



# Appendix J: Long-Term Freight Rail Capital Project Funding Needs (2020-2040)

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**Railroad Bridge in Pittsburgh**

*Source: Southwestern Pennsylvania Commission*

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**Table J-1: Long-Term Freight Rail Capital Project Funding Needs (2020 - 2040)**

Railroad / Corridor	Project	FY Schedule	Estimated Cost (in millions of 2015 dollars)	Primary County	PennDOT District
<b>Class I Projects</b>					
<b>State of Good Repair</b>					
CSX/Southeast	25th Street Viaduct Improvement Project*	2015-2020	TBD	Philadelphia	6
NS/Crescent	North 25th Street Underpass under NS replacement	X	\$35.0	Lebanon	8
NS/Crescent	Colebrookdale Rail Spur Rehabilitation	X	\$10.0	Berks, Montgomery	6
NS/Crescent	Bridge Rehabilitation across the Main Stem of Susquehanna River	X	TBD	Snyder	3
NS/Main Line	Midland Track Stabilization	X	\$60.0	Beaver	11
NS/Main Line	Port Perry Bridge Rehabilitation / Replacement	X	\$35.0	Allegheny	11
NS/Main Line	SR 2087 over NS bridge eplacement/ rehabilitation*	2017-2022	\$1.5	Berks	5
NS/Main Line	Federal Street Bridge Replacement	2026-2035	TBD	Allegheny	11
NS/CSX/Erie	Millfair Road Railroad Overpass Project	X	\$0.5	Erie	1
<b>Subtotal</b>			<b>\$142.0</b>		
<b>System Enhancements</b>					
CSX/Southeast	Add dedicated freight track from Wilmington to Philadelphia	2026-2035	\$582.6	Delaware, Philadelphia	6
CSX/Southeast	Add second main track from CP Belmont to CP Arsenal on CSX High line / CSX Trenton line	2026-2035	\$202.2	Philadelphia	6
CSX/Southeast	Add second main track from Newtown Junction to CP Wood on CSX Trenton line	2026-2035	\$102.9	Bucks, Philadelphia	6
CSX/Southeast /NS Crescent	Construction of a dedicated freight rail line adjacent to SEPTA's Airport Line	X	\$40.0	Philadelphia	6

**Table J-1: Long-Term Freight Rail Capital Project Funding Needs (2020 - 2040), cont.**

Railroad / Corridor	Project	FY Schedule	Estimated Cost (in millions of 2015 dollars)	Primary County	PennDOT District
CSX/Southeast	Add second main track from Delaware State Line to CSX Trenton Line on CSX Philadelphia Subdivision	2026-2035	\$40.0	Delaware, Philadelphia	6
CSX/Southeast	Double-stack clearance at Art Museum Tunnel on CSX Philadelphia Subdivision	2026-2035	\$6.0	Philadelphia	6
CSX/Southeast	Double-stack clearance at Grays Ferry Avenue on CSX Schuylkill River line	2026-2035	\$4.0	Philadelphia	6
CSX/Southeast/NS Crescent	Keystone Industrial Port Complex (Morrisville Yard) rail improvements	2026-2035	\$32.0	Bucks	6
CSX/Southwest	CSX Rail Project Evans City	X	TBD	Butler	10
NS/Crescent	Track improvements: Abrams Yard to Morrisville Yard	2026-2035	\$80.0	Philadelphia	6
NS/Crescent	Entrance underpass bridge to NS Rutherford Yard replacement	X	\$30.0	Dauphin	8
NS/Crescent	Lemoine Connection	X	\$20.0	Cumberland	8
NS/Crescent	Navy Yard Rail Yard Expansion*	2014-2020	\$2.7	Philadelphia	6
NS/Crescent	Rutherford Yard expansion	2026-2035	TBD	Dauphin	8
NS/Crescent	Harrisburg Yard facility enhancements	2026-2035	TBD	Dauphin	8
NS/Main Line	Pittsburgh Double Stack Clearances	X	\$80.0	Allegheny	11
NS/Main Line	Car Rail Siding	X	\$11.0	Mercer	1
NS/Main Line	Greene County Airport Industrial Park Spur extension	X	\$1.8	Greene	12
NS/Main Line	Load-out area construction	2026-2035	TBD	Westmoreland	12
<b>Subtotal</b>			<b>\$1,235.2</b>		
<b>Safety Improvements</b>					
CSX/Southeast	Grade crossing separation at Main Street in Darby on CSX Philadelphia Subdivision	2020	\$8.3	Delaware	6
NS/Crescent	Grade Separated Crossing from SR 2005 in Ontelaunee to Lehigh County line	X	\$11.0	Berks	6



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Railroad / Corridor	Project	FY Schedule	Estimated Cost (in millions of 2015 dollars)	Primary County	PennDOT District
NS/Crescent	Automated Horn System at Lebanon City RR Crossings	X	\$8.0	Lebanon	8
NS/Crescent	New Bridge on Krick Lane	X	\$4.0	Berks	6
<b>Subtotal</b>			<b>\$31.3</b>		
<b>Class I Total</b>			<b>\$1,408.5</b>		
<b>Class II</b>					
<b>Expansion Projects</b>					
BPRR	Reactivate unused freight rail line between DuBois and Curwensville	X	\$30.00	Clearfield	2
<b>Subtotal</b>			<b>\$30.0</b>		
<b>Class II Total</b>			<b>\$30.0</b>		

**Table J-1: Long-Term Freight Rail Capital Project Funding Needs (2020 - 2040), cont.**

Railroad / Corridor	Project	FY Schedule	Estimated Cost (in millions of 2015 dollars)	Primary County	PennDOT District
<b>Class III/Short line</b>					
<b>State of Good Repair</b>					
DLRR	Marcellus Ties*	2016-2020	\$0.2	Lackawanna, Monroe	4, 5
DLRR	Green Initiatives: Auxiliary Power Units*	2016-2020	\$0.1	Lackawanna	4
PN	Track Speed Improvements	X	TBD	Bucks, Montgomery	6
POHC	Upgrade Alden Line	X	TBD	Allegheny, Washington	11, 12
SEDA JRA, LVR	Bridge No. 242.86 – Seven (7) Span Thru Truss	2022	\$2.0	Clinton, Lycoming	2, 3
SEDA JRA, MCIDC	MCIDC Plaza and Mifflin County Industrial Park Improvements	X	\$0.2	Mifflin	2
SEDA JRA, NBER	Bridge replacement	2023-2026	\$7.9	Clinton	2
SEDA JRA, NBER	Bridge No. 9.76 – Concrete Slab	2020	\$0.2	Blair, Centre, Clinton	2,11
SEDA JRA, NBER	Bridge No. 11.96 – Concrete Slab	2020	\$0.0	Blair, Centre, Clinton	2,9
SEDA JRA, NBER	Bridge No. 21.46 – Concrete Slab over Adams Creek	2020	\$0.0	Blair, Centre, Clinton	2,10
<b>Subtotal</b>			<b>\$10.6</b>		
<b>System Enhancements</b>					
Conrail	Vertical Clearance*	2014-2025	\$0.6	Philadelphia	6
DLRR	New Terminals - Marcellus	2020-2025	\$0.7	Lackawanna	4
DLRR	Double Track	2020-2025	\$0.4	Lackawanna	4



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DLRR	Marcellus New Terminals*	2016-2020	\$0.2	Lackawanna	4
DLRR	Safety - Marcellus / Steamtown	2020-2025	\$0.4	Lackawanna	4
EV	Infrastructure Upgrades	X	\$10.0	Blair	9
KJR	Schenley Industrial Park	X	\$1.0	Armstrong	10
PBL	Track Upgrade	X	TBD	Philadelphia	6
PN	New Interchange Points	X	TBD	Bucks, Montgomery	6
PN	Bethlehem Branch Improvements #1	X	TBD	Bucks, Montgomery	6
PN	Bethlehem Branch Improvements #2	X	TBD	Bucks, Montgomery	6
PN	Bethlehem Branch Improvements #3	X	TBD	Bucks, Montgomery	6
POHC	Line Upgrades	X	TBD	Allegheny, Washington	11, 12
POHC	Scully Yard Improvements	X	TBD	Allegheny, Washington	11, 12
SEDA JRA, LVR	Great Stream Commons Business Park Access	X	TBD	Clinton, Lycoming	2, 3
SEDA JRA, LVR	Rail Yard Capacity	X	\$1.6	Clinton, Lycoming	2, 3
SEDA JRA, NBER	Access Improvements to First Quality Tissue	X	\$0.5	Clinton	2
Various	Southwest PA Rail Rehabilitation Program	X	TBD	Fayette	12
WNYP	Double-Stack Clearance	X	TBD	Warren	1

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Railroad / Corridor	Project	FY Schedule	Estimated Cost (in millions of 2015 dollars)	Primary County	PennDOT District
WNYP	WNYP and BPRR Consolidation	X	TBD	Erie	1
YRC	Rail Replacement	X	\$5.7	York	8
YRC	Northwest Triangle Initiative	X	\$7.5	York	8
YRC	Expansion of Storage Capacity at DCP Midstream*	X	\$0.5	York	8
YRC	Upgrade 2 Storage Side Tracks and 3 turnouts*	X	\$0.3	York	8
<b>Subtotal</b>			<b>\$29.3</b>		
<b>Expansion Projects</b>					
KJR	Kiski Junction Railroad Extension	X	\$26.0	Armstrong	10
PN	Track Reactivation	X	TBD	Bucks, Montgomery	6
<b>Subtotal</b>			<b>\$26.0</b>		
<b>Safety Improvements</b>					
DLRR	286/310 Safety Upgrades	2020-2025	\$1.2	Lackawanna, Monroe	4, 5
DLRR	Highway	2020-2025	\$0.4	Monroe	5
DLRR	Safety - Marcellus: crossing & highway lights*	2016-2020	\$0.1	Lackawanna	4
DLRR	Safety: run-around*	2016-2020	\$0.1	Monroe	5
DLRR	Highway crossing surfaces*	2016-2020	\$0.1	Lackawanna	4
DLRR	Marcellus *	2016-2020	\$0.0	Lackawanna	4
LVPC	RR Warning Devices	X	\$7.4	Lehigh, Northampton	5
<b>Subtotal</b>			<b>\$9.3</b>		





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Railroad / Corridor	Project	FY Schedule	Estimated Cost (in millions of 2015 dollars)	Primary County	PennDOT District
<b>Class III/Short line Total</b>			<b>\$75.2</b>		
<b>Total 20-Year Freight Rail</b>			<b>\$1,513.7</b>		

Notes: Total represents only publicly known projects. Privately owned freight railroads are not required to disclose their capital improvement plans. The summed total represents only those projects for which a cost estimate is available. More than one-quarter of projects on this list do not have cost estimates, so the total should be regarded as a minimum amount.

'X' - projects that are currently not yet scheduled.

\* Projects with anticipated initiation date before 2020



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