment Funding Plan (\$ in millions)

Program Funding Plan	July 2023 Amendment #3	Proposed Program*	Change
Capital from Central Business District Tolling Sources	\$15,000	\$15,000	\$0
Capital from New Revenue Sources	10,000	10,000	0
- Federal Formula	9,984	9,984	0
 Federal New Starts (Second Avenue Subway Phase 2) 	2,005	2,005	0
- Federal Flexible & Other	1,084	2,762	1,678
Federal Subtotal	13,073	14,751	1,678
MTA Bonds & PAYGO	7,393	6,043	(1,350)
State of New York	3,101	3,159	58
City of New York	3,007	3,052	45
Other Contributions	542	177	(365)
Total CPRB Program	\$52,115	\$52,181	\$66
Bridges and Tunnels Bonds & PAYGO/Cash	3,327	3,251	(76)
Total 2020-2024 Program	\$55,442	\$55,432	(\$10)

Numbers may not total due to rounding

^{*}Amendment #5 builds upon the previously approved Amendment #4, which resulted in a net increase to the funding envelope of \$121 million primarily due to the additional funding from the State for the Interborough Express and Second Avenue Subway West projects.

Capital from Central Business District Tolling Sources

No funding change

The Capital from Central Business District Tolling Sources assumption remains unchanged.

Capital from New Revenue Sources

No funding change

The Capital from New Revenue Sources assumption remains unchanged.

MTA Bonds & PAYGO -\$1,350 million

Since the July 2023 Plan Amendment, there has been a net reduction of (-\$1,350 million) to the MTA Bonds and PAYGO assumptions, primarily due to the previously announced and anticipated federal FRA grant for the Penn Station Access project which was not executed until December 2024 (see "Federal" and "Other" below). Additional reductions, which reflect a combination of increased funding from the City of New York, federal discretionary grants, and other adjustments, also contribute to the overall decrease. Partially offsetting these reductions is a +\$2 million transfer of Bridges and Tunnels dedicated funding to support interagency initiatives. These items are described in more detail below.

Federal +\$1,678 million

Since the July 2023 Plan Amendment, the total federal funding assumption increases by +\$1,678 million. This includes an increase of +\$1,644 million from the FRA for the Penn Station Access project following the December 2024 execution of a funding agreement with the FRA and a revised memorandum of understanding with Amtrak, both of which were previously announced and anticipated but not yet finalized or recognized in the previous amendment to the capital plan. This increase is offset by a -\$365 million reduction in Amtrak's share of the PSA project as part of the agreement for receiving the FRA grant (see "Other" below). Federal funding also increased by +\$33 million in PROTECT grant funds for the NYCT Westchester Yard project, and +\$1 million from the federal Enhanced Mobility of Seniors and Individuals with Disabilities program for the NYCT tactile guideway and wayfinding project.

State of New York Capital

+\$58 million

The 2024 Letter Amendment included an additional +\$68 million contribution from the State to support the Interboro Express (IBX) (\$52 million) and Second Avenue Subway West Expansion (\$16 million) projects. This increase is partly offset by a (-\$10 million) reduction to the State's \$100 million funding for Penn Reconstruction, to align with project cost re-estimates.

City of New York Capital

+\$45 million

The proposed amendment increases City funding by \$45 million. Included in this increase is +\$29 million in matching funds for federally funded MTA Bus Company projects. The City is also

contributing an additional +\$16 million to support ongoing efforts to enhance police radio coverage in the subway system.

Other -\$365 million

The proposed amendment reduces Amtrak's share of the Penn Station Access cost by (-\$365 million) due to the receipt of FRA grant funding.

The 2024 Letter Amendment recognized +\$47 million in contributions from New Jersey Transit and Amtrak towards Penn Redevelopment. Amendment #5 reprograms these contributions out of the 2020–2024 Capital Program to reflect updated project delivery responsibilities and to align with funding structures in prior capital programs, while the funds remain committed to the Penn Redevelopment Project.

Bridges and Tunnels Program Funding

-\$76 million

The proposed amendment reduces Bridges and Tunnels Program funding category by (-\$76 million), of which (-\$74 million) comes from savings within the \$503 million CBDTP infrastructure budget. The remaining (-\$2 million) is transferred to MTA Interagency.

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New York City Transit

MTA Capital Program 2020-2024



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Overview - New York City Transit

This proposed amendment adjusts the content of NYCT's 2020-2024 Capital Program. The total value of the revised program is \$33.945 billion, which is a net decrease of -\$19 million from Amendment #3 approved by the MTA Board in June 2023. The net decrease reflects administrative budget transfers that have occurred since the approval of Amendment #3.

Amendment #5 includes adjustments to reflect refined project scopes and cost estimates, bid experiences, schedule changes, and market conditions since the last update to the Board. As a result, there are significant increases in several investment categories. The categories with the largest increases are Buses (+\$117 million), Line Equipment (+\$126 million), and Shops and Yards (+\$153 million). The following are increases of particular note:

- The increase in the Buses category reflects higher costs for the rollout of battery-electric buses, including an increase in the projects to purchase 475 battery-electric buses and an increase in the project to deploy electric bus charging infrastructure. These increases are due to economic conditions in the industry and refinements to the rollout strategy for electric bus charging.
- The increase in the Line Equipment category reflects the addition of three Superstorm
 Sandy resiliency projects, to provide additional budgetary support for projects that are
 otherwise budgeted in the Superstorm Sandy portion of the 2010-2014 Capital Program.
 This additional budgetary support is required based on bid results and due to temporary
 funding availability issues in the earlier capital program.
- The increase in the Shops and Yards category reflects an updated scope and estimate for the Westchester Yard Drainage Improvements project. This project's scope has increased to include required water detention tanks and a new pump station.

These increases are offset by strategic project reductions throughout the NYCT program. The largest decrease are in the Signals and Communication (-\$315 million). The decrease in the Signals and Communication category reflects a revised estimate for upgrading the signals on the Fulton Line, with no reduction in the planned limits of work.

Aside from these increases and reductions, this amendment also reflects the re-sequencing of several station accessibility projects, resulting in a net increase of two stations to be made accessible in the 2020-2024 Capital Program under the Americans with Disabilities Act (ADA). The total number of stations being made accessible in this capital program is now 69. Because of favorable bid experience for ADA projects awarded since the inception of the 2020-2024 Capital Program, this net increase of two stations can be accommodated within the existing

ADA program budget.

This amendment also reflects the administrative split-out of some work from existing projects into new individual projects. These split-outs are being implemented at the time of the contract to provide better budget control and transparency.

Table 3 and the discussion that follows summarize the proposed changes to NYCT's 2020-2024 Capital Program by investment category.

Table 3

NYCT 2020-2024 Capital Program Amendment by Category (\$ in millions)

Octoroni	July 2023	Proposed	Ohanda
Category Subway Cars	Amendment #3 \$4,327.7	Program \$4,335.0	Change \$7.3
Subway Sais	Ψ+,521.1	Ψ+,555.0	Ψ1.5
Buses	1,878.5	1,995.4	116.9
Passenger Stations	9,558.3	9,532.6	(25.7)
Track	2,556.4	2,556.6	0.1
Line Equipment	362.8	488.3	125.5
Line Structures	3,127.1	3,215.0	87.9
Signals & Communications	6,718.5	6,403.8	(314.7)
Traction Power	1,510.4	1,497.0	(13.4)
Shops & Yards	508.3	661.4	153.1
Depots	956.1	962.5	6.5
Service Vehicles	226.8	165.8	(61.1)
Miscellaneous	1,839.7	1,677.0	(162.8)
Staten Island Railway	393.0	454.9	61.9
Total New York City Transit Program	\$33,963.7	\$33,945.2	(\$18.5)

Numbers may not total due to rounding

+\$7.3 million

New York City Transit Subway Cars Category T-801

The net increase of (+\$7.3 million) in this category reflects increases associated with the exercise of Options 1 and 2 of the R211 car purchase contract. There is an increase in the Purchase of 640 B-Division Cars (R211 Option 1) project (+\$7.3 million) and, likewise, an increase in the Purchase 435 B-Division Cars (R211 Option 2) project (+\$34.3 million). Both increases are based on refined estimates for support costs when the options were exercised. The scope of Option 2 has been revised from 437 cars to 435 cars, based on the latest forecasted needs for subway cars to meet service requirements, and in coordination with the next planned B-Division car purchase in the 2025-2029 Capital Program.

There is also a new project for the design of the R268 B-Division car purchase contract (+\$3.5 million). Construction of that contract is funded in the 2025-2029 Capital Program.

Partially offsetting these increases, there is a reduction in the New/Upgrade Car Investments project (-\$37.8 million). The remaining budget in this project will be used for the purchase of new A-Division cars, supplementing the additional budget that has been allocated for that purpose in the 2025-2029 Capital Program.

+\$116.9 million

New York City Transit Buses Category T-803

There is a net increase of (+\$116.9 million) in this category, primarily reflecting higher costs for the rollout of battery-electric buses.

There is a net increase in the projects to purchase 475 battery-electric buses (+\$22 million), based on bid results. This net increase reflects the split-out of funding to the Purchase 193 Standard Electric Buses project (+\$266.6 million) and to the Purchase 72 Articulated Electric Buses project (+\$142.6 million). There is also a net increase (+\$50 million) in the Electric Bus Charging Infrastructure project,

Non-electric bus purchases are also subject to economic conditions that have caused costs to increase. There is an increase in the Purchase 92 Express Buses project (+\$47.2 million), based on the most recent estimates. There is also an increase in the Bus Purchase Design project (+\$0.9 million), mainly due to design costs for the 92 Express Buses. A project to Purchase 245 Articulated Buses has been reduced to 224 buses to fit within its available budget; the remaining 21 buses are reprogrammed in the 2025-2029 Capital Program.

There is also a net decrease (-\$3.3 million) in bus technology projects, based on the reprioritization of some proposed technological initiatives. The largest technology project, Automated Passenger Counting, remains unchanged.

-\$25.7 million

New York City Transit Passenger Stations Category T-804

This category has an overall decrease of (-\$25.7 million).

The Fare Collection element has a net decrease (-\$60.5 million). This is primarily due to a reduction in the New Fare Payment System (NFPS): Additional Support Costs project (-\$67.6 million), based on anticipated cost savings, partially offset by an increase in the Additional Work: Fare Collection project (+\$7.1 million).

There is a net decrease (-\$110.7 million) in the Station Escalators / Elevators element. The total number of elevators and escalators to be replaced remain at 78 and 66, respectively; however, there are net decreases in elevator projects (-\$29.4 million) and escalator projects (-\$86 million) based on anticipated cost savings. These net decreases reflect the split-out of two projects to replace 37 elevators (+\$301.5 million) and two projects to replace 24 escalators (+\$240.6 million). Finally, this amendment reflects additional funding for elevator and escalator designs (+\$6.4 million), to complete the designs for all remaining projects.

The Station Work element has a net increase (+\$145.5 million), reflecting several dynamics:

- A new Platform Barriers project (+\$45 million). The new Platform Barriers project will install static platform barriers at select stations systemwide, thereby enhancing station security more quickly and efficiently and at a greater number of stations.
- A net reduction in the Station Renewals at 2 Locations project (formerly Station Renewals at 3 Locations). A renewal at one location is rescheduled to a future capital program (-\$96 million), to coordinate with other work at the same station. This is partially offset by an increase for the remaining two renewals (+\$41 million), based on the latest estimates.
- A net reduction in station renewals (-\$32 million), based on bid results for the renewal at 242 St on the Broadway-7th Avenue line and the latest estimates for other locations not yet awarded. This net reduction reflects the split-out of the 242 St station renewal (\$31.4 million) from the Station Renewals at 5 ADA Locations project.
- A net increase in station component projects that are not yet awarded or were recently awarded (+\$58 million), based on the identification of additional state of good repair needs, the latest estimates, and bid results. This net increase is inclusive of changes to the following projects: Plat, Mezz, & Interior Stair Comps: ADA Locations, Station

Components: Various Locations, the Small Business Mentoring Program-Stations project, Misc. Station Component/Renewal Work, Miscellaneous Station Investments, and Other Station Work project; as well as 10 projects that have been split out. These split-outs include the Station Components Progressive Design-Build Pilot (43 Locations) project (+\$54.7 million); station component projects at Broadway Junction, New Lots Av, 46 St-Bliss St, and Burnside Av stations (+\$46.2 million); a project for emergency lighting at 11 Stations (+\$17.5 million); and four smaller projects at various locations (+\$5 million).

- A net increase in 13 station component and renewal projects that are already in construction (+\$28 million), based on conditions identified during construction. Most notably, this increase reflects additional scope for renewal projects at five stations on the Flushing line based on newly observed field conditions.
- The addition of several new projects, including a project to construct a customer service center at Parkchester station (+\$3.7 million), a project for stormwater mitigation at WTC Cortlandt St station (+\$17.3 million), and a project to outfit a new Department of Subways stations central maintenance facility (+\$26.4 million). This amendment also adds a project to upgrade communications and security systems at Sutphin Blvd-Archer Avenue station (+\$7.6 million); this is a continuation of an ongoing initiative that began in the 2015-2019 Capital Program.
- A net reduction to water remedy/mitigation projects (-\$8 million), based on bid results and the latest estimates for remaining work. This net reduction reflects the split-out of two stormwater mitigation projects (+\$18 million) and the 2023 water condition remedy project (+\$5.9 million) from the Stormwater Mitigation: Various Stations project and the Water Condition Remedy: Various Locations project, respectively.
- A net reduction to station painting projects (-\$4.1 million), based on bid results. This net reduction reflects the split-out of station painting projects at seven stations (\$3.9 million), split out from the Station Painting: Various Locations project.
- A net reduction to station ventilator projects (-\$2 million), based on bid results and savings realized during construction. This net decrease reflects the split-out of Phases 22, 23, and 24 of the station ventilator program (+\$13.3 million) from the Station Ventilators: Various Locations project.
- Lastly, there is an increase in the design projects for station components, station renewals, and miscellaneous station work (+\$43.3 million); an increase in the Station Condition Survey project (+\$16.9 million); and an increase in the Art at Other Stations

project (+\$2 million). These increases are to complete the designs for all remaining work in this element, begin the advancement of station projects for the 2025-2029 Capital Program, and support the associated MTA Arts & Design initiatives.

There is no net change to the total budget of the Accessibility element; NYCT remains committed to maintaining this historically significant level of investment to make stations compliant with the Americans with Disabilities Act (ADA). This amendment reflects the resequencing of several station accessibility projects, resulting in a net increase of two stations to be made accessible via the 2020-2024 Capital Program:

- Accessibility projects at four stations are added to this capital program: Fort Hamilton Parkway station on the West End line, 2nd Avenue station on the 6^h Ave line, and Morrison Avenue-Soundview and Middletown Road stations on the Pelham line.
- Accessibility projects at two stations, which were previously included in this capital
 program, are now delayed to a future capital program due to technical complexities
 encountered during the scoping process: Kings Highway station on the Sea Beach line
 and 168 Street station on the Broadway-7th Ave line. These stations require further study
 to develop feasible and cost-effective accessibility solutions.
- The ADA: 2 Stations to be Identified project has been replaced with two specific stations that are now identified: 145th St on the 8th Ave line and Gates Av on the Jamaica Line.

Because of favorable bid experience for all ADA projects awarded since the inception of the 2020-2024 Capital Program, this net increase of two stations can be accommodated within the existing ADA program budget. The total number of stations being made accessible in this capital program is now 69, including three stations budgeted for the Staten Island Railway category.

This amendment reflects the split-out of ADA projects at 20 stations (+\$1.461 billion), including one of the newly added stations (Middletown Road), and adjustments to the budgets of several projects based on field conditions encountered during construction. Likewise, this amendment reflects the split-out of additional design costs (+\$58.8 million); a new project for the Owner-Controlled Insurance Program (+\$67 million); and a new project to address additional support costs for Queensboro Plaza station on the Flushing line (+\$1 million), which is primarily funded in the 2015-2019 Capital Program, but requires additional funding based on needs that emerged during construction. All these projects were split out from the ADA: 43 Stations project, which is now renamed ADA: 25 Stations and retains a sufficient budget for all remaining 25 stations in this capital program that are not yet awarded.

+\$0.1 million

New York City Transit Track Category T-805

There is a small net increase in the Track category (+\$0.1 million) that offsets a small net decrease in the yard track and switch program (discussed in the Shops and Yards category), to reflect the split-out of the 2024 program of projects.

The net zero change in track and switch investment results from an increase (+\$115.4 million) in the Mainline Track Rehabilitation element, offset by a decrease (-\$115.3 million) in the Mainline Switch Replacement element, reflecting the latest investment strategy and prioritization of projects to take advantage of track access opportunities.

Several projects for track and switch work in 2020-2023 were adjusted based on current estimates to complete the work and the resequencing of some locations. There is a net increase (+\$28 million) in the prior-year track projects and a net decrease (-\$26 million) in the prior-year switch projects. These changes are part of the overall funding shift in this category from switch replacement to track rehabilitation based on the latest prioritization, as well as supporting track work in conjunction with select stations projects.

This amendment also reflects the split-out of location-specific projects for the 2024 Track Program (+\$213 million), the 2024 switch program (+\$120 million), the 2024 Continuous Welded Rail program (+\$35 million), and the 2023 and 2024 track force accounts (+\$70 million) with funding transferred from the programmatic reserves. These split-outs provide better budget control and transparency.

+\$125.5 million

New York City Transit Line Equipment Category T-806

In this amendment there is an increase in the Line Equipment category (+\$125.5 million).

The main driver of the increase is the addition of three resiliency projects (+\$79.1 million), to provide additional budgetary support for projects that are otherwise budgeted in the Superstorm Sandy portion of the 2010-2014 Capital Program. This additional budgetary support is required based on bid results and due to federal funding availability issues in the earlier capital program.

There is also a net increase in fan plant projects (+\$37.2 million). This reflects an increase in fan plant component repairs that are currently in design (+\$50.2 million), based on the latest estimates. Partially offsetting this increase is a decrease in the Rehab Fan Plant Damper Systems – 7 Locations project (-\$13 million), based on savings realized at the completion of construction. This net increase reflects the administrative split-out of a project to install fiber cable supporting fan plants on the Concourse Line (+\$2 million), which was split out of the Fan Plants: Various Locations project.

There is also a net increase in pumping projects (+\$9 million). This reflects an increase in pump room rehabilitation and deep well backflushing projects that are currently under construction (+\$11.8 million), based on bid results. Partially offsetting this increase is a decrease in the Deep Wells Back-flushing – Lenox Line project (-\$2.7 million), based on savings realized at the completion of construction. The net increase reflects the administrative split-out of projects to rehabilitate four pump rooms (+\$54.7 million) and for deep wells backflushing at two locations (+\$11.8 million), which were split out from the Pump Rooms & Deep Wells: Various Locations project. The net increase also reflects the split-out of a project to rehabilitate the Rockwell Place Pump Room (+\$27.9 million), which was split out from the Additional Work: Line Equipment project.

+\$87.9 million

New York City Transit Line Structures Category T-807

In this amendment there is an increase in the Line Structures category (+\$87.9 million).

The largest increase is for elevated structure paint projects (+\$145 million). This net increase mainly reflects bidding results for recently awarded paint projects on the Broadway-7th Avenue, Myrtle, and Culver lines and a recently awarded column repairs project on the West End line (+\$136 million). While painting contracts also address steel defects on the structure, the number of repairs on the West End line warranted a separate stand-alone column repair project, which has been awarded separately in advance of the painting work. The net increase reflects the split-out of four projects for the recently awarded work (+\$474 million) from the Elevated Structure Painting and Repair project. In addition, there is an increase in painting projects on the Jamaica line (+\$6 million), due to conditions identified during construction. There are also three new projects added for additional costs on the White Plains Road and Dyre lines (+\$4 million), to provide additional budget support for projects that are primarily funded in prior capital programs, based conditions identified during construction. These increases were partially offset by savings in two small paint pilot projects on the Culver Line (-\$2 million), based on final costs at the completion of construction.

Elevated structure repair projects also see an increase (+\$130 million). This net increase mainly reflects the latest estimates for projects currently in design and bid results for a recently awarded project to repair expansion joints on the Broadway-7 Avenue Line (+\$117 million). The net increase reflects the split-out of the expansion joints project (+\$17 million) from the Elevated Structure Repairs: Various Locations project. There is also an increase in the Woodside Structures project (+\$12 million), due to conditions identified during construction.

Subway structure repair projects have a net decrease (-\$184 million). This net decrease primarily reflects the rescheduling of certain work to a future capital program that could not presently advance due to lack of track access availability, as well as new estimates and bid results for work that remains in this capital program (-\$182 million). The net decrease reflects the split-out of Line Structure Component Repair Program (LSCRP) projects on the 6 Avenue, Broadway-7 Avenue, 8 Avenue, Lexington, and Jerome lines (+\$265 million), design for a future LSCRP project on the 4 Avenue line (+\$2 million), two projects for the rehabilitation of emergency exits systemwide (+\$15 million), and a vent reconstruction project on the Canarsie line (+\$10 million). These projects were split out from the Subway Structure Repairs: Various Locations project. There are also savings in the 2021 emergency exits project and projects for ventilators between stations and LSCRP on Brighton line (-\$3 million), based on savings realized at project completion.

Miscellaneous Line Structure projects have a net increase (+\$18 million), due to new estimates and bid results. This net increase reflects the split-out of six projects for demolishing abandoned structures located throughout the subway network (+\$5 million), which were split out from the Miscellaneous Line Structure Investments project.

Stormwater protection projects have a net increase (+\$1 million), due to new estimates and bid results. This net increase reflects the split-out of a project that addresses a connection to the city sewer at 81st Street on the Broadway-7 Avenue Line (+\$10 million) from the Stormwater Mitigation: Various Locations project.

A new project has been added to perform minor outstanding work at the 63rd Street vent building related to the East Side Access project (+\$4.3 million).

There is a decrease in the Elevated Structure Netting project (-\$40 million), based on NYCT's evaluation of the performance of netting installed in earlier pilots. \$9.7 million remains in the project for locations where netting may be feasible and beneficial.

An administrative adjustment was made to three Rockaway Line rehabilitation projects (South Channel Bridge, Hammels Wye, and Over-Land Sections) to move budget related to insurance coverage to the Miscellaneous category (-\$9 million).

Lastly, there is a net increase in the projects for design of subway, elevated, paint, and miscellaneous structures work (+\$23 million), to complete the designs for all remaining work in this category.

-\$314.7 million

New York City Transit Signals & Communication Category T-808

In this amendment there is a net decrease in the Signal Modernization element (-\$423.3 million) as well as a net increase in the Communications element (+\$108.6 million).

Within the Signal Modernization element, there is a large decrease in the SigMod: 3 Lines and Associated Interlockings project (-\$577.2 million), which primarily reflects a revised estimate for upgrading the signals on the Fulton Line (with no reduction in the planned limits of work), as well as new scope to qualify an additional CBTC equipment supplier. This decrease reflects the split-out of a Rail Simulation Study project (\$0.6 million) from the SigMod: 3 Lines and Associated Interlockings project.

Partially offsetting this decrease, there are increases in several CBTC projects which are already underway. There is an increase in the project to install CBTC on Queens Boulevard East (+\$29.6 million), due to needs identified during construction. Likewise, there is a new project for additional costs for CBTC on Queens Boulevard West (+\$13.3 million), to provide additional budget support for a project that is primarily funded in prior capital programs, based conditions identified during construction. There is also an increase in the project for CBTC on the Crosstown line, based on a higher estimate to remove legacy signals after the completion of the CBTC installation contract (+\$15.4 million).

There is a net increase in the program to equip subway cars and work vehicles for CBTC operation (+\$35 million), based on new estimates, bid results, and needs identified during construction. This increase reflects the split-out of projects to equip R211 subway cars (+\$18.6 million), projects for preliminary work to equip B-Division cars with a second CBTC radio (+\$7.1 million), and a CBTC Carborne Equipment Purchase project (+\$2.2 million), of all of which were split out of the SigMod Equipment for Cars and Locomotives project.

Other than CBTC projects, there is also an increase in the System-Wide Signal Improvements project (+\$33.3 million), based on refined scopes and estimates developed during design. Partially offsetting this increase, there are savings realized at the completion of construction in the Mechanical Plug-In Timer Relays Replacement project (-\$4.8 million) and the Single Chip Ultra-Wideband (UWB) Interoperability Proof of Concept project (-\$10.7 million).

Lastly, there are increases in design and support projects. There is an increase in the system-wide CBTC General Engineering Consultant (GEC) services project (+\$3.6 million), based on needs to support all of the CBTC projects in this capital program through completion. Likewise, there is an increase in the Signal Modernization Design project (+\$38.1 million), to complete the designs of all of the CBTC, car equipment, and system-wide signal improvements projects.

In the Communications element, the increase is primarily due to a net increase in station information systems projects (+\$104 million), based on the latest estimates and bid results. This net increase reflects the split-out of the PA/CIS Upgrade: Canarsie Line, Phase 2 project (+\$83.3 million) from the Station Information Systems: Various Locations project.

There is also a net increase in communication network upgrade projects (+\$28 million), based on bid results. This net increase reflects the split out of the Upgrade ASYNC Fiber Optic Network Ring E project (\$32.8 million), the Connection Oriented Ethernet (COE) 3C project (+\$138.6 million), and the PSLAN Upgrades for PA/CIS Phase 0 project (+\$22.7 million), all of which were split out from the Comm Network Upgrades: Various Locations project.

There is also a net increase in communications cable projects (+\$21 million), based on a revised estimate for copper cable replacement. This net increase reflects the split-out of four projects for fiber optic cable replacement (+\$32.8 million) and one project for antenna cable replacement at Jay Street (+\$9.3 million) from the Fiber Optic Cable Replacement: Various Locations project and the Antenna Cable Replacement: Various Locations project, respectively.

There are also several smaller increases in this element. There is an increase in the Phone PBX Switch Upgrades: Various Locations project (+\$5.7 million), based on the latest estimate. There is a net increase in radio replacement projects (+\$2.7 million), based on bids received. This net increase reflects the split out of the VHF Radio Replacement project (+\$11.7 million) from the Subway Radio Equipment Replacement project. Likewise, there is a net increase in the track safety communications initiatives projects (+<\$1 million), due to needs identified during construction. This net increase reflects the administrative split-out of the Platform Camera Video Analytics project at 3 station complexes (+\$0.9 million), which was split out from the Track Safety Communications Initiatives Reserve. Lastly, there is a new project for additional support costs to complete ISIM B Module 3 (+\$0.8 million), to provide additional budgetary support for a project that is primarily funded in a prior capital program.

Partially offsetting these increases, there is a net decrease in security projects due to cost savings. Notably, there is a net decrease in Passenger ID CCTV projects (-\$42 million), based on bid results for the project that will complete the systemwide rollout of this technology. There is also a reduction in the electronic security system (ESS) project at Wall St and Broad St (-\$1.5 million), due to savings realized at the completion of construction. This amendment also reflects the split-out of two projects for design of ESS at station complexes on the 8 Avenue line (+\$1.8 million) from the Security Technology Upgrades: Various Locations project.

There is also a net decrease in the Small Business Mentoring Program - Communications project (-\$6.1 million), reflecting the award and completion of work at various locations. Lastly, there is a net decrease in communication room upgrades not performed by small business vendors (-\$3 million), based on bid results. This net decrease reflects the split-out of two

communication room projects (+\$18.1 million) from the Station Comm Room Upgrades: Various Locations project.

-\$13.4 million

New York City Transit Traction Power Category T-809

This amendment reflects a net reduction in traction power investments (-\$13.4 million), including a reduction in the Substations element (-\$76.6 million) and an increase in the Power Distribution element (+\$63.2 million).

The Substations element decrease is primarily due a net reduction to the Power Improvements, Various Locations project (-\$78.5 million), based on the latest strategy for priority power improvement work. Rather than expanding power capacity at this time, the reduction augments support in the Power Distribution element for projects addressing critical reliability needs, in addition to providing for other needs within the NYCT program. There is also a split-out of two projects to replace control and battery cable in two power control zones (+\$14.6 million) from the Power Improvements: Various Locations project.

Substation enclosure rehabilitation projects also have a net decrease (-\$23 million), based on bid results. There is an administrative split-out of three substation roof and enclosure projects (+\$32.3 million), which were split out from the Substation Enclosures: Various Locations project.

Similarly, substation equipment replacement projects have a net decrease (-\$7 million), based on bid results. There is a split-out of eight substation equipment projects (+\$102 million) from the Substation Equipment: Various Locations project. These include projects to replace various substation components such as transformers, DC lineup, and high-tension switchgear.

Offsetting those decreases is a net increase for substation renewal projects (+\$8.4 million), based on bid results. There is a split-out of six substation renewal projects (+\$275.6 million) from the Substation Renewals: Various Locations project.

There is also an increase in the Substation Design project (+\$23.6 million), to complete the designs for all of the substation renewal, equipment replacement, enclosure, and power improvement projects.

Lastly, four power improvement projects on the 63rd St and Jamaica lines have small increases and decreases based on final costs at the completion of construction, with no significant net change in their collective budgets.

In the Power Distribution element, there is an increase in the work included in the Miscellaneous Power Investments project (+\$59.8 million), based on the latest estimates for unawarded work. There is also a split-out of the Emergency Alarm Rollout Phase 1 project (+\$127.1 million) from the Miscellaneous Power Investments project.

There is also a net increase in the Circuit Breaker House (CBH) program (+\$1.5 million), based on needs discovered during construction of a project rehabilitating five locations. There is also a split-out of a project to rehabilitate one CBH at Concourse Yard (+\$5.9 million) from the Circuit Breaker Houses: Various Locations project.

There is an increase in the Power Distribution Design project (+\$11.1 million), to complete the designs for all of the CBH and miscellaneous power investment projects.

There is an increase in the Rebuild Ducts: Central Substation project (+\$0.6 million), due to additional work necessary to reach construction closeout. Offsetting these increases is a reduction in the Installation of Second Negative Rail project on the Dyre line (-\$9.9 million), due to savings realized at the completion of construction.

+\$153.1 million

New York City Transit Shops and Yards Category T-810

There is a net increase in the Shops and Yards category (+\$153.1 million).

This increase is primarily driven by the Westchester Yard Drainage Improvements project (+\$141.2 million), based on the latest cost estimate. This update reflects increased scope including required water detention tanks and a new pump station.

There is also a net increase in the shop component repairs program (+\$75 million), including the Shop Components: Various Locations project and the Shop Components Design project, based on updated estimates and bid results. This net increase reflects the split-out of projects for Heavy Shop Equipment at Various Locations (+\$11.2 million) and Coney Island Overhaul Shop Roof (+\$73.4 million) from the Shop Components: Various Locations project.

Partially offsetting this increase is a net decrease in the shop rehabilitation and reconstruction program (-\$60.9 million), primarily due to a revised strategy for addressing the obsolescence of NYCT's cable shop in Brooklyn. Rather than upgrade the existing cable shop, it was determined that a more cost-effective strategy is to outfit a new cable shop at a separate location. To execute this strategy, there is a split-out of a project for Improvements to New Cable Shop at 2016 Pitkin Avenue (+\$23.1 million) from the Shop Rehab/Reconstruct: Various Locations project.

There is also a net increase in yard lighting and fencing investments (+\$2.5 million), based on bid results. This net increase reflects the split-out of projects for yard lighting and fencing at Fresh Pond Yard (+\$24.5 million) and an Other Yard Designs project (+\$0.6 million) from the Yard Fencing/Lighting/Misc. Investments project.

There is a reduction in the Jamaica Yard Expansion Phase 1 – Design project (-\$4.7 million); construction of this project has not been prioritized for inclusion in the capital program.

There is a small net decrease in the yard track and switch replacement program (-\$0.2 million), which offsets a small net increase for mainline track and switch replacement (discussed in the Track category). This amendment also reflects the split-out of projects for the 2024 Yard Track and Switch programs (+\$6.7 million).

+\$6.5 million

New York City Transit Depots Category T-812

The Depots category is increased overall (+\$6.5 million), including an increase in the Depot Rehab & Reconstruction element (+\$9.8 million), partially offset by a decrease in the Depot Improvements element (-\$3.3 million).

The Depot Rehab & Reconstruction increase is primarily due to a net increase in the depot component repair program. There is a net increase in the Depot Component Repairs: Various Locations and Depot Component Repairs: Design projects (+\$7.9 million) based on the latest estimates. There is also a small net increase in a pair of Roof Topping & Expansion Joint Replacement projects (+\$0.5 million), based on final costs at the completion of construction.

There is also a new project added to this element for East New York Depot Windows and Façade (+\$1.1 million), to provide additional budget support for a project that is primarily funded in the 2015-2019 Capital Program, based on conditions identified during construction.

In the Depot Improvements element, there is a net decrease in the Automated Camera Enforcement (ACE) initiative, formerly known as the Automated Bus Lane Enforcement (ABLE) initiative (-\$23.1 million), due to the rescheduling of future project phases. This net decrease reflects the split-out of projects for Phase 2B, Phase 3, and Phase 4 of the rollout (+\$53.9 million) from the Automatic Bus Lane Enforcement (ABLE), Phase 2 project. There is also a decrease in the Eltingville Park & Ride Expansion project (-\$1.1 million), due to reduced support cost needs realized during construction.

Partially offsetting these decreases, there is an increase in the Bus Radio project (+\$14.7 million), to address needs identified during construction and provide budgetary support through the substantial completion of this system-wide project. Finally, there is a net increase in Miscellaneous Depot Investments (+\$6 million), based on the latest estimates and bid results. This net increase reflects the split-out of the Portable Bus Lift / Equipment Replacement project (+\$4.7 million) from the Miscellaneous Depot Investments project.

-\$61.1 million

New York City Transit Service Vehicles Category T-813

The decrease in this category reflects a net reduction in work train projects (-\$63.6 million), primarily due to the rescheduling of planned purchases for signal supply cars and refuse flat cars to coordinate with the purchase of new A-Division subway cars in a future capital program. This net reduction also reflects the split-out of the Critical Systems Upgrade of Track Geometry Cars project (+\$10 million) from the Purchase Various Work Train Cars project.

Slightly offsetting the reduction in work train projects is a net increase in non-revenue vehicle projects (+\$2.5 million), based on the latest prioritization of non-revenue vehicles to be purchased. This net reduction also reflects the split-out of the Non-Revenue Vehicles 2023 project (+\$17.1 million) from the Purchase Rubber Tire Vehicles project.

-\$162.8 million

New York City Transit Miscellaneous Category T-816

The Miscellaneous investment category has an overall net decrease (-\$162.8 million), resulting from changes in several elements.

There is a net decrease in the Miscellaneous element (-\$190.1 million). This is primarily due to a reduction in the Authority-Wide Contingency (-\$257.6) to support needs across the NYCT program of projects. There is a net increase across several insurance projects, reflecting a decision to insure more projects through the Owner-Controlled Insurance Program (OCIP), along with an increase in costs for the All-Agency Liability Insurance project. OCIP was also reduced by (-\$4 million) to support a new OCIP safety consultant project in the MTA Interagency portion of the capital program. There is also a new project for Capital Revolving Fund 2025 (+\$5.0 million), which was created to provide a sixth annual allocation of that fund in advance of the approval of the 2025-2029 Capital Program. The net decrease in this element reflects the split-out of year-specific projects for OCIP and Capital Revolving Fund from the Insurance to Support Capital Program project and the Capital Revolving Fund project, respectively.

The Management Information Systems element remains unchanged in this amendment.

There is a net reduction in the Engineering Services element (-\$14.9 million). This includes deprogramming the Utica Ave Corridor Study EIS project (-\$5 million), because future activities for this study are no longer anticipated; and a reduction in the Small Business Program Administration project (-\$1.1 million). The Scope Development and Design Reserve project is also reduced (-\$24.7 million), based on updated projected needs. These decreases are partially offset by a net increase in several engineering services projects (+\$16 million), based on the latest estimates for remaining program needs. This net increase reflects the split-out of several projects including GO Support - Traffic Checkers 2024 (+\$10.0 million), Test Pits and Test Holes at Various Locations (+\$11.1 million), Land Borings at Various Locations (\$7.1 million), and Structural Testing Systemwide (<\$1 million) from the Engineering Services to Support Capital Program project.

There is a net reduction in the Environmental Safety element (-\$1.4 million). This is primarily due to a decrease in the Fire Alarms and Sprinklers: Various Locations project (-\$6.21 million), based on bids received. This reduction is partially offset by an increase in the Environmental Remediation project (+\$4.7 million), based on the latest estimates.

There is a net increase in the Employee Facilities element (+\$43.5 million).

Several projects in this element have increased due to conditions identified during construction and closeout: EMD Facility: Hoyt-Schermerhorn FUL (+\$9.3 million); Livingston Plaza Elec, Mechanical, Generator Ph. B (+\$5.1 million); and EFR Consolidation: 2 Ave / 6AV (+\$2 million). Partially offsetting these increases, two projects realized savings at closeout: EDR Water Remedy and Equipment Replacement (-\$0.4 million) and EFR Bathroom and Breakroom Ph2 (-\$0.3 million).

There is a net decrease in subways employee facilities repair (EFR) projects that are not yet awarded or were recently awarded (-\$3 million), based on the latest scopes, estimates, and bid results. This net decrease reflects the split-out of nine projects, including the Crew Quarters (EMD) – 7th Ave Station / 6AV project (+\$19.1 million), the EFR: 5 Locations ICC project (+\$12.3 million), the EFR at ADA locations project (+\$7.2 million), and six smaller projects (+\$18 million) from the Subways Employee Facilities: Various Locations project.

There is an increase in the Employee Facilities Design project (+\$12.7 million), to complete the designs for all remaining employee facility projects.

There is a net increase to the Misc./Administrative Facility Investments project (+\$10.0 million), based on revised scopes and updated estimates for several initiatives. This net increase reflects the split-out of early project elements at the Rail Control Center Annex and 130 Livingston Street (\$0.6 million).

There is also a net increase in the facility elevator program (+\$5 million), based on the latest scope and bid results.

Lastly, there is a new project for perimeter hardening at the power control center (+\$2.8 million), which was rescheduled from a prior capital program.

+\$61.9 million

Staten Island Railway SIR Category S-807

In this amendment there is an increase in the Staten Island Railway category (+\$61.9 million).

This increase is primarily due to increases in the Bridge Structures: Various Locations project (+\$41.7 million) and the Station Components: Various Locations project (+\$27.1 million), based on conditions identified during design that led to refined scopes and estimates. Partially offsetting these increases, there is a decrease in the track and switch replacement program based on bids received (-\$7.1 million).

There is no net change to the budget for ADA work in this category. There is a split-out of a project for ADA accessibility at Huguenot station (+\$32.3 million) from the ADA: Station Reserve project. The ADA: Station Reserve project retains funds for ADA accessibility at one remaining station, Clifton.

Elements Exceeding 10 Percent of the Approved Program

Pursuant to the Public Authorities Law, changes to elements that are greater than 10% require approval of the Capital Program Review Board to be progressed. Table 4 shows those elements of the program that have grown by greater than 10% versus the last CPRB-approved program amendment. CPRB approval is necessary to progress these work elements, to the extent element amounts have increased by greater than 10%.

Table 4
NYCT Elements with Increases Exceeding 10 Percent (\$ in millions)

Element	July 2023 Amendment #3	Proposed Program	Change
Line Equipment	\$362.8	\$488.3	\$125.5
Power Distribution	418.6	481.8	63.2
Shops and Yards	508.3	661.4	153.1
Employee Facilities	429.5	473.0	43.5
Staten Island Railway	393.0	454.9	61.9

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Long Island Rail Road

MTA Capital Program 2020-2024



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Overview - Long Island Rail Road

Amendment #5 proposes to decrease the LIRR's 2020-2024 Capital Program envelope from \$3.446 billion to \$3.443 billion. This (-\$3.8 million) net decrease represents the LIRR's contribution to MTA-wide capital program administrative and insurance costs.

The amendment includes funding transfers within as well as between asset categories in support of ongoing project initiatives.

Table 5 summarizes the proposed changes by category, and the following narrative highlights the major changes in each of the LIRR's program categories.

Table 5
LIRR 2020-2024 Capital Program by Category (\$ in millions)

Category	July 2023 Amendment #3	Proposed Program	Change
Rolling Stock	\$148.2	\$162.7	\$14.6
Stations	802.6	803.4	0.8
Track	1,052.3	1,133.4	81.1
Line Structures	271.0	280.8	9.8
Communications and Signals	452.1	394.7	(57.4)
Shops and Yards	230.2	192.5	(37.7)
Power	263.0	257.4	(5.6)
Miscellaneous	227.0	217.7	(9.3)
Total LIRR Program	\$3,446.4	\$3,442.6	(\$3.8)

Numbers may not total due to rounding

+\$14.6 million

Long Island Rail Road Rolling Stock Category L-801

The LIRR's Rolling Stock category increases (+\$14.6 million) in this amendment.

To support the purchase of Dual-Mode Locomotives, which will be utilized for LIRR's revenue train service, \$93.1 million is added to the project's budget. This funding was made available by deferring the purchase of Work Locomotives (-\$49.9 million) and the Purchase of Coaches (-\$35.0 million). The approved 2025-2029 Capital Program includes budgets for the work locomotives and coaches.

+\$0.8 million

Long Island Rail Road Stations Category L-802

The Stations category increases (+\$0.8 million) in this amendment.

Within the Stations category, split-outs shift budgets from the Station Platform Components project (-\$146.3 million) to ADA Package 2, in order to address station platform components at Babylon, Forest Hills and Hollis stations being undertaken as part of the ADA Package 2 bundle. A budget increase for the Station Building Components project (+\$5.7 million) supports additional station component work. Funding shifts have also been made between station projects progressing as part of ADA Package 1, a bundle which includes nine LIRR stations, to support project costs as construction continues. As result of project sequencing, funding for the Elevator Replacement project has been reduced (-\$6.4 million), as only design is being progressed in 2020–2024 Capital Program with construction budgeted in the 2025–2029 Capital Program. Budget has been reallocated from the Mets-Willets EIS Relocation project (-\$8.4 million) to the Rolling Stock asset category to support the Dual Mode locomotives project.

+\$81.1 million

Long Island Rail Road Track Category L-803

The Track category increases (+\$81.1 million) in this amendment.

As part of this amendment, a funding increase in the 2020 Annual Track Program project (+\$72.3 million) supports ongoing track work in the Queens Interlocking. In order to optimize train routing on both the Main Line and the Hempstead Branch, and to adjust to new train operations following the opening of Grand Central Madison and Elmont-UBS Arena service, additional track, switch, and signal upgrades are being undertaken within the Queens Interlocking.

The Amtrak Territory Investments project is being increased (+\$57.0 million) to support West Side Yard Flood Wall construction, an infrastructure resiliency project important for both LIRR and Amtrak operations.

Budget decreases in the Jamaica Capacity Improvements (JCI) – Reserves project (-\$6.6 million) and in the Other Track Improvements – Reserve (-\$52 million) redistributes funds to the West Side Yard Flood Wall construction as well as LIRR priority needs elsewhere in the capital program. The West Side Yard Flood Wall project has a separate supporting budget in the LIRR's Sandy portion of the 2010-2014 Capital Program.

A proposed increase in the Yard Track Rehabilitations project (+\$17 million) will allow prioritized cyclical investment in yard tracks to advance.

+\$9.8 million

Long Island Rail Road Line Structures Category L-804

The Line Structures category increases (+\$9.8 million) in this amendment.

An adjustment moves budget from the Painting, Drainage & Waterproofing of Bridges allowance into newly created projects for South Shore Bridge Painting (+\$16.5 million) and Valley Stream Viaduct (+\$8 million). A similar adjustment in the Miscellaneous Bridge Work project (\$46 million) is being combined with funding from other projects to create a new project for the Replacement of Three East End Bridges (+\$71.7 million).

In the Tunnel element, a budget shift (-\$10 million) into the Bridge element supports the Replacement of Three East End Bridges project, with adjustments shifting budgets into the Small Business Mentoring Program for Tunnels Projects (+\$7.2 million), progressing work at the 86th Street and 113th Street Hatchways of the Atlantic Avenue Tunnel.

-\$57.4 million

Long Island Rail Road Communications and Signals Category L-805

The overall Communications and Signals asset category decreases (-\$57.4 million) in this amendment.

In the Communications element, a budget reduction to the Improved Radio Coverage Initiative / FCC Mandates project (-\$1.1 million) supports ongoing work under the Babylon to Patchogue signal project.

In the Signals element, a reduction to the Hunt to Post Signals project (-\$67.6 million) allows funding to be re-allocated to other signal needs, supporting ongoing construction in both Queens Interlocking and the Babylon to Patchogue segment of the Montauk Branch. Due to project sequencing, Hunt to Post is unable to progress as part of the 2020–2024 Capital Program and is now included in the approved 2025–2029 Capital Program; its former budget is reallocated as part of this amendment to support other LIRR needs.

-\$37.7 million

Long Island Rail Road Shops and Yards Category L-806

The Shops and Yards category decreases (-\$37.7 million) in this amendment.

Administrative adjustments decrease the Shop Improvements at Various Locations (-\$49 million) and Yard Improvements at Various Locations (-\$5.3 million) projects, allowing for transfers of funding to support construction at West Side Yard and at Mid-Suffolk Yard in Ronkonkoma. Funding shifts within the Employee Facilities element supports ongoing construction at the Bethpage Facility. This includes an increase to the Small Business Development Program - Employee Facilities (+\$6.8 million) as well as an increase to the Rehabilitation of Employee Facilities – Bethpage SBDP project (+\$9.8 million).

-\$5.6 million

Long Island Rail Road Power Category L-807

The Power category is reduced (-\$5.6 million) in this amendment.

The Substation Replacements project budget has been decreased (-\$39 million), in order to address other Power investment needs. Newly created projects in this category include Penn Station Substation (E01) Hardening (+\$18.12 million) and Substation Replacement Preliminary Design (\$3 million), a project that will support substation replacement in the 2025-2029 Capital Program. A budget increase to Power SCADA System (+\$8.4 million) supports ongoing efforts to replace the Power Supervisory Control and Data Acquisition (SCADA) system in Jamaica.

-\$9.3 million

Long Island Rail Road Miscellaneous Category L-809

The Miscellaneous asset category is reduced (-\$9.3 million) in this amendment.

Reductions to the Program Administration (-\$3.9 million) and Program Development (-\$6.5 million) address funding needs elsewhere in the capital program. While administrative funding moves within the category increase the Owner Controlled Insurance Program (+\$7.4 million), in support of ongoing 2020–2024 Capital Program construction projects.

A reduction to the LIRR's capital program (-\$3.8 million) from this category shifts funding to address MTA-wide insurance and program administrative costs that are included in changes to the MTA Interagency projects in this amendment.

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Metro-North Railroad

MTA Capital Program 2020-2024



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Overview - Metro-North Railroad

The proposed amendment decreases Metro-North's 2020-2024 Capital Program from \$3,407.9 million to \$3,404.2 million. This overall decrease reflects the transfer of \$3.8 million to MTA Interagency to support MTA-wide capital program needs.

This full program amendment modifies the originally approved plan to focus on critical needs in line with customer benefits, reflect recent bids, and align resources for updated funding, project schedules, track access, and updated procurement processes. This includes the second phase of the GCT Fire Standpipe, which will replace fire life safety equipment that is beyond useful life. Metro-North has added the design of the Poughkeepsie Station, to rebuild the critical customerfacing platform elements.

As a result, some planned work is now rescheduled for a future capital program. Work that is already underway in this program, such as the phased replacement of the Grand Central Terminal (GCT) Train Shed and the replacement of aged and deteriorated station platforms on the Harlem Line will continue in the next capital program.

Table 6 and the discussion that follows summarize the proposed changes to Metro-North's 2020-2024 Capital Program by investment category.

Table 6
Metro-North Proposed 2020-2024 Capital Program by Category (\$ in millions)

Category	July 2023 Amendment #3	Proposed Program	Change
Rolling Stock	\$725.7	\$725.7	\$0.0
Stations	889.5	909.8	20.3
Track and Structures	1,392.4	1,350.8	(41.7)
Communications and Signals	106.7	82.4	(24.3)
Power	157.0	165.8	8.8
Shops and Yards	15.6	15.6	0.0
Miscellaneous	121.0	154.0	33.1
Total Metro-North Railroad Program	\$3, 407.9	\$3,404.2	(\$3.8)

Numbers may not total due to rounding

No change

Metro-North Railroad Rolling Stock Category M-801

The Metro-North investments in this category are unchanged at \$725.7 million.

The replacement and modernization of the fleet that supports East of Hudson service on the Hudson and Harlem Lines is ongoing. These include the ongoing purchase to replace the 27-unit dual-mode locomotive fleet, as well as the base order of M9A electric cars to replace the M-3 fleet, which has exceeded its useful life. The M9A award was approved by the MTA Board in June 2025 and includes budget from both this and prior capital programs for both Metro-North and the LIRR.

+\$20.3 million

Metro-North Railroad Stations Category M-802

This category increases (+\$20.3 million) in this amendment.

In the Grand Central Terminal element, work continues as budgets have shifted reflecting changes in project scopes. The GCT Fire Standpipe Phase II (+\$6 million) to replace standpipes throughout the upper level of the terminal was increased to reflect current estimates. Small Business Mentoring Program Project Track 94 Storage Room (+\$2 million) will go ahead as planned, while the GCT – Small Business Mentoring Program project Park Avenue Tunnel emergency exits at 72nd Street (-\$3.0 million) and W. 59th Street (-\$3.2 million) are now reprogrammed to the 2025-2029 Capital Program.

The Outlying Stations element was increased by (+\$34.4 million). New Fare Payment Equipment was increased (+\$28.2 million). The Three Bronx Stations project (+\$9.7 million), construction for which is now underway, was increased based on the budget at award. Preliminary design of the next block of Harlem stations is proceeding with Harlem Line Station Renewals (-\$4.1 million) and the Harlem Line 5 Station Design (+\$7.6 million). On the Hudson Line, Poughkeepsie Station Design (+\$5 million) will produce preliminary designs to renew station platforms and replace an aging staircase. Construction for all three station design efforts will be reprogrammed into the next program.

In the Parking element, new Small Business Mentoring Program Parking projects totaling \$6.8 million are being progressed at Riverdale, Fleetwood, and Poughkeepsie Stations.

-\$41.7 million

Metro-North Railroad Track and Structures Category M-803

This category is reduced (-\$41.7 million) in this amendment.

In the Track element, Turnouts (-\$1.2 million) and Rock Slope Remediation – East of Hudson (-\$1.8 million) are reduced to reflect the actual needs upon completion. Right of Way Drainage Improvements decreases by (-\$4.0 million). Slope Stabilization in Yonkers (+\$11.0 million) will improve drainage and stabilize the slope along a section of right of way by Warburton Avenue. Maintenance of Way Work Equipment (+\$2.8 million) is increased to address inflation and supply chain issues, thereby proceeding with the planned replacement of vital equipment.

In the Structures element, F/A Undergrade Bridge Repair increases (+\$1.5 million) to account for the updated needs of the 2024 scope of the project. The increases are partially offset by projects updated to reflect a change in timing of implementation, including the Replace Undergrade Bridge Timbers project (-\$2.1 million), Bridge Walkways (-\$0.6 million), and East of Hudson Undergrade Bridge Program (-\$0.3 million).

In West of Hudson element, there are multiple reductions totaling (-\$38.6 million). Decreases within this element include West of Hudson Infrastructure Improvements (-\$15.8 million); West of Hudson Undergrade Bridges (-\$9.7 million); West of Hudson Track Program (-\$7.4 million); and Small Business Mentoring Program reserves (-\$5.7 million). \$188.4 million remains in this element to address West of Hudson needs.

Metro-North Railroad Communications and Signals Category M-804

-\$24.3 million

This category is reduced (-\$24.3 million) in this amendment.

The Radio System project (+\$9.7 million) increased to reflect a higher bid at award. Positive Train Stop Release (-\$25.0 million) has been reprogrammed to the 2025-2029 Capital Program. Other projects including Station PA System, CCTV, and Network Infrastructure are proceeding.

+\$8.8 million

Metro-North Railroad Power Category M-805

This category is increased (+\$8.8 million) in this amendment.

In the Power category, the Pelham Substation replacement project was increased (+\$11.4 million) due to updated third party cost estimates. Work at two New Haven Line Substations, substations #128 and #178 (+\$0.5 million), as well as the design effort for the Harlem Line Substation at Claremont, are ongoing.

No change

Metro-North Railroad Shops and Yards Category M-806

Investments in the category remain unchanged at \$15.6 million in this amendment.

In this category, the Upgrade Automotive Fuel System project was recently completed. The Small Business Mentoring – Shops and Yards will begin shortly with There are two projects: Upgrade Automotive Fuel Systems and Security Booth Replacement at three Metro-North Yards.

+\$33.1 million

Metro-North Railroad Miscellaneous Category M-808

This category is increased by (+\$33.1 million) in this amendment.

In this category, revised estimates for Program Administration increases by \$3.2 million. Systemwide Security Initiatives (+\$22.0 million) increases to fund the first construction package of the GCT Security project. Environmental Remediation (-\$0.8 million) and Systemwide Lead/Asbestos Abatement (-\$0.3 million) are updated to reflect ongoing needs.

Elements Exceeding 10 Percent of the Approved Program

Pursuant to the Public Authorities Law, changes to elements that are greater than 10% require approval of the Capital Program Review Board to be progressed. Table 7 shows those elements of the program that have grown by at least 10% versus the last CPRB-approved program amendment.

Table 7
Metro-North Elements with Increases Exceeding 10 Percent (\$ in millions)

Element	July 2023 Amendment #3	Proposed Program	Change
Outlying Stations	\$273.6	\$308.1	\$34.4
Miscellaneous	121.0	154.0	33.1

Numbers may not total due to rounding

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MTA Bus Company

MTA Capital Program 2020-2024



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Overview - MTA Bus Company

Amendment #5 proposes to adjust the content of the MTA Bus Company's 2020-2024 Capital Program. The total value of the revised program is \$839.2 million, which is a (-\$0.1 million) reduction from Amendment #3.

Amendment #5 reflects a net increase within the various bus purchase projects, which is offset by a net decrease in depot and technology projects and a net decrease in program services and reserves. These changes are based on the latest estimates and priorities.

This amendment also reflects the split-outs of some work from existing projects into new individual projects. These split-outs are being implemented at the time of contract's award to provide better budget control and transparency.

Table 8 and the following discussion summarize the proposed changes to the MTA Bus Company's 2020-2024 Capital Program.

Table 8
MTA Bus Proposed 2020-2024 Capital Program by Category (\$ in millions)

Category	July 2023 Amendment #3	Proposed Program	Change
MTA Bus Company Projects	\$839.3	\$839.2	(\$0.1)
Total MTA Bus Program	\$839.3	\$839.2	(\$0.1)

Numbers may not total due to rounding

-\$0.1 million

MTA Bus Company Bus Company Projects Category U-803

MTA Bus has a (-\$0.1 million) net reduction in this amendment. There is an increase within the various bus purchase projects (+\$31 million), which is offset by net decreases in depot and technology projects (-\$21 million) and in program services and reserves (-\$9 million). The (-\$0.1 million) reduction to the program is due to an administrative transfer to MTA Interagency.

In this amendment, there is a net increase in bus purchase projects (+\$31 million), due to economic factors driving inflation of component costs and labor. This includes an increase in the Purchase 250 Express Buses project (+\$14 million), based on bids received. The amendment also includes an increase in the Purchase 110 Standard CNG Buses project (+\$17 million), based on the latest estimates; the 110 buses will be procured with separate contracts for 90 and 20 buses. The total quantity of buses purchased in this capital program for the MTA Bus Company fleet remains unchanged.

There is a net decrease in depot and technology projects (-\$21 million); the Electric Fleet Modification at one MTA Bus Depot project has been moved to a future capital program (-\$20 million). This depot reconfiguration is not needed at the current stage of the electric bus rollout. Reprioritization has also informed the rescheduling of the Traffic Signal Priority project to a future capital program (-\$0.2 million).

Project split outs include: Generator Replacement at Spring Creek and College Point Depots (+\$18 million), Boiler Replacement at LaGuardia and Spring Creek Depots (+\$3 million), HVAC / CNG projects at Spring Creek and College Point depots (+\$34 million), Portable Bus Lift / Equipment Replacement (+\$5 million), and technology projects for the rollout of Automated Camera Enforcement (ACE) and the Bus Radio System (+\$3 million). These projects were split out from the Depot Component Repairs: Various Locations, Miscellaneous Depot Investments and Bus Systems projects.

There is a net decrease in program services and reserves (-\$9 million), including a decrease in Project Engineering and Administration (-\$11 million), partially offset by increases in Design Services and MTA Bus program contingency (+\$2 million). These changes reflect the latest forecasted needs to support the MTA Bus 2020-2024 Capital Program through its completion.

Interagency

MTA Capital Program 2020-2024



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Overview - MTA Interagency

Amendment #5 increases the overall value of the MTA Interagency portion of the 2020-2024 Capital Program by \$28.7 million reflecting budget transfers from other agencies. Within MTA Interagency there is a transfer from MTA Planning and Capital Program Support to the MTA Construction & Development category.

These changes are highlighted at the category level in Table 9 below.

Table 9
MTA Interagency 2020-2024 Capital Program by Category (\$ in millions)

Category	July 2023 Amendment #3	Proposed Program	Change
MTA Mentoring Program Administration	\$8.3	\$28.5	\$20.1
MTA Police Department	38.9	38.9	0.0
MTA Planning and Capital Program Support	95.0	36.0	(59.0)
MTA Construction & Development	25.5	93.1	67.6
Total MTA Interagency Program	\$167.8	\$196.5	\$28.7

Numbers may not total due to rounding

MTA Interagency MTA Mentoring Program Administration Category N-800

+\$20.1 million

In this proposed amendment the MTA's Mentoring Program administration project increases (+\$20.1 million) due to transfers from individual agency capital program budgets to support a new MTA Board-approved contract supporting the MTA's Small Business Development Program. This category was previously established with transfers totaling \$4.2 million from MTA agencies' budgets to support the administration of the MTA's Mentoring Program. It later grew to \$8.3 million in Amendment #3.

This administrative project also exists in the ongoing 2015-2019 Capital Program and was similarly established and maintained with transfers from MTA agencies' budgets.

No change

MTA Interagency MTA Police Department Category N-810

This category's overall budget is not changing as a part of this capital program amendment; the mix of projects remains the same.

MTA Interagency -\$59.0 million MTA Planning and Capital Program Support Category N-811

This category is decreasing (-\$59.0 million) due to a transfer of the \$60.0 million budget for Capital Program Support to the MTA Construction & Development category. Partly offsetting this overall reduction is an increase of +\$1.0 million additional needs to support planning studies.

+\$67.6 million

MTA Interagency MTA Construction & Development Category N-813

This category increases (+\$67.6 million) in this amendment.

There are three increases included in this amendment. The first is a +\$2.6 million increase to C&D's administrative project due to a replenishment of reserves for additional costs. Supporting budget transfers come from other agencies' capital program budgets. The second is the establishment of a new \$5.0 million project to address OCIP safety inspection requirements that are part of the OCIP program. This project is being created with administrative transfers from NYCT (+\$4.0 million) and (+\$0.5 million) each from both LIRR and Metro-North. Finally, a \$60.0 million reserve previously budgeted in the MTA Planning and Capital Program Support category has been transferred into the MTA Construction & Development category. A new \$60.0 million project has been created as part of this amendment to address MTA C&D's support needs, primarily direct and indirect costs for staff. This is part of the continuing transition of administrative costs from each agency to consolidated MTA C&D.

Elements Exceeding 10 Percent of the Approved Program

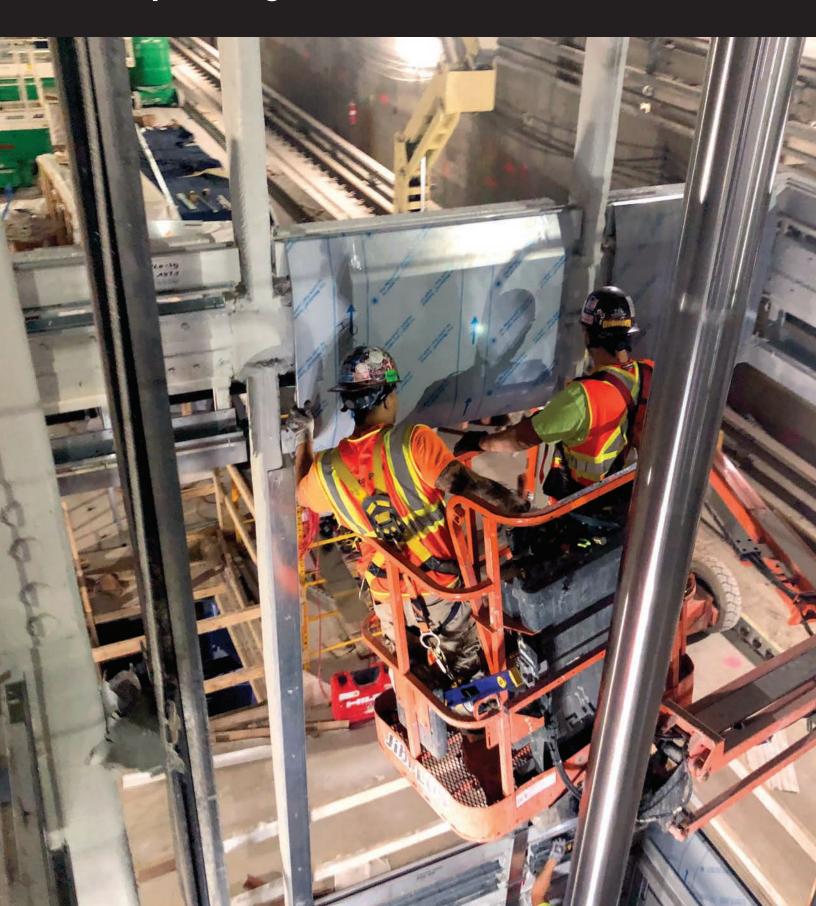
Pursuant to the Public Authorities Law, changes to elements that are greater than 10% require approval of the Capital Program Review Board to be progressed. Table 10 shows those elements from the program that have grown by greater than 10% versus the last CPRB-approved program amendment. CPRB approval is necessary to progress these work elements, to the extent that element amounts have increased by greater than 10%.

Table 10
MTA Interagency Elements with Increases Exceeding 10 Percent (\$ in millions)

Element	July 2023 Amendment #3	Proposed Program	Change
MTA Mentoring Program Administration	\$8.3	\$28.5	\$20.1
MTA Construction & Development	25.5	93.1	67.6

Network Expansion

MTA Capital Program 2020-2024



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Overview - Major Projects and Expansion

As compared to Amendment #3, Amendment #5 proposes to increase the overall budget for the Major Projects and Expansion program by \$63.7 million from \$10.291 billion to \$10.355 billion. This net increase includes the impacts of additions of \$120.1 million to the capital program approved in Amendment #4 (a letter amendment) as well as the impacts to projects in Amendment #5 including a (-\$56.7 million) decrease to the Penn Reconstruction project. Penn Reconstruction is being reduced now that Amtrak is taking the lead on the station's future redevelopment.

Table 11 and the following discussion summarize adjustments to the proposed 2020-2024 Capital Program by investment category/element.

Table 11

Major Projects and Expansion Proposed 2020-2024 Capital Program (\$ in millions)

Category/Element	July 2023 Amendment #3	Proposed Program	Change
Interborough Express (IBX)	\$0.0	\$58.3	\$58.3
East Side Access	798.2	798.2	0.0
Second Avenue Subway Ph. 2	5,233.2	5,233.2	0.0
Second Avenue Subway West	0.0	16.0	16.0
Penn Station Access	2,948.7	2,948.7	0.0
LIRR Expansion Project	438.5	438.5	0.0
Regional Investments	640.5	640.5	0.0
Penn Reconstruction	100.0	90.0	(10.0)
Miscellaneous/Administration	131.8	131.2	(0.5)
Total MTA Expansion	\$10,290.9	\$10,354.6	\$63.7

Numbers may not total due to rounding

Major Projects and Expansion Interborough Express Category G-808

+\$58.3 million

This project was established by a letter amendment to the CPRB in October 2024 (Amendment #4). Portions of this project have been created in the 2025-2029 Capital Program's budget for IBX, but the overall budget of \$58.3 million remains unchanged in this 2020-2024 Capital Program.

Major Projects and Expansion East Side Access Category G-809

No change

There have been adjustments to estimates and the timing of commitments within the program, but the overall budget of \$798.2 million remains unchanged in this current amendment. The \$194.5 million budgeted for the LIRR's M9A fleet was committed in June 2025.

+\$16.0 million

Major Projects and Expansion Second Avenue Subway Category G-810

There is \$5.249 billion in the 2020-2024 Capital Program for Second Avenue Subway investments. This total includes \$5.233 billion for Second Avenue Subway Phase 2, which remains unchanged. The amendment also reflects additional funding of (+\$16.0 million) for the future Second Avenue Subway West project which was Board and CPRB approved in Amendment #4.

Second Avenue Subway Phase 2. In this amendment Second Avenue Subway Phase 2 includes a reallocation of budgets between Heavy Civil construction, Finishes & Fit-out, and Second Avenue Subway Program Contingency to recognize the award value of Contract 2 Heavy Civil construction. This reallocation does not change the existing \$5.233 billion funding envelope.

Second Avenue Subway West. This amendment also recognizes additional funding (+\$16.0 million) for the future Second Avenue Subway West project that was previously added in Amendment #4. Second Avenue Subway West is not part of the Second Avenue Subway Phase 2 project or budget and is not included in the previously mentioned FTA Full Funding Grant Agreement.

Major Projects and Expansion Penn Station Access Category G-811

No change

This amendment reflects a previous reallocation from the project's fleet reserve to support a locomotive procurement for this project totaling \$314.1 million. Other than this reallocation, there have been changes to estimates and the timing of commitments within the program, but the overall budget of \$2,948.7 million remains unchanged. A notable commitment is the \$276.0 million locomotive purchase for the future PSA fleet, which was awarded in early 2025.

Penn Station Access also has an additional budget of \$430.5 million in the 2015-2019 Capital Program.

Major Projects and Expansion LIRR Expansion Project Category G-813

No change

There have been changes to estimates and the timing of commitments within the program, but the overall budget of \$438.5 million remains unchanged in this amendment.

Major Projects and Expansion Regional Investments Category G-814

No change

Since Amendment #3, the overall value Regional Investments in the 2020-2024 Capital Program remains \$640.5 million.

This amendment recognizes some changes within Regional Investments. The budget for Eastbound Reroute has been increased to reflect a higher cost (+\$51.2 million). The Westbound Bypass has been deferred and is anticipated to be addressed in a future program with some support from this program: (-\$80.3 million) of Westbound Bypass budget has been redistributed within Regional Investments to address other programmatic needs.

The \$50.0 million budgeted for the LIRR's M9A fleet was committed in June 2025.

-\$10 million

Major Projects and Expansion Penn Reconstruction Category G-815

With Amtrak now assuming the lead for Penn Station's future redevelopment, the MTA has transferred responsibility of the MTA Penn Staton Reconstruction project to Amtrak and has therefore reduced the project's budget (-\$56.7 million) to reflect the release of unspent resources from this project. The reduction represents a net reduction (-\$10.0 million) since Amendment #3.

In order to illustrate sequencing, a brief summary of this project follows: This project was established in the MTA's capital program via Amendment #2 to the 2020-2024 Capital Program and was planned to be funded by New York State. The budget was increased (+\$46.7 million) in Amendment #4 to recognize anticipated cost sharing from New Jersey Transit and Amtrak. Current budget levels are now being reduced by (-\$56.7 million) in Amendment #5 following direction from the federal government designating Amtrak as the lead agency for the Penn Station redevelopment.

Major Projects and Expansion Miscellaneous Category G-816

-\$0.5 million

The minor reduction (-\$0.5 million) in this category reflects a transfer to the MTA Interagency program for SBDP administration.

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Bridges & Tunnels

MTA Capital Program 2020-2024



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Overview – Bridges and Tunnels

Amendment #5 proposes to reduce B&T's 2020-2024 Capital Program to \$3.250 billion in order to reflect savings from the \$503 million originally budgeted to monies spent and needed for the closeout of the now operational Central Business District Tolling Program. In addition, many of the other construction projects initiated earlier in the program are reaching substantial completion, which allows the Authority to reallocate unused project contingencies and reserves to new needs or to budgets for remaining uncommitted projects to reflect updated estimates based on further developed project designs. The primary focus of Amendment #5 consists of the addition of a new project to install a safety fence on the Throgs Neck Bridge. A key part of this reallocation is ensuring sufficient funding for the critical project for Rehabilitation of the Tunnel Entrance/Exit in Manhattan at the Hugh Carey Tunnel in this program, which was recently awarded.

This amendment also formally adjusts several project budgets for projects awarded in previous years based on the awarded values. Table 12 outlines the changes in the Authority's program.

Table 12
Bridges and Tunnels 2020-2024 Capital Program by Category (\$ in millions)

Category	July 2023 Amendment #3 *	Proposed Program	Change
Structures	\$1,320.8	\$1,325.6	\$4.8
Roadways & Decks	755.5	720.4	(35.1)
Toll Plazas & Traffic Management	45.3	49.3	4.0
Utilities	211.6	231.5	19.9
Buildings & Sites	49.8	50.2	0.5
Miscellaneous	105.2	97.9	(7.3)
Structural Painting	335.1	346.3	11.2
Central Business District Tolling	503.0	428.6	(74.4)
Total B&T Program	\$3,326.2	\$3,249.8	(\$76.5)

^{*} B&T's capital program only requires MTA Board approval and was fully approved in June 2023. CPRB approval for the rest of the MTA program occurred in July 2023.

Numbers may not total due to rounding

In addition to the safety fence on the Throgs Neck Bridge, another new project to support preliminary design for main cable dehumidification at the Throgs Neck Bridge will also be added for administrative purposes, to provide a budget counterpart to the existing previously established similar design effort at the Bronx-Whitestone Bridge.

Budgets being reallocated to fund these new projects consist primarily of a range of recently completed projects which no longer require the maintenance of a project contingency to proceed to project closeout. The largest of these donor projects is the paint reserve at the RFK Bridge, which will be releasing funding (-\$6 million).

Beyond the above-mentioned project contingency releases, (-\$3.0 million) in Small Business Development Program reserves will be released because the associated project was previously completed under the B&T Sandy Capital Program. In addition, funds (-\$5.7 million) from various Miscellaneous category reserves (Protective Liability Insurance, Hazardous Materials, Traffic Enforcement Agents, etc.) will be released due to the adoption of the new 2025-2029 Capital Program, which also contains reserves for these purposes.

This amendment will also be consolidating budget reserves from various Intelligent Transportation Systems (ITS) projects, including fiber optic infrastructure and traffic detection/incident management to support a project to improve over-height vehicle detection and interception at the Authority's two tunnels (a reallocation of \$13 million).

Finally, two projects in addition to the ITS projects referenced above have been removed from the 2020-2024 Capital Program to help support the new needs within this amendment:

- Steel Repair & Concrete Rehabilitation at the Verrazzano-Narrows Bridge (VN-32): The elimination of this project released funding (-\$35 million) which was reallocated to the critical main cable dehumidification project also at the Verrazzano-Narrows Bridge.
- Agency-wide Replacement & Upgrade of Fueling Systems project (AW-11) will release (-\$6.4 million) for other critical needs and is replaced by a successor project within the recently approved 2025-2029 Capital Program.

+\$4.8 million

Bridges and Tunnels Structures Category D-801

In this amendment the Structures category is increased by (+\$4.8 million).

The increase in this category primarily reflects an additional funding (+\$85.0 million) reallocated to support a new safety fence project at the Throgs Neck Bridge. This project, originally planned for the 2025-2029 Capital Program did not get included in that capital program due to funding constraints for the new capital program and is now being advanced into the 2020-2024 Capital Program. This increase in the category value is also driven by a higher-than-expected award value for the Main Cable Dehumidification project at the Verrazzano Narrows Bridge (VNB) that was awarded in early 2025 (+\$66 million).

This new project and higher than expected award value for the VNB main cable dehumidification is mostly offset by the lower-than-expected award values of the RFK Bridge Suspended Span rehabilitation/retrofit projects (-\$55.3 million) and Throgs Neck Bridge Anchorage and Tower Protection project (-\$74.9 million).

-\$35.1 million

Bridges and Tunnels Roadways and Decks Category D-802

The (-\$35.1 million) decrease in the Roadways and Decks category primarily reflects the lower-than-expected award values of the VNB Reconstruction of the Upper-Level Approach (-\$29.5 million) and the release of project contingencies associated with the lower-level main span deck rehabilitation project (-\$6.9 million). These budget reductions were offset by minor increased budget needs on the Widening of the Southbound FDR Drive project (+\$3.3 million).

Bridges and Tunnels +\$4.0 million Toll Plazas & Traffic Management/Safety Systems Category D-803

In this amendment the Toll Plazas & Traffic Management/Safety Systems category increases (+\$4.0 million).

The (+\$4.0 million) net increase in this category primarily reflects the restoration of budget to the AW-74 Supervisory Control and Data Acquisition (SCADA) reserve (previously removed under Amendment #3) to improve cyber security protection in the SCADA at the two tunnels. There is also a reallocation of various ITS project reserves (including fiber optic infrastructure and traffic detection/incident management) to support an expanded project to improve over-height vehicle detection and interception at the Authority's two tunnels.

+\$19.9 million

Bridges and Tunnels Utilities Category D-804

In this amendment the Utilities category is increased (+\$19.9 million).

This category's net increase primarily reflects the increased budgets for three projects: Rehab/Replace Facility Monitoring & Safety Systems (AW-73), Throgs Neck Bridge Structural Lighting & Misc. Structural Upgrade (TN-85), and Verrazzano-Narrows Bridge Misc. Bridge Lighting & Electrical Improvement (VN-12). All three of these increases are based on final award values from late 2023.

In addition, approximately \$3 million was reallocated from program contingency for a dedicated design project for cable dehumidification and other main cable work at the Throgs Neck Bridge (TN-98), bundled with the pre-existing Cable Dehumidification and Miscellaneous Work (BW-98) project at the Bronx-Whitestone Bridge.

+\$0.5 million

Bridges and Tunnels Buildings and Sites Category D-805

In this amendment the Buildings and Sites category is being increased slightly (+\$0.5 million).

The net increase in this category represents the value of the Service Building Upgrades Project (at the two tunnels as awarded in December 2023). This is partially offset by the release of remaining reserves for Hazardous Materials.

-\$7.3 million

Bridges and Tunnels Miscellaneous Category D-806

In this amendment, the Miscellaneous category is being reduced (-\$7.3 million).

This reduction can be attributed to the elimination or reduction of project reserves for the Small Business Development Program and various Miscellaneous category reserves (Protective Liability Insurance, Miscellaneous, etc...) due to the approval of the 2025-2029 Capital Program, which also contains reserves for these purposes. This reduction also includes the release of the project contingency for the VNB Safety Fencing project at project completion (-\$2 million).

+\$11.2 million

Bridges and Tunnels Structural Painting Category D-807

In this amendment the Structural Painting category is being increased (+\$11.2 million).

This net increase reflects the reassignment of budgets from structural or electrical tasks to painting tasks within bundled projects at the time of award. These include Zone Painting of the Suspended Spans at the RFK Bridge as part of the RK-19/RK-04 bundle (+\$8 million), Throgs Neck Bridge Facility-Wide Painting Program as part of the TN-87/TN-85/TN-49/TN-PT bundle (+\$4 million), and the VNB Facility-Wide Painting Program as part of the VN-12/VN-PT bundle (+\$11 million). These reallocations were partially offset by project contingencies in the RK Facility-Wide Painting Program (-\$6 million) and the VN-81 Lower-Level Paint Project (-\$1 million) and the release of unused paint reserves for the recently awarded VN-84 Paint Brooklyn Ramps project (-\$5 million).

Bridges and Tunnels Central Business District Tolling Program Category C-801 \$74.4 million Category C-801

The Central Business District Tolling Program category is being reduced (-\$74.4 million) in this amendment.

This amendment reflects administrative adjustments between projects to reflect actual costs and an updated schedule. The net reduction in this category primarily reflects the Central Business District Tolling Program's substantial completion at around 15% under budget. The tolling program achieved substantial completion and began revenue operations on January 5th, 2025.

Project Listings

MTA Capital Program 2020-2024

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Capital Program Organization

Capital investments are organized and coded according to an Agency / Category / Element / Project (ACEP) hierarchy:

- Agency: MTA Agency identified with the project budget (e.g., "New York City Transit");
- Category: Agency subset, typically focused on an asset type (e.g., "Stations" or "Track");
- Element: Category subset containing related projects (e.g., "Signal Modernization" element in "Signals & Communications" category);
- Project: Basic unit of the Capital Program, reflecting a specific scope.

For example, the first project listing page is identified in the upper-left corner as Agency "New York City Transit," and in the upper-right corner as Category "Subway Cars." Below that, "T - 801" represents the Agency ("T" for New York City Transit) and the category code ("801" for subway cars). Further down the page, "01 Subway Cars" refers to the element, which in this case happens to have the same name as the parent category. Finally, this element has a single project with identifier code "01" to "New/Upgrade Car Investments." Combining all the codes, the unique ACEP for this project is T8010101.

Needs Codes

The focus of each project is indicated by its needs code:

- State of Good Repair (SGR) projects renew assets that have surpassed their useful life, to achieve SGR;
- Normal Replacement (NR) projects renew assets that are nearing the end of their useful life, to preserve SGR;
- System Improvement (SI) projects enhance the network, providing new capabilities and a better customer experience;
- Network Expansion (NE) projects extend the reach of the MTA network, expanding the service offering;
- Various (VAR) projects include multiple needs codes in one project;
- Administrative projects (e.g., insurance, scope development) are not assigned needs codes.

Commitments

Columns indicate the share of the project budget that is planned to be committed by element (i.e., started) in each year of the 2020-2024 program period, along with the total for all years.

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SUBWAY CARS T - 801

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	SUBWAY CARS								
01	New/Upgrade Car Investments	NR	0.0	0.0	0.0	0.0	6.0	1,006.2	1,012.2
02	Purchase 640 B-Division Cars (R211 Option 1)	NR	0.0	0.0	1,929.6	0.0	0.0	0.0	1,929.6
03	Purchase 435 B-Division Cars (R211 Option 2)	NR	0.0	0.0	0.0	0.0	0.0	1,389.7	1,389.7
05	Purchase R268 B-Division Cars	NR	0.0	0.0	0.0	0.0	0.0	3.5	3.5
	Element Total 01		\$0.0	\$0.0	\$1,929.6	\$0.0	\$6.0	\$2,399.4	\$4,335.0
	Category Total 801		\$0.0	\$0.0	\$1,929.6	\$0.0	\$6.0	\$2,399.4	\$4,335.0

^{*} Represents values less than \$50,000

BUSES T - 803

	MENT CRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
02	BUS REPLACEMENT								
01	Purchase 172 Electric Buses	NR	0.0	0.0	0.0	0.0	231.2	14.1	245.3
03	Purchase 18 Articulated Electric Buses	NR	0.0	0.0	0.0	0.0	43.7	0.0	43.7
04	Purchase 224 Articulated Buses	NR	0.0	0.0	0.0	279.1	2.6	0.0	281.7
05	Purchase 92 Express Buses	NR	0.0	0.0	0.0	0.0	0.0	127.9	127.9
06	Purchase 19 Express Buses	SI	0.0	14.3	0.0	0.0	0.0	0.0	14.3
80	Purchase 126 Standard Hybrid Buses	NR	7.1	0.2	100.6	0.0	0.0	0.0	107.9
09	Purchase 209 Standard Buses	NR	10.5	0.4	130.4	0.0	0.0	0.0	141.2
10	Purchase 84 Standard Hybrid Buses	NR	0.0	71.2	0.0	0.0	0.0	0.0	71.2
11	Purchase 139 Standard Buses	NR	2.8	95.8	0.0	0.2	0.0	0.0	98.8
13	Purchase 15 Standard Electric Buses	NR	0.0	21.8	0.0	0.0	0.0	1.5	23.3
14	Bus Purchase Design	NR	0.0	0.0	0.4	0.9	0.5	0.0	1.8
15	Purchase 5 Standard Electric Buses Test/Eval	SI	0.0	0.0	10.4	0.2	0.0	0.0	10.6
17	AEB Charging Infrastructure - Jamaica Design	SI	0.0	0.1	0.2	0.0	0.0	0.0	0.3
18	Automated Passenger Counting, Phase 2	SI	0.0	0.0	6.4	0.0	0.0	0.6	7.0
19	Jamaica Gantries BEB (Charging)	SI	0.0	0.0	14.4	0.0	0.0	0.0	14.4
20	Purchase 72 Articulated Electric Buses	SI	0.0	0.0	0.0	0.0	142.6	0.0	142.6
21	Purchase 193 Standard Electric Buses	SI	0.0	0.0	0.0	0.0	266.6	0.0	266.6
30	Electric Bus Charging Infrastructure	SI	0.0	0.0	0.0	0.0	173.3	223.5	396.8
	Element Total 02		\$20.4	\$203.7	\$262.7	\$280.5	\$860.6	\$367.5	\$1,995.4
	Category Total 803		\$20.4	\$203.7	\$262.7	\$280.5	\$860.6	\$367.5	\$1,995.4

^{*} Represents values less than \$50,000

PASSENGER STATIONS T - 804

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
04	FARE COLLECTION								
01	New Fare Payment System (NFPS): Add Support Costs	SI	0.0	0.0	0.0	0.0	0.0	20.0	20.0
03	Low Turnstiles: Procurement	SI	0.0	1.1	0.0	0.0	0.0	6.6	7.7
04	Wide Turnstiles: Procurement/Installation	SI	0.0	3.6	0.2	0.0	7.9	13.1	24.8
05	Additional Work: Fare Collection	SGR	0.0	0.0	26.7	1.2	20.0	14.5	62.4
06	Purchase 80 Auto Farecard Access Syst Units	SI	0.0	0.0	2.3	0.0	0.0	0.0	2.3
07	Wide Aisle Gates: Survey and Design	SI	0.0	0.0	0.0	0.0	0.2	0.0	0.2
	Element Total 04		\$0.0	\$4.7	\$29.2	\$1.2	\$28.1	\$54.1	\$117.4
07	STATION ESCALATORS / ELEVATORS								
04	Replace 2 Escalators	NR	0.0	0.0	0.0	0.0	0.0	28.6	28.6
05	Escalator Design	NR	11.9	3.0	1.9	5.2	0.0	4.6	26.7
06	Elevator Design	NR	0.6	4.8	5.0	10.4	0.0	0.0	20.8
07	Replace 3 Hydraulic Elevators: 34th BW7 PSNY-33rd	NR	19.2	0.2	0.3	0.0	2.0	0.0	21.6
08	Replace 5 Elevators at 2 Locations JAM	NR	0.0	35.1	0.4	0.0	1.0	3.1	39.7
09	Replace 4 Escalators at 2 Locations FLS	NR	0.0	0.0	40.9	0.0	0.0	0.8	41.7
10	PSLAN Various E&E Locations	SI	0.0	1.2	4.6	0.1	0.0	0.0	5.8
11	4 Escalators at 2 Locs Dekalb 4Av & 161 St BXC	NR	0.0	46.8	1.0	0.3	0.0	1.5	49.5
12	17 Escalators at 6 Locations	NR	0.0	0.1	185.4	1.3	0.0	20.9	207.7
13	Replace 8 Escalators: Grand Central - 42 St / FLS	NR	0.0	77.7	0.3	0.0	0.0	8.1	86.2
14	Replace 3 Escalators at Broadway Junction/FUL	NR	0.0	0.0	0.0	21.5	0.1	1.0	22.7
15	Replace 14 Elevators: 5 Stations	NR	0.0	0.0	71.3	0.6	0.0	2.9	74.8
16	Replace 6 Escal at 2 Locs (Sut Blvd ARC/W4 8AVE)	NR	0.0	0.0	69.2	8.8	0.0	3.1	81.1
17	Replace 19 Elevators at Various Locations	NR	0.0	0.0	140.2	17.6	0.0	7.4	165.2
18	Replace 1 Escalator at Parkchester/PEL	NR	0.0	0.0	13.4	0.0	0.0	0.4	13.8
19	Replace 17 Elevators at 8 Stations	NR	0.0	0.0	0.0	132.7	0.4	6.5	139.6
20	Replace 20 Elevators at 9 Stations	NR	0.0	0.0	0.0	154.4	0.4	7.1	161.9
21	Replace 21 Escalators At 6 Stations	NR	0.0	0.0	0.0	207.9	0.8	9.3	217.9
	Element Total 07		\$31.7	\$168.8	\$533.8	\$560.9	\$4.7	\$105.4	\$1,405.4

^{*} Represents values less than \$50,000

PASSENGER STATIONS T - 804

Commitments (\$ in millions)

	MENT CRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
12	STATION WORK								
01	Station Renewals at 5 ADA Locations	SGR	0.0	0.0	0.0	0.0	0.0	249.8	249.8
02	Station Renewals at 2 Locations	SGR	0.0	0.0	0.0	0.0	0.0	232.3	232.3
03	Plat, Mezz, & Interior Stair Comps: ADA Locations	SGR	0.0	0.0	0.0	0.0	0.0	116.2	116.2
04	Station Components: Various Locations	SGR	0.0	0.0	0.0	0.0	0.0	582.2	582.2
06	Small Business Mentoring Program - Stations	SGR	2.8	15.6	39.5	48.2	22.7	34.9	163.8
80	Misc. Station Component/Renewal Work	SGR	0.0	0.0	0.0	0.0	0.0	47.4	47.4
09	Livonia Av-Junius St Station Connector	SI	0.0	0.6	26.5	0.2	0.3	1.2	28.8
10	Water Condition Remedy: Various Locations	SGR	0.0	2.5	0.2	0.2	0.0	7.6	10.5
11	Miscellaneous Station Investments	SGR	0.0	0.0	0.0	0.0	0.0	65.1	65.1
12	Other Station Work	SI	0.0	0.0	0.0	0.0	0.0	7.1	7.1
13	Station Components Main St FLS	SGR	0.0	3.3	0.0	0.4	0.0	0.1	3.8
15	Station Components Design	SGR	6.4	19.6	2.8	16.3	0.7	1.2	47.0
16	Platform Components: E Broadway 6AV	SGR	13.9	0.5	0.0	0.0	0.0	0.1	14.6
17	Platform Components: 2 Locations / QBL	SGR	0.0	0.0	29.9	0.4	0.0	1.2	31.5
18	Platform Components: 5 Locs BW7	SGR	0.0	0.0	0.0	70.6	0.0	1.8	72.3
19	Leak Remediation 34 St BW7 PSNY-33rd	SGR	2.4	0.0	0.0	0.0	0.0	0.0	2.4
20	Miscellaneous Stations Work Design	SGR	0.7	2.5	1.4	1.2	0.8	0.3	7.0
21	Station Ventilators 8th Ave CNR	SGR	0.0	2.1	0.0	0.1	0.0	0.0	2.1
22	Station Ventilators Ph 18 2 Locs/FUL	SGR	0.0	5.2	0.0	0.0	0.0	0.0	5.2
23	Station Ventilators Ph 21 - 4 Locs/ Manh & BX	SGR	0.0	7.0	0.0	0.0	0.0	0.0	7.0
24	Renewal: Borough Hall LEX	SGR	0.0	0.4	117.4	1.0	0.0	6.2	125.1
25	Platform Components: 68 St Hunter College LEX	SGR	0.0	5.8	0.0	0.3	0.2	0.4	6.6
26	Station Ventilators: Grand Central / FLS	SGR	0.0	15.7	0.0	0.5	0.0	1.8	18.0
27	Platform Components: 137th St/Bwy7	SGR	0.0	0.0	8.0	0.0	0.0	0.2	8.2
29	Platform Components: 6 Avenue / Canarsie	SGR	0.0	32.8	0.0	0.0	0.0	0.0	32.8
30	Platform Components: 14th Street / 6 Ave	SGR	0.0	5.0	0.0	0.0	0.0	0.0	5.0
31	Components: Metropolitan Ave XTN	SGR	0.0	3.7	0.0	0.0	0.0	0.0	3.7
32	Station Renewal: Woodhaven Boulevard JAM	SGR	0.0	16.0	0.2	0.0	0.0	7.8	24.0
34	Platform Components: Broadway Junction / JAM	SGR	0.0	0.0	0.0	9.1	0.0	2.8	12.0
35	Station Ventilators Ph 20 - 4 Locations MHTN	SGR	0.0	0.0	10.5	0.0	0.0	0.0	10.5
36	Grand Central: Widening Stairs U2/U6/Lex Design	SI	0.0	0.0	0.2	0.0	0.0	0.0	0.2
37	Platform Screen Doors Pilot	SI	0.0	0.0	6.6	0.3	0.2	249.1	256.2
38	Station Components Progressive DB Pilot (43 Locs)	SGR	0.0	0.0	0.0	0.0	54.7	0.0	54.7
39	Grand Central: Center Core East FLS	SI	0.0	0.0	95.5	6.6	0.1	5.9	108.1
40	Grand Central: Widening Stairs U2/U6 LEX	SI	0.0	0.0	2.8	0.2	0.0	0.5	3.5
41	Track Safety Stations Initiatives Reserve	SI	0.0	0.0	0.0	0.0	0.0	15.0	15.0
43	Station Renewal: 111 St / FLS	SGR	0.0	0.0	0.0	12.9	0.0	5.2	18.1
44	Station Renewal: 103 St-Corona Plaza / FLS	SGR	0.0	0.0	0.0	12.3	0.0	8.4	20.7
45	Station Renewal: 82 St-Jackson Heights / FLS	SGR	0.0	0.0	0.0	15.5	0.2	6.7	22.4
46	Station Renewal: 69 St / FLS	SGR	0.0	0.0	0.0	11.8	0.0	7.9	19.8
47	Station Renewal: 52 St / FLS	SGR	0.2	0.0	0.0	14.0	0.0	4.5	18.7
49	Platform Edges Wrap-Up: 104St & 121St /JAM	SGR	0.0	0.0	0.2	0.0	0.0	0.0	0.2
49 50	Station Renewal at 85 St - Forest Pkwy / JAM	SGR	0.0	0.0	9.7	0.0	0.0	1.0	10.9
50 51	Station Renewal at 75 St Elderts Lane / JAM	SGR	0.0	0.0	10.0	0.2	0.0	0.6	10.9
52	Station Renewal at 73 St Elderts Lane / JAM Station Renewal at Cypress Hills / JAM	SGR	0.0	0.0	11.1	0.8	0.0	0.0	12.1
52 53		SI	0.0		3.5		0.0	0.2	
	Stormwater Mitigation: Various Stations Station Ventilators: Ph 19 - 4 Locs Brooklyn	SGR	0.0	0.0 0.0	3.5 9.2	0.0	0.0		3.5 9.2
54 55	Station Ventilators: Ph 19 - 4 Locs, Brooklyn					0.0		0.0	
55 56	Station Condition Survey Platform Components: New Lots Ave/NLT	SGR SGR	0.0 0.0	0.0 0.0	0.0 0.0	8.1 13.9	17.0 0.0	0.0 0.7	25.1 14.7
	FIAUGUU COMOONEMS NEW LOIS AVE/IVI I	אבוט	UU	U.U	U.U	10.9	U.U	U /	14 /

^{*} Represents values less than \$50,000

Numbers may not add due to rounding

PASSENGER STATIONS T - 804

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
12	STATION WORK								
58	Station Renewal: Woodside 61st Station	SGR	0.0	0.0	74.7	0.0	0.0	1.6	76.2
59	Station Components for 46th St- Bliss St/Flushing	SGR	0.0	0.0	0.0	2.6	0.0	0.5	3.1
60	Stormwater Mitigation, Package 1	SI	0.0	0.0	0.0	7.5	0.0	0.0	7.5
61	Emergency Lighting Rehab Grand St CNR	SGR	0.0	0.0	0.0	0.0	0.7	0.0	0.7
62	Platform Components: 111 Street / Flushing	SGR	0.0	0.0	0.0	6.2	0.0	0.1	6.2
63	Replacement of Signage at Various Stations (2022)	NR	0.0	0.0	10.8	0.0	0.0	0.0	10.8
64	Stair Pads and Handrails at E149th St Station	SI	0.0	0.0	0.0	0.0	0.0	0.0	0.0*
65	Platform components at Burnside Av / JER	SGR	0.0	0.0	0.0	0.0	14.0	2.4	16.4
66	Art at Other Stations	SI	0.0	0.0	0.0	0.6	1.6	0.0	2.2
69	Water Condition Remedy - 2023	SGR	0.0	0.0	0.0	4.6	0.9	0.4	5.9
70	Stormwater Mitigation, Package 2	SI	0.0	0.0	0.0	0.0	10.3	0.6	10.9
71	Station Painting: Court Street/BWY	SGR	0.0	0.0	0.0	1.0	0.0	0.0	1.0
72	Station Painting: 45 Street/4AVE	SGR	0.0	0.0	0.0	0.4	0.0	0.0	0.4
73	Station Painting: 25 Street/4Ave	SGR	0.0	0.0	0.0	0.4	0.0	0.0	0.4
74	Station Painting: 145 Street/8Ave	SGR	0.0	0.0	0.0	1.3	0.0	0.0	1.3
75	Station Painting: Myrtle-Wyckoff Ave/CNR MYT	SGR	0.0	0.0	0.0	0.2	0.0	0.0	0.2
76	Station Painting: Euclid Ave/FUL	SGR	0.0	0.0	0.0	0.7	0.0	0.0	0.7
77	Station Ventilators: Ph 22 3 Locations - Manhttn	SGR	0.0	0.0	0.0	3.6	0.0	0.2	3.8
78	Station Ventilators: Ph 23 3 Locations - Queens	SGR	0.0	0.0	0.0	5.8	0.0	0.0	5.8
80	Stormwater Mitigation: Cortlandt St	SI	0.0	0.0	0.0	0.0	17.0	0.3	17.3
81	Station Ventilators: Ph 24 1st & Bedford Aves CNR	SGR	0.0	0.0	0.0	0.0	3.7	0.0	3.7
82	Sutphin Blvd -Archer Ave: Comm and Security	SI	0.0	0.0	0.0	7.5	0.0	0.1	7.6
83	Track Wall Tiles: 14 St / Broadway-7 Ave	SGR	0.0	0.0	0.0	2.0	0.4	0.0	2.4
84	Stations Central Maintenance Facility - DOS	SI	0.0	0.0	0.0	0.0	26.4	0.0	26.4
87	Emergency Lighting: 11 Stations	SGR	0.0	0.0	0.0	0.0	17.5	0.0	17.5
91	Customer Service Center at Parkchester	SI	0.0	0.0	0.0	0.0	3.7	0.0	3.7
92	Platform Gap Retrofit: Spring St / 8AV	SI	0.0	0.0	0.0	0.0	0.5	0.0	0.5
93	Control House Repair at 181 St/8 AV	SGR	0.0	0.0	0.0	1.4	0.0	0.0	1.4
96	Platform Barriers	SI	0.0	0.0	0.0	0.0	0.0	45.0	45.0
DD	Station Renewals Design	SGR	0.0	0.0	5.4	9.7	0.7	9.3	25.1
	Element Total 12		\$26.4	\$138.3	\$475.9	\$326.6	\$197.7	\$1,736.3	\$2,901.3

^{*} Represents values less than \$50,000

PASSENGER STATIONS T - 804

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
13	ACCESSIBILITY								
02	ADA: 96th St 8AV	SI	0.0	0.0	0.0	44.6	0.4	2.5	47.6
03	ADA: Dyckman St (NB) BW7	SI	16.2	0.2	0.0	0.0	0.0	3.8	20.3
04	ADA: 6 Ave / Canarsie (Additional Support)	SI	0.0	33.4	0.0	0.0	2.7	0.0	36.1
05	ADA: 14 St /Broadway/ 7th Ave (Additional Support)	SI	0.0	29.9	0.0	0.0	1.8	0.1	31.8
06	ADA: 86th St LEX	SI	0.0	0.0	0.0	64.8	0.2	3.2	68.2
09	ADA: 81st St / 8 Av	SI	0.0	0.0	0.0	55.3	0.4	3.8	59.5
10	ADA: Myrtle Ave JAM	SI	0.0	0.0	0.0	0.0	74.8	7.8	82.6
11	ADA: Borough Hall LEX	SI	0.0	0.0	36.6	0.4	0.2	2.8	40.0
12	ADA: Junius St / NLT	SI	0.0	0.0	82.6	0.0	0.0	6.6	89.3
13	ADA: Avenue H (NB) BRT	SI	9.4	0.1	0.0	0.0	0.2	0.0	9.7
14	ADA: Sheepshead Bay/ BRT	SI	0.0	0.0	46.7	0.3	0.0	2.2	49.2
17	ADA: Grand St CNR	SI	21.4	0.7	0.1	0.9	0.4	3.8	27.2
19	ADA: 7th Ave CUL	SI	32.5	1.1	6.0	0.0	0.0	5.1	44.7
20	ADA: Avenue I CUL	SI	0.0	0.0	0.0	0.0	64.4	9.6	74.0
21	ADA: Kings Hwy / Culver	SI	0.0	0.0	58.0	0.3	0.0	5.5	63.8
22	ADA: Classon Ave XTN	SI	0.0	0.0	0.0	53.5	0.3	3.3	57.1
28	ADA: Metropolitan Ave XTN	SI	35.9	1.3	0.1	0.9	0.0	7.8	46.0
23	ADA: New Lots Av NLT	SI	0.0	0.0	0.0	46.9	0.7	2.5	50.1
26	ADA: 36th St 4AV	SI	0.0	0.0	0.0	96.1	0.2	5.6	101.9
27	ADA: Lorimer St CNR	SI	46.0	0.7	0.2	1.0	0.0	10.2	58.1
29	ADA: Woodhaven Blvd JAM (Additional Support)	SI	0.0	19.5	8.0	0.0	1.2	5.4	26.9
30	ADA & Station Improvements: Westch Sq/PEL (Add'I)	SI	0.0	21.4	0.0	0.5	0.0	10.3	32.2
31	ADA Parkchester E.177 St PEL	SI	0.0	0.0	67.8	6.6	0.0	3.0	77.4
32	ADA: East 149th St PEL	SI	30.5	0.5	0.2	0.0	0.0	7.5	38.7
33	ADA: Mosholu Pk/Jerome	SI	0.0	0.0	46.7	4.0	0.0	2.5	53.2
34	ADA: 242 Street BW7	SI	0.0	0.0	0.0	43.2	0.5	2.1	45.8
36	ADA: Rockaway Blvd / Liberty Ave	SI	0.0	0.0	54.9	0.3	0.0	5.0	60.2
37	ADA: Beach 67th St FAR	SI	36.5	0.3	0.0	0.0	0.0	6.8	43.7
38	ADA: Woodhaven Blvd QBL	SI	0.0	0.0	69.6	0.0	0.0	3.6	73.2
39	ADA: Steinway St QBL	SI	0.0	0.0	113.5	0.0	0.3	5.6	119.4
41	ADA: Broadway AST	SI	0.0	0.0	0.0	52.2	0.6	2.6	55.4
45	ADA: 181 St 8AV	SI	0.0	42.7	0.4	0.0	0.2	4.2	47.5
46	ADA: Bwy Jct (JAM/CNR/FUL)	SI	0.0	0.0	0.0	336.3	1.6	9.2	347.2
47	ADA: Northern Blvd QBL	SI	0.0	0.0	36.9	0.4	0.3	2.1	39.6
48	ADA: Church Avenue Brighton	SI	0.0	0.0	50.4	0.2	0.0	2.4	53.1
49	ADA: 33rd St - Rawson St Station/Flushing	SI	0.0	0.0	0.0	81.2	0.2	3.9	85.3
52	ADA: 46th St- Bliss St/Flushing	SI	0.0	0.0	0.0	70.8	0.2	3.5	74.6
69	PSLAN at Various ADA Locations	SI	0.0	3.0	0.5	0.0	0.0	0.0	3.5
70	ADA Emergency Elevator 2 Way Radio Comm System	SI	0.0	1.6	0.0	0.0	0.1	0.0	1.6
71	ADA: 137 St BW7	SI	0.0	0.0	34.8	0.8	0.0	2.1	37.7
72	ADA: Harlem 148th Street / Lenox	SI	0.0	0.0	0.0	25.2	0.3	1.6	27.2
73	ADA: Court Square 23 Street / Queens	SI	0.0	0.0	0.0	52.3	0.2	3.7	56.3
75	ADA: 95th St / 4th Ave (Additional Support)	SI	0.0	0.0	11.3	0.2	0.2	2.3	13.9
76	ADA: Burnside Ave/JER	SI	0.0	0.0	0.0	0.0	89.7	10.8	100.5
78	2020-2024 OCIP - ADA	SI	0.0	0.0	0.0	0.0	52.3	14.7	67.0
79	ADA: Norwood Avenue / Jamaica	SI	0.0	0.0	0.0	0.0	60.6	7.9	68.6
80	ADA: Middletown Road / PEL	SI	0.0	0.0	0.0	0.0	52.6	6.8	59.3
86	ADA: Queensboro Plz / FLS Additional Support	SI	0.0	0.0	0.0	0.0	0.0	1.0	1.0
DD	ADA Design	SI	32.7	18.4	28.4	40.6	4.3	17.8	142.2
	ADA: 25 Stations	SI	0.0	0.0	0.0	0.0	0.0	2,199.1	2,199.1

^{*} Represents values less than \$50,000

PASSENGER STATIONS T - 804

Commitments (\$ in millions)

ELEMENT DESCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
Element Total 13	\$	261.2	\$174.7	\$746.7	\$1,080.0	\$412.3	\$2,433.7	\$5,108.6
Category Total 804	9	319.3	\$486.4	\$1,785.6	\$1,968.8	\$642.9	\$4,329.6	\$9,532.6

For Element T80413 the following stations are also identified in the 2020-2024 program and will be broken out as awarded.

Brooklyn

ADA: Hoyt - Schermerhorn Sts FUL 18 50 ADA: Neptune Ave CUL

ADA: Fort Hamilton Pkwy / WST 92

Bronx

ADA: Brook Av PEL 35

ADA: Morrison Av-Soundview / PEL 93

Manhattan

01 ADA: 42nd St - Bryant Park Complex

ADA: Essex St NAS 07 ADA: Delancey St 6AV 80 94 ADA: 2 Av / 6AV 96 ADA: 145 St / 8AV

Queens

ADA: Briarwood QBL 40 83 ADA: Gates Av / JAM

Locations to be identified

44 ADA: 12 Additional Stations

^{*} Represents values less than \$50,000

	MENT CRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
02	MAINLINE TRACK REHABILITATION								
01	Mainline Track Replacement	NR	0.0	0.0	0.0	0.0	0.0	133.3	133.3
04	Mainline Track Replacement: Rutgers Tube	NR	16.6	0.2	0.0	0.0	0.0	0.7	17.5
05	Mainline Track Replacement 2020 / Queens	NR	7.6	0.0	0.0	0.0	0.0	0.0	7.6
06	Mainline Track Replacement 2020 / 8th Avenue	NR	24.4	0.0	0.0	0.0	0.0	0.0	24.4
07	Mainline Track Replacement 2020 / Broadway-7th Ave	NR	35.3	0.0	0.0	0.0	0.0	0.0	35.3
80	Mainline Track Replacement 2020 / Flushing	NR	59.9	0.0	0.0	0.0	0.0	0.0	59.9
09	Mainline Track Replacement 2020 / Lexington	NR	27.2	0.0	0.0	0.0	0.0	0.0	27.2
10	Mainline Track Replacement 2020 / Brighton	NR	15.6	0.0	0.0	0.0	0.0	0.0	15.6
11	Mainline Track Replacement 2020 / Jamaica	NR	33.9	0.0	0.0	0.0	0.0	0.0	33.9
12	Mainline Track Replacement 2020/ Lenox-White Plain	NR	12.7	0.0	0.0	0.0	0.0	0.0	12.7
13	Mainline Track Replacement 2020 / 6th Avenue	NR	19.0	0.0	0.0	0.0	0.0	0.0	19.0
14	Mainline Track Replacement 2020 / Astoria	NR	0.0	15.6	0.0	0.0	0.0	0.0	15.6
15	Mainline Track Replacement 2020 / Dyre	NR	0.0	10.6	0.0	0.0	0.0	0.0	10.6
16	Mainline Track Replacement 2020 / Concourse	NR	3.3	0.0	0.0	0.0	0.0	0.0	3.3
17	Mainline Track Replacement 2020 / 63rd St	NR	2.5	0.0	0.5	0.0	0.0	0.0	3.0
18	Mainline Track Replacement 2020 / West End	NR	0.0	9.6	0.0	0.0	0.0	0.0	9.6
19	Mainline Track Replacement 2020 / Rockaway	NR	5.3	0.0	0.0	0.0	0.0	0.0	5.3
20	Mainline Track Replacement 2020 / 7th Avenue	NR	3.1	0.0	0.0	0.0	0.0	0.0	3.1
21	Mainline Track Replacement 2020 / Pelham	NR	0.0	1.7	0.0	0.0	0.0	0.0	1.7
22	Mainline Track - 2020 Support Costs	NR	8.9	1.2	0.0	0.0	0.0	0.0	10.0
23	Continuous Welded Rail 2020	NR	17.5	0.0	0.0	0.0	0.0	0.0	17.5
24	2020 Track Force Account	NR	35.0	0.0	0.0	0.0	0.0	0.0	35.0
25	ML Track Repl (Direct Fixation) / Archer	NR	41.2	0.1	0.0	0.0	0.0	0.0	41.3
26	Mainline Track Replacement 2021 / Myrtle-Wyckoff	NR	2.0	0.0	0.0	0.0	0.0	0.0	2.0
27	Mainline Track Replacement 2021 / 11 St Cut	NR	0.0	20.2	0.0	0.0	0.0	0.0	20.2
29	Mainline Track Replacement 2021 / Broadway	NR	0.0	7.5	0.0	0.0	0.0	0.0	7.5
30	Mainline Track Replacement 2021 / Concourse	NR	0.0	21.7	0.0	0.0	0.0	0.0	21.7
31	Mainline Track Replacement 2021 / Bway-7th	NR	0.0	13.7	0.0	0.0	0.0	0.0	13.7
32	Mainline Track Replacement 2021 / Jamaica	NR	0.0	27.0	0.0	0.0	0.0	0.0	27.0
33	Mainline Track Replacement 2021 / Eastern Parkway	NR	0.0	0.0	7.4	0.0	0.0	0.0	7.4
34	Mainline Track Replacement 2021 / Jerome	NR	0.0	12.5	0.0	0.0	0.0	0.0	12.5
35	Mainline Track Replacement 2021 / Flushing	NR	0.0	6.9	0.0	0.0	0.0	0.0	6.9
36	Mainline Track Replacement 2021 / Pelham	NR	0.0	14.1	0.0	0.0	0.0	0.0	14.1
37	Mainline Track Replacement 2021 / Lenox - WPR	NR	0.0	8.1	0.0	0.0	0.0	0.0	8.1
38	ML Track Replacement 2021 / JAM (Crescent-Cypress)	NR	0.0	3.6	0.0	0.0	0.0	0.0	3.6
39	Mainline Track Replacement: 86 St / Bway-7th Ave	NR	0.0	0.0	0.0	14.3	0.0	0.0	14.3
10	Mainline Track - 2021 Support Costs	NR	0.0	7.6	0.0	0.0	0.0	0.0	7.6
11	ML Track Repl (Direct Fixation) / Jamaica	NR	0.0	50.0	1.2	0.0	0.0	1.0	52.2
12	ML Track Repl (Direct Fixation) / 63rd Street	NR	0.0	123.4	3.4	0.4	0.0	0.0	127.3
13	Mainline Track Replacement 2021 / Lexington	NR	0.0	18.4	0.0	0.0	0.0	0.0	18.4
14	Mainline Track Replacement: Hunter College	NR	0.0	4.1	0.0	0.0	0.0	0.0	4.2
	2021 Track Force Account	NR	0.0			0.0	0.0		
15 16	ML Track Replacement: Westchester Square /Pelham	NR	0.0	35.0 1.2	0.0 0.0	0.0	0.0	0.0 0.0	35.0 1.2
+6 17		NR	0.0		26.0	0.0	0.0		26.0
	Mainline Track Replacement 2022 / 6th Ave-Culver	NR	0.0	0.0	31.3		0.0	0.0	31.3
48 40	Mainline Track Replacement 2022 / 8th Avenue			0.0		0.0		0.0	
49 50	Mainline Track Replacement 2022 / 7th Avenue	NR NB	0.0	0.0	16.7	0.0	0.0	0.0	16.7
50 = 1	Mainline Track Replacement 2022 / Brighton	NR	0.0	0.0	48.0	0.0	0.0	0.0	48.0
51 52	Mainline Track - 2022 Support Costs	NR	0.0	0.0	8.4	0.0	0.0	0.0	8.4
52	Mainline Track Replacement 2022 / Myrtle	NR	0.0	0.0	9.2	0.0	0.0	0.0	9.2

^{*} Represents values less than \$50,000

	MENT CCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
02	MAINLINE TRACK REHABILITATION								
55	Mainline Track Replacement 2022 / Concourse	NR	0.0	0.0	4.3	0.0	0.0	0.0	4.3
56	Mainline Track Replacement 2022 / Broadway-7th Ave	NR	0.0	0.0	0.0	4.3	0.0	0.0	4.3
58	Mainline Track Replacement 2022 / Liberty	NR	0.0	0.0	23.7	0.0	0.0	0.0	23.7
63	Mainline Track Replacement 2022 / Culver	NR	0.0	0.0	17.1	0.0	0.0	0.0	17.1
64	2022 Track Force Account	NR	0.0	0.0	35.0	0.0	0.0	0.0	35.0
65	Mainline Track Replacement 2022 / 8AV (tk A1)	NR	0.0	0.0	6.7	0.0	0.0	0.0	6.7
66	Mainline Track Replacement 2022 / White Plains Rd	NR	0.0	0.0	19.0	0.0	0.0	0.0	19.0
67	Mainline Track Repl 2022 / Astoria (Guarded Curve)	NR	0.0	0.0	5.2	0.0	0.0	0.0	5.2
68	Mainline Track Replacement 2023 / 6th Ave-Culver	NR	0.0	0.0	0.0	75.7	0.0	0.0	75.7
69	Continuous Welded Rail 2023	NR	0.0	0.0	0.0	77.7	0.0	0.0	77.7
70	Mainline Track Replacement 2023 / Queens-63 St	NR	0.0	0.0	0.0	8.4	0.0	0.0	8.4
72	Mainline Track - 2023 Support Costs	NR	0.0	0.0	0.0	16.2	0.0	0.0	16.2
74	Mainline Track Replacement 2023 / Astoria	NR	0.0	0.0	0.0	16.8	0.0	0.0	16.8
75	Mainline Track Replacement 2023 / Brighton	NR	0.0	0.0	0.0	28.1	0.0	0.0	28.1
76	Mainline Track Replacement 2023 / Jamaica	NR	0.0	0.0	0.0	0.0	12.2	0.0	12.2
77	Mainline Track Replacement 2023 / Canarsie	NR	0.0	0.0	0.0	56.1	0.0	0.0	56.1
79	Mainline Track Replacement 2023 / Lenox-WPR	NR	0.0	0.0	0.0	19.6	0.0	0.0	19.6
80	Mainline Track Replacement 2023 / Pelham	NR	0.0	0.0	0.0	3.6	0.0	0.0	3.6
81	Mainline Track Replacement 2023 / West End	NR	0.0	0.0	0.0	9.3	0.0	0.0	9.3
82	Mainline Track Replacement 2023 / Rockaway	NR	0.0	0.0	0.0	9.1	0.0	0.0	9.1
83	Mainline Track Replacement 2023 / Manhattan Bridge	NR	0.0	0.0	0.0	10.9	0.0	0.0	10.9
84	Mainline Track Replacement 2023 / 4 Avenue	NR	0.0	0.0	0.0	11.3	0.0	0.0	11.3
85	Mainline Track Replacement 2023 / Flushing	NR	0.0	0.0	0.0	5.6	0.0	0.0	5.6
86	2023 Track Force Account	NR	0.0	0.0	0.0	35.0	0.0	0.0	35.0
87	ML Track Repl: 81 St/8AV, 86 St/LEX, 46 St/FLS	NR	0.0	0.0	0.0	42.5	0.0	1.4	43.9
88	ML Track Replacement: Broadway Junction / JAM	NR	0.0	0.0	0.0	1.4	0.0	0.0	1.4
89	Mainline Track Replacement 2023 / White Plains Rd	NR	0.0	0.0	0.0	12.9	0.0	0.0	12.9
90	Mainline Track Replacement 2023 / BWY (Canal St)	NR	0.0	0.0	0.0	14.0	0.0	0.0	14.0
92	Mainline Track Replacement 2024 / Broadway-7th Ave	NR	0.0	0.0	0.0	0.0	8.7	0.0	8.7
93	Mainline Track Replacement 2024 / Pelham	NR	0.0	0.0	0.0	0.0	15.3	0.0	15.3
94	Mainline Track Replacement 2024 / White Plains Rd	NR	0.0	0.0	0.0	0.0	23.6	0.0	23.6
95	Mainline Track Replacement 2024 / Jamaica	NR	0.0	0.0	0.0	0.0	28.0	0.0	28.0
96	Mainline Track Replacement 2024 / Eastern Parkway	NR	0.0	0.0	0.0	0.0	15.7	0.0	15.7
97	Continuous Welded Rail 2024	NR	0.0	0.0	0.0	0.0	33.7	0.0	33.7
98	Mainline Track - 2024 Support Costs	NR	0.0	0.0	0.0	0.0	16.2	0.0	16.2
99	Mainline Track Replacement 2024 / 4 Avenue	NR	0.0	0.0	0.0	0.0	24.2	0.0	24.2
A1	Mainline Track Replacement 2024 / Queens	NR	0.0	0.0	0.0	0.0	7.6	0.0	7.6
A2	Mainline Track Replacement 2024 / Brighton	NR	0.0	0.0	0.0	0.0	7.5	0.0	7.5
АЗ	Mainline Track Replacement 2024 / Broadway	NR	0.0	0.0	0.0	0.0	7.5	0.0	7.5
A5	Mainline Track Replacement 2024 / Dyre	NR	0.0	0.0	0.0	0.0	8.4	0.0	8.4
A6	Mainline Track Replacement 2024 / Jerome	NR	0.0	0.0	0.0	0.0	0.0	5.6	5.6
Α7	Mainline Track Replacement - 4 stations	NR	0.0	0.0	0.0	0.0	21.8	3.0	24.9
A8	2024 Track Force Account	NR	0.0	0.0	0.0	0.0	35.0	0.0	35.0
B3	Mainline Track Replace 2024 /EPY (S/O Gr Army Plz)	NR	0.0	0.0	0.0	0.0	19.3	0.0	19.3
C3	ML Track Repl: E 149 St/PEL & 179 St/QBL DES	NR	0.0	0.0	0.0	0.0	0.0	0.1	0.1
C4	ML Track Replacement: Kingsbridge Rd/JER DES	NR	0.0	0.0	0.0	0.0	0.0	0.1	0.1
	ML Track Replacement: 2Av/6Av and 7Av/QBL DES	NR	0.0	0.0	0.0	0.0	0.0	0.3	0.3
_	Element Total 02		\$370.9	\$414.1	\$273.9	\$473.3	\$284.8	\$145.7	\$1,962.7

^{*} Represents values less than \$50,000

13 Mainine Track Switches 2020 / Sea Beach	ELEMENT DESCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
33 Mainline Track Switches 2020 / Sea Beach NR 4.2 0.0	03 MAINLINE SWITCH REPLACEMEN	NT							
Mainline Track Switches 2020 / See Beach NR 4,2 0,0 0,0 0,0 0,0 0,0 0,0 4,4			0.0	0.0	0.0	0.0	0.0	66.0	66.0
95 Mainline Track Switches 2020 / Bith Avenue	03 Mainline Track Switches 2020 / Brighton	NR	16.3	0.0	0.0	0.0	0.0	0.0	16.3
10	04 Mainline Track Switches 2020 / Sea Bea	nch NR	4.2	0.0	0.0	0.0	0.0	0.0	4.2
107 Mainline Track Switches 2020 / Pelham NR 8.0 0	05 Mainline Track Switches 2020 / 8th Aven	nue NR	4.5	0.0	0.0	0.0	0.0	0.0	4.5
Section Sect	06 Mainline Track Switches 2020 / Queens	NR	6.1	0.0	0.0	0.0	0.0	0.0	6.1
10	07 Mainline Track Switches 2020 / Pelham	NR	8.0	0.0	0.0	0.0	0.0	0.0	8.0
10	08 Mainline Track Switches 2020 / 4th Aven	nue NR	26.2	0.0	0.0	0.0	0.0	0.0	26.2
Mainline Track Switches 2020 / Broadway	09 Mainline Track Switches 2020 / Lexingto	n NR	7.3	0.0	0.0	0.0	0.0	0.0	7.3
12 Mainline Track Switches 2020 / Rockaway NR 2.9 0.0 0.0 0.0 0.0 0.0 0.0 0.5	10 Mainline Track Switches 2020 / White Pl	ains Rd NR	15.8	0.0	0.0	0.0	0.0	0.0	15.8
13 Mainline Switches - 2020 Support Costs NR	11 Mainline Track Switches 2020 / Broadwa	ay NR	7.4	0.0	0.0	0.0	0.0	0.0	7.4
Mainline Track Switches 2021 / Bth Ave NR 0.0 5.0 0.0	12 Mainline Track Switches 2020 / Rockawa	ay NR	2.9	0.0	0.0	0.0	0.0	0.0	2.9
16 Mainline Track Switches 2021 / Jerome NR 0.0 3.4 0.0 0.0 0.0 0.0 0.0 3.4 17 Mainline Track Switches 2021 / 6th Ave / Culver NR 0.0 7.3 0.0 0.0 0.0 0.0 7.3 18 Mainline Track Switches 2021 / 6th Ave / Culver NR 0.0 7.9 0.0 0.0 0.0 0.0 0.0 2.7 19 Mainline Switches 2021 / Highton NR 0.0 2.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.2 3.3 0.0 0.0 0.0 0.0 2.2 2.2 Mainline Track Switches 2022 / Support Costs NR 0.0 0.0 1.5 4.0 0.0 0.0 0.0 0.0 1.5 4.3 4.0 0.0 0.0 2.2 2.2 Mainline Track Switches 2022 / Brighton NR 0.0 0.0 2.5 </td <td>13 Mainline Switches - 2020 Support Costs</td> <td>NR</td> <td>5.3</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>5.3</td>	13 Mainline Switches - 2020 Support Costs	NR	5.3	0.0	0.0	0.0	0.0	0.0	5.3
17 Mainline Track Switches 2021 / Pelham NR 0.0 7.3 0.0 0.0 0.0 0.0 7.3 18 Mainline Track Switches 2021 / Brighton NR 0.0 2.6 0.0 0.0 0.0 0.0 0.0 7.3 18 Mainline Track Switches 2021 / Brighton NR 0.0 2.6 0.0 0.0 0.0 0.0 0.0 7.3 18 Mainline Track Switches 2021 / Brighton NR 0.0 2.6 0.0 0.0 0.0 0.0 0.0 0.0 7.2 18 Mainline Switches - 2021 Support Costs NR 0.0 7.2 0.0 0.0 0.0 0.0 0.0 0.0 7.2 18 Mainline Switches - 2021 Support Costs NR 0.0 0.0 15.4 0.0 0.0 0.0 0.0 0.0 15.4 0.0 0.0 0.0 0.0 15.4 0.0 0.0 0.0 0.0 15.4 0.0 0.0 0.0 0.0 15.4 0.0 0.0 0.0 0.0 15.4 0.0 0.0 0.0 0.0 15.4 0.0 0.0 0.0 0.0 15.4 0.0 0.0 0.0 0.0 15.4 0.0 0.0 0.0 0.0 15.4 0.0 0.0 0.0 0.0 15.4 0.0 0.0 0.0 0.0 15.4 0.0 0.0 0.0 0.0 15.4 0.0 0.0 0.0 15.4 0.0 0.0 0.0 15.4 0.0 0.0 0.0 0.0 15.3 0.0 0.0 0.0 0.0 15.3 0.0 0.0 0.0 15.4 0.0 0.0 0.0 15.5 0.0 0.0 0.0 0.0 15.3 0.0 0.0 0.0 0.0 15.3 0.0 0.0 0.0 15.3 0.0 0.0 0.0 0.0 15.3 0.0 0.0 0.0 15.3 0.0 0.0 0.0 0.0 15.3 0.0 0.0 0.0 15.3 0.0 0.0 0.0 0.0 15.3 0.0 0.0 0.0 15.3 0.0 0.0 0.0 15.3 0.0 0.0 0.0 15.3 0.0 0.0 0.0 0.0 15.3 0.0 0.0 0.0 15.4 0.0 0.0 0.0 0.0 15.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	14 Mainline Track Switches 2021 / 8th Ave	NR	0.0	5.0	0.0	0.0	0.0	0.0	5.0
18 Mainline Track Switches 2021 / Brighton NR 0.0 7.9 0.0	16 Mainline Track Switches 2021 / Jerome	NR	0.0	3.4	0.0	0.0	0.0	0.0	3.4
19	17 Mainline Track Switches 2021 / Pelham	NR	0.0	7.3	0.0	0.0	0.0	0.0	7.3
Mainline Switches - 2021 Support Costs	18 Mainline Track Switches 2021 / 6th Ave	/ Culver NR	0.0	7.9	0.0	0.0	0.0	0.0	7.9
SigMod: QBL East - Switch Replacement NR 0.0 22.1 0.0 0.0 0.0 0.0 0.0 0.2 22.2 22 2	19 Mainline Track Switches 2021 / Brighton	NR	0.0	2.6	0.0	0.0	0.0	0.0	2.6
Mainline Switches - 2022 Support Costs NR 0.0 0.0 15.4 0.0 0.0 0.0 0.5	20 Mainline Switches - 2021 Support Costs	NR	0.0	7.2	0.0	0.0	0.0	0.0	7.2
Mainline Track Switches 2022 / Canarsie NR 0.0 0.0 5.3 0.0 0.0 0.0 0.5	21 SigMod: QBL East - Switch Replacemen	nt NR	0.0	22.1	0.0	0.0	0.0	0.0	22.1
24 Mainline Track Switches 2022 / 8th Avenue NR 0.0 0.0 25.1 0.0 0.0 0.0 25.5 25 Mainline Track Switches 2022 / Jamaica NR 0.0 0.0 4.8 0.0 0.0 0.0 0.0 4.8 28 Mainline Track Switches 2022 / Brighton NR 0.0 0.0 21.3 0.0 0.0 0.0 21.3 29 Mainline Track Switches 2022 / Brighton NR 0.0 0.0 5.0 5.0 0.0 0.0 0.9 9.9 31 Mainline Track Switches 2022 / West End NR 0.0 0.0 6.1 0.0 0.0 0.0 6.1 0.0 0.0 0.0 6.7 3.0 0.0 0.0 7.3 0.0 0.0 0.0 7.3 0.0 0.0 0.0 7.3 0.0 0.0 0.0 7.3 0.0 0.0 7.7 3.0 0.0 0.0 7.7 3.0 0.0 0.0 17.7 0.0 0.0 <td>22 Mainline Switches - 2022 Support Costs</td> <td>NR</td> <td>0.0</td> <td>0.0</td> <td>15.4</td> <td>0.0</td> <td>0.0</td> <td>0.0</td> <td>15.4</td>	22 Mainline Switches - 2022 Support Costs	NR	0.0	0.0	15.4	0.0	0.0	0.0	15.4
Mainline Track Switches 2022 / Jamaica NR 0.0 0.0 4.8 0.0 0.0 0.0 0.0 4.8	• •		0.0	0.0	5.3	0.0	0.0	0.0	5.3
Mainline Track Switches 2022 / Brighton NR 0.0 0.0 21.3 0.0 0.0 0.0 21.3	24 Mainline Track Switches 2022 / 8th Aven	nue NR	0.0	0.0	25.1	0.0	0.0	0.0	25.1
Mainline Track Switches 2022 / Broadway	25 Mainline Track Switches 2022 / Jamaica	NR	0.0	0.0	4.8	0.0	0.0	0.0	4.8
Mainline Track Switches 2022 / Broadway									21.3
Mainline Track Switches 2022 / 4th Avenue NR 0.0 0.0 17.3 0.0 0.0 0.0 17.3			0.0		5.0	5.0	0.0		9.9
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Element Total 03 \$104.0 \$55.5 \$100.3 \$148.6 \$119.6 \$66.0 \$593.9									7.6
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('atonomy Total 205	Category Total 805		\$474.9	\$469.5	\$374.2	\$621.8	\$404.4	\$211.7	\$2,556.6

LINE EQUIPMENT T - 806

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
05	LINE EQUIPMENT								
02	Fan Plants: Various Locations	VAR	0.0	0.0	0.0	0.0	0.0	156.5	156.5
03	Pump Rooms & Deep Wells: Various Locations	VAR	0.0	0.0	0.0	0.0	0.0	8.6	8.6
04	Additional Work: Line Equipment	SGR	0.0	0.0	0.0	0.0	0.0	0.7	0.7
05	Rehab Deep Wells & Control Upgrade Nostrand Line	SGR	0.0	22.0	0.1	0.2	0.1	0.0	22.3
06	Rehab Fan Plant Damper Systems - 7 Locations	SGR	0.0	19.4	0.3	0.7	0.0	0.4	20.8
07	Replace Supervisory Vent Controls - 2 Locs / FLS	SGR	5.7	0.1	0.0	0.0	0.0	0.0	5.8
80	Pump Rooms & Deep Wells Design	SGR	6.2	4.2	0.3	2.5	0.0	1.2	14.4
12	Fan Plants Design	SGR	0.0	0.6	0.0	3.2	0.1	0.0	3.9
13	Tunnel Lighting Design	SGR	0.0	0.1	0.0	0.0	0.0	0.0	0.1
14	Fan Plant SCADA Head-End Upgrade	SI	0.0	18.0	0.1	0.3	0.0	0.4	18.8
17	Deep Wells Back-flushing - Lenox Line	SGR	0.0	8.4	0.3	0.3	0.0	0.0	8.9
18	Tunnel Lighting, 8 Ave	SGR	0.0	0.0	17.3	0.0	0.0	1.1	18.4
19	Fan Fiber, 8 Ave	SGR	0.0	0.0	16.5	0.0	0.1	0.8	17.4
21	Rehabilitate Pump Room #1028 - Willoughby St/BWY	SGR	0.0	0.0	1.8	0.0	0.0	0.1	2.0
22	Rehabilitate Pump Room #1029 - Adams St/BWY	SGR	0.0	0.0	14.0	0.1	0.0	0.5	14.6
23	Rehabilitate Pump Room #1026 Rockwell/BWY	SGR	0.0	0.0	0.0	26.4	0.7	0.9	27.9
24	Deep Wells Backflushing, 2 Locations	SGR	0.0	0.0	0.0	10.3	1.0	0.6	11.8
25	Fan Plant Comp Repr: BXC (AWO to C48704)	SGR	0.0	0.0	0.0	1.6	0.0	0.0	1.6
26	Sandy Mitigation: Pump Room Enhancements	SI	0.0	0.0	0.0	33.1	5.7	0.0	38.8
27	Sandy Mitigation: Jerome Pump Rooms	SI	0.0	0.0	0.0	31.4	3.5	0.6	35.4
28	Sandy Mitigation: Duct Seals FP 7222, 7232 (Loan)	SI	0.0	0.0	0.0	4.9	0.0	0.0	4.9
30	Rehab Pump Room 4 Locs/Various	SGR	0.0	0.0	0.0	0.0	49.3	5.4	54.7
	Element Total 05		\$11.9	\$72.7	\$50.7	\$114.9	\$60.4	\$177.6	\$488.3
	Category Total 806		\$11.9	\$72.7	\$50.7	\$114.9	\$60.4	\$177.6	\$488.3

^{*} Represents values less than \$50,000

LINE STRUCTURES T - 807

Commitments (\$ in millions)

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
03	LINE STRUCTURE REHABILITATION								
01	Subway Structure Repairs: Various Locations	SGR	0.0	0.0	0.0	0.0	0.0	432.0	432.0
05	Miscellaneous Line Structure Investments	VAR	0.0	0.0	0.0	0.0	0.0	32.8	32.8
02	Elevated Structure Repairs: Various Locations	VAR	0.0	0.0	0.0	0.0	0.0	260.8	260.8
03	Elevated Structure Painting and Repair	SGR	0.0	0.0	0.0	0.0	0.0	417.2	417.2
04	Elevated Structure Netting	SGR	0.0	0.0	0.0	0.0	0.0	10.0	10.0
07	Small Business Mentoring Program - Line Structures	SGR	1.0	1.0	7.6	0.1	0.0	0.1	9.7
08	Structural Repairs Steinway Loop QBL	SGR	1.1	0.0	0.0	0.0	0.0	0.0	1.1
09	Subway Structure Repairs Design	SGR	0.1	6.0	0.5	5.9	0.2	15.0	27.7
10	Special/Misc. Structures Design	VAR	2.1	0.0	3.4	8.9	0.2	0.0	14.5
11	Plenum Plate Demo & Struct. Rehab EPK	SGR	0.5	0.0	0.0	0.0	0.0	0.0	0.5
12	LSCRP 8th Ave CNR	SGR	0.0	35.0	0.0	0.0	0.0	0.0	35.0
13	Line Structures Painting and Repair Design	SGR	1.7	8.0	5.5	7.8	0.7	0.0	16.5
14	Elevated Structure Repairs Design	SGR	0.0	0.4	5.5	2.8	0.0	1.1	9.7
15	Paint and Repair: Culver Line Pilot Section 1	SGR	0.0	1.7	0.0	0.0	0.0	0.0	1.7
16	Paint and Repair: Culver Line Pilot Section 2	SGR	0.0	2.4	0.0	0.0	0.0	0.0	2.4
17	Paint and Repair: 48 St - 72 St FLS	SGR	0.0	0.0	14.9	0.3	0.0	0.4	15.6
18	LSCRP 161 -192 Sts BXC	SGR	0.0	123.7	0.9	0.2	0.0	2.2	127.0
19	Vents 161 - 192 Sts BXC	SGR	0.0	11.5	0.0	0.0	0.0	0.2	11.7
20	Rehab of Emergency Exits - 2021	SGR	0.0	6.4	0.0	0.0	0.0	0.0	6.4
23	Repl of Elect/Equip: S. Channel Bridge	SGR	0.0	0.0	56.5	2.3	0.0	1.5	60.3
24	Rehab Hammels Wye	SGR	0.0	0.0	98.4	0.6	0.0	7.4	106.3
25	Elev Struc. Repairs: Over-Land Sections RKY	SGR	0.0	0.0	100.3	0.4	0.0	2.0	102.7
26	Jamaica Structural Repairs	SGR	0.0	1.5	0.0	0.0	0.0	0.0	1.5
27	63 St Structural Repairs	SGR	0.0	2.1	0.0	0.0	0.0	0.0	2.1
28	Critical Ventilators Between Stations - Constr I/H	SGR	0.0	3.4	0.0	0.0	0.0	0.0	3.4
29	Line Structure Repairs, 8 Ave	SGR	0.0	0.0	72.1	0.5	0.0	5.3	77.9
30	LSCRP: Repair of Priority Column Bases/JER&WPR	SGR	0.0	7.5	0.0	0.0	0.0	0.0	7.5
31	Woodside Structures	SGR	0.0	0.0	138.9	1.2	0.1	1.2	141.5
32	Repair Abutment Wall: Coney Island Yard	SGR	0.0	0.0	15.3	0.0	0.0	0.1	15.3
33	Replace Bridge: St Marks Ave/Franklin Ave Shuttle	SGR	0.0	0.0	18.2	2.1	0.0	0.1	20.4
34	Rehab of Emergency Exits - 2022	SGR	0.0	0.0	12.5	0.0	0.0	0.0	12.5
35	Paint and Repair: Myrtle Avenue - DeSales PI/JAM	SGR	0.0	0.0	78.1	2.7	0.1	1.9	82.9
36	Paint and Repair: Williamsburg Bridge - Myrtle Ave	SGR	0.0	0.0	69.9	2.5	0.3	1.7	74.4
37	Paint and Repair: ENY Yard & Shop Leads/Loops	SGR	0.0	0.0	55.9	2.0	0.2	1.5	59.6
38	LSCRP Brooklyn (BRT)	SGR	0.0	0.0	1.7	0.0	0.0	0.0	1.7
39	LSCRP: Defects w/in Stations (I/H) 138 St 3 Av PEL	SGR	0.0	0.0	3.3	0.0	0.0	0.0	3.3
44	Paint and Steel Repair, Culver Line South	SGR	0.0	0.0	91.7	6.8	0.0	2.2	100.6
40	Stormwater Mitigation: Various Locations	SI	0.0	0.0	1.0	0.3	0.6	44.8	46.7
41	Demolition of Abandoned Structures WPR	SGR	0.0	0.0	0.8	0.0	0.1	0.0	0.9
42	Demolition of Abandoned Structures: 97th CBH/JAM	SGR	0.0	0.0	0.3	0.0	0.0	0.0	0.3
45 47	Steel Repair, Culver Line North	SGR	0.0	0.0	49.7	3.1	0.0	0.2	53.1
47 48	Demolition of Abandoned Structures: Marcy Tower Structure Painting: Myrtle Line Outstanding Work	SGR SGR	0.0 0.0	0.0 0.0	0.0 0.0	0.1 120.2	0.0 10.0	0.0 2.4	0.1 132.6
53	VS300 63rd Street Vent Bldng Stairway Lighting	SGR	0.0	0.0	0.0	0.0	4.3	0.0	4.3
53 54	LSCRP Lexington / Jerome	SGR	0.0	0.0	0.0	75.5	4.3 1.9	8.9	4.3 87.0
55	Rehab Emergency Exits - 2023	SGR	0.7	0.0	0.0	9.3	0.0	0.0	9.3
56	LSCRP:Defects w/in Stations(I/H) E Bdwy 6AV	SGR	0.0	0.0	0.0	9.3 17.8	0.0	0.0	9.3 17.8
58	Structure Painting: QB Plaza - 33 St FLS (DES)	SGR	0.0	0.0	0.0	0.0	0.0	0.0	0.3
59	Structure Painting: QB Plaza - 33 St PL3 (DE3) Structure Painting: 225 St - 240 St BW7	SGR	0.0	0.0	0.2	0.0	27.3	104.9	132.3
60	LSCRP: Uptown Manhattan 8 AV	SGR	0.0	0.0	0.0	0.0	88.4	4.0	92.4
00	LOOK . Optomi Mannatian O AV	COIL	0.0	0.0	0.0	0.0	50.7	7.0	UZ.7

^{*} Represents values less than \$50,000

Numbers may not add due to rounding

LINE STRUCTURES T - 807

	MENT GCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
03	LINE STRUCTURE REHABILITATION								
61	LSCRP: Uptown Manhattan 7 AV	SGR	0.0	0.0	0.0	0.0	65.4	2.8	68.2
62	Exp Joints Repair 133 St & Lasalle BW7	SGR	0.0	0.0	0.0	0.0	16.8	0.7	17.5
63	Stormwater Mitigation: 81 St & Broadway BW7	SI	0.0	0.0	0.0	0.0	9.3	0.4	9.7
64	Dem. of Abandoned Structures CBH 125 St BW7	SGR	0.0	0.0	0.0	0.0	1.7	0.1	1.8
65	LSCRP: Brooklyn/4 Ave (DES)	SGR	0.7	0.0	0.0	0.0	1.4	0.0	2.1
68	Struct Rehab/Ovrct - E 180 St. Abut WPR Ad'l Costs	SGR	0.0	0.0	0.0	0.0	1.4	0.0	1.4
69	Ovrct 17 Bridges & Flyover E 180 St DYR Ad'l Costs	SGR	0.0	0.0	0.0	0.8	2.2	0.0	2.9
70	East 180 St Flyover / Dyre Ave Additional Costs	SGR	0.0	0.0	0.0	0.0	0.0	0.0	0.0*
71	Vent Reconstruction - Halsey St CNR 10 Locs	SGR	0.0	0.0	0.0	0.0	10.1	0.1	10.2
73	Paint: Portal to Kings Hwy/Culver	SGR	0.0	0.0	0.0	0.0	129.2	12.2	141.4
74	Demolish of Abandoned Structures / BW7	SGR	0.0	0.0	0.0	0.0	0.7	0.4	1.0
75	Column Repair / WST	SGR	0.0	0.0	0.0	0.0	0.0	67.8	67.8
77	Demolish Old Rock Park Yard Substation/RKY	SGR	0.0	0.0	0.0	0.0	0.0	0.0	0.0*
78	Demo CBH N/O Eldert's Lane / JAM	SGR	0.0	0.0	0.0	0.0	0.0	2.2	2.2
79	Demo Abandoned Structures: Parkchester Tower PEL	SGR	0.0	0.0	0.0	0.0	0.0	0.1	0.1
80	Rehab Emergency Exits: ICC (2025) 4 Locs (25-29)	SGR	0.0	0.0	0.0	0.0	0.0	5.3	5.3
	Element Total 03		\$7.7	\$203.2	\$902.8	\$274.2	\$372.6	\$1,454.4	\$3,215.0
	Category Total 807		\$7.7	\$203.2	\$902.8	\$274.2	\$372.6	\$1,454.4	\$3,215.0

^{*} Represents values less than \$50,000

SIGNALS & COMMUNICATION T - 808

Commitments (\$ in millions)

	MENT CRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
03	SIGNAL MODERNIZATION								
02	System-Wide Signal Improvements	VAR	0.0	0.0	0.0	0.0	0.0	143.7	143.7
03	SigMod Equipment for Cars and Locomotives	SI	0.0	0.0	0.0	0.0	0.0	566.2	566.2
04	SigMod: 8 Av and 2 Interlockings (Add supp costs)	SGR	0.0	0.0	0.0	7.8	0.0	135.9	143.7
05	Miscellaneous SigMod Supporting Investments	VAR	0.0	0.0	0.0	0.0	0.0	5.7	5.7
12	Mechanical Plug-In Timer Relays Replacement	VAR	9.2	0.0	0.0	0.0	0.0	0.0	9.2
16	CBTC: GEC Services	SI	0.0	0.1	18.8	2.9	0.4	0.3	22.6
13	CBTC: Flushing Line Equipment Removals	SI	0.0	19.6	0.4	0.0	0.0	0.0	20.0
14	Single Chip UWB Interoperability Proof of Concept	SI	0.0	24.4	0.0	0.0	0.0	0.0	24.4
15	Signal Enhancements (TIP)	SI	0.0	0.4	0.0	0.0	0.0	0.0	0.4
17	SigMod: Queens Blvd East and 3 Interl Furnish	SGR	0.0	75.2	10.5	10.8	0.0	2.3	98.8
18	SigMod: Queens Blvd East and 3 Interl Install	SGR	0.0	366.3	33.6	0.4	0.3	40.3	441.0
20	Cable Messenger Brackets/BRI	SGR	0.0	0.0	3.3	0.0	0.0	0.0	3.3
23	CBTC: Crosstown Line & 3 Interlockings	SGR	0.0	0.0	531.3	38.8	1.8	65.4	637.2
26	CBTC: Equip 640 R211 Option 1 Cars	SI	0.0	0.0	14.4	6.1	0.0	0.0	20.5
27	Validation & Verification for CBTC-SSI	SI	0.0	0.0	0.1	0.0	0.0	0.0	0.1
28	Bergen St Interlocking Upgrade	NR	0.0	0.0	23.4	1.4	0.0	1.0	25.8
29	CBTC: Equip 435 R211 Option 2 Cars	NR	0.0	0.0	0.0	12.5	0.0	0.0	12.5
30	Rail Simulation Study	SI	0.0	0.0	0.0	0.6	0.0	0.0	0.6
31	CBTC: Carborne Equipment Purchase	NR	0.0	0.0	0.0	2.0	0.2	0.0	2.2
32	CBTC QBL West (additional costs)	NR	0.0	0.0	0.0	0.0	6.7	6.6	13.3
33	Equip B Div Cars with Second CBTC Radio: Siemens	SI	0.0	0.0	0.0	0.0	4.1	0.0	4.1
34	Equip B Div Cars with Second CBTC Radio: Hitachi	SI	0.0	0.0	0.0	0.0	0.0	3.0	3.0
DD	Signal Modernization Design	VAR	3.7	12.4	1.4	17.6	0.7	49.5	85.2
RR	SigMod: 3 Lines and Associated Interlockings	VAR	0.0	0.0	0.0	0.0	0.0	2,735.3	2,735.3
	Element Total 03		\$12.8	\$498.4	\$637.2	\$100.8	\$14.2	\$3,755.3	\$5,018.8

The following lines are also identified in the 2020-2024 program and will be broken out as awarded.

²⁴ SigMod: 6 Ave / 63rd St Lines and Associated Interlockings

²⁵ SigMod: Fulton Line and Associated Interlockings

SIGNALS & COMMUNICATION T - 808

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
06	COMMUNICATION SYSTEMS								
01	Comm Network Upgrades: Various Locations	VAR	0.8	0.5	8.9	5.1	0.0	4.6	19.9
02	Phone PBX Switch Upgrades: Various Locations	NR	0.0	0.0	1.3	0.0	0.0	23.7	25.0
03	Fiber Optic Cable Replacement: Various Locations	SGR	4.0	0.2	0.0	0.0	0.0	0.0	4.2
04	Copper Cable Replacement: Various Locations	NR	0.0	0.0	2.0	0.1	0.1	28.1	30.3
05	Antenna Cable Replacement: Various Locations	SGR	0.0	3.8	0.2	0.0	0.0	0.0	4.0
06	Subway Radio Equipment Replacement	NR	0.0	0.2	0.0	0.0	0.0	0.0	0.2
)7	Station Comm Room Upgrades: Various Locations	SGR	2.2	0.0	0.1	0.0	0.0	12.5	14.8
80	Station Information Systems: Various Locations	VAR	2.8	0.2	4.7	2.4	0.1	391.8	402.0
10	Security Technology Upgrades: Various Locations	SI	0.0	0.0	0.0	0.0	0.0	34.2	34.2
11	Small Business Mentoring Program - Communications	SI	0.0	18.7	22.8	7.5	0.3	10.2	59.5
12	Passenger ID CCTV - 88 Locations	SI	0.0	0.3	65.2	0.4	0.1	0.0	66.0
13	Comm Room 318A 34 St BW7 PSNY-33rd	SI	1.5	0.0	0.0	0.0	0.0	0.0	1.5
14	URT Phase 3	SI	0.0	0.0	90.6	9.9	0.5	7.5	108.4
15	Liftnet Transition to Ethernet; Ph. 2 - Package 1	SI	0.0	8.6	0.3	0.0	0.0	0.0	8.9
16	Liftnet Transition to Ethernet; Ph. 2 - Package 2	SI	0.0	0.0	7.0	0.4	0.2	0.0	7.6
24	PA/CIS Upgrade: Canarsie Line, Phase 2	SGR	0.0	0.0	0.0	78.2	4.8	0.3	83.3
37	Electronic Security: Columbus Circle Complex	SI	13.4	0.0	0.1	0.0	0.0	0.8	14.3
88	ESS: Wall/Broad Street	SI	0.0	7.3	0.1	0.0	0.0	0.0	7.4
89	ESS: Canal Street Complex (DES)	SI	0.0	0.7	1.3	0.0	0.0	0.0	2.0
0	Antenna Cable Concourse Line (IND)	SI	0.0	9.5	0.0	0.0	0.0	0.2	9.8
1	Asych Fiber Optic Network Ring F	SI	0.0	26.4	0.0	1.2	0.0	0.0	27.5
2	PA/CIS Electronics Replacement - Canarsie Line	NR	0.0	7.1	0.0	0.0	0.0	0.0	7.1
.3	Fiber Optic Cable Replacement (2021)	NR	0.0	4.4	0.1	0.0	0.0	0.0	4.5
4	ESS: Jay St Metro Tech (DES)	SI	0.0	0.0	1.7	0.2	0.0	0.0	1.9
15	ESS: West 4th St	SI	0.0	0.0	14.1	0.1	0.0	0.0	14.1
16	Laser Intrusion Detection	SI	0.0	0.0	2.2	1.2	0.1	11.6	15.0
7	Track Intrusion Detection	SI	0.0	0.0	1.3	1.8	0.0	31.9	35.0
8	Track Safety Communications Initiatives Reserve	SI	0.0	0.0	0.0	0.9	0.0	9.1	10.0
19	PSLAN: Expand Partial to Full at 75 St / JAM	SI	0.0	0.0	0.7	0.0	0.0	0.0	0.7
50	Passenger ID CCTV	SI	0.0	0.0	0.7	72.2	6.6	2.8	82.3
51	Fiber Optic Cable Replacement (2022)	NR	0.0	0.0	4.3	1.5	0.0	0.0	5.8
2	Antenna Cable Replacement: Mnhttn Bridge Ph. 2	NR	0.0	0.0	5.9	0.1	0.0	0.0	6.0
3	ESS: 145th St/8 Ave (DES)	SI	0.0	0.0	0.8	0.1	0.0	0.0	1.8
54	ESS: 14th St/8 Ave Complex (DES)	SI	0.0	0.0	0.8	0.9	0.1	0.0	1.0
	, ,	SGR	0.0	0.0		0.0	0.0	0.0	0.8
5	ISIM B Rollout for Module 3 (Add'l Support) PSLAN Upgrades for PA/CIS Phase 0	SI	0.0	0.0	0.8	22.6	0.0	0.0	
6	. •				0.0				22.7
7	Upgrade ASYNC Fiber Optic Network Ring E	NR	0.0	0.0	0.0	32.2	0.2	0.5	32.8
8	Fiber Optic Cable Replacement (2023)	NR	0.0	0.0	0.0	12.7	1.1	0.7	14.5
9	Antenna Cable Replacement: Jay Street	NR	0.0	0.0	0.0	9.2	0.0	0.1	9.3
0	Comm Room Upgrade: APC Repl	SGR	0.0	0.0	0.0	16.3	1.1	0.2	17.7
1	Comm Room HVAC: 138th St/Grand Concourse	SGR	0.0	0.0	0.0	0.3	0.0	0.0	0.4
4	Connection Oriented Ethernet (COE) 3C	NR	0.0	0.0	0.0	118.5	10.6	9.5	138.6
35	Fiber Optic Replacement (Pt 8) BH to Whitehall	SGR	0.0	0.0	0.0	4.9	0.1	0.5	5.4
66	Fiber Optic Replacement (Pt 9) Bleeker to 19th St	SGR	0.0	0.0	0.0	5.0	0.1	0.4	5.5
8	Trk Intr.: Plat Cam Video Analytics 3 Complexes	SI	0.0	0.0	0.0	0.0	0.0	0.9	0.9
0	Fiber Optic Cable Replacement Part 10	SGR	0.0	0.0	0.0	0.0	7.4	0.5	8.0
' 1	VHF Radio Replacement	NR	0.0	0.0	0.0	0.0	0.0	11.7	11.7
	Element Total 06		\$24.7	\$87.5	\$237.9	\$406.6	\$33.8	\$594.3	\$1,385.0
	Category Total 808		\$37.6	\$586.0	\$875.2	\$507.4	\$48.0	\$4,349.7	\$6,403.8

^{*} Represents values less than \$50,000

TRACTION POWER T - 809

SUBSTATIONS 11 Substation Renewals: Various Locations 12 Substation Enclosures: Various Locations 13 Substation Enclosures: Various Locations 14 Power Improvements: Various Locations 15 Negative Cables: 4th Ave Line - 36St to Pacific Ph3 16 New 84C Contact Rail - Archer Ave 17 SGR 18 New 84C Contact Rail - Archer Ave 18 SGR 19 Substation Projects- Design 10 Substation Projects- Design 11 Jamaica Line: 84C Contact Rail 12 Jamaica Line: 84C Contact Rail 13 G3 St 84C Contact Rail 14 G3 St Negative Side Feeders 15 New Substation: 28 St / 8AV 16 Replace Transformer and Associated Equip., 2 Subs 17 Replace Transformer and Associated Equip., 2 Subs 18 Replace DC Lineup at Jamaica Yard Substation 19 Replace High Tension Switchgear at 1 Substation 19 Replace High Tension Switchgear at 1 Substation 20 Replace High Tension Switchgear at 1 Substation 21 Substation Renewal: 13 St / CUL 22 Substation Renewal: 13 St / CUL 23 Replace High Tension Switchgear at 1 Location 24 Substation Renewal: 18 ZR d / QBL 25 Replace High Tension Switchgear at 1 Location 26 SGR 27 Rehab Substation Renewal 6AV 28 Village Substation Renewal 6AV 29 Village Substation Renewal 6AV 20 Village Substation Renewal 6AV 20 Replace Control & Battery Cable, 20ne 20 21 Substation Renewal 6AV 22 Replace Control & Battery Cable, 20ne 20 23 Replace Control & Battery Cable, 20ne 20 24 Replace Control & Battery Cable, 20ne 20 25 Replace Transformer, Broad Channel Substation 26 Replace Control Substation Renewal 8AV 27 Replace Control Substation Renewal 8AV 28 Replace Control Substation Renewal 8AC 29 Replace Control Substation Renewal 8AC 30 Repair Components 62 RG Substation Penewal 8AV 31 Replace Control Substation Renewal 8AC 32 Replace Control Substation Renewal 8AC 33 Concourse Yard Substation Renewal 8AC 34 Replace Control Substation Renewal 8AC 35 Replace Transformer, Broad Channel Substation 36 Replace Transformer, Broad Channel Substation 37 Replabilitation of 11 CBHs and 1 Enclosure DES 38 Replace Bed	2020	020 20)21 202	2 2023	2024	Post 2024	Total All Years
Substation Enclosures: Various Locations VAR Power Improvements: Various Locations VAR Regative Cables: 4th Ave Line - 36St to Pacific Ph3 SGR New 84C Contact Rail - Archer Ave SGR New Negative Side Feeders- Archer Ave SGR Substation Projects- Design Sign Jamaica Line: 84C Contact Rail Jamaica Line: 84C Contact Rail Jamaica Line Negative Side Feeders SGR Jamaica Line Negative Side Feeders SGR SGR St 84C Contact Rail SGR SGR SGR SI St Negative Side Feeders SGR SGR SGR SI St Negative Side Feeders SGR SGR SGR SGR SGR SH Replace Transformer and Associated Equip.(1 loc) Replace Transformers and Associated Equip., 2 Subs Replace DC Lineup at Jamaica Yard Substation SGR Replace High Tension Switchgear at 5 Substations SGR Replace High Tension Switchgear at 1 Substation SGR Substation Renewal: 13 St / CUL SGR Substation Renewal: 82 Rd / QBL SGR Village Substation Renewal 6AV SGR Village Substation Renewal 6AV SGR Hester St Substation Renewal 6AV SGR Rehab Substation Roofs & Enclosure - B'way/W 143 St SGR Replace Control & Battery Cable, Zone 20 SGR Replace Control Cable, Zone 25 SGR Replace Control Cable, Zone 25 SGR Replace Control Cable, Sone SGR SGR Replace Control Cable, Sone SGR SGR Seplace Transformer, Broad Channel Substation SGR Felement Total 02 POWER DISTRIBUTION Circuit Breaker Houses: Various Locations SGR SGR Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK SGR Rehab CBH Enclosures at CIY SGR Rehabilitation of 5 CBHs: Various Locs SGR Emergency Alarm Rollout Phase 1							
Power Improvements: Various Locations Negative Cables:4th Ave Line - 36St to Pacific Ph3 Negative Cables:4th Ave Line - 36St to Pacific Ph3 New Regative Side Feeders- Archer Ave New Negative Side Feeders- Archer Ave SGR New Negative Side Feeders - Archer Ave SGR Jamaica Line: 84C Contact Rail Jamaica Line Negative Side Feeders SGR SGR SGR SS 84C Contact Rail SGR SGR SGR SS ST 84C Contact Rail SGR SGR SGR SS SGR Replace Transformer and Associated Equip., 2 Subs Replace Transformer and Associated Equip., 2 Subs Replace DC Lineup at Jamaica Yard Substation Replace High Tension Switchgear at 5 Substation Replace High Tension Switchgear at 1 Location Replace Solustation Renewal 6AV RGR Rehab Substation Renewal 6AV RGR Replace Control & Battery Cable, Zone 20 RGR Replace Control & Battery Cable, Zone 20 RGR Replace Control Cable, Zone 25 Replace Transformer, Broad Channel Substation Replace Control Cable, Zone 25 Replace Transformer, Broad Channel Substation Replace Replace Control Cable, Zone 25 Replace Transformer, Broad Channel Substation Replace Replace SCADA BMT Rehabilitation of 11 CBHs and 1 Enclosure DES Replace Replace SCADA BMT Re	0.0	.0 0	0.0	0.0	0.0	4.5	4.5
Negative Cables:4th Ave Line - 36St to Pacific Ph3 New 84C Contact Rail - Archer Ave New Neyative Side Feeders- Archer Ave SGR New Negative Side Feeders- Archer Ave SGR Substation Projects- Design Jamaica Line: 84C Contact Rail Jamaica Line: 84C Contact Rail Jamaica Line: Negative Side Feeders SGR	0.0	.0 0	0.0	0.0	0.0	27.9	27.9
New 84C Contact Rail - Archer Ave SGR New Negative Side Feeders- Archer Ave SGR Substation Projects- Design SGR Jamaica Line: 84C Contact Rail SGR SGR Jamaica Line: 84C Contact Rail SGR SGR Jamaica Line Negative Side Feeders SGR SGR ST 84C Contact Rail SGR SGR ST 84C Contact Rail SGR SGR ST New Substation: 28 St / 8AV SI Replace Transformer and Associated Equip. (1 loc) NR Replace Transformers and Associated Equip., 2 Subs SGR Replace DC Lineup at Jamaica Yard Substation SGR Replace High Tension Switchgear at 5 Substations SGR Replace High Tension Switchgear at 1 Substation SGR Substation Renewal: 13 St / CUL SGR Substation Renewal: 38 t / QBL SGR Substation Renewal: 82 Rd / QBL SGR Substation Ronfs & Enclosures: 3 Locs Qns SGR SUBstation Ronfs & Enclosures: 3 Locs Qns SGR SUBstation Ronfs & Enclosure - B'way/W 143 St SGR Rehab Substation Renewal 6AV SGR Replace Control & Battery Cable, Zone 20 SGR Replace Control Cable, Zone 25 SGR Replace Transformer, Broad Channel Substation SGR Replace Transformer, Broad Channel Substation SGR Replace Transformer, Broad Channel Substation SGR Rehab In Components SCR Replace Control Cable, Zone 25 SGR Replace Transformer, Broad Channel Substation SGR Replace Control Cables: Various Locations SGR Replace Replace Replacement CBH 301 Pennsylvania Av / EPK SGR Replace Repair Components SGR Replace Replace Replacerer CBH 301 Pennsylvania Av / EPK SGR Rephab 4 CBH Enclosures CBH 301 Pennsylvania Av / EPK SGR Rehab 1 Replacition of 5 CBHs: Various Locs SGR	0.0	.0 0	0.0	0.0	0.0	353.8	353.8
New Negative Side Feeders- Archer Ave SGR Substation Projects- Design Jamaica Line: 84C Contact Rail Jamaica Line: 84C Contact Rail Jamaica Line: 84C Contact Rail SGR SGR SI 84C Contact Rail SGR SGR SGR SI 84C Contact Rail SGR SGR SGR SGR SGR SGR SGR SER SER SGR SER SGR SER SER SER SGR SER SER SER SER SER SER SER SER SER SE	0.0	.0 0	0 48.2	0.2	0.0	0.2	48.5
Substation Projects- Design Jamaica Line: 84C Contact Rail Jamaica Line: 84C Contact Rail Jamaica Line: Negative Side Feeders SGR SGR SSR SS Negative Side Feeders SGR SGR SST Negative Side Feeders SGR SGR SST New Substation: 28 St / 8AV SI Replace Transformer and Associated Equip., 2 Subs Replace Transformers and Associated Equip., 2 Subs Replace DC Lineup at Jamaica Yard Substation SGR Replace High Tension Switchgear at 5 Substations Replace High Tension Switchgear at 1 Substation SGR Replace High Tension Switchgear at 1 Substation SGR Replace High Tension Switchgear at 1 Location SGR SUBSTATION SUBSTATION SGR Replace High Tension Switchgear at 1 Location SGR Replace High Tension Switchgear at 1 Location SGR SUBSTATION SUBSTATION SGR SUBSTATION SUBSTATION SGR SUBSTATION SUBSTATION SGR SUBSTATION SUBSTATION SUBSTATION SGR SUBSTATION SUBSTATION SUBSTATION SUBSTATION SGR SUBSTATION SUBSTATIO	3.4	.4 0	0.0	0.0	0.0	0.0	3.4
Jamaica Line: 84C Contact Rail Jamaica Line Negative Side Feeders SGR 3 63 St 84C Contact Rail Kogr 63 St Negative Side Feeders SGR 7 Replace Transformer and Associated Equip. (1 loc) Replace Transformers and Associated Equip., 2 Subs Replace Transformers and Associated Equip., 2 Subs Replace DC Lineup at Jamaica Yard Substation Replace High Tension Switchgear at 5 Substations Replace High Tension Switchgear at 1 Substation SGR Replace High Tension Switchgear at 1 Substation SGR Substation Renewal: 13 St / CUL SGR Substation Renewal: 82 Rd / QBL Substation Roofs & Enclosures: 3 Locs Qns SGR Substation Roofs & Enclosures: 3 Locs Qns SGR Village Substation Renewal 6AV Rehab Substation Roof & Enclosures - 2 Locations Replace Control & Battery Cable, Zone 20 Replace Control & Battery Cable, Zone 20 SGR Replace Control & Battery Cable, Zone 20 SGR Replace Transformer, Broad Channel Substation SGR Rehab Substation Renewal BXC SGR Replace Transformer, Broad Channel Substation SGR Replace SCADA BMT SGR Rehab CBH Enclosures at CIY Installation of 5 CBHs: Various Locs SGR Rehabilitation of 5 CBHs: Various Locs SGR Replace Emergency Alarm Rollout Phase 1	0.9	.9 0	0.0	0.0	0.0	0.0	0.9
2 Jamaica Line Negative Side Feeders 3 63 St 84C Contact Rail 4 63 St Negative Side Feeders 5 New Substation: 28 St / 8AV 6 Replace Transformer and Associated Equip. (1 loc) 7 Replace Transformer and Associated Equip., 2 Subs 8 Replace DC Lineup at Jamaica Yard Substation 9 Replace High Tension Switchgear at 5 Substations 9 Replace High Tension Switchgear at 1 Substation 9 SGR 1 Substation Renewal: 82 Rd / QBL 2 Substation Roofs & Enclosures: 3 Locs Qns 1 Replace High Tension Switchgear at 1 Location 9 GGR 1 Substation Roofs & Enclosures: 3 Locs Qns 1 Hester St Substation Renewal 6AV 9 SGR 1 Village Substation Renewal 6AV 9 SGR 1 Rehab Substation Roofs & Enclosure - B'way/W 143 St 1 Replace Control & Battery Cable, Zone 20 9 SGR 1 Replace Control & Battery Cable, Zone 20 9 SGR 1 Replace Control Cable, Zone 25 1 Replace Control Cable, Zone 25 1 Replace Transformer, Broad Channel Substation 1 Circuit Breaker Houses: Various Locations 9 GR 1 Circuit Breaker Houses: Various Locations 9 SGR 1 Replace ScADA BMT 9 Circuit Breaker Houses: Various Locations 9 GR 1 Replace ScADA BMT 9 Rehabilitation of 11 CBHs and 1 Enclosure DES 9 Replace Transformer, Broad Channel Substation 9 SGR 1 Replace ScADA BMT 9 Rehabilitation of 11 CBHs and 1 Enclosure DES 9 Replace ScADA BMT 9 Rehabilitation of 11 CBHs and 1 Enclosure DES 9 Replace ScADA BMT 9 Rehabilitation of 11 CBHs and 1 Enclosure DES 9 Rehab CBH Enclosures at CIY	3.5	.5 18	3 8.2	14.0	6.3	8.5	58.8
3 63 St 84C Contact Rail 4 63 St Negative Side Feeders 5 New Substation: 28 St / 8AV 6 Replace Transformer and Associated Equip. (1 loc) 7 Replace Transformers and Associated Equip. , 2 Subs 8 Replace DC Lineup at Jamaica Yard Substation 9 Replace High Tension Switchgear at 5 Substations 9 Replace High Tension Switchgear at 1 Substation 10 Substation Renewal: 13 St / CUL 11 Substation Renewal: 82 Rd / QBL 12 Substation Renewal: 82 Rd / QBL 13 Replace High Tension Switchgear at 1 Location 14 Substation Renewal: 82 Rd / QBL 15 Substation Renewal: 82 Rd / QBL 16 Substation Renewal: 84 Rd / QBL 17 Replace High Tension Switchgear at 1 Location 18 Sqq 18 Replace High Tension Switchgear at 1 Location 19 Sqq 10 Sqq 11 Substation Renewal: 6AV 11 Sqq 12 Substation Renewal: 6AV 13 Replace Substation Renewal: 6AV 14 Sqq 15 Replace Substation Renewal: 6AV 16 Village Substation Renewal: 6AV 17 Rehab Substation Roofs & Enclosure - B'way/W 143 St 18 Rehab Substation Roofs & Enclosures - 2 Locations 19 HT Switchgear Replacement 2 Locations 10 Repair Components 62 Rd Substation QBL 11 Replace Control & Battery Cable, Zone 20 12 Washington Heights Substation Renewal: 8AV 13 Concourse Yard Substation Renewal: 8AV 14 Replace Control Cable, Zone: 25 15 Replace Transformer, Broad Channel Substation 16 Circuit Breaker Houses: Various Locations 17 Circuit Breaker Houses: Various Locations 18 Miscellaneous Power Investments 19 Circuit Breaker Houses: Various Locations 20 Miscellaneous Power Investments 21 Traction Power Cables: Various Locations 22 Sqq 23 Miscellaneous Power Investments 24 Rehabilitation of 11 CBHs and 1 Enclosure DES 25 Repuild Ducts: Central Substation 26 Upgrade SCADA BMT 27 Power Distribution Design 28 Rehab CBH Enclosures: CBH: 301 Pennsylvania Av / EPK 29 Rehab CBH Enclosures: CBH: 301 Pennsylvania Av / EPK 30 Installation of Second Negative Rail: / Dyre 31 Rehabilitation of 5 CBHs: Various Locs 32 Sqq 33 Emergency Alarm Rollout Phase: 1	0.0	.0 3	1 0.0	0.0	0.0	0.0	3.1
4 63 St Negative Side Feeders 5 New Substation: 28 St / 8AV 6 Replace Transformer and Associated Equip. (1 loc) 7 Replace Transformers and Associated Equip., 2 Subs 8 Replace DC Lineup at Jamaica Yard Substation 9 Replace High Tension Switchgear at 5 Substations 9 Replace High Tension Switchgear at 1 Substation 9 Replace High Tension Switchgear at 1 Location 9 Replace Substation Renewal / 6AV 9 SGR 9 Hester St Substation Renewal / 6AV 9 Rehab Substation Renewal 6AV 9 Rehab Substation Roofs & Enclosures - 2 Locations 9 HT Switchgear Replacement 2 Locations 9 HT Switchgear Replacement 2 Locations 9 Repair Components 62 Rd Substation QBL 1 Replace Control & Battery Cable, Zone 20 2 Washington Heights Substation Renewal / 8AV 9 GGR 1 Replace Control Cable, Zone 25 9 Replace Transformer, Broad Channel Substation 9 GR 1 Circuit Breaker Houses: Various Locations 9 GR 1 Rehabilitation of 11 CBHs and 1 Enclosure DES 9 Rebuild Ducts: Central Substation 9 GR 1 Power Distribution Design 1 Rehabilitation of Second Negative Rail / Dyre 1 Rehab CBH Enclosures at CIY 1 NR 1 Rehabilitation of 5 CBHs: Various Locs 2 Emergency Alarm Rollout Phase 1	0.0	.0 0	4 0.0	0.0	0.0	0.0	0.4
S New Substation: 28 St / 8AV Replace Transformer and Associated Equip. (1 loc) Replace Transformers and Associated Equip., 2 Subs Replace DC Lineup at Jamaica Yard Substation Replace High Tension Switchgear at 5 Substations Replace High Tension Switchgear at 1 Substation SGR Replace High Tension Switchgear at 1 Substation SGR Substation Renewal: 13 St / CUL SGR Substation Renewal: 82 Rd / QBL Substation Renewal: 82 Rd / QBL SGR Replace High Tension Switchgear at 1 Location SGR Substation Renewal: 82 Rd / QBL SGR Replace High Tension Switchgear at 1 Location SGR Substation Renewal: 82 Rd / QBL SGR Substation Renewal: 82 Rd / QBL SGR Substation Renewal: 84 Rd / QBL SGR Substation Renewal: 84 Rd / QBL SGR Substation Renewal: 84 Rd / QBL SGR Village Substation Renewal: 84 Rd / QBL Rehab Substation Renewal: 84 Rehab Substation Roofs & Enclosure - B'way/W 143 St Rehab Substation Roofs & Enclosure - 2 Locations Replace Components 62 Rd Substation QBL Replace Control & Battery Cable, Zone 20 SGR Washington Heights Substation Renewal: 8AV SGR Replace Control & Battery Cable, Zone 20 SGR Replace Control Cable, Zone 25 SGR Replace Transformer, Broad Channel Substation SGR Element Total: 02 POWER DISTRIBUTION Circuit Breaker Houses: Various Locations SGR Rehabilitation of 11 CBHs and 1 Enclosure DES Rebuild Ducts: Central Substation SGR Rehabilitation of SGR Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK SGR Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK SGR Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK SGR Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK SGR Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK SGR Rehabilitation of 5 CBHs: Various Locs SGR	0.0	.0 9	6 0.0	0.0	0.0	0.0	9.6
Replace Transformer and Associated Equip. (1 loc) Replace Transformers and Associated Equip., 2 Subs Replace DC Lineup at Jamaica Yard Substation Replace High Tension Switchgear at 5 Substations Replace High Tension Switchgear at 1 Substation Replace High Tension Switchgear at 1 Substation SGR Substation Renewal: 13 St / CUL SGR Substation Renewal: 82 Rd / QBL SGR Replace High Tension Switchgear at 1 Location SGR Replace High Tension Switchgear at 1 Location SGR Replace High Tension Switchgear at 1 Location SGR Substation Renewal: 82 Rd / QBL SGR Replace High Tension Switchgear at 1 Location SGR Village Substation Renewal / 6AV SGR Village Substation Renewal / 6AV Rehab Substation Renewal 6AV Rehab Substation Renewal 6AV Rehab Substation Roof & Enclosure - B'way/W 143 St Rehab Substation Roof & Enclosure - 2 Locations Replace Control & Battery Cable, Zone 20 SGR Replace Control & Battery Cable, Zone 20 SGR Replace Control & Battery Cable, Zone 20 SGR Replace Control Cable, Zone 25 SGR Replace Transformer, Broad Channel Substation SGR Element Total 02 POWER DISTRIBUTION Circuit Breaker Houses: Various Locations SGR Replace Transformer, Broad Channel Substation SGR Repailitation of 11 CBHs and 1 Enclosure DES Rebuild Ducts: Central Substation SGR Rebabilitation of 11 CBHs and 1 Enclosure DES Rebuild Ducts: Central Substation SGR Rebabilitation of SGR Rehab 4 CBH Enclosures: CBH 301 Pennsylvania Av / EPK SGR Rehab CBH Enclosures: CBH 301 Pennsylvania Av / EPK SGR Rehab CBH Enclosures: CBH 301 Pennsylvania Av / EPK SGR Rehabilitation of 5 CBHs: Various Locs SGR	0.0	.0 1	4 0.0	0.0	0.0	0.0	1.4
Replace Transformers and Associated Equip., 2 Subs Replace DC Lineup at Jamaica Yard Substation Replace High Tension Switchgear at 5 Substations Replace High Tension Switchgear at 1 Substation SGR Replace High Tension Switchgear at 1 Substation SGR Substation Renewal: 13 St / CUL SGR Substation Renewal: 82 Rd / QBL SGR Replace High Tension Switchgear at 1 Location SGR Substation Renewal: 82 Rd / QBL SGR Replace High Tension Switchgear at 1 Location SGR Substation Roofs & Enclosures: 3 Locs Qns Hester St Substation Renewal / 6AV SGR Village Substation Renewal 6AV Rehab Substation Roofs & Enclosure - B'way/W 143 St SGR Rehab Substation Roofs & Enclosure - B'way/W 143 St SGR Rehab Substation Roofs & Enclosure - 2 Locations SGR Repair Components 62 Rd Substation QBL SGR Repair Components 62 Rd Substation QBL SGR Replace Control & Battery Cable, Zone 20 SGR Washington Heights Substation Renewal / 8AV SGR Concourse Yard Substation Renewal BXC SGR Concourse Yard Substation Renewal BXC SGR Replace Control Cable, Zone 25 SGR Replace Transformer, Broad Channel Substation SGR Element Total 02 4 POWER DISTRIBUTION Circuit Breaker Houses: Various Locations SGR Rebabilitation of 11 CBHs and 1 Enclosure DES SGR Rebabilitation of 11 CBHs and 1 Enclosure DES SGR Rebabilitation Of 11 CBHs and 1 Enclosure DES SGR Rebabilitation Of 11 CBHs and 1 Pennsylvania Av / EPK SGR Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK SGR Rehab CBH Enclosures at CIY SGR Installation of Second Negative Rail / Dyre Rehabilitation of 5 CBHs: Various Locs SGR	0.0	.0 0	0 68.9	0.9	0.1	1.2	71.2
Replace DC Lineup at Jamaica Yard Substation Replace High Tension Switchgear at 5 Substations Replace High Tension Switchgear at 1 Substation SGR Replace High Tension Switchgear at 1 Substation SGR Substation Renewal: 13 St / CUL SGR Substation Renewal: 82 Rd / QBL SGR Replace High Tension Switchgear at 1 Location SGR Replace High Tension Switchgear at 1 Location SGR SGR Seplace High Tension Switchgear at 1 Location SGR SGR Hester St Substation Renewal / 6AV SGR Village Substation Renewal / 6AV Rehab Substation Renewal 6AV Rehab Substation Roofs & Enclosure - B'way/W 143 St Rehab Substation Roofs & Enclosure - 2 Locations SGR Rehab Substation Roofs & Enclosure - 2 Locations SGR Repair Components 62 Rd Substation QBL SGR Replace Control & Battery Cable, Zone 20 SGR Washington Heights Substation Renewal / 8AV SGR Concourse Yard Substation Renewal BXC SGR Concourse Yard Substation Renewal BXC SGR Replace Control Cable, Zone 25 SGR Replace Transformer, Broad Channel Substation SGR Element Total 02 POWER DISTRIBUTION Circuit Breaker Houses: Various Locations SGR Replace Control Cables: Various Locations SGR Rehabilitation of 11 CBHs and 1 Enclosure DES SGR Rebabilitation of 11 CBHs and 1 Enclosure DES SGR Rebabilitation Design SGR Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK SGR Rehab CBH Enclosures at CIY SGR Rehab CBH Enclosures at CIY SGR Rehabilitation of 5 CBHs: Various Locs SGR Emergency Alarm Rollout Phase 1 SGR	0.0	.0 0	0 6.8	0.0	0.0	0.2	7.0
9 Replace High Tension Switchgear at 5 Substations 0 Replace High Tension Switchgear at 1 Substation 1 Substation Renewal: 13 St / CUL 2 Substation Renewal: 82 Rd / QBL 3 Replace High Tension Switchgear at 1 Location 3 Replace High Tension Switchgear at 1 Location 4 Substation Roofs & Enclosures: 3 Locs Qns 5 Hester St Substation Renewal / 6AV 6 Village Substation Renewal 6AV 7 Rehab Substation Roof & Enclosure - B'way/W 143 St 8 Rehab Substation Roofs & Enclosures - 2 Locations 9 HT Switchgear Replacement 2 Locations 9 Repair Components 62 Rd Substation QBL 1 Replace Control & Battery Cable, Zone 20 2 Washington Heights Substation Renewal / 8AV 3 Concourse Yard Substation Renewal BXC 4 Replace Control Cable, Zone 25 5 Replace Transformer, Broad Channel Substation 5 GR 6 POWER DISTRIBUTION 1 Circuit Breaker Houses: Various Locations 5 GR 6 Upgrade SCADA BMT 7 Power Distribution Design 8 Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK 9 Rehabilitation of 5 CBHs: Various Locs 9 SGR 1 Rehabilitation of 5 CBHs: Various Locs 9 SGR 1 Rehabilitation of 5 CBHs: Various Locs 9 SGR 1 Rehabilitation of 5 CBHs: Various Locs 9 SGR 9 Rehab 4 CBH Enclosures at CIY 1 Rehabilitation of 5 CBHs: Various Locs 9 SGR 1 Rehabilitation of 5 CBHs: Various Locs 9 SGR 1 Rehabilitation of 5 CBHs: Various Locs 9 SGR	0.0	.0 0	0.0	23.0	0.1	0.1	23.1
0 Replace High Tension Switchgear at 1 Substation SGR 1 Substation Renewal: 13 St / CUL SGR 2 Substation Renewal: 82 Rd / QBL SGR 3 Replace High Tension Switchgear at 1 Location SGR 4 Substation Roofs & Enclosures: 3 Locs Qns SGR 5 Hester St Substation Renewal / 6AV SGR 6 Village Substation Renewal 6AV SGR 7 Rehab Substation Roofs & Enclosure - B'way/W 143 St SGR 8 Rehab Substation Roofs & Enclosure - B'way/W 143 St SGR 8 Rehab Substation Roofs & Enclosures - 2 Locations SGR 9 HT Switchgear Replacement 2 Locations SGR 0 Repair Components 62 Rd Substation QBL SGR 1 Replace Control & Battery Cable, Zone 20 SGR 2 Washington Heights Substation Renewal / 8AV SGR 3 Concourse Yard Substation Renewal BXC SGR 4 Replace Control Cable, Zone 25 SGR 5 Replace Transformer, Broad Channel Substation SGR Element Total 02 4 POWER DISTRIBUTION 1 Circuit Breaker Houses: Various Locations SGR 3 Miscellaneous Power Investments VAR 4 Rehabilitation of 11 CBHs and 1 Enclosure DES SGR 5 Rebuild Ducts: Central Substation SGR 6 Upgrade SCADA BMT SGR 7 Power Distribution Design SGR 8 Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK SGR 9 Rehab 4 CBH Enclosures at CIY SGR 1 Rehabilitation of 5 CBHs: Various Locs SGR 2 Emergency Alarm Rollout Phase 1 SGR	0.0	.0 0	0.0	12.8	0.2	0.0	12.9
1 Substation Renewal: 13 St / CUL SGR 2 Substation Renewal: 82 Rd / QBL SGR 3 Replace High Tension Switchgear at 1 Location SGR 4 Substation Roofs & Enclosures: 3 Locs Qns SGR 5 Hester St Substation Renewal / 6AV SGR 6 Village Substation Renewal 6AV SGR 7 Rehab Substation Roofs & Enclosure - B'way/W 143 St SGR 8 Rehab Substation Roofs & Enclosures - 2 Locations SGR 9 HT Switchgear Replacement 2 Locations SGR 10 Repair Components 62 Rd Substation QBL SGR 11 Replace Control & Battery Cable, Zone 20 SGR 12 Washington Heights Substation Renewal / 8AV SGR 13 Concourse Yard Substation Renewal / 8AV SGR 14 Replace Control Cable, Zone 25 SGR 15 Replace Transformer, Broad Channel Substation SGR 16 POWER DISTRIBUTION SGR 17 Circuit Breaker Houses: Various Locations SGR 18 Rehabilitation of 11 CBHs and 1 Enclosure DES SGR 19 Rebaild Ducts: Central Substation SGR 10 Upgrade SCADA BMT SGR 10 Rehabilitation of Second Negative Rail / Dyre NR 11 Rehabilitation of 5 CBHs: Various Locs 12 SGR 13 Replace Transformer Rollout Phase 1 SGR 14 Rehabilitation of 5 CBHs: Various Locs 15 SGR 16 SGR 17 Power Distribution Design SGR 18 Rehab CBH Enclosures at CIY SGR 19 Rehab 4 CBH Enclosures SGR	0.0	.0 0	0.0	25.5	0.3	0.1	25.8
2 Substation Renewal: 82 Rd / QBL 3 Replace High Tension Switchgear at 1 Location 4 Substation Roofs & Enclosures: 3 Locs Qns 5 Hester St Substation Renewal / 6AV 6 Village Substation Renewal 6AV 7 Rehab Substation Roof & Enclosure - B'way/W 143 St 8 Rehab Substation Roofs & Enclosure - B'way/W 143 St 8 Rehab Substation Roofs & Enclosures - 2 Locations 9 HT Switchgear Replacement 2 Locations 9 Repair Components 62 Rd Substation QBL 1 Replace Control & Battery Cable, Zone 20 2 Washington Heights Substation Renewal / 8AV 3 Concourse Yard Substation Renewal BXC 4 Replace Control Cable, Zone 25 5 Replace Transformer, Broad Channel Substation 5 GR 6 POWER DISTRIBUTION 1 Circuit Breaker Houses: Various Locations 2 Traction Power Cables: Various Locations 3 Miscellaneous Power Investments 4 Rehabilitation of 11 CBHs and 1 Enclosure DES 5 Rebuild Ducts: Central Substation 6 Upgrade SCADA BMT 7 Power Distribution Design 8 Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK 9 Rehab 4 CBH Enclosures at CIY 0 Installation of 5 CBHs: Various Locs 2 Emergency Alarm Rollout Phase 1 5 SGR	0.0	.0 0	0.0	3.8	0.0	0.0	3.8
Replace High Tension Switchgear at 1 Location SGR Substation Roofs & Enclosures: 3 Locs Qns Hester St Substation Renewal / 6AV Wilage Substation Renewal 6AV Rehab Substation Roofs & Enclosure - B'way/W 143 St Rehab Substation Roofs & Enclosure - B'way/W 143 St Rehab Substation Roofs & Enclosures - 2 Locations Replace Control & Battery Cable, Zone 20 SGR Replace Control & Battery Cable, Zone 20 Washington Heights Substation Renewal / 8AV SGR Concourse Yard Substation Renewal BXC Replace Control Cable, Zone 25 Replace Transformer, Broad Channel Substation SGR Element Total 02 POWER DISTRIBUTION Circuit Breaker Houses: Various Locations Traction Power Cables: Various Locations Kar Rehabilitation of 11 CBHs and 1 Enclosure DES Rebuild Ducts: Central Substation SGR Upgrade SCADA BMT SGR Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK Rehabilitation of Second Negative Rail / Dyre Installation of Second Negative Rail / Dyre Rehabilitation of 5 CBHs: Various Locs SGR Emergency Alarm Rollout Phase 1 SGR	0.0	.0 0	0.0	25.6	0.0	3.4	29.0
4 Substation Roofs & Enclosures: 3 Locs Qns 5 Hester St Substation Renewal / 6AV 6 Village Substation Renewal 6AV 7 Rehab Substation Roof & Enclosure - B'way/W 143 St 8 Rehab Substation Roofs & Enclosures - 2 Locations 9 HT Switchgear Replacement 2 Locations 9 HT Switchgear Replacement 2 Locations 9 Repair Components 62 Rd Substation QBL 1 Replace Control & Battery Cable, Zone 20 2 Washington Heights Substation Renewal / 8AV 3 Concourse Yard Substation Renewal BXC 4 Replace Control Cable, Zone 25 5 Replace Transformer, Broad Channel Substation 5 SGR 6 POWER DISTRIBUTION 1 Circuit Breaker Houses: Various Locations 7 Traction Power Cables: Various Locations 9 SGR 1 Rehabilitation of 11 CBHs and 1 Enclosure DES 1 Rebuild Ducts: Central Substation 1 SGR 1 Rehabilitation of SGR 1 Rehab CBH Enclosures at CIY 1 SGR 1 Rehabilitation of 5 CBHs: Various Locs 2 Emergency Alarm Rollout Phase 1	0.0	.0 0	0.0	25.9	0.0	0.2	26.2
Hester St Substation Renewal / 6AV SGR Village Substation Renewal 6AV SGR Rehab Substation Roof & Enclosure - B'way/W 143 St SGR Rehab Substation Roofs & Enclosures - 2 Locations SGR Rehab Substation Roofs & Enclosures - 2 Locations SGR Rehab Substation Roofs & Enclosures - 2 Locations SGR Rehab Substation Roofs & Enclosures - 2 Locations SGR Repair Components 62 Rd Substation QBL SGR Replace Control & Battery Cable, Zone 20 SGR Washington Heights Substation Renewal / 8AV SGR Concourse Yard Substation Renewal BXC SGR Replace Control Cable, Zone 25 SGR Replace Transformer, Broad Channel Substation SGR Element Total 02 4 POWER DISTRIBUTION Circuit Breaker Houses: Various Locations SGR Miscellaneous Power Investments VAR Rehabilitation of 11 CBHs and 1 Enclosure DES SGR Rebuild Ducts: Central Substation SGR Upgrade SCADA BMT SGR Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK SGR Rehab CBH Enclosures at CIY SGR Installation of Second Negative Rail / Dyre NR Rehabilitation of 5 CBHs: Various Locs SGR Emergency Alarm Rollout Phase 1 SGR	0.0	.0 0	0.0	8.2	0.0	1.2	9.4
6 Village Substation Renewal 6AV 7 Rehab Substation Roof & Enclosure - B'way/W 143 St 8 Rehab Substation Roofs & Enclosures - 2 Locations 8 Rehab Substation Roofs & Enclosures - 2 Locations 9 HT Switchgear Replacement 2 Locations 9 Repair Components 62 Rd Substation QBL 1 Replace Control & Battery Cable, Zone 20 2 Washington Heights Substation Renewal / 8AV 3 Concourse Yard Substation Renewal BXC 4 Replace Control Cable, Zone 25 5 Replace Transformer, Broad Channel Substation 5 Replace Transformer, Broad Channel Substation 6 VAR 7 Traction Power Cables: Various Locations 7 Miscellaneous Power Investments 9 War Rehabilitation of 11 CBHs and 1 Enclosure DES 9 Rebuild Ducts: Central Substation 9 GR 9 Rebab CBH Enclosure: CBH 301 Pennsylvania Av / EPK 9 Rehab 4 CBH Enclosures at CIY 1 Rehabilitation of 5 CBHs: Various Locs 2 Emergency Alarm Rollout Phase 1 9 SGR	0.0	.0 0	0.0	0.0	19.5	0.6	20.1
Rehab Substation Roof & Enclosure - B'way/W 143 St Rehab Substation Roofs & Enclosures - 2 Locations Rehab Substation Roofs & Enclosures - 2 Locations Rehab Substation Roofs & Enclosures - 2 Locations Repair Components 62 Rd Substation QBL Replace Control & Battery Cable, Zone 20 Repair Components 62 Rd Substation QBL Replace Control & Battery Cable, Zone 20 Replace Control & Battery Cable, Zone 20 Replace Control Cable, Zone 25 Replace Control Cable, Zone 25 Replace Transformer, Broad Channel Substation Rement Total 02 4 POWER DISTRIBUTION Circuit Breaker Houses: Various Locations Rehabilitation of 11 CBHs and 1 Enclosure DES Rebuild Ducts: Central Substation Rehabilitation Design Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK Rehab 4 CBH Enclosures at CIY Rehabilitation of 5 CBHs: Various Locs Rehab CBHs Rehabilitation of 5 CBHs: Various Locs Remain Rehabilitation of 5 CBHs: Various Locs Remain	0.0	.0 0	0.0	0.0	46.2	1.4	47.5
Rehab Substation Roofs & Enclosures - 2 Locations HT Switchgear Replacement 2 Locations Repair Components 62 Rd Substation QBL Replace Control & Battery Cable, Zone 20 Washington Heights Substation Renewal / 8AV Concourse Yard Substation Renewal BXC Replace Control Cable, Zone 25 Replace Transformer, Broad Channel Substation Renewal BXC Replace Transformer, Broad Channel Substation Relement Total 02 4 POWER DISTRIBUTION Circuit Breaker Houses: Various Locations Relement Total 02 5 Replace Transformer Cables: Various Locations Rehabilitation of 11 CBHs and 1 Enclosure DES Rehabilitation of 11 CBHs and 1 Enclosure DES Rebuild Ducts: Central Substation Rehabilitation Design Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK Rehab 4 CBH Enclosures at CIY Rehabilitation of Second Negative Rail / Dyre Rehabilitation of 5 CBHs: Various Locs Remerence Alarm Rollout Phase 1 Replace Control SGR Rehab CBH Enclosures SGR Rehab CBHs: Various Locs Replace Control SGR Rehabilitation of 5 CBHs: Various Locs Replace Control SGR Rehabilitation Pennsylvania Av / EPK Rehabilitation of 5 CBHs: Various Locs Replace Control SGR Replace Control SGR Replace Control SGR Replace Control SGR Replace Control Replace Alarm Rollout Phase 1	0.0	.0 0	0.0	0.0	35.1	0.9	36.0
9 HT Switchgear Replacement 2 Locations 0 Repair Components 62 Rd Substation QBL 1 Replace Control & Battery Cable, Zone 20 2 Washington Heights Substation Renewal / 8AV 3 Concourse Yard Substation Renewal BXC 4 Replace Control Cable, Zone 25 5 Replace Transformer, Broad Channel Substation 5 Replace Transformer, Broad Channel Substation 6 POWER DISTRIBUTION 1 Circuit Breaker Houses: Various Locations 2 Traction Power Cables: Various Locations 3 Miscellaneous Power Investments 4 Rehabilitation of 11 CBHs and 1 Enclosure DES 5 Rebuild Ducts: Central Substation 6 Upgrade SCADA BMT 7 Power Distribution Design 8 Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK 9 Rehab 4 CBH Enclosures at CIY 10 Installation of 5 CBHs: Various Locs 11 SGR 12 Emergency Alarm Rollout Phase 1 1 SGR 1 SGR 2 Emergency Alarm Rollout Phase 1	0.0	.0 0	0.0	0.0	5.7	0.6	6.3
Repair Components 62 Rd Substation QBL Replace Control & Battery Cable, Zone 20 SGR Washington Heights Substation Renewal / 8AV Concourse Yard Substation Renewal BXC Replace Control Cable, Zone 25 Replace Transformer, Broad Channel Substation Flement Total 02 POWER DISTRIBUTION Circuit Breaker Houses: Various Locations Traction Power Cables: Various Locations SGR Rehabilitation of 11 CBHs and 1 Enclosure DES Rebuild Ducts: Central Substation SGR Power Distribution Design Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK Rehabilitation of 5 CBHs: Various Locs SGR SGR Rehabilitation of 5 CBHs: Various Locs SGR	0.0	.0 0	0.0	0.0	5.3	0.6	5.9
Replace Control & Battery Cable, Zone 20 Washington Heights Substation Renewal / 8AV Concourse Yard Substation Renewal BXC Replace Control Cable, Zone 25 Replace Transformer, Broad Channel Substation Flement Total 02 POWER DISTRIBUTION Circuit Breaker Houses: Various Locations Traction Power Cables: Various Locations Miscellaneous Power Investments Rehabilitation of 11 CBHs and 1 Enclosure DES Rebuild Ducts: Central Substation GR Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK Rehabilitation of Second Negative Rail / Dyre Rehabilitation of 5 CBHs: Various Locs Emergency Alarm Rollout Phase 1	0.0	.0 0	0.0	0.0	19.4	2.2	21.6
1 Replace Control & Battery Cable, Zone 20 2 Washington Heights Substation Renewal / 8AV 3 Concourse Yard Substation Renewal BXC 4 Replace Control Cable, Zone 25 5 Replace Transformer, Broad Channel Substation 5 Replace Transformer, Broad Channel Substation 6 POWER DISTRIBUTION 7 Circuit Breaker Houses: Various Locations 8 Miscellaneous Power Investments 9 Miscellaneous Power Investments 9 Rehabilitation of 11 CBHs and 1 Enclosure DES 9 Rebuild Ducts: Central Substation 9 GR 9 Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK 9 Rehab 4 CBH Enclosures at CIY 9 Installation of 5 CBHs: Various Locs 9 SGR 1 Rehabilitation of 5 CBHs: Various Locs 9 SGR 1 Rehabilitation of 5 CBHs: Various Locs 9 SGR 1 Rehabilitation of 5 CBHs: Various Locs 9 SGR 1 Rehabilitation of 5 CBHs: Various Locs 9 SGR 1 Rehabilitation of 5 CBHs: Various Locs 9 SGR 1 Emergency Alarm Rollout Phase 1	0.0	.0 0	0 0.0	0.0	3.6	0.5	4.1
2 Washington Heights Substation Renewal / 8AV SGR 3 Concourse Yard Substation Renewal BXC SGR 4 Replace Control Cable, Zone 25 SGR 5 Replace Transformer, Broad Channel Substation SGR Element Total 02 4 POWER DISTRIBUTION 1 Circuit Breaker Houses: Various Locations SGR 2 Traction Power Cables: Various Locations SGR 3 Miscellaneous Power Investments VAR 4 Rehabilitation of 11 CBHs and 1 Enclosure DES SGR 5 Rebuild Ducts: Central Substation SGR 6 Upgrade SCADA BMT SGR 7 Power Distribution Design SGR 8 Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK SGR 9 Rehab 4 CBH Enclosures at CIY SGR 10 Installation of Second Negative Rail / Dyre NR 1 Rehabilitation of 5 CBHs: Various Locs SGR 2 Emergency Alarm Rollout Phase 1 SGR	0.0	.0 0	0 0.0	0.0	7.3	2.1	9.4
3 Concourse Yard Substation Renewal BXC 4 Replace Control Cable, Zone 25 5 Replace Transformer, Broad Channel Substation Element Total 02 4 POWER DISTRIBUTION 1 Circuit Breaker Houses: Various Locations 2 Traction Power Cables: Various Locations 3 Miscellaneous Power Investments 4 Rehabilitation of 11 CBHs and 1 Enclosure DES 5 Rebuild Ducts: Central Substation 6 Upgrade SCADA BMT 7 Power Distribution Design 8 Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK 9 Rehab 4 CBH Enclosures at CIY 0 Installation of 5 CBHs: Various Locs 2 Emergency Alarm Rollout Phase 1 SGR	0.0	.0 0	0 0.0	0.0	63.0	8.1	71.1
Element Total 02 4 POWER DISTRIBUTION 1 Circuit Breaker Houses: Various Locations VAR 2 Traction Power Cables: Various Locations SGR 3 Miscellaneous Power Investments VAR 4 Rehabilitation of 11 CBHs and 1 Enclosure DES SGR 5 Rebuild Ducts: Central Substation SGR 6 Upgrade SCADA BMT SGR 7 Power Distribution Design SGR 8 Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK SGR 9 Rehab 4 CBH Enclosures at CIY SGR 10 Installation of 5 CBHs: Various Locs SGR 12 Emergency Alarm Rollout Phase 1 SGR	0.0		0 0.0		60.3	5.4	65.8
Element Total 02 4 POWER DISTRIBUTION 1 Circuit Breaker Houses: Various Locations VAR 2 Traction Power Cables: Various Locations SGR 3 Miscellaneous Power Investments VAR 4 Rehabilitation of 11 CBHs and 1 Enclosure DES SGR 5 Rebuild Ducts: Central Substation SGR 6 Upgrade SCADA BMT SGR 7 Power Distribution Design SGR 8 Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK SGR 9 Rehab 4 CBH Enclosures at CIY SGR 1 Installation of 5 CBHs: Various Locs SGR 2 Emergency Alarm Rollout Phase 1 SGR	0.0	.0 0	0 0.0	0.0	4.8	0.4	5.2
Element Total 02 4 POWER DISTRIBUTION 1 Circuit Breaker Houses: Various Locations VAR 2 Traction Power Cables: Various Locations SGR 3 Miscellaneous Power Investments VAR 4 Rehabilitation of 11 CBHs and 1 Enclosure DES SGR 5 Rebuild Ducts: Central Substation SGR 6 Upgrade SCADA BMT SGR 7 Power Distribution Design SGR 8 Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK SGR 9 Rehab 4 CBH Enclosures at CIY SGR 10 Installation of Second Negative Rail / Dyre NR 1 Rehabilitation of 5 CBHs: Various Locs SGR 2 Emergency Alarm Rollout Phase 1 SGR	0.0		0 0.0		1.5	0.2	1.7
Circuit Breaker Houses: Various Locations Traction Power Cables: Various Locations Miscellaneous Power Investments Rehabilitation of 11 CBHs and 1 Enclosure DES Rebuild Ducts: Central Substation Upgrade SCADA BMT Power Distribution Design Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK Rehab 4 CBH Enclosures at CIY Installation of Second Negative Rail / Dyre Rehabilitation of 5 CBHs: Various Locs Emergency Alarm Rollout Phase 1	\$7.8	.8 \$32	7 \$132.0	\$139.8	\$278.7	\$424.1	\$1,015.2
1 Circuit Breaker Houses: Various Locations VAR 2 Traction Power Cables: Various Locations SGR 3 Miscellaneous Power Investments VAR 4 Rehabilitation of 11 CBHs and 1 Enclosure DES SGR 5 Rebuild Ducts: Central Substation SGR 6 Upgrade SCADA BMT SGR 7 Power Distribution Design SGR 8 Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK SGR 9 Rehab 4 CBH Enclosures at CIY SGR 10 Installation of Second Negative Rail / Dyre NR 1 Rehabilitation of 5 CBHs: Various Locs SGR 2 Emergency Alarm Rollout Phase 1 SGR							
Traction Power Cables: Various Locations Miscellaneous Power Investments Rehabilitation of 11 CBHs and 1 Enclosure DES Rebuild Ducts: Central Substation Upgrade SCADA BMT Power Distribution Design Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK Rehab 4 CBH Enclosures at CIY Rehabilitation of Second Negative Rail / Dyre Rehabilitation of 5 CBHs: Various Locs Emergency Alarm Rollout Phase 1 SGR	0.0	0 0	0.0	0.0	0.0	68.0	68.0
Miscellaneous Power Investments VAR Rehabilitation of 11 CBHs and 1 Enclosure DES Rebuild Ducts: Central Substation Upgrade SCADA BMT SGR Power Distribution Design Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK Rehab 4 CBH Enclosures at CIY SGR Installation of Second Negative Rail / Dyre Rehabilitation of 5 CBHs: Various Locs Emergency Alarm Rollout Phase 1 SGR	0.0		0.0		0.0	7.9	7.9
Rehabilitation of 11 CBHs and 1 Enclosure DES Rebuild Ducts: Central Substation GR Dygrade SCADA BMT Rehabilitation Design Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK Rehab 4 CBH Enclosures at CIY Installation of Second Negative Rail / Dyre Rehabilitation of 5 CBHs: Various Locs Emergency Alarm Rollout Phase 1 SGR	0.0				0.0	103.5	103.5
5 Rebuild Ducts: Central Substation SGR 6 Upgrade SCADA BMT SGR 7 Power Distribution Design SGR 8 Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK SGR 9 Rehab 4 CBH Enclosures at CIY SGR 0 Installation of Second Negative Rail / Dyre NR 1 Rehabilitation of 5 CBHs: Various Locs SGR 2 Emergency Alarm Rollout Phase 1 SGR	2.3				0.0	0.0	2.4
6 Upgrade SCADA BMT 7 Power Distribution Design 8 Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK 9 Rehab 4 CBH Enclosures at CIY	0.0				0.0	0.0	7.9
7 Power Distribution Design SGR 8 Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK SGR 9 Rehab 4 CBH Enclosures at CIY SGR 0 Installation of Second Negative Rail / Dyre NR 1 Rehabilitation of 5 CBHs: Various Locs SGR 2 Emergency Alarm Rollout Phase 1 SGR	0.0		0.0		0.0	0.0	50.8
Rehab CBH Enclosure: CBH 301 Pennsylvania Av / EPK SGR Rehab 4 CBH Enclosures at CIY SGR Installation of Second Negative Rail / Dyre NR Rehabilitation of 5 CBHs: Various Locs SGR Emergency Alarm Rollout Phase 1 SGR	0.0				3.5	5.4	19.4
9 Rehab 4 CBH Enclosures at CIY	0.0				0.0	0.0	1.8
0 Installation of Second Negative Rail / Dyre NR 1 Rehabilitation of 5 CBHs: Various Locs SGR 2 Emergency Alarm Rollout Phase 1 SGR	0.0		6 0.0		0.0	0.0	5.6
1 Rehabilitation of 5 CBHs: Various Locs SGR 2 Emergency Alarm Rollout Phase 1 SGR							
2 Emergency Alarm Rollout Phase 1 SGR	0.0				0.0	0.2	23.1 58.3
~ · · · · · · · · · · · · · · · · · · ·	0.0		0 52.6		0.8	0.0	
A Dobabilitation of 1 CDU at Canadauraa Vard	0.0				1.0	16.7	127.1
4 Rehabilitation of 1 CBH at Concourse Yard SGR Element Total 04	0.0 \$2.3		0 0.0 3 \$127.7		5.4 \$10.8	0.5 \$202.4	5.9 \$481.8
	\$2.3 \$10.1				\$289.5	\$626.5	\$1,497.0

SHOPS & YARDS T - 810

	MENT CRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
04	SHOPS & YARDS								
01	Shop Component Repairs: Various Locations	VAR	0.0	0.0	0.0	0.0	0.0	195.5	195.5
05	Yard Fencing/Lighting/Misc. Investments	VAR	0.0	8.0	0.0	0.0	0.0	11.4	12.2
06	Yard Track - 2020	SGR	2.3	0.0	0.0	0.0	0.0	0.0	2.3
)7	Yard Switches - 2020	SGR	2.8	0.0	0.0	0.0	0.0	0.0	2.8
8(Non-Revenue Track Replacement - Times Square	SGR	1.5	0.0	0.0	0.0	0.0	0.0	1.5
9	Shop Components Design	SGR	0.0	1.2	1.6	20.0	3.8	3.1	29.6
0	Yard Track & Switch Design	SGR	0.0	0.0	0.0	0.1	0.1	0.0	0.2
1	Yard Track - 2021	SGR	0.0	4.4	0.0	0.0	0.0	0.0	4.4
2	Livonia Maintenance Shop Phase I	SGR	0.0	21.5	0.4	0.0	0.0	0.0	22.0
3	Small Business Mentoring Program - Shops & Yards	SGR	0.0	1.9	0.6	0.0	0.0	0.0	2.5
4	Yard Track - 2022 Design	SGR	0.0	0.0	0.0	0.0	0.0	0.0	0.0*
5	Yard Track - 2022	SGR	0.0	0.0	2.8	0.0	0.0	0.0	2.8
7	207th St OH Facility	SGR	0.0	2.2	35.6	1.0	0.0	0.4	39.1
8	Yard Lighting: Fresh Pond Yard	SGR	1.6	0.0	0.0	9.9	0.0	0.5	12.1
9	Jamaica Yard Expansion Ph 1 - Design	SI	0.0	0.0	8.0	3.4	0.0	0.0	4.2
0	Yard Track - 2023	SGR	0.0	0.0	0.0	0.0	4.4	0.0	4.4
1	Yard Switches - 2023	SGR	0.0	0.0	0.0	5.5	0.0	0.0	5.5
3	Westchester Yard Drainage Improvements	SI	0.0	0.0	0.0	0.0	11.2	150.0	161.2
4	Yard Fencing: Fresh Pond Yard	SGR	0.0	0.0	0.0	12.1	0.1	0.2	12.4
5	Coney Island Overhaul Shop Roof	SGR	0.0	0.0	0.0	0.0	71.1	2.2	73.4
6	Yard Track - 2024	SGR	0.0	0.0	0.0	0.0	2.8	0.0	2.8
27	Yard Switches - 2024	SGR	0.0	0.0	0.0	0.0	3.9	0.0	3.9
28	Heavy Shop Equipment at Various Locations	NR	0.0	0.0	0.0	0.0	11.2	0.0	11.2
9	Other Yard Designs	SGR	0.0	0.0	0.0	0.0	0.4	0.2	0.6
0	Improvements to New Cable Shop (2016 Pitkin Ave)	NR	0.0	0.0	0.0	0.0	23.1	0.0	23.1
31	DOS Facility Heating and Energy Efficiency Boilers	SI	0.0	0.0	0.0	0.0	31.7	0.0	31.7
	Element Total 04		\$8.3	\$32.0	\$41.8	\$52.0	\$163.8	\$363.5	\$661.4
	Category Total 810		\$8.3	\$32.0	\$41.8	\$52.0	\$163.8	\$363.5	\$661.4

^{*} Represents values less than \$50,000

ELEMENT DESCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
03 DEPOT REHAB & RECONSTRUCTION								
01 Depot Component Repairs: Various Locations	VAR	0.0	0.0	0.0	0.0	0.0	149.7	149.7
03 Jamaica Depot Reconstruction	NR	4.9	0.0	536.2	12.3	13.5	29.9	596.9
04 Roof Topping & Expansion Joints Replacement at MJQ	NR	0.0	0.0	11.6	8.0	0.4	0.1	12.9
05 Roof Topping & Expnsn Joint Rplcmnt at Kingsbridge	NR	0.0	4.8	0.3	0.0	0.0	0.0	5.1
06 Zero Emission Fleet Transformation Study	SI	0.0	0.0	6.9	0.0	0.0	13.5	20.5
07 Bus Parking Lot at York College	SI	0.0	0.0	22.5	0.0	0.1	4.4	27.0
08 Depot Component Repairs: Design	VAR	0.0	0.0	0.5	12.1	2.3	6.2	21.1
13 East New York Depot Window and Facade	SGR	0.0	0.0	0.0	0.0	1.1	0.0	1.1
Element Total 03		\$4.9	\$4.8	\$578.1	\$25.2	\$17.3	\$203.8	\$834.2
04 DEPOT IMPROVEMENTS 02 Miscellaneous Depot Investments	NR	0.0	0.0	0.0	0.0	0.0	24.9	24.9
02 Miscellaneous Depot Investments	NR	0.0	0.0	0.0	0.0	0.0	24.9	24.9
03 Depot Improvements Design	NR	0.0	8.0	0.9	0.0	0.0	0.0	1.8
O4 Chassis Wash Repl at Ulmer Park Bus Depot [SBMP]	SGR	0.0	2.1	0.1	0.2	0.0	0.0	2.3
05 Phase 2A (300 Buses) - ABLE	SI	0.0	0.0	5.3	1.3	0.0	0.0	6.6
06 Automated Fuel Management System: 15 Depots	NR	0.0	0.0	6.7	0.0	0.0	0.0	6.7
07 Portable Bus Lift / Equipment Replacement	NR	0.0	0.0	0.0	4.7	0.0	0.0	4.7
08 Eltingville Park & Ride Expansion	SI	0.0	0.0	3.1	0.0	0.0	0.0	3.1
09 Chassis Wash Repl at Tuskegee Bus Depot [SBMP]	SGR	0.0	0.0	0.7	0.3	0.0	0.0	1.0
10 Bus Radio	NR	0.0	0.0	11.0	4.4	7.8	0.0	23.2
12 Phase 2B (671 Buses) - ACE	SI	0.0	0.0	0.0	13.3	0.0	0.0	13.3
13 Phase 3 (1,000 Buses) - ACE	SI	0.0	0.0	0.0	0.0	18.2	0.0	18.2
14 Phase 4 (1,000 Buses) - ACE	SI	0.0	0.0	0.0	0.0	22.4	0.0	22.4
Element Total 04		\$0.0	\$2.9	\$27.8	\$24.2	\$48.5	\$24.9	\$128.3
Category Total 812		\$4.9	\$7.7	\$605.9	\$49.5	\$65.8	\$228.7	\$962.5

^{*} Represents values less than \$50,000

SERVICE VEHICLES T - 813

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
02	SERVICE VEHICLES								
01	Purchase Rubber Tire Vehicles	NR	0.0	0.0	0.0	6.2	0.0	19.2	25.4
02	Purchase Various Work Train Cars	VAR	0.0	0.0	0.0	0.0	0.0	46.6	46.6
03	Service Vehicles DES	VAR	1.0	1.1	0.0	0.1	0.0	0.0	2.2
04	Purchase 27 Flat Cars	NR	23.0	0.0	0.0	0.0	0.0	0.0	23.0
05	Critical Systems Upgrade of Track Geometry Cars	SGR	0.0	0.0	0.0	10.0	0.0	0.0	10.0
06	Purchase 45 Flat Cars	SI	0.0	0.0	41.6	0.0	0.0	0.0	41.6
80	Non-Revenue Vehicles 2023	NR	0.0	0.0	0.0	2.5	14.6	0.0	17.1
	Element Total 02		\$24.0	\$1.1	\$41.6	\$18.7	\$14.6	\$65.8	\$165.8
	Category Total 813		\$24.0	\$1.1	\$41.6	\$18.7	\$14.6	\$65.8	\$165.8

^{*} Represents values less than \$50,000

MISC./EMERGENCY T - 816

	EMENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
02	MISCELLANEOUS								
02	Insurance to Support Capital Program		0.0	0.0	0.0	0.0	0.0	9.6	9.6
)3	Capital Revolving Fund 2020		5.0	0.0	0.0	0.0	0.0	0.0	5.0
4	All Agency Liability Insurance		12.5	0.0	0.0	0.0	0.0	0.0	12.5
5	Owner Controlled Insurance Program		0.0	53.1	7.7	0.0	0.0	0.0	60.8
6	Owner Controlled Insurance Program 2022-23		0.0	0.0	78.3	0.0	0.0	0.0	78.3
8	Capital Revolving Fund 2021		0.0	5.0	0.0	0.0	0.0	0.0	5.0
9	Capital Revolving Fund 2022		0.0	0.0	5.0	0.0	0.0	0.0	5.0
0	Capital Revolving Fund 2023		0.0	0.0	0.0	5.0	0.0	0.0	5.0
1	Owner Controlled Insurance Program (OCIP) 23-24		0.0	0.0	0.0	60.1	0.0	0.0	60.1
2	Owner Controlled Insurance Program (OCIP) 23 24 25		0.0	0.0	0.0	105.8	11.4	7.8	124.9
3	Capital Revolving Fund 2024		0.0	0.0	0.0	5.0	0.0	0.0	5.0
4	Owner Controlled Insurance Program (OCIP) 2015-19		0.0	0.0	0.0	0.0	6.0	0.0	6.0
5	Capital Revolving Fund 2025		0.0	0.0	0.0	0.0	0.0	5.0	5.0
9	Authority-Wide Contingency: 2020-2024		0.0	0.0	0.0	0.0	0.0	184.7	184.7
_	Element Total 02		\$17.5	\$58.1	\$91.0	\$175.9	\$17.4	\$207.1	\$567.0
1	MANAGEMENT INFORMATION SYSTEMS								
<u>.</u>	Enterprise Asset Management (EAM)	NR	0.0	9.4	20.1	14.6	0.0	1.3	45.4
2	Upgrade Information Systems / Data Centers	VAR	0.0	1.4	0.0	0.0	0.0	43.4	44.8
3	Improved Resiliency of RCC Critical Systems DES	NR	0.0	0.0	0.0	2.7	0.0	0.0	2.7
-	· · · · · · · · · · · · · · · · · · ·	INIX							
	Element Total 04		\$0.0	\$10.8	\$20.1	\$17.3	\$0.0	\$44.7	\$92.9
5	ENGINEERING SERVICES								
2	Engineering Services to Support Capital Program		4.5	14.4	15.1	14.5	3.2	38.6	90.4
3	Scope Development and Design Reserve		2.8	4.0	5.6	2.8	0.4	199.4	215.0
4	MTA Independent Engineering Consultant		0.0	6.0	0.0	15.6	0.0	0.0	21.6
5	Small Business Mentoring Program Administration		0.0	0.0	10.7	3.3	5.6	7.3	26.9
3	GO Support - Traffic Checkers 2022		0.0	0.0	10.0	0.0	0.0	0.0	10.0
1	GO Support - Traffic Checkers 2020		10.0	0.0	0.0	0.0	0.0	0.0	10.0
5	GO Support - Traffic Checkers 2021		0.0	10.3	0.0	0.0	0.0	0.0	10.3
7	Concrete Cylinder Testing		1.7	0.0	0.0	0.0	0.0	0.0	1.7
3	Concrete Batch Plant Inspection		2.1	0.0	0.0	0.0	0.0	0.0	2.1
)	Construction Support 2022		0.0	0.0	6.5	0.0	0.0	0.0	6.5
)	Bike Ped Study and Pilot	SI	0.0	0.0	0.0	0.3	0.0	1.1	1.5
١	GO Support - Traffic Checkers 2023		0.0	0.0	0.0	10.0	0.0	0.0	10.0
2	GO Support - Traffic Checkers 2024		0.0	0.0	0.0	0.0	10.0	0.0	10.0
3	Structural Testing Systemwide		0.0	0.0	0.0	0.0	0.6	0.0	0.6
4	Test Pits and Test Holes at Various Locations		0.0	0.0	0.0	0.0	11.0	0.1	11.1
5	Land Borings at Various Locations		0.0	0.0	0.0	0.0	0.0	7.1	7.1
_	Element Total 05		\$21.2	\$34.8	\$48.0	\$46.6	\$30.8	\$253.7	\$434.9
6	ENVIRONMENTAL SAFETY								
3	Environmental Remediation	NR	0.0	0.0	0.0	0.0	0.0	19.2	19.2
4	Fire Alarms and Sprinklers DES	NR	0.0	1.7	0.3	0.1	0.0	0.0	2.1
Ü	IQ Consulting Serv.: UST Remediation - 2021	NR	0.0	0.0	4.7	0.2	0.2	0.1	5.2
5									
	Fire Alarms and Sprinklers: Various Locations	NR	0.0	0.0	0.0	81.8	0.2	0.6	82.6

^{*} Represents values less than \$50,000

MISC./EMERGENCY T - 816

	EMENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
07	EMPLOYEE FACILITIES								
01	Subways Employee Facility Repairs: Various Locs	SGR	0.0	0.0	0.0	0.0	0.0	100.2	100.2
03	Misc./Administrative Facility Investments	VAR	0.0	0.0	0.0	0.0	0.0	121.9	121.9
04	EFR: 8AV - 4 Locations (Uptown)	SGR	2.6	0.1	0.0	0.0	0.0	0.0	2.7
05	Livingston Plaza Elec, Mechanical, Generator Ph. B	NR	0.0	67.5	0.9	0.4	0.0	5.3	74.1
06	EMD Facility: Hoyt-Schermerhorn FUL	SGR	13.7	0.1	0.2	0.0	0.0	9.8	23.8
07	Employee Facilities Design	VAR	0.0	1.0	0.0	15.6	2.8	0.1	19.5
80	EDR Water Remedy and Equipment Replacement	SGR	0.0	5.6	0.4	0.0	0.0	0.0	6.0
09	EFR Bathroom and Breakroom Ph1	SGR	0.0	2.8	0.1	0.0	0.0	0.0	3.0
10	EFR Bathroom and Breakroom Ph2	SGR	0.0	3.7	0.0	0.0	0.0	0.0	3.7
11	EFR Consolidation: 2 Ave / 6AV	SGR	0.0	18.6	0.1	0.3	0.0	4.0	23.0
12	EFR Bathroom and Breakrooms Ph 3	SGR	0.0	0.0	0.0	2.9	0.0	0.0	2.9
13	14th Street-Union Square Police District Office #4	SGR	0.0	0.0	0.0	0.0	0.2	0.0	0.2
14	EFR Station Component Locations	SGR	0.0	0.0	0.0	4.5	0.0	0.3	4.7
15	Perimeter Hardening: Power Control Center (SBMP)	SI	0.0	0.0	0.0	2.6	0.0	0.2	2.8
16	Crew Quarters (EMD) - 7th Ave Station / 6AV	SGR	0.0	0.0	0.0	12.3	0.0	6.8	19.1
17	EFR: West 4 St / 8AV Water Condition Survey	SGR	0.0	0.0	0.0	0.0	0.1	0.4	0.4
18	2020-24 Facility Elevators	SGR	0.0	0.0	0.0	0.0	0.0	35.3	35.3
19	Employee Facility Repairs at ADA & StationCom Locs	SGR	0.0	0.0	0.0	0.0	5.0	0.0	5.0
20	RCC Annex - Gas Vent	SI	0.0	0.0	0.0	0.0	0.3	0.0	0.3
22	EFR at ADA Locations	SGR	0.0	0.0	0.0	0.0	7.2	0.0	7.2
23	EFR: 5 Locations ICC	SGR	0.0	0.0	0.0	0.0	0.0	12.3	12.3
26	130 Livingston St Boilers	SGR	0.0	0.0	0.0	0.0	0.0	0.3	0.3
29	EFR Component Repairs at 5 Locs (2023)	SGR	0.0	0.0	0.0	0.0	0.0	4.6	4.6
_	Element Total 07		\$16.3	\$99.5	\$1.8	\$38.6	\$15.6	\$301.3	\$473.0
	Category Total 816		\$54.9	\$204.7	\$165.9	\$360.5	\$64.2	\$826.6	\$1,677.0
	TOTAL PROGRAM		\$974.0	\$2,320.1	\$7,295.8	\$4,506.5	\$2,992.9	315,401.0	\$33,490.3

^{*} Represents values less than \$50,000

Staten Island Railway

STATEN ISLAND RAILWAY S - 807

	MENT CRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	SIR: MISCELLANEOUS								
01	Station Components: Various Locations	SGR	2.1	0.0	0.6	3.7	0.0	57.3	63.7
02	Track and Switch Replacement	SGR	0.0	0.0	0.5	0.0	0.0	0.0	0.5
03	Bridge Structures: Various Locations	VAR	0.6	0.0	1.9	2.9	0.0	98.6	104.0
04	Purchase Various Work Train Cars	VAR	0.0	0.0	0.0	0.0	0.0	12.5	12.6
05	Purchase Rubber Tire Vehicles	SGR	0.0	0.0	0.0	0.0	0.0	5.0	5.0
07	ADA: Huguenot	SI	0.0	0.0	0.0	29.8	0.2	2.3	32.3
08	ADA: New Dorp SIR	SI	28.1	0.2	0.2	0.0	0.0	6.2	34.7
09	Track and Switch Rehab: SIR Mainline (Addtnl Work)	SGR	14.3	36.4	0.0	0.0	0.0	0.0	50.7
10	Components: New Dorp SIR	SGR	0.0	1.4	0.0	0.0	0.0	0.0	1.4
11	Purchase 7 Flat Cars	SGR	0.0	0.0	6.5	0.0	0.0	0.0	6.5
12	SIR Track and Switch Replacement	SGR	0.0	0.0	0.0	86.6	0.1	1.1	87.7
16	Art for ADA Stations	SI	0.0	0.0	0.0	0.0	0.2	0.0	0.2
DD	SIR ADA Design	SI	0.0	0.0	0.5	1.4	0.0	0.0	1.9
RR	ADA: Station Reserve (Clifton)	SI	0.0	0.0	0.0	0.0	0.0	53.8	53.8
	Element Total 01		\$45.1	\$38.0	\$10.1	\$124.4	\$0.5	\$236.8	\$454.9
	Category Total 807		\$45.1	\$38.0	\$10.1	\$124.4	\$0.5	\$236.8	\$454.9
	TOTAL PROGRAM		\$45.1	\$38.0	\$10.1	\$124.4	\$0.5	\$236.8	\$454.9

^{*} Represents values less than \$50,000

New York City Transit Agency Summary

AGENCY	2020	2021	2022	2023	2024	Post 2024	Total All Years
TOTAL New York City Transit	\$974.0	\$2,320.1	\$7,295.8	\$4,506.5	\$2,992.9	\$15,401.0	\$33,490.3
TOTAL Staten Island Railway	\$45.1	\$38.0	\$10.1	\$124.4	\$.5	\$236.8	\$454.9
TOTAL NEW YORK CITY TRANSIT AGENCY PROGRAM	\$1,019.2	\$2,358.0	\$7,305.9	\$4,631.0	\$2,993.4	\$15,637.7	\$33,945.2

^{*} Represents values less than \$50,000

ROLLING STOCK L - 801

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	REVENUE EQUIPMENT								
04	Other Rolling Stock	SI	0.0	0.0	0.0	0.0	6.6	0.0	6.6
01	Work Locomotives	NR	0.0	0.0	0.0	0.1	0.0	0.0	0.1
02	Purchase Dual-Mode Locomotives	NR	0.0	0.0	0.0	0.0	1.0	155.1	156.1
	Element Total 01		\$0.0	\$0.0	\$0.0	\$0.1	\$7.5	\$155.1	\$162.7
	Category Total 801		\$0.0	\$0.0	\$0.0	\$0.1	\$7.5	\$155.1	\$162.7

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	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
04	STATIONS AND BUILDINGS								
01	Station Renewals: Various Locations	NR	0.0	0.0	2.8	0.6	0.0	12.6	16.0
02	Station Platform Components: Various Locations	VAR	0.0	0.0	0.0	0.0	0.0	16.9	16.9
)3	Station Building Components: Various Locations	VAR	0.0	1.7	1.5	0.0	0.0	8.7	11.9
06	Fare Collection Program	NR	0.0	0.0	9.8	0.0	35.1	0.3	45.1
8(Small Business Mentoring Program - Stations	NR	0.0	0.0	4.9	9.5	1.2	6.3	21.9
)9	ADA Hollis Station	SGR	0.0	0.0	0.0	97.0	0.0	0.8	97.7
11	ADA Locust Manor Station	SI	0.0	0.0	20.4	2.0	0.0	0.0	22.4
2	ADA Forest Hills Station	SI	0.0	0.0	0.0	102.0	0.5	2.9	105.3
3	ADA Copiague Station	SI	0.0	0.0	15.7	2.3	0.2	0.0	18.2
4	ADA St Albans Station	SI	0.0	0.0	22.3	3.4	0.0	0.0	25.7
5	ADA Met-Willet Pt Station DES	NE	0.0	0.0	0.0	1.6	0.0	0.0	1.6
6	Force Account Station Work - Various Locations	NR	7.9	3.1	0.0	0.2	0.0	0.6	11.8
7	Tactile Strips - Various Locations	NR	12.8	0.0	0.0	0.0	0.0	0.0	12.8
8	Mets-Willets EIC Relocation	SI	1.4	18.8	0.0	0.0	0.0	0.0	20.3
9	Northport Station Improvements	NR	0.0	1.4	9.7	0.0	0.0	1.3	12.5
0	ADA Amityville Station	SI	0.0	0.0	13.1	2.3	0.0	0.0	15.5
21	ADA Laurelton Station	SI	0.0	0.0	19.4	1.9	0.0	0.0	21.3
22	ADA Massapequa Park Station	SI	0.0	0.0	14.3	1.3	0.3	0.0	15.9
23	ADA Lindenhurst Station	SI	0.0	0.0	15.7	2.3	0.0	0.0	18.1
4	Valley Stream Escalator / Elevator Replacement	NR	0.0	0.0	22.4	2.3	0.0	1.4	26.1
25	Auburndale Elevator Replacement	NR	0.0	0.0	7.2	1.0	0.0	0.1	8.3
6	Babylon Station Platform Replacement	SGR	0.0	0.0	0.0	125.6	0.0	1.2	126.8
27	Jamaica Eastern Portal Enhancements	NR	0.0	0.0	0.0	1.0	0.0	0.0	1.0
28	Jamaica West End Vertical Transportation	SI	0.0	0.0	0.0	3.2	0.0	1.1	4.2
8	C&D Project Support	SI	0.0	0.0	0.0	0.0	1.0	0.0	1.0
DD	ADA Accessibility and Components Stations DES	SI	15.1	1.0	0.0	0.3	0.0	3.3	19.8
RR	Stations ADA Reserve	SI	0.0	0.0	0.0	0.0	0.0	0.6	0.6
_	Element Total 04		\$37.2	\$26.1	\$179.3	\$359.8	\$38.3	\$58.0	\$698.7
) 5	PARKING Parking Rehabilitation & Access Improvements Small Pusiness Mentering Program Parking	VAR NR	1.1 0.5	0.3 5.4	0.0	0.6 3.1	0.0	14.3 3.1	16.2 12.1
)2	Small Business Mentoring Program - Parking	INIX							
	Element Total 05		\$1.5	\$5.7	\$0.0	\$3.7	\$0.0	\$17.3	\$28.3
)6	PENN STATION								
1	Penn Station HVAC, Platform,& Building Improvement	SGR	0.0	0.0	0.0	0.0	0.0	5.1	5.1
)2	Radio Antenna Improvements	NR	0.0	0.0	0.0	0.0	0.0	5.0	5.0
3	PSNY Platform 7 & 8 Stairs Replacement	SGR	0.0	4.4	0.0	0.0	0.0	25.0	29.5
4	PSNY-33rd Phase 2 LIRR 20-24 Plan Contribution	SI	5.3	8.9	0.6	0.0	0.0	4.0	18.8
	Element Total 06		\$5.3	\$13.3	\$0.6	\$0.0	\$0.0	\$39.1	\$58.3
)7	GRAND CENTRAL TERMINAL								
)1	GCT Facility Needs	SI	1.1	1.7	6.6	1.9	0.1	6.6	18.0
	Element Total 07		\$1.1	\$1.7	\$6.6	\$1.9	\$0.1	\$6.6	\$18.0

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ELEMENT DESCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01 ANNUAL TRACK REHAB PROGRAM								
05 2020 - Annual Track Program	NR	151.0	35.7	42.4	0.3	0.1	73.5	303.0
01 Construction Equipment & Geometry Cars	SGR	6.4	1.7	22.4	24.3	6.3	0.1	61.2
02 Various Right of Way Projects	VAR	9.7	0.0	0.0	0.0	0.3	0.0	10.0
03 Yard Track Rehabilitation	VAR	0.0	8.0	0.0	0.0	0.0	3.4	11.4
06 2021- Annual Track Program	NR	0.0	70.0	0.0	0.0	0.0	0.0	70.0
07 2022- Annual Track Program	NR	0.0	0.0	86.8	0.0	0.0	0.0	86.8
08 2023- Annual Track Program	NR	0.0	0.0	0.0	62.5	0.0	0.0	62.5
09 2024- Annual Track Program	NR	0.0	0.0	0.0	0.0	92.6	0.0	92.6
10 Concrete Tie Program	NR	55.0	0.0	0.0	0.0	0.0	0.0	55.0
11 Right of Way Fencing	NR	5.0	0.0	0.0	0.0	0.0	0.0	5.0
12 Track Rehab- West Side Storage Yard	NR	5.2	2.0	0.0	0.0	0.0	0.0	7.2
13 Track Rehab- Patchogue Siding	NR	0.0	0.0	0.0	4.9	0.1	0.0	5.0
Element Total 01		\$232.3	\$117.3	\$151.5	\$92.1	\$99.3	\$77.1	\$769.6
04 OTHER TRACK IMPROVEMENTS								
01 Amtrak Territory Investments	NR	10.2	0.0	6.6	0.4	33.7	106.0	157.0
02 Jamaica Capacity Improvements - Reserves	SI	0.0	0.0	20.0	0.0	0.0	0.0	20.0
03 JCI - Hall Interlocking Expansion	SI	0.0	26.1	130.0	3.0	0.2	9.3	168.6
05 Yard Track Rehabs - 2024	NR	0.0	0.0	0.0	0.0	17.0	0.0	17.0
98 C&D Project Support		0.0	0.0	0.0	0.0	1.3	0.0	1.3
Element Total 04		\$10.2	\$26.1	\$156.6	\$3.5	\$52.2	\$115.3	\$363.8
Category Total 803		\$242.5	\$143.4	\$308.1	\$95.6	\$151.6	\$192.3	\$1,133.4

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LINE STRUCTURES
L - 804

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	BRIDGES								
01	Painting, Drainage, & Waterproofing of Bridges	SGR	0.0	0.0	0.0	0.0	0.0	2.7	2.7
02	Replacement & Rehabilitation of Bridges	SGR	0.0	0.0	0.0	5.0	0.2	10.0	15.2
03	Miscellaneous Bridge Work	VAR	0.0	0.0	23.0	0.0	0.1	1.2	24.3
04	Small Business Mentoring Program - Bridges	NR	0.1	0.0	3.4	5.0	0.0	25.6	34.1
05	Wreck Lead Bridge Rehab	NR	5.1	0.4	0.0	0.0	0.0	0.0	5.6
06	Bridge Design	VAR	0.0	1.3	0.0	0.0	0.0	0.2	1.6
07	Bridge Repl & Rehab: Cherry Valley Rd	SGR	0.0	28.3	0.7	0.3	0.4	1.2	30.9
80	Hillside Facility West Overpass Replacement	NR	0.0	0.0	2.0	1.8	0.0	0.0	3.8
09	Webster Avenue Bridge Replacement	SGR	0.0	0.0	0.0	15.8	0.5	0.7	17.0
10	Van Wyck Bridge Span Rehabilitation	SGR	0.0	0.0	0.0	0.0	4.0	0.0	4.0
15	South Shore Bridge Painting	NR	0.0	0.0	0.0	0.0	0.0	16.5	16.5
16	Wreck Lead Bridge Elec/Mechanical Work DES	NR	0.0	0.0	0.0	1.0	0.0	0.0	1.0
17	Bridge Painting Various Locations DES	NR	0.0	0.0	0.0	0.0	0.9	0.0	0.9
18	QNS Boulevard Bridge Rehabilitation Design	SGR	0.0	0.0	0.0	0.0	1.8	0.0	1.8
19	Valley Stream Viaduct Waterproofing/Joint Repairs	SGR	0.0	0.0	0.0	0.0	3.6	4.3	8.0
20	East End Bridge Replacement (3 Bridges)	NR	0.0	0.0	0.0	0.0	0.0	71.7	71.7
98	C&D Project Support		0.0	0.0	0.0	0.0	0.3	0.0	0.3
	Element Total 01		\$5.2	\$30.1	\$29.1	\$28.9	\$11.9	\$134.1	\$239.3
02	TUNNELS								
03	East River Tunnel Fire and Life Safety	NR	0.0	0.0	0.0	0.0	0.0	20.0	20.0
04	Small Business Mentoring Program - Tunnels	VAR	1.5	6.8	3.7	0.0	0.1	9.4	21.6
	Element Total 02		\$1.5	\$6.8	\$3.7	\$0.0	\$0.1	\$29.4	\$41.6
	Category Total 804		\$6.6	\$37.0	\$32.8	\$28.9	\$12.0	\$163.5	\$280.8

^{*} Represents values less than \$50,000

COMMUNICATIONS & SIGNALS L - 805

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	COMMUNICATIONS IMPROVEMENTS								
04	Jamaica Station Technology Upgrades	SI	0.0	0.0	0.0	2.8	0.2	0.0	3.0
01	Comm. Pole Line	SGR	8.0	0.0	0.0	0.0	0.0	0.0	8.0
02	Comm Component Replacement	SGR	7.3	0.0	0.0	0.0	0.0	0.7	8.0
03	Fiber Optic Network	NR	16.5	0.0	0.0	0.0	0.0	7.5	24.0
06	Radio Head-End Replacement	NR	0.0	12.0	0.0	0.0	0.0	0.0	12.0
07	Improved Radio Coverage Initiative/FCC Mandates	SI	0.0	0.0	0.0	0.0	0.0	4.1	4.1
80	Help Points	SI	2.0	0.0	0.0	0.0	0.0	3.0	5.0
10	Grade Crossing Cameras	SI	3.0	0.0	0.0	0.0	0.0	2.0	5.0
11	Customer Information Technology Upgrade	SI	3.0	0.0	0.0	0.0	0.0	4.0	7.0
	Element Total 01		\$39.8	\$12.0	\$0.0	\$2.8	\$0.2	\$21.3	\$76.1
02	SIGNAL IMPROVEMENTS								
01	Babylon Interlocking Renewal	SGR	0.0	2.2	59.5	0.0	0.0	31.2	92.9
03	Babylon to Patchogue	SGR	0.0	0.0	0.0	10.0	0.0	8.5	18.5
04	Centralized Train Control	SI	0.8	10.0	0.0	3.3	0.0	4.3	18.4
05	Signal Replacement and Interlocking Improvements	VAR	43.7	53.5	8.2	0.4	4.6	6.8	117.2
07	Positive Train Control (ESA)	SI	0.0	0.0	33.0	0.0	0.0	0.0	33.0
80	Positive Train Control (FRA Mandates)	SI	0.0	0.0	0.0	0.0	1.7	36.3	38.0
98	C&D Project Support		0.0	0.0	0.0	0.0	0.6	0.0	0.6
	Element Total 02		\$44.5	\$65.7	\$100.8	\$13.7	\$6.8	\$87.1	\$318.6
	Category Total 805		\$84.3	\$77.7	\$100.8	\$16.5	\$7.0	\$108.4	\$394.7

^{*} Represents values less than \$50,000

SHOPS AND YARDS L - 806

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	SHOPS AND YARDS								
01	Rolling Stock Support Shop Equipment	NR	0.5	0.8	1.1	2.4	5.0	22.1	31.9
02	Shop Improvements at Various Locations	VAR	0.0	0.4	1.6	1.5	0.2	1.4	5.1
03	Yard Improvements at Various Locations	VAR	0.5	0.0	0.0	0.0	0.0	4.5	5.0
04	Small Business Mentoring Program - Shops & Yards	NR	0.0	0.0	0.0	0.0	0.0	2.4	2.4
05	Mid Suffolk Yard Phase 2	SI	25.8	0.0	0.1	2.1	0.0	16.5	44.5
98	C&D Project Support		0.0	0.0	0.0	0.0	0.3	0.0	0.3
	Element Total 01		\$26.8	\$1.2	\$2.8	\$6.0	\$5.5	\$46.9	\$89.1
04	EMPLOYEE FACILITIES								
01	Rehabilitation of Employee Facilities Various Locs	VAR	2.4	3.5	0.6	1.9	0.0	5.6	14.0
03	Fire Protection Improvements	NR	0.0	0.0	21.0	0.0	0.6	3.4	25.0
05	Small Business Mentoring Program - Emp. Facs.	NR	0.0	8.9	3.6	11.3	7.8	2.3	34.0
06	Rehabilitation of Employee Facilities - Bethpage	NR	0.0	14.1	0.9	0.3	0.2	5.0	20.6
07	Rehab of Employee Facilities - Bethpage SBMP	SI	0.0	0.0	0.0	5.2	4.2	0.5	9.8
	Element Total 04		\$2.4	\$26.5	\$26.1	\$18.7	\$12.8	\$16.9	\$103.4
	Category Total 806		\$29.2	\$27.7	\$28.9	\$24.7	\$18.2	\$63.8	\$192.5

^{*} Represents values less than \$50,000

POWER L - 807

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	POWER								
01	Substation Replacements	SGR	4.9	0.0	0.0	0.2	0.0	8.5	13.7
02	Lighting Improvements	SGR	12.0	0.0	0.0	0.0	0.0	7.5	19.5
03	Power Component Repairs and Replacements	VAR	33.2	0.0	0.0	1.5	0.2	14.3	49.2
04	3rd Rail Upgrades	NR	43.0	0.0	0.0	0.0	0.0	0.0	43.0
06	Substation Component Renewal	SI	0.0	12.4	4.3	1.6	0.0	6.4	24.7
07	Jamaica Substation	SGR	0.0	0.0	76.6	8.0	0.0	0.0	77.4
80	Penn Station Substation (E01) Hardening	NR	0.0	0.0	0.0	0.0	4.4	13.7	18.1
10	Power SCADA System	SGR	0.0	0.0	0.0	1.9	0.0	6.6	8.4
11	Substation Replacement - Prelim Design	SGR	0.0	0.0	0.0	0.0	2.5	0.5	3.0
98	C&D Project Support		0.0	0.0	0.0	0.0	0.3	0.0	0.3
	Element Total 01		\$93.1	\$12.4	\$80.9	\$6.0	\$7.5	\$57.5	\$257.4
	Category Total 807		\$93.1	\$12.4	\$80.9	\$6.0	\$7.5	\$57.5	\$257.4

^{*} Represents values less than \$50,000

MISCELLANEOUS L - 809

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
04	MISCELLANEOUS								
01	Security Camera Replacement Program	NR	0.0	3.0	0.0	0.4	0.1	0.1	3.6
02	Access Control at Stations, Platforms, Yards & Fac	NR	0.0	1.6	0.8	0.0	0.0	2.6	5.0
03	Perimeter Physical Hardening Project	SI	3.0	0.0	0.0	0.0	0.0	0.0	3.0
04	Equipment Upgrades for Security Command Centers	NR	0.0	0.0	0.2	0.0	0.0	2.8	3.0
05	Atlantic Avenue Tunnels Security Improvements	SI	0.0	0.0	0.0	0.0	0.0	4.0	4.0
06	Centralized Video Storage/Management Solution	SI	0.0	0.0	0.2	0.7	0.0	4.1	5.0
07	Physical Assessment of all LIRR Right of Way	SI	0.0	0.0	1.1	0.0	0.0	2.4	3.5
80	Environmental Remediation	NR	0.0	0.0	0.0	0.0	0.3	1.7	2.0
09	EAM Development	SI	0.0	0.0	0.0	0.0	0.0	5.0	5.0
10	Program Administration		22.6	25.1	23.4	19.6	25.6	17.8	134.1
11	Program Development		0.0	0.0	0.0	1.7	0.0	4.9	6.5
12	Insurance		0.6	0.0	0.0	0.0	0.0	0.7	1.3
13	Independent Engineer		0.0	2.5	0.0	5.8	0.0	0.3	8.5
14	SBDP Administration		0.0	0.0	0.0	0.0	0.0	4.8	4.8
15	Owner Controlled Insurance Program (OCIP)		0.0	5.2	11.9	4.2	0.5	1.6	23.4
16	2020-24 Accrued Savings		0.0	0.0	0.0	0.0	0.0	4.8	4.8
17	Engineering Services		0.0	0.1	0.0	0.0	0.0	0.0	0.1
	Element Total 04		\$26.2	\$37.4	\$37.7	\$32.5	\$26.6	\$57.4	\$217.7
	Category Total 809		\$26.2	\$37.4	\$37.7	\$32.5	\$26.6	\$57.4	\$217.7
	TOTAL PROGRAM	\$	526.9	\$382.3	\$775.7	\$569.7	\$268.8	\$919.1	\$3,442.6

^{*} Represents values less than \$50,000

ROLLING STOCK M - 801

ELEMENT DESCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01 REVENUE EQUIPMENT								
01 M-9A Procurement	NR	0.0	0.0	0.0	0.0	0.0	484.6	484.6
02 Locomotive Replacement	NR	0.0	121.9	0.0	0.0	0.0	119.2	241.1
RW Retroactive Wage Adjustment		0.0	0.0	0.0	0.0	0.0	0.0	0.0*
Element Total 01		\$0.0	\$121.9	\$0.0	\$0.0	\$0.0	\$603.9	\$725.7
Category Total 801		\$0.0	\$121.9	\$0.0	\$0.0	\$0.0	\$603.9	\$725.7

^{*} Represents values less than \$50,000

ELEMENT DESCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01 GRAND CENTRAL TERMINAL								
01 GCT Trainshed	SGR	0.0	200.6	1.6	5.0	0.2	91.8	299.2
02 Park Avenue Tunnel Improvements DES	SGR	0.0	10.6	1.6	0.8	0.0	1.2	14.2
03 GCT Building Component Repairs/Replacements	SGR	0.4	1.1	0.1	0.0	0.0	0.5	2.1
05 GCT Fire Stand Pipe Phase II	SGR	0.0	0.0	0.0	0.0	0.0	71.0	71.0
08 PAT Exit Repairs 86th St SBMP	SGR	0.0	0.0	0.0	0.0	2.1	1.1	3.2
11 Track 94 Storage Room SBMP		0.0	0.0	0.0	0.0	0.0	2.0	2.0
RW Retroactive Wage Adjustment		0.0	0.0	0.0	0.0	0.0	0.1	0.1
Element Total 01		\$0.4	\$212.3	\$3.2	\$5.8	\$2.3	\$167.7	\$391.8
02 OUTLYING STATIONS								
01 Upper H&H Stations Priority Repairs	NR	0.0	0.0	37.2	0.0	0.0	3.1	40.3
02 Harlem Line Station Renewals	SGR	0.1	0.0	5.6	0.2	0.0	0.0	5.9
05 Ludlow Station Accessibility Improvements DES	NR	0.0	0.0	0.0	1.1	1.9	0.0	3.0
06 New Fare Payment Equipment	NR	0.0	0.0	11.1	0.0	30.7	16.3	58.1
07 Small Business Mentoring Program - Stations	SGR	0.0	4.2	1.3	5.1	0.1	5.3	16.0
08 North White Plains Platform Repair	SGR	0.0	12.1	0.2	0.0	0.1	0.0	12.4
09 3 Bronx Stations [Woodlawn_BG_WB]	SI	0.0	0.0	0.0	22.0	135.3	2.5	159.7
13 Harlem Line 5 Stations DES	SGR	0.0	0.0	0.0	0.0	7.2	0.4	7.6
14 Poughkeepsie Station DES	SGR	0.0	0.0	0.0	0.0	0.0	5.0	5.0
RW Retroactive Wage Adjustment		0.0	0.0	0.0	0.0	0.0	0.0	0.0*
Element Total 02		\$0.1	\$16.3	\$55.4	\$28.3	\$175.3	\$32.6	\$308.1
03 PARKING								
01 Brewster Yard Improvements-SE Parking	NR	0.0	0.0	0.0	167.1	9.9	19.2	196.2
02 Small Business Mentoring Program - Parking	SGR	0.0	3.6	0.0	0.0	0.4	9.7	13.8
Element Total 03		\$0.0	\$3.6	\$0.0	\$167.1	\$10.3	\$29.0	\$210.0
Category Total 802		\$0.5	\$232.2	\$58.7	\$201.2	\$187.9	\$229.3	\$909.8

^{*} Represents values less than \$50,000

TRACK & STRUCTURES M - 803

ELEMENT DESCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01 TRACK								
3 Turnouts - Mainline, GCT, & Yards	NR	10.1	14.5	6.0	34.8	24.6	0.0	89.9
04 Rock Slope Remediation - East of Hudson	SGR	0.0	5.2	0.3	0.0	0.1	0.0	5.6
05 Rebuild Marble Hill Retaining Wall - Phase 1	NR	0.0	2.1	0.0	0.0	0.0	0.0	2.1
7 MoW Equipment	NR	0.0	4.2	1.9	4.8	2.8	28.1	41.8
8 2020 Cyclical Track Program	NR	18.9	0.0	0.0	0.0	0.0	0.2	19.1
0 2021 Cyclical Track Program	NR	0.0	20.2	0.0	0.0	0.0	0.0	20.2
1 2023 Cyclical Track Program	NR	0.0	0.0	0.0	30.8	0.0	0.0	30.8
2 2024 Cyclical Track Program	NR	0.0	0.0	0.0	0.0	26.9	5.3	32.2
3 Slope Stabilization - Yonkers	SI	0.0	0.0	0.0	0.0	3.6	7.3	11.0
RW Retroactive Wage Adjustment		0.0	0.0	0.0	0.0	0.0	2.0	2.0
Element Total 01		\$29.0	\$46.3	\$8.2	\$70.4	\$58.0	\$42.9	\$254.7
2 STRUCTURES								
1 Park Avenue Viaduct Replacement Ph 1	SGR	1.3	61.8	455.8	6.4	4.5	52.2	581.9
2 Undergrade Bridge Program - EoH	SGR	0.0	0.0	5.4	0.0	0.0	0.0	5.4
4 Railtop Culverts	SGR	0.0	0.8	0.5	0.0	1.5	0.0	2.8
5 Bridge Walkways	SGR	0.0	0.5	0.0	0.0	0.3	0.0	0.8
6 Replace Timbers UG Bridges	NR	0.0	1.3	1.1	1.5	0.0	0.0	3.9
07 Right-of-Way Fencing	NR	0.0	0.0	0.0	0.3	0.3	0.0	0.5
1 Park Avenue Viaduct Interim Repairs	SGR	0.0	10.4	0.0	0.0	0.0	0.2	10.6
2 Replace South Street and Fulton Ave Bridges (MtV)	SGR	0.0	0.0	48.6	0.0	0.0	0.0	48.6
3 F/A Undergrade Bridge Repair - Various Locations	SGR	0.0	0.0	1.5	1.5	0.0	0.0	3.0
5 Park Avenue Viaduct Replacement Ph 2	SGR	0.0	0.0	0.0	0.0	241.0	9.0	250.0
RW Retroactive Wage Adjustment		0.0	0.0	0.0	0.0	0.0	0.1	0.1
Element Total 02		\$1.3	\$74.8	\$512.9	\$9.6	\$247.5	\$61.5	\$907.7
2 W OF HUDSON INFRASTRUCTURE								
W OF HUDSON INFRASTRUCTURE WoH Rock Slope Remediation - Pt Jervis Line	SGR	0.0	0.0	0.0	0.0	0.0	11.4	11.4
•	SGR	0.0	0.0	8.5	0.0	0.0	0.0	8.5
ŭ	SGR	0.0	0.0	6.5 0.7	0.0	0.0	0.0	o.s 0.8
	SGR			2.3	1.5	0.0	36.2	40.0
· · · · · · · · · · · · · · · · · · ·	SGR	0.0 0.7	0.0 0.7	2.3 0.7	0.7	0.0	36.2 0.0	40.0 3.5
	SGR	0.7	0.7	0.7	0.7	0.7	100.0	100.0
7 WoH Capacity Improvements - Pt Jervis Line	SI SGR			0.0	0.0	0.0	24.2	100.0 24.2
8 W of H Infrastructure Improvement	SGK	0.0	0.0					
RW Retroactive Wage Adjustment Element Total 03		0.0 \$0.7	0.0 \$0.7	0.0 \$12.2	0.0 \$2.2	0.0 \$0.7	0.0 \$171.9	0.0* \$188.4
Liement Iotal 00		φυ.1	φυ./	Ψ14.4	ΨΖ.Ζ	φυ.7	ψ1/1.9	φ100.4

^{*} Represents values less than \$50,000

COMM & SIGNALS M - 804

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	COMM & SIGNALS								
01	Harmon to Poughkeepsie Signal System Ph 2 DES	SGR	0.0	0.0	0.0	5.1	0.0	3.0	8.1
04	Network Infrastructure	NR	0.0	0.0	0.0	11.7	0.5	1.7	13.8
05	Station PA System	NR	0.0	0.0	0.0	0.0	1.4	0.6	2.0
06	Radio System	NR	0.0	0.0	0.0	0.0	19.8	3.3	23.1
08	CCTV	NR	0.0	0.0	0.0	0.0	2.4	0.1	2.5
14	Harmon to Poughkeepsie Signal System Ph 1	SGR	0.0	0.0	0.0	32.1	0.0	0.0	32.1
RW	Retroactive Wage Adjustment		0.0	0.0	0.0	0.0	0.0	0.7	0.7
	Element Total 01		\$0.0	\$0.0	\$0.0	\$48.9	\$24.1	\$9.4	\$82.4
	Category Total 804		\$0.0	\$0.0	\$0.0	\$48.9	\$24.1	\$9.4	\$82.4

^{*} Represents values less than \$50,000

POWER M - 805

	MENT CRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	POWER								
01	Repl. MA's in Signal Substations DES	SGR	0.0	0.1	2.1	0.5	0.0	0.0	2.6
06	Hudson Line Track 1 Electrification	SI	0.0	0.0	1.0	2.7	0.0	40.4	44.1
09	NHL Pelham Substation Replacement	SGR	0.0	0.0	0.0	44.5	0.2	0.2	45.0
10	Rebuild 2 NHL AC Substations	SGR	0.0	14.0	52.9	0.1	0.1	0.0	67.1
11	Claremont Substation DES	SGR	0.0	0.0	0.0	0.0	2.4	1.1	3.5
RW	Retroactive Wage Adjustment		0.0	0.0	0.0	0.0	0.0	3.6	3.6
	Element Total 01		\$0.0	\$14.0	\$55.9	\$47.8	\$2.7	\$45.4	\$165.8
	Category Total 805		\$0.0	\$14.0	\$55.9	\$47.8	\$2.7	\$45.4	\$165.8

^{*} Represents values less than \$50,000

Metro-North Railroad

SHOPS & YARDS M - 806

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	SHOPS & YARDS								
01	Upgrade Automotive Fuel System	SGR	1.3	0.0	8.3	3.1	0.0	0.1	12.9
03	Small Business Mentoring Program - Shops & Yards	SGR	0.0	0.0	0.0	0.0	0.0	2.7	2.7
	Element Total 01		\$1.3	\$0.0	\$8.3	\$3.1	\$0.0	\$2.9	\$15.6
	Category Total 806		\$1.3	\$0.0	\$8.3	\$3.1	\$0.0	\$2.9	\$15.6

^{*} Represents values less than \$50,000

Metro-North Railroad

MISCELLANEOUS M - 808

	MENT CCRIPTION/PROJECT	NEED CODE		2021	2022	2023	2024	Post 2024	Total All Years
01	MISCELLANEOUS								
01	Environmental Remediation		0.5	0.0	0.0	0.0	0.3	0.0	0.8
02	Systemwide Lead/Asbestos Abatement		0.5	0.0	0.0	0.5	0.3	0.0	1.3
03	Railroad Protective Liability		0.2	0.0	0.2	0.1	0.1	0.3	0.9
04	Independent Engineer		0.6	0.0	0.7	3.9	0.0	0.0	5.2
05	Program Administration		8.8	8.5	8.6	12.7	11.8	1.5	51.8
06	Program Scope Development		2.6	1.1	2.7	1.0	0.0	0.9	8.3
07	Owner Controlled Insurance Program (OCIP)		0.0	0.0	20.7	20.5	6.0	0.0	47.2
08	Systemwide Security Initiatives		0.0	0.0	0.0	0.0	0.0	33.4	33.4
10	Enterprise Asset Management	SI	0.0	0.0	0.0	5.3	0.0	0.0	5.3
	Element Total 01		\$13.2	\$9.6	\$32.9	\$43.8	\$18.5	\$36.2	\$154.0
	Category Total 808		\$13.2	\$9.6	\$32.9	\$43.8	\$18.5	\$36.2	\$154.0
	TOTAL PROGRAM		\$46.0	\$499.5	\$689.0	\$427.1	\$539.3	\$1,203.3	\$3,404.2

^{*} Represents values less than \$50,000

Commuter Railroad Agency Summary

AGENCY	2020	2021	2022	2023	2024	Post 2024	Total All Years
TOTAL Long Island Rail Road	\$526.9	\$382.3	\$775.7	\$569.7	\$268.8	\$919.1	\$3,442.6
TOTAL Metro-North Railroad	\$46.0	\$499.5	\$689.0	\$427.1	\$539.3	\$1,203.3	\$3,404.2
TOTAL COMMUTER RAILROAD AGENCY PROGRAM	\$572.9	\$881.8	\$1,464.7	\$996.8	\$808.1	\$2,122.3	\$6,846.7

^{*} Represents values less than \$50,000

MTA Bus Company

BUS COMPANY PROJECTS U - 803

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
02	BUS COMPANY PROJECTS								
01	Purchase 25 Standard Electric Buses	NR	0.0	0.0	0.2	0.0	34.4	33.3	67.9
03	Purchase 110 Standard CNG Buses 90 20	NR	0.0	0.0	0.0	0.4	0.0	124.1	124.5
05	Purchase 250 Express Buses	NR	0.0	0.0	0.4	222.6	0.0	0.0	222.9
80	Bus Systems	SI	0.0	0.0	0.0	0.0	0.0	0.2	0.2
10	Purchase Rubber Tire Vehicles	NR	0.0	0.0	0.0	0.0	0.0	2.0	2.0
14	Project Engineering and Administration		0.0	0.0	0.0	0.0	0.0	17.2	17.2
16	Purchase 25 Standard Diesel Buses	NR	0.0	17.7	0.0	0.0	0.0	0.4	18.1
17	Purchase 85 Standard Diesel Buses	NR	0.0	59.4	0.0	2.5	0.0	0.0	61.9
18	173 Standard Diesel Buses	NR	0.0	0.0	143.0	6.4	0.0	0.0	149.4
19	Generator Repl: Spring Creek and College Pt Depots	SGR	0.0	0.0	0.0	17.4	0.2	0.1	17.7
20	Portable Bus Lift / Equipment Replacement	NR	0.0	0.0	0.0	4.5	0.0	0.0	4.6
21	MTA Bus 2020-2024 Program Contingency		0.0	0.0	0.0	0.0	0.0	1.5	1.5
22	Automated Fuel Management System Upgrade: 8 Depots	NR	0.0	0.0	3.4	0.0	0.0	0.0	3.4
23	Facade Repair & Restoration: 3 Bus Depots	SGR	0.0	0.0	6.0	0.0	0.0	0.0	6.0
24	Boiler Replacement: LGA and SC	SGR	0.0	0.0	0.0	3.0	0.1	0.0	3.1
26	Design Services		0.0	0.0	0.0	0.0	0.5	0.1	0.6
27	116 Standard Diesel Buses	NR	0.0	0.0	96.7	0.3	0.0	4.3	101.3
29	Phase 2B (52 Buses) - ACE	SI	0.0	0.0	0.0	1.0	0.0	0.0	1.0
31	HVAC/CNG, ph.2 Spring Creek	SGR	0.0	0.0	0.0	10.6	0.2	1.2	12.0
32	HVAC/CNG, ph.2 College Point	SGR	0.0	0.0	0.0	19.6	0.7	2.2	22.4
33	Bus Radio System - MTAB	SI	0.0	0.0	0.0	1.2	0.4	0.0	1.6
	Element Total 02		\$0.0	\$77.1	\$249.6	\$289.4	\$36.5	\$186.6	\$839.2
	Category Total 803		\$0.0	\$77.1	\$249.6	\$289.4	\$36.5	\$186.6	\$839.2
	TOTAL PROGRAM		\$0.0	\$77.1	\$249.6	\$289.4	\$36.5	\$186.6	\$839.2

^{*} Represents values less than \$50,000

MTA MENTORING PROGRAM ADMIN N - 800

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	MTA MENTORING PROGRAM ADMIN								
02	MTA SBDP Business Development		13.3	0.0	0.0	0.0	0.0	0.0	13.3
03	MTA SBDP Business Development (est. 2024)		0.0	0.0	0.0	0.0	15.1	0.0	15.1
	Element Total 01	\$	13.3	\$0.0	\$0.0	\$0.0	\$15.1	\$0.0	\$28.5
	Category Total 800	\$	13.3	\$0.0	\$0.0	\$0.0	\$15.1	\$0.0	\$28.5

^{*} Represents values less than \$50,000

MTA POLICE DEPARTMENT N - 810

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	MTA POLICE DEPARTMENT								
01	MTAPD District Offices Rehab/Replacement	NR	0.0	0.0	0.0	0.0	0.0	11.4	11.4
02	Metropolitan Regional Radio System (MRRS) Ph. 4	SI	0.0	0.0	0.0	0.0	0.4	1.6	2.0
03	MRRS Additional NYC Locations	SI	0.0	0.0	0.0	15.9	0.0	1.7	17.6
05	ESA Grand Central Terminal	NR	0.0	2.0	0.4	0.0	0.0	0.1	2.5
06	REP-ESU Fleet Vehicle Purchases	NR	0.0	0.0	0.0	1.7	1.0	0.1	2.8
80	1825 Park Avenue	SI	0.0	2.6	0.0	0.0	0.0	0.0	2.6
	Element Total 01		\$0.0	\$4.6	\$0.4	\$17.5	\$1.4	\$14.9	\$38.9
	Category Total 810		\$0.0	\$4.6	\$0.4	\$17.5	\$1.4	\$14.9	\$38.9

^{*} Represents values less than \$50,000

MTA PLANNING N - 811

	MENT CRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	MTA PLANNING INITIATIVES								
01	Core Planning Support	SI	0.0	0.3	6.0	0.0	2.5	1.5	10.4
02	Corridor Planning Support	SI	0.0	0.0	1.7	8.3	0.4	0.2	10.6
04	Demolish Madison Ave HQ Campus (Add'l Support)		0.0	0.0	0.0	13.4	0.0	1.6	15.0
	Element Total 01		\$0.0	\$0.3	\$7.7	\$21.7	\$3.0	\$3.3	\$36.0
	Category Total 811		\$0.0	\$0.3	\$7.7	\$21.7	\$3.0	\$3.3	\$36.0

^{*} Represents values less than \$50,000

MTA CONSTRUCTION & DEVELOPMENT N - 813

	EMENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	MTA CONSTRUCTION & DEVELOPMENT								
01	MTA Construction & Development		0.0	1.7	8.2	14.0	0.7	0.0	24.6
02	MTA Construction & Development (Add'l Support)		0.0	0.0	0.0	0.0	0.0	3.5	3.5
03	Safety consultants for OCIP		0.0	0.0	0.0	0.0	0.0	5.0	5.0
04	MTA Construction & Development (2024 Support)		0.0	0.0	0.0	0.0	0.0	60.0	60.0
	Element Total 01		\$0.0	\$1.7	\$8.2	\$14.0	\$0.7	\$68.5	\$93.1
_	Category Total 813		\$0.0	\$1.7	\$8.2	\$14.0	\$0.7	\$68.5	\$93.1
	TOTAL PROGRAM		\$13.3	\$6.6	\$16.4	\$53.2	\$20.2	\$86.7	\$196.5

^{*} Represents values less than \$50,000

MTA Interagency Summary

AGENCY	2020	2021	2022	2023	2024	Post 2024	Total All Years
TOTAL MTA MENTORING PROGRAM ADMIN	\$13.3	\$0.0	\$0.0	\$0.0	\$15.1	\$0.0	\$28.5
TOTAL MTA POLICE DEPARTMENT	\$0.0	\$4.6	\$0.4	\$17.5	\$1.4	\$14.9	\$38.9
TOTAL MTA PLANNING	\$0.0	\$0.3	\$7.7	\$21.7	\$3.0	\$3.3	\$36.0
TOTAL MTA CONSTRUCTION & DEVELOPMENT	\$0.0	\$1.7	\$8.2	\$14.0	\$0.7	\$68.5	\$93.1
TOTAL MTA INTERAGENCY	\$13.3	\$6.6	\$16.4	\$53.2	\$20.2	\$86.7	\$196.5

^{*} Represents values less than \$50,000

INTERBOROUGH EXPRESS G - 808

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	INTERBOROUGH EXPRESS								
01	Interborough Express Reserve	NE	0.0	0.0	0.0	0.0	0.0	2.8	2.8
03	PMC Support	NE	0.0	0.0	0.0	0.0	0.0	38.3	38.3
04	MTA Project Management	NE	0.0	0.0	0.0	0.0	0.0	15.1	15.1
05	Force Account Support	NE	0.0	0.0	0.0	0.0	0.0	2.0	2.0
	Element Total 01		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$58.3	\$58.3
	Category Total 808		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$58.3	\$58.3

^{*} Represents values less than \$50,000

EAST SIDE ACCESS G - 809

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	EAST SIDE ACCESS								
01	3rd Party EAC Needs - Manhattan	NE	0.0	55.0	11.2	0.0	16.5	5.0	87.6
02	3rd Party EAC Needs - Queens/Harold	NE	0.0	13.1	0.0	0.0	0.0	0.0	13.1
03	3rd Party EAC Needs - Systems	NE	0.0	24.4	31.7	0.0	17.0	4.5	77.6
04	3rd Party EAC Needs - Other	NE	0.0	6.5	0.0	0.0	0.0	0.0	6.5
05	Force Account EAC Needs - Direct	NE	0.0	0.0	0.8	0.0	3.3	1.3	5.3
06	Force Account EAC Needs - Indirect	NE	0.0	7.7	9.4	0.0	4.5	5.0	26.7
07	Soft Costs EAC Needs - Design/CPS	NE	0.0	30.2	0.0	0.0	0.0	10.3	40.5
80	Soft Costs EAC Needs - PM	NE	0.0	2.3	24.3	4.8	1.4	5.9	38.6
09	Soft Costs EAC Needs - CM	NE	0.0	65.7	8.6	0.0	0.0	0.0	74.3
11	OCIP - EAC Needs	NE	0.0	25.3	8.8	4.1	0.0	7.9	46.2
12	Rolling Stock	NE	0.0	0.0	0.0	0.0	0.0	194.5	194.5
13	Real Estate	NE	0.0	0.0	0.0	0.0	0.0	54.2	54.2
15	LIRR Force Account - Harold Stage 4	NE	0.0	0.0	11.9	0.0	0.0	1.0	12.8
16	48th Street Entrance at 415 Madison	NE	0.0	0.0	0.0	0.0	0.0	30.1	30.1
17	Materials Warranties	NE	0.0	0.0	0.0	0.0	0.0	5.3	5.3
18	Utility Allowance Package	NE	0.0	2.8	0.0	5.5	0.0	2.3	10.5
19	LIRR Operating Support Services	NE	0.0	11.3	0.0	0.0	0.0	0.2	11.5
20	FA System Testing & Commissioning	NE	0.0	14.3	0.0	0.0	0.0	5.2	19.5
21	LIRR Force Account - Harold Stage 3	NE	0.0	0.0	5.1	0.0	0.0	0.0	5.1
23	CM Office Costs (Northern Blvd)	NE	0.0	1.9	0.0	0.0	0.0	0.0	1.9
26	Amtrak Operating Support Services	NE	0.0	2.5	0.0	0.0	0.0	0.0	2.5
99	ESA Program Reserve	NE	0.0	0.0	0.0	0.0	0.0	33.9	33.9
	Element Total 01		\$0.0	\$263.0	\$111.8	\$14.4	\$42.7	\$366.4	\$798.2
	Category Total 809		\$0.0	\$263.0	\$111.8	\$14.4	\$42.7	\$366.4	\$798.2

^{*} Represents values less than \$50,000

FULL LENGTH SECOND AVE SUBWAY G - 810

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	FULL LENGTH SECOND AVE SUBWAY								
02	SAS 2 Construction Management	NE	0.0	0.0	0.0	0.0	0.0	141.3	141.3
03	SAS 2 Real Estate	NE	0.0	0.0	43.6	23.6	8.1	40.1	115.4
04	SAS 2 Heavy Civil at 125th, TBM Tunnel	NE	0.0	0.0	0.0	0.0	0.0	1,086.3	1,086.3
05	SAS 2 106/116th Heavy Civil/Struct	NE	0.0	0.0	0.0	0.0	0.0	903.3	903.3
06	SAS 2 Finishes & Fit-out	NE	0.0	0.0	0.0	0.0	0.0	2,160.7	2,160.7
80	SAS 2 OCIP	NE	0.0	0.0	0.0	0.0	0.0	227.7	227.7
09	SAS 2 Artwork	NE	0.0	0.0	0.0	0.0	0.0	6.0	6.0
98	SAS 2 Reserve	NE	0.0	0.0	0.0	0.0	0.0	592.6	592.6
	Element Total 01		\$0.0	\$0.0	\$43.6	\$23.6	\$8.1	\$5,157.9	\$5,233.2
02	SECOND AVE SUBWAY WEST								
01	SAS2 West Project Reserve	NE	0.0	0.0	0.0	0.0	0.0	16.0	16.0
	Element Total 02		\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$16.0	\$16.0
	Category Total 810	•	\$0.0	\$0.0	\$43.6	\$23.6	\$8.1	\$5,173.9	\$5,249.2

^{*} Represents values less than \$50,000

PENN STATION ACCESS G - 811

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	PENN STATION ACCESS								
02	Program Management	NE	0.0	0.0	1.7	0.1	1.9	14.2	18.0
03	Construction Management	NE	0.0	102.4	3.0	0.0	0.0	35.0	140.5
80	Shops & Yards	NE	0.0	0.0	146.9	0.0	0.0	0.0	146.9
11	Force Account	NE	0.0	0.0	201.5	0.0	0.0	17.2	218.6
12	Real Estate	NE	1.5	0.4	8.0	3.8	13.2	142.4	162.1
13	Owner Controlled Insurance Program (OCIP)	NE	0.0	0.0	104.8	0.0	0.0	26.6	131.4
14	PSA Design-Build Contract	NE	0.0	1,501.7	0.0	0.0	6.3	0.0	1,508.0
20	PSA Fleet Purchase	NE	0.0	0.0	0.0	0.0	0.0	197.9	197.9
22	PSA Locomotive Purchase	NE	0.0	0.0	0.0	0.0	0.0	314.1	314.1
99	PSA Program Reserve	NE	0.0	0.0	0.0	0.0	0.0	111.0	111.0
	Element Total 01		\$1.5	\$1,604.6	\$458.7	\$3.9	\$21.4	\$858.5	\$2,948.7
	Category Total 811		\$1.5	\$1,604.6	\$458.7	\$3.9	\$21.4	\$858.5	\$2,948.7

^{*} Represents values less than \$50,000

LIRR EXPANSION PROJECT G - 813

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	LIRR EXPANSION PROJECT								
03	D-B Construction Contract	NE	252.2	0.0	0.0	0.0	11.3	20.7	284.1
07	Force Account Construction	NE	0.0	0.0	55.1	0.0	0.0	0.0	55.1
09	Force Account Support	NE	0.0	60.3	0.0	0.0	0.0	0.0	60.3
11	Force Account Project Management	NE	0.0	0.0	0.0	0.0	0.0	0.5	0.5
12	Force Account Design	NE	0.0	0.0	0.0	0.0	0.0	0.2	0.2
14	3P Project Management Contract	NE	25.2	0.0	0.0	0.0	0.0	0.0	25.2
15	MTACC Project Management	NE	0.0	0.1	0.0	0.0	0.0	0.0	0.1
17	Project Administration (Other Costs)	NE	1.0	0.0	0.0	0.0	0.0	0.0	1.0
18	Owner Controlled Insurance Program (OCIP)	NE	0.0	11.5	0.0	0.0	0.0	0.1	11.6
19	Real Estate	NE	0.0	0.0	0.0	0.5	0.0	0.0	0.5
	Element Total 01		\$278.3	\$71.9	\$55.1	\$0.5	\$11.3	\$21.4	\$438.5
	Category Total 813		\$278.3	\$71.9	\$55.1	\$0.5	\$11.3	\$21.4	\$438.5

^{*} Represents values less than \$50,000

REGIONAL INVESTMENTS G - 814

	MENT CRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	REGIONAL INVESTMENTS								
01	Eastbound Reroute	NE	0.0	262.2	0.0	0.0	0.0	4.6	266.8
02	Westbound Bypass	NE	0.0	0.0	0.0	7.6	0.0	100.3	107.9
03	Loop & T Interlocking	NE	0.0	13.2	0.0	0.0	0.0	0.3	13.5
04	Amtrak Direct Force Account	NE	0.0	1.9	12.4	0.0	14.7	0.0	29.0
05	LIRR Direct Force Account	NE	0.0	1.1	0.0	9.4	4.6	0.0	15.1
06	PM/CM	NE	0.0	34.2	52.0	6.2	1.1	5.9	99.4
07	Design/CPS	NE	0.0	0.0	3.8	0.0	0.0	0.0	3.8
80	Rolling Stock	NE	0.0	0.0	0.0	0.0	0.0	50.0	50.0
10	Owner Controlled Insurance Program (OCIP)	NE	0.0	0.0	5.6	8.0	0.0	1.5	7.9
16	Harold Catenary Work	NE	24.9	0.0	6.7	0.0	0.0	0.0	31.6
17	B/C Approach	NE	0.0	5.5	0.0	0.0	0.0	0.0	5.5
18	Amtrak Access and Protection	NE	0.0	1.4	0.0	0.0	0.0	0.0	1.4
19	LIRR Access and Protection	NE	0.0	7.4	0.0	0.0	0.0	0.0	7.4
20	Other Regional Investments Support	NE	0.0	0.0	1.1	0.1	0.0	0.0	1.2
99	RI Program Reserve	NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0*
	Element Total 01		\$24.9	\$326.9	\$81.7	\$24.1	\$20.4	\$162.6	\$640.5
	Category Total 814		\$24.9	\$326.9	\$81.7	\$24.1	\$20.4	\$162.6	\$640.5

^{*} Represents values less than \$50,000

PENN RECONSTRUCTION G - 815

ELEMENT DESCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01 PENN RECONSTRUCTION								
01 GEC Contract	NE	0.0	0.0	0.0	64.1	0.0	1.0	65.1
02 Penn Reconstruction Support	NE	0.0	0.0	1.6	1.4	0.0	21.9	24.9
Element Total 01		\$0.0	\$0.0	\$1.6	\$65.5	\$0.0	\$22.9	\$90.0
Category Total 815		\$0.0	\$0.0	\$1.6	\$65.5	\$0.0	\$22.9	\$90.0

^{*} Represents values less than \$50,000

MISCELLANEOUS G - 816

	MENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
01	MISCELLANEOUS								
01	Misc Engineering/Prog Support	NE	0.0	80.6	3.7	7.8	0.0	22.7	114.8
02	MTA Indep. Engineering Consultant	NE	0.0	2.3	0.0	11.7	0.0	2.3	16.3
04	C&D Engineering	NE	0.0	0.1	0.0	0.0	0.0	0.0	0.1
	Element Total 01		\$0.0	\$83.0	\$3.7	\$19.5	\$0.0	\$25.0	\$131.2
	Category Total 816		\$0.0	\$83.0	\$3.7	\$19.5	\$0.0	\$25.0	\$131.2
	TOTAL PROGRAM	4	304.7	\$2,349.3	\$756.2	\$151.4	\$103.9	\$6,689.1	\$10,354.6

^{*} Represents values less than \$50,000

CPRB Agency Summary

AGENCY	2020	2021	2022	2023	2024	Post 2024	Total All Years
TOTAL New York City Transit	\$1,019.2	\$2,358.0	\$7,305.9	\$4,631.0	\$2,993.4	\$15,637.7	\$33,945.2
TOTAL Long Island Rail Road	\$526.9	\$382.3	\$775.7	\$569.7	\$268.8	\$919.1	\$3,442.6
TOTAL Metro-North Railroad	\$46.0	\$499.5	\$689.0	\$427.1	\$539.3	\$1,203.3	\$3,404.2
TOTAL MTA Bus Company	\$0.0	\$77.1	\$249.6	\$289.4	\$36.5	\$186.6	\$839.2
TOTAL MTA Interagency	\$13.3	\$6.6	\$16.4	\$53.2	\$20.2	\$86.7	\$196.5
Core Subtotal	\$1,605.5	\$3,323.6	\$9,036.6	\$5,970.4	\$3,858.2	\$18,033.4	\$41,827.6
TOTAL Major Projects and Expansion	\$304.7	\$2,349.3	\$756.2	\$151.4	\$103.9	\$6,689.1	\$10,354.6
TOTAL 2020-2024 CPRB PROGRAM	\$1,910.2	\$5,672.9	\$9,792.8	\$6,121.8	\$3,962.1	\$24,722.4	\$52,182.3

^{*} Represents values less than \$50,000

STRUCTURES D - 801

ELEMENT DESCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
AW AGENCY-WIDE								
04 Program Contingency		0.0	0.0	0.0	0.0	0.0	8.2	8.2
X3 Structural Health Monitoring	SI	0.0	0.0	0.0	0.0	1.1	0.0	1.1
Element Total AW		\$0.0	\$0.0	\$0.0	\$0.0	\$1.1	\$8.2	\$9.4
BW BRONX-WHITESTONE BRIDGE								
14 Miscellaneous Structural Rehabilitation	NR	0.7	21.4	2.6	0.0	0.0	3.1	27.8
Element Total BW		\$0.7	\$21.4	\$2.6	\$0.0	\$0.0	\$3.1	\$27.8
CB CROSS BAY BRIDGE								
30 Structural Rehabilitation of CBB	NR	1.0	0.7	30.3	0.0	0.0	0.5	32.5
Element Total CB		\$1.0	\$0.7	\$30.3	\$0.0	\$0.0	\$0.5	\$32.5
HC HUGH L. CAREY TUNNEL								
48 Rehabilitation of Tunnel Entrance/Exit - Manh	NR	0.1	0.0	0.3	2.4	0.0	38.4	41.2
Element Total HC		\$0.1	\$0.0	\$0.3	\$2.4	\$0.0	\$38.4	\$41.2
WILLIENDY WIDOON DDIDOE								
HH HENRY HUDSON BRIDGE 36 Dvckman Street Substations Upgrade	NR	2.4	42.5	0.4	0.0	0.0	0.0	45.3
36 Dyckman Street Substations Upgrade 37 Upper Level North Abutment & Retaining Wall R	NR NR	0.0	42.5 0.0	0.4	0.0 4.2	0.0	0.0	45.3
Element Total HH	IVIX	\$2.4	\$42.5	\$1. 0	\$4.2	\$0.0	\$0.0	\$50.1
		•			<u> </u>	•••		,
MP MARINE PARKWAY BRIDGE 16 Miscellaneous Steel Repairs	NR	0.0	0.0	7.1	0.0	0.0	0.0	7.1
<u></u>	IVIX							
Element Total MP		\$0.0	\$0.0	\$7.1	\$0.0	\$0.0	\$0.0	\$7.1
RK ROBERT F. KENNEDY BRIDGE								
04 Ward's Island/Queens Anchorage Rehabilitation	NR	0.6	0.0	0.0	15.3	0.7	2.9	19.5
9 Suspended Span Retrofit	NR	4.5	12.2	0.0	367.5	35.4	40.9	460.5
70 Structural Repairs/Flag Repairs	NR	13.0	0.0	0.0	9.3	0.0	2.1	24.5
31 Facility Interoperability Improvements 33 Lift Span Fender Upgrades	NR NR	4.8 0.3	0.0 26.6	0.0	0.0 2.4	0.0 0.0	0.0 0.0	4.9 29.3
33 Lift Span Fender Upgrades 93 Reconstruct / Relocate RI Ramps (QR & RM)	SI	0.0	0.5	0.0 112.4	2.4 7.7	0.5	5.0	126.1
Element Total RK	- 51	\$23.3	\$39.3	\$112.4	\$402.2	\$36.6	\$50.9	\$664.7
TN THROGS NECK BRIDGE	ND	0.0	0.0	0.0	20.0	0.0	2.5	07.4
49 Main Cable and Suspender Rope Investigation 52 Miscellaneous Structural Rehabilitation	NR NR	0.0 0.0	0.0 0.4	0.0 3.5	33.6 0.5	0.0 0.0	3.5 0.0	37.1 4.5
37 Anchorage & Tower Protection	NR NR	0.0	0.4	3.5 0.0	0.5 11.6	68.0	8.0	4.5 87.6
BX Safety Fence	SI	0.0	0.0	0.0	0.0	0.0	85.0	85.0
Element Total TN	Oi	\$0.0	\$0.4	\$3.5	\$45.8	\$68.0	\$96.5	\$214.2
VN VERRAZZANO-NARROWS BRIDGE 8Q VNB Cable Dehumidification-Phase 1	SI	0.0	0.0	0.0	0.0	24.7	253.9	278.6
	SI	0.0 \$0.0	0.0 \$0.0	0.0 \$0.0	0.0 \$0.0	24.7 \$24.7	253.9 \$253.9	278.6 \$278.6

ROADWAYS & DECKS D - 802

ELEMENT DESCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
HH HENRY HUDSON BRIDGE								
07 Shared Use Path	SI	0.0	0.0	0.0	15.7	0.0	0.0	15.7
14 Deck Rehabilitation and Resurfacing	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0*
Element Total HH		\$0.0	\$0.0	\$0.0	\$15.7	\$0.0	\$0.0	\$15.7
RK ROBERT F. KENNEDY BRIDGE								
75 Deck Rehabilitation & Overlay	NR	8.6	0.0	0.0	0.0	0.0	0.0	8.6
90 Widening of S/B FDR Drive - 125 St to 116 St DES	SI	0.0	1.7	0.0	3.0	0.0	30.7	35.5
Element Total RK		\$8.7	\$1.7	\$0.0	\$3.0	\$0.0	\$30.7	\$44.2
VN VERRAZZANO-NARROWS BRIDGE								
81 Lower Level Main Span Deck Rehabilitation	NR	0.0	0.0	89.3	2.4	0.0	3.4	95.1
84 Ph.2 -Reconstruction of Upper Level Approach	NR	0.0	0.0	0.0	0.0	0.0	525.0	525.0
86 Widening Belt Parkway, Phase 1B	SI	0.0	0.0	38.5	0.0	0.0	2.0	40.5
Element Total VN		\$0.0	\$0.0	\$127.8	\$2.4	\$0.0	\$530.4	\$660.6
Category Total 802	_	\$8.7	\$1.7	\$127.8	\$21.1	\$0.0	\$561.1	\$720.4

^{*} Represents values less than \$50,000

TSMO D - 803

	EMENT SCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
ΑW	/ AGENCY-WIDE								
57	ATMS Enhancements & Upgrades/OCCC System	SI	0.0	0.0	0.0	0.0	0.0	14.1	14.1
65	Toll Collection System Rehabilitation/Upgrade	NR	0.0	0.0	0.0	0.0	0.0	7.6	7.6
74	SCADA Systems		0.0	0.0	2.0	0.0	0.0	0.0	2.0
80	Adv. Traveler Info. Systems (ATIS) & VMS Upgrade	NR	0.0	0.0	0.5	0.9	0.4	23.9	25.7
	Element Total AW		\$0.0	\$0.0	\$2.5	\$0.9	\$0.4	\$45.6	\$49.3
	Category Total 803		\$0.0	\$0.0	\$2.5	\$0.9	\$0.4	\$45.6	\$49.3

^{*} Represents values less than \$50,000

ELEMENT DESCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
AW AGENCY-WIDE								
11 Replacement & Upgrade of Fueling Systems	NR	0.0	0.0	0.0	0.0	0.0	0.0	0.0*
73 Rehab/Replace Facility Monitoring & Safety Sy	NR	0.0	0.0	1.5	44.0	4.8	2.6	53.0
Element Total AW		\$0.0	\$0.0	\$1.5	\$44.0	\$4.8	\$2.6	\$53.0
BW BRONX-WHITESTONE BRIDGE								
96 Lighting, Power Redundancy & Resiliency Imprv	NR	2.6	0.0	63.3	0.2	0.0	6.0	72.2
98 Cable Dehumidification and Miscellaneous Work	SI	0.0	0.0	0.0	0.0	0.5	3.1	3.6
Element Total BW		\$2.6	\$0.0	\$63.3	\$0.2	\$0.5	\$9.1	\$75.8
HC HUGH L. CAREY TUNNEL								
83 Installation of Fire Suppression System	SI	0.1	0.0	0.0	0.6	0.0	0.9	1.6
Element Total HC		\$0.1	\$0.0	\$0.0	\$0.6	\$0.0	\$0.9	\$1.6
MP MARINE PARKWAY BRIDGE								
09 Electrical Rehabilitation (Elevator)	NR	0.6	22.2	0.1	0.0	0.0	0.0	23.0
Element Total MP		\$0.6	\$22.2	\$0.1	\$0.0	\$0.0	\$0.0	\$23.0
QM QUEENS MIDTOWN TUNNEL								
85 Installation of Fire Suppression System	SI	0.1	0.0	0.0	0.9	0.0	0.7	1.6
Element Total QM		\$0.1	\$0.0	\$0.0	\$0.9	\$0.0	\$0.7	\$1.6
TN THROGS NECK BRIDGE								
58 Electrical Resiliency Improvements	NR	0.0	0.0	0.0	0.0	3.4	1.8	5.1
B5 Bridge Structural Lighting & Misc Struct Upgrade	NR	0.0	0.0	0.0	17.9	0.0	1.4	19.3
Cable Dehumidification and Miscellaneous Work @TN	NR	0.0	0.0	0.0	0.0	0.5	2.8	3.3
Element Total TN		\$0.0	\$0.0	\$0.0	\$17.9	\$3.9	\$5.9	\$27.8
VN VERRAZZANO-NARROWS BRIDGE								
12 Misc. Bridge Lighting & Electrical Improvement	NR	1.7	0.0	15.8	26.1	1.9	3.3	48.7
Element Total VN		\$1.7	\$0.0	\$15.8	\$26.1	\$1.9	\$3.3	\$48.7
Category Total 804		\$5.1	\$22.3	\$80.7	\$89.8	\$11.1	\$22.5	\$231.5

^{*} Represents values less than \$50,000

BUILDINGS & SITES D - 805

ELEMENT DESCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
AW AGENCY-WIDE								
12 Hazardous Materials Abatement	NR	0.3	0.6	0.2	0.2	0.1	2.6	4.0
K9 Service Building Upgrades	NR	0.0	0.0	0.0	9.0	0.0	0.8	9.7
Element Total AW		\$0.3	\$0.6	\$0.2	\$9.1	\$0.1	\$3.3	\$13.7
HC HUGH L. CAREY TUNNEL								
Rehabilitation of HCT Ventilation/Service Bui	NR	0.0	4.7	0.0	0.0	0.0	0.4	5.1
Element Total HC		\$0.0	\$4.7	\$0.0	\$0.0	\$0.0	\$0.4	\$5.1
QM QUEENS MIDTOWN TUNNEL								
36 Rehabilitation Ventilation/Service Buildings	NR	0.0	0.0	29.7	0.0	0.0	1.5	31.2
Element Total QM		\$0.0	\$0.0	\$29.7	\$0.0	\$0.0	\$1.5	\$31.2
RK ROBERT F. KENNEDY BRIDGE								
82 Storage Facility for Spare Parts & Materials	SI	0.3	0.0	0.0	0.0	0.0	0.0	0.3
Element Total RK		\$0.3	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	\$0.3
Category Total 805		\$0.6	\$5.3	\$29.9	\$9.1	\$0.1	\$5.2	\$50.2

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MISCELLANEOUS D - 806

ELEMENT DESCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
AW Agency-Wide								
10 EAM	SI	0.0	0.0	0.0	0.0	0.0	4.4	4.4
15 MTA Independent Engineer		0.7	0.0	0.0	1.9	0.0	0.0	2.6
18 Protective Liability Insurance		0.9	0.4	1.4	1.2	1.0	0.0	5.0
21 Program Administration		2.1	1.1	1.5	1.8	2.5	3.1	12.1
22 Miscellaneous		0.0	0.3	0.4	1.5	0.7	0.0	2.9
28 Scope Development		0.0	2.0	0.9	4.4	3.0	2.1	12.4
29 Preliminary Design		0.0	0.0	0.0	5.1	1.9	5.1	12.0
85 TEA - Reserve	SI	0.0	0.0	0.0	0.1	0.0	1.9	2.0
94 Small Business Mentoring Program		1.4	2.7	0.0	0.5	0.0	0.2	4.7
Element Total AW		\$5.0	\$6.6	\$4.2	\$16.5	\$9.0	\$16.8	\$58.1
MP MARINE PARKWAY BRIDGE								
X1 Operational Improvement	SI	0.0	3.5	0.0	0.0	0.0	0.1	3.6
Element Total MP		\$0.0	\$3.5	\$0.0	\$0.0	\$0.0	\$0.1	\$3.6
VN VERRAZZANO-NARROWS BRIDGE								
X1 Install Safety Fencing on Both Levels of the VNB	SI	0.0	36.2	0.0	0.0	0.0	0.0	36.2
Element Total VN		\$0.0	\$36.2	\$0.0	\$0.0	\$0.0	\$0.0	\$36.2
Category Total 806		\$5.0	\$46.3	\$4.2	\$16.5	\$9.0	\$16.8	\$97.9

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STRUCTURAL PAINTING D - 807

ELEMENT DESCRIPTION/PROJECT	NEEDS CODE	2020	2021	2022	2023	2024	Post 2024	Total All Years
BW BRONX-WHITESTONE BRIDGE								
PT BW Facility-Wide Painting Program	NR	0.0	8.5	0.9	0.0	0.0	0.5	9.9
Element Total BW		\$0.0	\$8.5	\$0.9	\$0.0	\$0.0	\$0.5	\$9.9
MP MARINE PARKWAY BRIDGE								
PT MP Facility-Wide Painting Program	NR	1.8	13.4	0.0	0.0	0.0	0.4	15.5
Element Total MP		\$1.8	\$13.4	\$0.0	\$0.0	\$0.0	\$0.4	\$15.5
RK ROBERT F. KENNEDY BRIDGE 19 Zone/Maintenance Painting of Suspended Spans	NR	0.0	0.0	0.0	43.1	4.1	3.8	51.0
19 Zone/Maintenance Painting of Suspended Spans PT RK Facility-Wide Painting Program	NR NR	0.0	0.0 17.1	0.0 17.3	43.1 0.0	4.1 0.0	3.8 0.0	34.5
Element Total RK	1417	\$0.2	\$17.1	\$17.3	\$43.1	\$4.1	\$3.8	\$85.6
TN THROGS NECK BRIDGE		•	·	·		· ·	<u> </u>	· ·
PT TN Facility-Wide Painting Program	NR	0.0	0.0	10.6	51.6	0.0	4.7	66.8
Element Total TN		\$0.0	\$0.0	\$10.6	\$51.6	\$0.0	\$4.7	\$66.8
VN_VERRAZZANO-NARROWS BRIDGE								
81 VN Painting	NR	0.0	0.0	17.5	0.0	0.0	1.1	18.6
84 VN-Paint Brooklyn Ramps	NR	0.0	0.0	0.0	0.0	0.0	11.1	11.1
PT VN Facility-Wide Painting Program	NR	0.0	0.0	0.5	0.2	117.8	20.3	138.8
Element Total VN		\$0.0	\$0.0	\$18.0	\$0.2	\$117.8	\$32.4	\$168.5
Category Total 807		\$2.1	\$38.9	\$46.8	\$94.8	\$121.9	\$41.8	\$346.3
TOTAL PROGRAM		\$49.0	\$218.7	\$449.1	\$686.7	\$273.0	\$1,144.7	\$2,821.2

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CBD Tolling Program

CBD TOLLING PROGRAM PROJECT C - 801

	MENT CCRIPTION/PROJECT	NEED CODE		2021	2022	2023	2024	Post 2024	Total All Years
СР	CBD Tolling Program								
01	CBDT - Exploratory Work	SI	3.9	0.0	0.0	0.0	0.0	0.0	3.9
02	CBDT - Program Management	SI	69.0	3.9	2.7	0.0	4.3	1.6	81.6
03	CBDT - Design-Build & Integrate	SI	290.9	0.0	0.0	0.0	0.0	0.0	290.9
04	CBDT - Customer Service Ctr.	SI	16.5	0.0	15.1	0.0	0.0	0.0	31.7
05	CBDT - Inter-Agency Agreements	SI	1.9	0.0	0.0	0.0	0.0	3.7	5.6
06	CBDT - Program Contingency	SI	0.0	0.0	0.0	0.0	0.0	14.9	14.9
	Element Total CP		\$382.3	\$3.9	\$17.9	\$0.0	\$4.3	\$20.2	\$428.6
	Category Total 801		\$382.3	\$3.9	\$17.9	\$0.0	\$4.3	\$20.2	\$428.6
	TOTAL PROGRAM		\$382.3	\$3.9	\$17.9	\$0.0	\$4.3	\$20.2	\$428.6

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B&T AGENCY SUMMARY

AGENCY	2020	2021	2022	2023	2024	Post 2024	Total All Years
TOTAL CBD Tolling Program	\$382.3	\$3.9	\$17.9	\$.0	\$4.3	\$20.2	\$428.6
TOTAL Bridges and Tunnels	\$49.0	\$218.7	\$449.1	\$686.7	\$273.0	\$1,144.7	\$2,821.2
TOTAL B&T	\$431.3	\$222.7	\$466.9	\$686.7	\$277.3	\$1,164.9	\$3,249.8

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All Agency Summary

AGENCY	2020	2021	2022	2023	2024	Post 2024	Total All Years
TOTAL New York City Transit	\$1,019.2	\$2,358.0	\$7,305.9	\$4,631.0	\$2,993.4	\$15,637.7	\$33,945.2
TOTAL Long Island Rail Road	\$526.9	\$382.3	\$775.7	\$569.7	\$268.8	\$919.1	\$3,442.6
TOTAL Metro-North Railroad	\$46.0	\$499.5	\$689.0	\$427.1	\$539.3	\$1,203.3	\$3,404.2
TOTAL MTA Bus Company	\$0.0	\$77.1	\$249.6	\$289.4	\$36.5	\$186.6	\$839.2
TOTAL MTA Interagency	\$13.3	\$6.6	\$16.4	\$53.2	\$20.2	\$86.7	\$196.5
Core Subtotal	\$1,605.5	\$3,323.6	\$9,036.6	\$5,970.4	\$3,858.2	\$18,033.4	\$41,827.6
TOTAL Major Projects and Expansion	\$304.7	\$2,349.3	\$756.2	\$151.4	\$103.9	\$6,689.1	\$10,354.6
TOTAL 2020-2024 CPRB PROGRAM	\$1,910.2	\$5,672.9	\$9,792.8	\$6,121.8	\$3,962.1	\$24,722.4	\$52,182.3
TOTAL Bridges and Tunnels	\$49.0	\$218.7	\$449.1	\$686.7	\$273.0	\$1,144.7	\$2,821.2
TOTAL CBD Tolling Program	\$382.3	\$3.9	\$17.9	\$0.0	\$4.3	\$20.2	\$428.6
TOTAL 2020-2024 CAPITAL PROGRAM	\$2,341.5	\$5,895.6	\$10,259.7	\$6,808.5	\$4,239.4	\$25,887.3	\$55,432.0

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