

SEPTA Projects Funded Under Senate Bill 1

Transit System	County	Project Name/Description	Total Project Cost (Millions)
SEPTA	Montgomery	Jenkintown Substation - Construction of a new Traction Power Substation to replace the 80+ year old Jenkintown Substation of the former Reading Railroad System. The new substation will include modern indoor switchgear, state-of-the-art industry standard safety systems; communication systems and relay protection systems. Design complete.	\$39.20
SEPTA	Montgomery	Rehabilitation of NHSL Viaduct over Schuylkill River - The viaduct, constructed in 1911, is 3,165 feet long and runs from Bridgeport Station to the Norristown Transportation Center. Design	\$19.90
SEPTA	Delaware	Replacement of Media/Elwyn Regional Rail Line Crum Creek Viaduct. The viaduct spans 925 feet and at its greatest height, is over 100 feet above grade. The viaduct was constructed circa 1895. Includes A/E preliminary engineering (Performance SPEC) and construction design/build	\$58.40
SEPTA	Montgomery	RRD Stone Arch Bridge Program - Lansdale 13.10 (BA, Condition 4, 8' Span)	\$0.61
SEPTA	Montgomery	RRD Stone Arch Bridge Program - West Trenton 12.38 (SA, Condition 5, 10' Span)	\$0.61
SEPTA	Bucks	RRD Stone Arch Bridge Program - West Trenton 20.21 (SA, Condition 5, 12' Span)	\$0.61
SEPTA	Delaware	RRD Stone Arch Bridge Program - Media 12.12 (SA, Condition 4, 15' Span)	\$0.61
SEPTA	Philadelphia	RRD Stone Arch Bridge Program - Norristown 4.61 (SA, Condition 4, 10' Span)	\$0.61
SEPTA	Montgomery	RRD Stone Arch Bridge Program - Norristown 16.88 (SA, Condition 6, 22' Span)	\$0.61
SEPTA	Philadelphia	RRD Stone Arch Bridge Program - Norristown 9.41 (SA, Condition 5, 20' Span)	\$0.61
SEPTA	Philadelphia	RRD Stone Arch Bridge Program - Norristown 9.93 (SA, Condition 5, 6' Span)	\$0.61
SEPTA	Montgomery	RRD Stone Arch Bridge Program - Lansdale 22.93 (SA, Condition 5, 15' Span)	\$0.61
SEPTA	Delaware	Media/Elwyn Regional Rail Line - Replacement of Bridge Timbers Viaducts - M.P. 7.11 Darby Creek Viaduct (Spans 339 feet)	\$2.05
SEPTA	Delaware	Media/Elwyn Regional Rail Line - Replacement of Bridge Timbers Viaducts - M.P. 4.79 Cobbs Creek Viaduct (Spans 377 feet)	\$2.05
SEPTA	Montgomery	Frontier Bus Garage Paving - Rehabilitate apron paving at Frontier. To correct settlement and paving condition issues and includes milling and repaving the asphalt surfaces. Construction Phase only – Design complete.	\$1.30
SEPTA	Philadelphia	Fern Rock Carhouse Washer Roof Replacement - Replacement and upgrade of existing roof with new 5 Ply Coal Tar Build-up Roofing System. Includes replacement of mechanical equipment and electrical connections. Construction Phase only. In-house design underway	\$4.50
SEPTA	Philadelphia	Roberts Ave. Carhouse Roof - Roof replacements at Roberts Ave. Car Shop #2. Construction Phase only – design complete.	\$0.60

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SEPTA	Philadelphia	Woodland Rail Shop Roof Replacement - Replacement and upgrade of existing roof with new 5 Ply Coal Tar Build-up Roofing System. Includes replacement of roof-mounted HVAC equipment; and re-caulking and painting of the exterior walls of the building. Construction Phase only –	\$5.80
SEPTA	Philadelphia	Callowhill Bus Garage Roof Replacement - Replacement and upgrade of existing roof with new 5 Ply Coal Tar Build-up Roofing System. Design complete.	\$10.30
SEPTA	Philadelphia	Berridge Bus Maintenance Facility Roof Replacement - Replacement and upgrade of existing roof with new 5 Ply Coal Tar Build-up Roofing System. Includes replacement of mechanical equipment and electrical connections for the Bus Maintenance Facility and 2nd & Wyoming Ave.	\$11.40
SEPTA	Montgomery	Ambler Substation - Overhaul of Ambler Substation on the Lansdale Regional Rail Line. Work includes new transformer, trolley breakers, feeder, substation switchgear and protective relaying. This project will replace the major power components of the substation that are 80+ years old. Construction Phase only – design complete.	\$9.20
SEPTA	Montgomery	Frontier District Emergency Generators - Installation of emergency generators, to provide back-up emergency power, at Victory, Frontier, Southern, Midvale & Jenkintown Track. Construction Phase only – design complete.	\$0.70
SEPTA	Philadelphia	Southern District Emergency Generators - Installation of emergency generators, to provide back-up emergency power, at Victory, Frontier, Southern, Midvale & Jenkintown Track. Construction Phase only – design complete.	\$0.70
SEPTA	Delaware	Victory District Emergency Generators - Installation of emergency generators, to provide back-up emergency power, at Victory, Frontier, Southern, Midvale & Jenkintown Track. Construction Phase only – design complete.	\$0.70
SEPTA	Philadelphia	Midvale District Emergency Generators - Installation of emergency generators, to provide back-up emergency power, at Victory, Frontier, Southern, Midvale & Jenkintown Track. Construction Phase only – design complete.	\$0.70
SEPTA	Montgomery	Jenkintown Track Emergency Generators - Installation of emergency generators, to provide back-up emergency power, at Victory, Frontier, Southern, Midvale & Jenkintown Track. Construction Phase only – design complete.	\$0.70
SEPTA	Philadelphia	Allegheny Bus Garage Fire Suppression - Replacement and upgrade of existing fire sprinkler system at Allegheny Garage. Includes fast-track GEC design and construction phases.	\$3.00
SEPTA	Philadelphia	Woodland Rail Shop Fire Suppression - Replacement and upgrade of existing fire sprinkler system at Woodland Rail Shop. Includes fast-track GEC design and construction phases.	\$2.00
	Philadelphia	Broad Street Subway Radiax Cable Replacement - Macro Engineering.	\$11.80
SEPTA	Delaware	MacDade Blvd Rt. 102 Grade Crossing Improvements - Safety Improvements at seven (7) Grade Crossings on the Rt. 102 trolley including. Includes fast-track GEC design and construction.	\$0.47
SEPTA	Delaware	Andrews Ave Rt. 102 Grade Crossing Improvements - Safety Improvements at seven (7) Grade Crossings on the Rt. 102 trolley including. Includes fast-track GEC design and construction.	\$0.47
SEPTA	Delaware	Bartram Ave Rt. 102 Grade Crossing Improvements - Safety Improvements at seven (7) Grade Crossings on the Rt. 102 trolley including. Includes fast-track GEC design and construction.	\$0.47
SEPTA	Delaware	Chestnut Street Rt. 102 Grade Crossing Improvements - Safety Improvements at seven (7) Grade Crossings on the Rt. 102 trolley including. Includes fast-track GEC design and	\$0.47

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SEPTA	Delaware	Walnut Street Rt. 102 Grade Crossing Improvements - Safety Improvements at seven (7) Grade Crossings on the Rt. 102 trolley including. Includes fast-track GEC design and construction.	\$0.47
SEPTA	Delaware	Broad Street Rt. 102 Grade Crossing Improvements - Safety Improvements at seven (7) Grade Crossings on the Rt. 102 trolley including. Includes fast-track GEC design and construction.	\$0.47
SEPTA	Delaware	Spruce Street Rt. 102 Grade Crossing Improvements - Safety Improvements at seven (7) Grade Crossings on the Rt. 102 trolley including. Includes fast-track GEC design and construction.	\$0.47
SEPTA	Delaware	Media-Sharon Hill Substation at Clifton - Replacement of existing rectifier-transformer at Clifton Substation with new 3-phase rectifier-transformer with DC output at 650 Volts. Work includes new DC/AC switchgear, relay protection, new batteries and battery charging system.	\$3.30
SEPTA	Delaware	Elwyn to Wawa Rail Restoration R2 Bridges (Phase II) - Restoration of rail service from Elwyn Station to a newly constructed station at Wawa on the Media/Elwyn Regional Rail Line. Improvements include new track, bridges, catenary and structures. Construction Phase only –	\$58.20
SEPTA	Bucks	Levittown Station Reconstruction - Advancement of inter-modal station improvements at Levittown Station on the Trenton Regional Rail Line including full ADA accessibility, overpass, high-level platforms, elevators, and parking expansion. Design complete.	\$26.70
SEPTA	Delaware	69 th St. Parking Garage - Construction of a 425 space parking garage including improvements to pedestrian connections at 69th St. Terminal. Project Budget - SEPTA is also evaluating public private partnerships (P3) options to advance this project.	\$22.40
SEPTA	Philadelphia	Margaret-Orthodox Station MFSE - Accessibility Improvements at Margaret-Orthodox Station. Design complete.	\$25.90
SEPTA	Chester	Exton Station High Level Platforms - Construction of high level platforms and station building at Exton Station on the Paoli-Thorndale Regional Rail Line. Design underway.	\$16.80
SEPTA	Philadelphia	RRD CHW Bridge 0.35 - Rehabilitation of CHW Bridge 0.35 over SEPTA's Main Line. Bridge was constructed in 1916 Design complete.	\$7.60
SEPTA	Delaware	Lenni Substation - Overhaul of Lenni Substation on Media/Elwyn Regional Rail Line. Work includes new transformer, trolley breakers, feeder, substation switchgear and protective relaying. This project will replace the major power components of the substation that was originally built in the 1920's. Construction Phase only – design complete. Work split 65% Delaware County and	\$9.80
SEPTA	Philadelphia	Powelton Yard Switch Heaters - Installation of new switch heaters (snow melters) in Powelton Yard. Construction Phase only – design complete.	\$3.30
SEPTA	Philadelphia	Market Street Subway Radiax Cable Replacement and upgrades to CARD System - Installation of new radiax cables and bi-directional amplifiers in remaining sections of the Market Street Subway and upgrades to the current CARD System to improve radio communications with Green Line Trolleys operating in the tunnel. Design has been completed by Macro Engineering.	\$12.60
SEPTA	Philadelphia	Radio Equipment Interoperability - Installation of new radio equipment in the Market-Frankford Line, Green Line, Broad Street Subway, and Railroad Tunnels. Design has been completed by	\$9.00
SEPTA	Delaware	MSHL Trolley Signal/Interlocking Improvements - New trolley control system for the Routes 101 and 102 Trolley Lines. The system will include automatic enforcement of safe trolley separation and overspeed and roadway worker protection. Design underway.	\$33.00
SEPTA	Philadelphia	Erie Stations Broad Street Subway - ADA improvements	\$6.25

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SEPTA	Philadelphia	Snyder Station Broad Street Subway - ADA Improvements	\$6.25
SEPTA	Philadelphia	City Hall Station BSL -ADA Improvements	\$80.00
SEPTA	Philadelphia	5th Street Station MFL - ADA Improvements	\$10.00
SEPTA	Delaware	Paoli Regional Rail Line - Interlocking Improvements at multiple locations	\$10.00
SEPTA	Delaware	Secane Regional Rail Station Improvements	\$44.00
SEPTA	Philadelphia	Study Broad Street Subway Extension - Extension of the Broad Street Subway to provide service to the Philadelphia Navy Yard.	\$3.00
SEPTA	Delaware	Morton Substation - Overhaul of Morton Substation on Media/Elwyn Regional Rail Line. Work includes new transformer, trolley breakers, feeder, substation switchgear and protective relaying. This project will replace the major power components of the substation that was originally built in the 1920's. Construction Phase only – design complete.	\$9.80
SEPTA	Delaware	Elwyn to Wawa Rail Restoration R3 Station (Phase III) - Restoration of rail service from Elwyn Station to a newly constructed station at Wawa on the Media/Elwyn Regional Rail Line. Improvements include new station and a parking deck at Wawa. Station/Deck (Phase	\$33.20
SEPTA	Delaware	Villanova Station - Advancement of station improvements at Villanova Station on the Paoli–Thorndale Regional Rail Line including full ADA accessibility, new tunnel, high-level platforms and elevators. Design underway.	\$23.90
SEPTA	Delaware	Replacement of Bridge Timbers on Ridley Creek Viaduct (M.P. 14.41 - Replacement of bridge timbers, painting and miscellaneous steel repairs on the Ridley Creek Viaducts, which spans 641 feet, on the Media/Elwyn Regional Rail Line. Construction Phase only – In-house design.	\$4.10
SEPTA	Montgomery	RRD Glenside Cut – (at Limekiln Pike Overhead Bridge) - Stabilization of soil and rock slopes along the Glenside Cut approaching the Limekiln Pike Overhead Bridge. Work includes storm water control, erosion control and rock/slope stabilization. Includes fast-track GEC design and	\$5.00
SEPTA	Philadelphia	Southern Bus Garage Paving - Rehabilitate apron paving at Southern Bus Garage. To correct settlement and paving condition issues and includes milling and repaving the asphalt surfaces. Construction Phase only – design complete.	\$2.50
SEPTA	Delaware	NHSL Tie Replacement and CWR - Tie and timber renewal including surfacing, subgrade work, new third rail coverboard and new specialwork on the NHSL. Project Budget Construction Phase only – design complete.	\$26.40
SEPTA	Delaware	NHSL Sink Hole Mitigation & Slope Stability -Tie and timber renewal including surfacing, subgrade work, new third rail coverboard and new specialwork on the NHSL. Project Budget. Construction Phase only – design complete.	\$5.50