

Appendix C:

Proposed Passenger Rail Projects (2015-2040)



Amtrak Acela Locomotive

Source: Amtrak

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Table C-1: SEPTA Project List

| Project Number | Project Description | Estimated Cost (2015 dollars) | County | PennDOT District |
|----------------|--|-------------------------------|--------------|------------------|
| 15407 | Modernize Villanova Station | \$30.6 | Delaware | 6 |
| 59973 | Upgrade and replace the Authority's utility fleet and automotive service fleet. SEPTA utility vehicles support transit and railroad operations. | \$9.8 | Multi-county | 6 |
| 59973 | Upgrade and replace the Authority's utility fleet and automotive service fleet. SEPTA utility vehicles support transit and railroad operations | \$13.7 | Multi-county | 6 |
| 60255 | Signal Modernization | \$34.2 | Multi-county | 6 |
| 60540 | Gwynedd Valley Station | \$3.0 | Montgomery | 6 |
| 60540 | Lansdale Station Garage | \$20.0 | Montgomery | 6 |
| 60540 | North Wales Station Improvements | \$3.0 | Montgomery | 6 |
| 60540 | Philmont Station Improvements | \$3.0 | Montgomery | 6 |
| 60540 | Fern Rock Transportation Center Complex | \$77.5 | Montgomery | 6 |
| 60540 | Manayunk/Norristown Regional Rail Line Parking Expansion (Conshohocken and other stations) | \$27.5 | Montgomery | 6 |
| 60540 | Noble Station Improvements | \$53.0 | Montgomery | 6 |
| 60574 | Paoli Transportation Multi-Modal Center | \$56.0 | Chester | 6 |
| 60582 | SEPTA system wide Vehicle Overhaul Program provides for the systematic replacement or upgrade of systems on SEPTA's rolling stock. | \$117.3 | Multi-county | 6 |
| 60582 | SEPTA system wide Vehicle Overhaul Program provides for the systematic replacement or upgrade of systems on SEPTA's rolling stock | \$178.0 | Multi-county | 6 |
| 60611 | New Payment Technologies (NPT) Project: Provide single electronic fare payment system for entire SEPTA transportation network | \$66.3 | Multi-county | 6 |
| 60636 | Wawa Extension: Three mile restoration of rail service from the existing Media/Elwyn Regional Rail Line terminus at Elwyn, Delaware County, to a new terminus in Wawa, Delaware County | \$127.2 | Delaware | 6 |
| 60638 | Regional Rail Bi-Level Car & Locomotive Acquisition | \$235.0 | Multi-county | 6 |
| 60638 | Regional Rail Silverliner IV Replacement | \$1,103.0 | Multi-county | 6 |
| 60651 | Bethayres Substation Improvement | \$12.9 | Bucks | 6 |
| 60651 | Chestnut Hill East Substation Improvement | \$7.7 | Bucks | 6 |

Table C-1: SEPTA Project List, cont.

| Project Number | Project Description | Estimated Cost (2015 dollars) | County | PennDOT District |
|----------------|--|-------------------------------|--------------|------------------|
| 60651 | Hatboro Substation Improvement | \$7.7 | Delaware | 6 |
| 60651 | Lansdale Substation Improvement | \$11.0 | Montgomery | 6 |
| 60651 | Lenni/Morton Substation Improvement | \$20.1 | Montgomery | 6 |
| 60651 | Wayne Junction Static Frequency Converters | \$50.0 | Philadelphia | 6 |
| 60651 | Wood Substation Improvements | \$27.5 | Philadelphia | 6 |
| 60651 | 18th/12th/Portal Substation Improvement | \$7.0 | Philadelphia | 6 |
| 60651 | Ambler Substation Improvement | \$11.5 | Montgomery | 6 |
| 60651 | Brill Substation Improvement | \$12.8 | Philadelphia | 6 |
| 60651 | Doylestown Substation Improvement | \$8.8 | Bucks | 6 |
| 60651 | Jenkintown Substation Improvement | \$42.2 | Montgomery | 6 |
| 60651 | Neshaminy Substation Improvement | \$10.8 | Bucks | 6 |
| 60651 | Wayne Junction Static Frequency Converters | \$50.0 | Philadelphia | 6 |
| 60651 | Yardley Substation Improvements | \$10.8 | Bucks | 6 |
| 60655 | Levittown Intermodal Facility Improvements | \$30.0 | Bucks | 6 |
| 73214 | Ardmore Transportation Center (Phase I) | \$4.1 | Montgomery | 6 |
| 77183 | Conshohocken Station Improvements | \$15.0 | Delaware | 6 |
| 77183 | East Falls Station Improvements | \$19.5 | Montgomery | 6 |
| 77183 | Jenkintown Station High Level Platforms | \$25.3 | Montgomery | 6 |
| 77183 | Secane Station Improvements | \$23.1 | Montgomery | 6 |
| 77183 | Willow Grove Station Improvements | \$6.5 | Philadelphia | 6 |
| 77183 | Devon Station Improvements | \$20.0 | Chester | 6 |
| 77183 | Hatboro Station Improvements | \$6.5 | Montgomery | 6 |
| 77183 | Lawndale Station Improvements | \$11.5 | Philadelphia | 6 |
| 77183 | Marcus Hook Station Improvements | \$22.5 | Delaware | 6 |
| 77183 | Roslyn Station Improvements | \$6.5 | Montgomery | 6 |
| 77183 | Wyndmoor Station Improvements | \$19.5 | Montgomery | 6 |
| 77183 | Wynnewood Station Improvements | \$20.0 | Montgomery | 6 |
| 77183 | Yardley Station Improvements | \$5.5 | Bucks | 6 |
| 93588 | Exton Station: High-level platforms, station building, bus circulation loops, and multi-level parking garage | \$56.3 | Chester | 6 |



Table C-1: SEPTA Project List, cont.

| Project Number | Project Description | Estimated Cost (2015 dollars) | County | PennDOT District |
|----------------|---|-------------------------------|--------------|------------------|
| 95402 | Chestnut Hill West Regional Rail Line 7 Bridges | \$35.0 | Delaware | 6 |
| 95402 | Chestnut Hill West Regional Rail Line Bridge 0.35 Replacement | \$7.6 | Delaware | 6 |
| 95402 | Media/Elwyn Line Crum Creek Viaduct Replacement | \$77.5 | Multi-county | 6 |
| 95402 | Media/Elwyn Regional Rail Line Viaduct Improvements (Cobbs Creek, Darby Creek, Ridley Creek Viaducts) | \$43.3 | Philadelphia | 6 |
| 95402 | Regional Rail Line Stone Arch Bridges | \$8.8 | Philadelphia | 6 |
| 95402 | Chestnut Hill East Regional Rail Line 5 Bridges | \$30.0 | Philadelphia | 6 |
| 95402 | Regional Rail Bridges between 30th Street Station and Suburban Station over Schuylkill River | \$56.0 | Philadelphia | 6 |
| 98235 | West Trenton Line Third Track Project: Reduce congestion by separating SEPTA service from CSX freight rail service on the West Trenton Line | \$38.8 | Bucks | 6 |
| 102565 | Regional Rail Special Works Program | \$2.0 | Multi-county | 6 |
| 102565 | Norristown Regional Rail Line Third Track | \$32.3 | Montgomery | 6 |
| 102567 | Frazer Shop | \$6.8 | Chester | 6 |
| 102567 | Overbrook Maintenance Facility | \$7.6 | Philadelphia | 6 |
| 102567 | Temple Station Roof Improvements | \$1.5 | Philadelphia | 6 |
| 102567 | Regional Rail Stations Roof Program | \$7.0 | Multi-county | 6 |
| 102569 | Boiler Program | \$1.1 | Multi-county | 6 |
| 102569 | Frazer Washer | \$3.4 | Multi-county | 6 |
| 102569 | Lift Program | \$10.0 | Multi-county | 6 |
| 102569 | Steel Wheel Lift Program | \$1.2 | Multi-county | 6 |
| 102569 | Storage Tank Program | \$1.3 | Multi-county | 6 |
| 102569 | Wheel Truing Program | \$15.0 | Multi-county | 6 |
| 102569 | Boiler Program | \$4.3 | Multi-county | 6 |
| 102569 | Lift Program | \$10.0 | Multi-county | 6 |
| 102569 | Overbrook Washer | \$3.2 | Philadelphia | 6 |
| 102569 | Pump Room Program | \$10.0 | Multi-county | 6 |
| 102569 | Steel Wheel Lift Program | \$4.7 | Multi-county | 6 |
| 102569 | Storage Tank Program | \$5.2 | Multi-county | 6 |
| 102569 | Washer Program | \$7.0 | Multi-county | 6 |
| 102571 | Arsenal Interlocking | \$27.0 | Bucks | 6 |

Table C-1: SEPTA Project List, cont.

| Project Number | Project Description | Estimated Cost (2015 dollars) | County | PennDOT District |
|--------------------|---|-------------------------------|--------------|------------------|
| 102571 | Beth Interlocking | \$14.0 | Multi-county | 6 |
| 102571 | CARD (Computer Aided Radio Dispatch) System Replacement | \$32.5 | Multi-county | 6 |
| 102571 | Real Time Information / Audio-Video Public Address System (AVPA) | \$26.5 | Philadelphia | 6 |
| 102573 | 30th Street to Arsenal Interlocking | \$4.3 | Delaware | 6 |
| 102573 | Arsenal Interlocking Design Catenary Improvements | \$0.5 | Philadelphia | 6 |
| 102573 | Media/Elwyn Line Catenary Improvements | \$10.7 | Philadelphia | 6 |
| 102573 | Wayne Junction Yard Catenary Improvements | \$1.3 | Philadelphia | 6 |
| 102573 | Chestnut Hill East Line Catenary Improvements | \$5.5 | Philadelphia | 6 |
| 102573 | Fox Chase Line Catenary Improvements | \$2.8 | Philadelphia | 6 |
| 102573 | System-Wide Catenary Feeder Lines | \$7.0 | Multi-county | 6 |
| 103626 | Flood Mitigation at Jenkintown (Resiliency Program) | \$19.9 | Montgomery | 6 |
| 103626 | Manayunk/Norristown Line Shoreline Stabilization (Resiliency Program) | \$6.0 | Montgomery | 6 |
| 103626 | Railroad Embankment/Slope Stability at Media, Mainline, Limekiln, Ardsley and Chestnut Hill East Cuts Resiliency Program (Resiliency Program) | \$25.0 | Multi-county | 6 |
| 103626 | Railroad Signal Power Reinforcement (Resiliency Program) | \$42.7 | Multi-county | 6 |
| 103626 | Ancillary Control Center (Resiliency Program) | \$12.0 | Multi-county | 6 |
| N/A | Positive Train Control (PTC)* | \$72.8 | Multi-county | 6 |
| N/A | Rail Yard Storage Expansion Program* | \$34.5 | Multi-county | 6 |
| SEPTA Total | | \$3,516.2 | | |



Table C-2: Amtrak Project List

| Project Number | Project Description | Estimated Cost (2015 dollars) | County | PennDOT District |
|--------------------------|---|-------------------------------|--------------|------------------|
| Keystone Corridor | | | | |
| C.EN.100046 | Bryn Mawr Interlocking Turnout Replacement | \$1.0 | Delaware | 6 |
| C.EN.100127 | Public Grade Crossing Elimination | \$0.4 | Multi-county | 6, 8 |
| C.EN.100142 | 12kv Substation Breakers | \$3.0 | Multi-county | 6, 8 |
| C.EN.100282 | Culverts | \$1.8 | Multi-county | 6, 8 |
| C.EN.100307 | Signal Power Upgrades | \$1.1 | Multi-county | 6, 8 |
| C.EN.100347 | Safe Harbor Frequency Converter Upgrade | \$13.7 | Lancaster | 8 |
| C.EN.100416 | State Interlocking Renewal (Harrisburg) | \$43.0 | Dauphin | 8 |
| C.EN.100417 | Mount Joy Station Improvements | \$30.0 | Lancaster | 8 |
| C.EN.100663 | Conestoga Step-up Yard Replace Transformer | \$9.5 | Lancaster | 8 |
| C.EN.100751 | Zoo-44th St Interlocking Reconfiguration | \$25.3 | Philadelphia | 6 |
| C.EN.100793 | Cynwyd / Paxton Interlocking Renewal | \$3.0 | Montgomery | 6 |
| C.EN.100885 | PA067.85 Lititz Pike Bridge Catenary Improvements | \$0.3 | Lancaster | 8 |
| C.EN.100891 | New Middletown Station | \$32.0 | Dauphin | 8 |
| C.EN.100892 | Interlocking Improvements Design | \$0.2 | Multi-county | 6, 8 |
| C.EN.100894 | Exton New High Level Platform Station | \$2.0 | Chester | 6 |
| C.EN.100898 | PA080.03 Marietta St Bridge Catenary Improvements | \$0.3 | Lancaster | 8 |
| C.EN.101171 | Royalton Sub 71 Transformer Installation | \$0.9 | Dauphin | 8 |
| C.EN.101173 | Catenary Pole Replacement | \$2.3 | Multi-county | 6, 8 |
| C.EN.101185 | Transmission Line | \$0.4 | Multi-county | 6, 8 |
| C.EN.101248 | Static Wire Installation | \$0.5 | Multi-county | 6, 8 |
| C.EN.101312 | PA002.88 41St Catenary Improvements | \$1.0 | Philadelphia | 6 |
| C.EN.101355 | Manhole Covers | \$0.1 | Multi-county | 6, 8 |
| C.EN.101386 | Harrisburg Sub 72 Transformer Installation | \$1.0 | Dauphin | 8 |
| C.EN.101392 | Conestoga Frequency Control House Design | \$0.3 | Lancaster | 8 |
| C.EN.101395 | Witmer Sub 68 Transformer Installation | \$1.0 | Lancaster | 8 |
| C.EN.101396 | Kinzer Sub 67 Transformer Installation | \$1.0 | Lancaster | 8 |
| C.EN.101397 | Landisville Sub 69 Transformer Installation | \$1.9 | Lancaster | 8 |
| C.EN.101398 | Parkesburg Sub 66 Transformer Installation | \$1.0 | Chester | 6 |
| C.EN.101401 | Catenary Hardware Renewal | \$4.0 | Multi-county | 6, 8 |

Table C-2: Amtrak Project List, cont.

| Project Number | Project Description | Estimated Cost (2015 dollars) | County | PennDOT District |
|-----------------------|--|-------------------------------|--------------|------------------|
| C.EN.101404 | Royalton Sub 71 Transformer Installation #2 | \$1.8 | Dauphin | 8 |
| C.EN.101405 | Thorndale Sub 65 Transformer Installation | \$1.9 | Chester | 6 |
| C.EN.101406 | Frazer Sub 64 Transformer Installation | \$1.0 | Chester | 6 |
| C.EN.101407 | Paoli Sub 4 Transformer Installation | \$1.0 | Chester | 6 |
| C.EN.101412 | Substation Upgrades | \$0.9 | Multi-county | 6, 8 |
| C.EN.101413 | Catenary Hardware Renewal | \$0.9 | Multi-county | 6, 8 |
| C.EN.101425 | Communications Shelter Backup Power | \$0.2 | Multi-county | 6, 8 |
| C.EN.101467 | Rheems Sub 70 Transformer Installation | \$1.9 | Lancaster | 8 |
| C.EN.101484 | Wynnfield Interlocking Renewal | \$11.5 | Philadelphia | 6 |
| C.EN.101488 | Paoli Interlocking Renewal | \$31.0 | Chester | 6 |
| C.EN.201264 | Zoo-Paoli Catenary Pole Design | \$3.0 | Philadelphia | 6 |
| C.EV.100013 | Lancaster PA Mail Tun Ground Water Mitigation | \$0.1 | Lancaster | 8 |
| N/A | Harrisburg ADA Improvements (Elevator & High Level Platforms)* | \$11.5 | Dauphin | 8 |
| N/A | New "Potts" Interlocking (Including Glen 103 Switch Removal & Retire Downs Interlocking) * | \$23.4 | Chester | 6 |
| N/A | New Cab No-Wayside Signal System Paoli To Zoo * | \$17.5 | Multi-county | 6 |
| N/A | New Cab No-Wayside Signal System Park To Paoli* | \$17.5 | Chester | 6 |
| N/A | New Downingtown Station (Preliminary Engineering)* | \$35.0 | Chester | 6 |
| N/A | New Coatesville Station (Preliminary Engineering)* | \$40.0 | Chester | 6 |
| N/A | New "Villa" & "Nova" Interlockings Bracketing Villanova Station (To Replace Bryn Mawr Interlocking)* | \$82.2 | Montgomery | 6 |
| N/A | New Bailey Interlocking (Retires Thorn / Caln)* | \$46.6 | Chester | 6 |
| N/A | SEPTA Cynwyd Connection (Includes 52nd Street Bridge Rehabilitation)* | \$9.0 | Philadelphia | 6 |
| N/A | Benders Road Private Grade Crossing Closure* | \$1.5 | Lancaster | 8 |
| Keystone Total | | \$521.4 | | |
| NEC Corridor | | | | |
| C.EN.100039 | 30th Street Station Facade Repair | \$73.0 | Philadelphia | 6 |
| C.EN.100042 | Lamokin Transformer Breakers Renewal | \$6.7 | Delaware | 6 |
| C.EN.100044 | Richmond Frequency Circuit Breakers | \$6.5 | Philadelphia | 6 |
| C.EN.100090 | Phl-Wil Catenary Structure Replacement | \$2.7 | Delaware | 6 |



Table C-2: Amtrak Project List, cont.

| Project Number | Project Description | Estimated Cost (2015 dollars) | County | PennDOT District |
|----------------|---|-------------------------------|--------------|------------------|
| C.EN.100091 | Phil Subdiv Catenary Pole Replacement | \$2.7 | Philadelphia | 6 |
| C.EN.100096 | Phil Subdiv Interlocking Remote Terminal Unit Replacement | \$0.5 | Philadelphia | 6 |
| C.EN.100159 | NY DIV Catenary Pole | \$4.0 | Multi-county | 6 |
| C.EN.100173 | NY DIV Concrete Ties Replacement | \$9.5 | Multi-county | 6 |
| C.EN.100204 | MAD North Hot Box Detector Replacement | \$0.5 | Multi-county | 6 |
| C.EN.100213 | 30th Street Station Fire Alarm System | \$1.0 | Philadelphia | 6 |
| C.EN.100230 | NY DIV West Joint Elimination | \$4.8 | Multi-county | 6 |
| C.EN.100260 | MAD North Signal Bridge Upgrade | \$5.3 | Multi-county | 6 |
| C.EN.100269 | Wash-New York Sys Undercutting | \$202.3 | Multi-county | 6 |
| C.EN.100276 | Morris-Holmes Catenary Upgrades | \$1.3 | Delaware | 6 |
| C.EN.100324 | MAD S Substation Control House Upgrades | \$0.9 | Multi-county | 6 |
| C.EN.100362 | MAD Turnout Replacement | \$17.9 | Multi-county | 6 |
| C.EN.100379 | MAD Bridge Timber Replacement | \$6.5 | Multi-county | 6 |
| C.EN.100627 | 30th Street Station Elevator Replacement | \$21.4 | Philadelphia | 6 |
| C.EN.100679 | South Penn Interlocking Renewal | \$9.6 | Philadelphia | 6 |
| C.EN.100689 | NY DIV Spot Renew Pads, Clips, and Insulators | \$1.1 | Multi-county | 6 |
| C.EN.100702 | 30th Street Station Emergency Generator | \$0.2 | Philadelphia | 6 |
| C.EN.100794 | SEPTA Stations Intertrack Fence | \$0.6 | Multi-county | 6 |
| C.EN.100837 | 30th Street Station HVAC Control Upgrade | \$7.1 | Philadelphia | 6 |
| C.EN.100857 | NY DIV Concrete Tie Replacement | \$10.0 | Multi-county | 6 |
| C.EN.100873 | 30th St Station Block Ties | \$5.7 | Philadelphia | 6 |
| C.EN.100954 | Mid-Atlantic Div Concrete Tie Replacement | \$215.8 | Multi-county | 6 |
| C.EN.100994 | Mid-Atlantic Interlocking Steel Renewal | \$22.1 | Multi-county | 6 |
| C.EN.100995 | NY DIV Non-NJT Territory Joint Elimination | \$1.5 | Multi-county | 6 |
| C.EN.101002 | NY DIV Non-NJT Territory Insulated Joint | \$1.5 | Multi-county | 6 |
| C.EN.101003 | Mid-Atlantic Tie / Timber Replacement | \$64.7 | Multi-county | 6 |
| C.EN.101099 | NY DIV NJT Territory-Joint Elimination | \$1.4 | Multi-county | 6 |
| C.EN.101100 | MAD Concrete Tie Replacement | \$12.6 | Multi-county | 6 |
| C.EN.101101 | Mid-Atlantic Div Insulation Joints | \$7.9 | Multi-county | 6 |
| C.EN.101102 | Mid-Atlantic Surfacing Program | \$54.1 | Multi-county | 6 |

Table C-2: Amtrak Project List, cont.

| Project Number | Project Description | Estimated Cost (2015 dollars) | County | PennDOT District |
|----------------|--|-------------------------------|--------------|------------------|
| C.EN.101118 | Mid-Atlantic Div Drainage Upgrades | \$10.6 | Multi-county | 6 |
| C.EN.101122 | Mid-Atlantic Joint Elimination | \$22.1 | Multi-county | 6 |
| C.EN.101140 | Sub 32 to Sub 34 Signal Power System Upgrades | \$0.9 | Multi-county | 6 |
| C.EN.101183 | Mid-Atlantic Division Spot Undercutting | \$20.2 | Multi-county | 6 |
| C.EN.101186 | Philadelphia Subdiv Install Static Wire | \$0.5 | Philadelphia | 6 |
| C.EN.101187 | Philadelphia Subdiv Transmission Line | \$0.2 | Philadelphia | 6 |
| C.EN.101221 | 30th Street Station Construction Upgrades | \$36.4 | Philadelphia | 6 |
| C.EN.101244 | MAD Tunnel Construction & Upgrades | \$2.4 | Multi-county | 6 |
| C.EN.101245 | NY DIV Retaining Wall Upgrades | \$10.3 | Multi-county | 6 |
| C.EN.101249 | MAD Retaining Wall Upgrades | \$9.3 | Multi-county | 6 |
| C.EN.101259 | MAD Undergrade Bridge Upgrades | \$46.9 | Multi-county | 6 |
| C.EN.101262 | NY DIV Undergrade Bridge Upgrades | \$31.8 | Multi-county | 6 |
| C.EN.101263 | Mid Atlantic Division Culvert Upgrades | \$10.1 | Multi-county | 6 |
| C.EN.101280 | Clearfield Interlocking Renewal | \$6.9 | Philadelphia | 6 |
| C.EN.101283 | Lehigh Interlocking Renewal | \$16.4 | Philadelphia | 6 |
| C.EN.101298 | Hook Interlocking Turnout Renewal | \$6.2 | Delaware | 6 |
| C.EN.101299 | Baldwin Interlocking Turnout Renewal | \$3.4 | Delaware | 6 |
| C.EN.101319 | South Penn Interlocking C&S Upgrades Design | \$0.3 | Philadelphia | 6 |
| C.EN.101320 | North Penn Interlocking-C&S Upgrades Design | \$0.3 | Philadelphia | 6 |
| C.EN.101326 | MAD North Convert Track Circuits to 562 | \$2.5 | Multi-county | 6 |
| C.EN.101329 | Mid-Atlantic Div C&S Interlocking Upgrades | \$2.0 | Multi-county | 6 |
| C.EN.101331 | South Penn Interlocking C&S Upgrades | \$8.5 | Philadelphia | 6 |
| C.EN.101332 | North Penn Interlocking C&S Upgrades | \$3.0 | Philadelphia | 6 |
| C.EN.101340 | Mid-Atlantic Div Event Recorders Upgrades | \$0.2 | Multi-county | 6 |
| C.EN.101348 | MAD Renew Pads, Clips, and Insulators | \$1.3 | Multi-county | 6 |
| C.EN.101356 | MAD Install Secure Manhole Covers | \$0.5 | Multi-county | 6 |
| C.EN.101359 | Mid-Atlantic Div Communications Equipment Houses | \$0.3 | Multi-county | 6 |
| C.EN.101361 | MAD Ride Quality Improvements | \$62.5 | Multi-county | 6 |
| C.EN.101362 | New York Div Ride Quality Improvement Program | \$4.7 | Multi-county | 6 |
| C.EN.101382 | PA014.28 Lloyd St Catenary Improvements | \$0.1 | Delaware | 6 |



Table C-2: Amtrak Project List, cont.

| Project Number | Project Description | Estimated Cost (2015 dollars) | County | PennDOT District |
|---------------------|---|-------------------------------|--------------|------------------|
| C.EN.101393 | Lamokin Sub 11 Transformer Installation | \$1.8 | Delaware | 6 |
| C.EN.101402 | Philadelphia Subdiv Catenary | \$0.9 | Philadelphia | 6 |
| C.EN.101408 | Philadelphia Subdiv Substation Upgrades | \$1.8 | Philadelphia | 6 |
| C.EN.101410 | Philadelphia Subdiv Substation Upgrades | \$1.1 | Philadelphia | 6 |
| C.EN.101421 | Mid-Atlantic North C&S Cable Replacement | \$0.3 | Multi-county | 6 |
| C.EN.101426 | MAD Communications Shelter Alarm System Upgrades | \$0.2 | Multi-county | 6 |
| C.EN.101436 | Hook Interlocking Upgrade to Microlok 2 | \$5.2 | Delaware | 6 |
| C.EN.101440 | Holmes Interlocking C&S Upgrades | \$2.0 | Philadelphia | 6 |
| C.EN.101465 | Mid-Atlantic Div-352 Signal Power Breaker | \$0.6 | Multi-county | 6 |
| C.EN.101470 | MAD North Signal Bridge Fall Protection | \$1.5 | Multi-county | 6 |
| C.EN.101473 | Mid-Atlantic Division Support Facilities / Track Rehabilitation | \$4.2 | Multi-county | 6 |
| C.EN.101475 | Sub Frankford Sub 30 Transformer Installation | \$1.0 | Philadelphia | 6 |
| C.EN.101476 | Sub Edgely Sub 33 Transformer Installation | \$1.0 | Bucks | 6 |
| C.EN.101479 | Sub Cornwells Sub 32 Transformer Installation | \$1.0 | Bucks | 6 |
| C.EN.101480 | Ballast Mid-Atlantic Division - Shoulder Cleaning Program | \$1.0 | Multi-county | 6 |
| C.EN.101486 | Ballast New York Division - Shoulder Cleaning Program | \$1.0 | Multi-county | 6 |
| C.EN.101498 | Sub Bellevue Sub 12 Transformer Installation | \$1.0 | Bucks | 6 |
| C.EN.101499 | Holmes Interlocking Renewal | \$17.0 | Philadelphia | 6 |
| C.EN.201274 | MAD Transmission Breaker Design | \$1.2 | Multi-county | 6 |
| C.SP.100022 | 30th Street Station Signage | \$1.6 | Philadelphia | 6 |
| C.SP.100033 | 30th Street Station Concourse & Facilities Upgrades | \$20.0 | Philadelphia | 6 |
| NEC Total | | \$1,169.6 | | |
| Amtrak Total | | \$1,691.0 | | |

Notes:

All costs shown in millions of dollars

Amtrak NEC Projects include division-wide work that extends beyond Pennsylvania.

Projects that are listed in the SEPTA Capital Plan as system-wide projects were pro-rated to the Regional Rail system based on historic data.

NY DIV= New York Division

MAD DIV= Mid-Atlantic Division

C&S = Communications & Signals

Sources: Amtrak Five Year Capital Plan, SEPTA Capital Plan, PennDOT

*Not included in Amtrak Five Year Capital Plan or SEPTA Capital Plan

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