



Investing in Passenger Rail for Economic Recovery

March 2020

Rail Passengers believes that intercity passenger rail and transit have an important role to play in getting our economy back on track. As Congress considers further phases of coronavirus response, we will be developing a list of shovel-ready rail projects that are able to move quickly if funding becomes available. These projects will get Americans back to work by creating construction and manufacturing. They are also investments in a better, more efficient U.S. transportation system that will return dividends for generations to come.

Amtrak Projects

	Federal Share	Total Project Cost	Amtrak FY20-FY25 Budgeted Amount	Remaining Federal Funds Needed	Location	Construction Start Date	Construction Duration (years)	Impacted Regions
Rolling Stock								
Amfleet I Replacement	\$2,000	\$2,000B	\$1,200B	\$800M				
NEC	\$900	\$900M	\$540M	\$360M	N/A	2020	5 to 10	Systemwide
State Supported	1,040	1,040B	\$624M	\$416M				
Long Distance	\$60	\$60M	\$36M	\$24M				
Superliner and Amfleet II Replacement	\$2,000	\$2,000B	—	\$2,000B	N/A	Mid-2020s	4 to 8	Systemwide





Diesel Locomotive Replacement (base order plus options)	Approx. \$1.500B	Approx. \$1.500B	\$469M (includes payments made to date)	Approx. \$1B	N/A	Underway	5 to 8	Systemwide
Additional Fleet for New Corridors (for FY21-FY25 routes)	\$510M	\$510M	—	\$510M	N/A	Mid-2020s	5 to 10	Systemwide
Additional Fleet for New Corridors (for FY26-FY35 routes)	Approx. \$3.500B	Approx. \$3.500B	—	Approx. \$3.500B	N/A	Mid-2020s	5 to 10	Systemwide
Bridges & Tunnels								
Portal North Bridge	\$977.0M	\$1.8B	\$325.0M	\$703.0M	Northern New Jersey	2020	6	Northeast, South & Midwest
East River Tunnel Rehab	\$250.0M	\$750.0M	\$556.0M	(\$153.0M)	New York, NY	2024	4	Northeast, South & Midwest





Hudson Tunnel Project	\$6.4B	\$12.7B	\$601.0M	\$6.0B	New Jersey/ New York	2019	11	Northeast, South & Midwest
Sawtooth Bridge	\$800.0M	\$1.6B	\$83.0M	\$717.0M	Northern New Jersey	2022	5	Northeast, South & Midwest
B&P Tunnel	\$3.6B	\$5.0B	\$357.0M	\$3.0B	Baltimore, MD	2020	12	Northeast, South & Midwest
Susquehanna River Bridge	\$1.4B	\$1.7B	\$251.0M	\$1.3B	Havre de Grace, MD	2024	6	Northeast, South & Midwest
Pelham Bay Bridge	\$410.0M	\$410.0M	\$35.0M	\$511.0M	New York, NY	2025	5	Northeast
Connecticut River Bridge	\$470.0M	\$660.0M	\$326.0M	\$214.5M	Old Saybrook, CT	2024	6	Northeast
Stations & Facilities								
Washington Union Station	\$3.5B	\$7.0B	\$135.6M	\$3.4B	Washington,	2025	11	Northeast, South &





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Expansion Project					D.C.			Midwest
Washington Union Station Near-Term Improvements	\$323.5M	\$323.5M	\$323.5M	—	Washington, D.C.	2018	8	Northeast, South & Midwest
Philadelphia Intermodal Station Connector	\$60.0M	\$60.0M	—	\$60.0M	Philadelphia, PA	2026	2	Northeast, South & Midwest
Baltimore Penn Station Concourse Expansion	\$70.0M	\$70.0M	\$40.0M	\$30.0M	Baltimore, MD	2023	2	Northeast, South & Midwest
Chicago Union Station (CUS) Critical Façade Repairs	\$10.0M	\$10.0M	—	\$10.0M	Chicago, IL	2020	1	Midwest & Systemwide
CUS Concourse Improvements	\$22.4M	\$30.0M	—	\$22.4M	Chicago, IL	2021	2	Midwest & Systemwide
CUS Ventilation Improvements	\$300.0M	\$300.0M	—	\$300.0M	Chicago, IL	2023	5	Midwest & Systemwide
CUS Platform Expansion (1/3, 2/4, 6/8,	\$400.0M	\$400.0M	—	\$400.0M	Chicago, IL	2023	5	Midwest & Systemwide

1967



1990



2011



2017



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10/12)								
Platform Heating (systemwide where relevant)	\$35M	\$35M	\$35M	\$35M	Systemwide	2020	6	Systemwide
Vertical Transportation Monitoring System	\$10M	\$10M	\$10M	\$10M	Systemwide	2020	5	Systemwide
Austin, TX Station Rebuild	\$11.5M	\$19M	\$11.5M	\$7.5M	Austin, TX	2020	2	South
Bryan, OH Station Construction	\$2M	\$3M	\$2M	\$1M	Bryan, OH	2020	2	Northeast & Midwest
Elko, NV Trackwork and Station Improvement	\$6.3M	\$15M	\$6.3M	\$8.7M	Elko, NV	2019	2	West
Atlanta, GA Station Relocation	\$20M	\$30M	\$20M	\$10M	Atlanta, GA	2022	3	South
Lancaster, PA Station Improvements	\$0.4M	\$30M	\$0.4M	\$29.6M	Lancaster, PA	2023	4	Northeast





Fl. Station Improvements (MIA-WPB, ORL)	\$2.0M	\$2.0M	\$0.00	\$2.0M	Florida	2021	4	Florida
Infrastructure								
Network Hub Improvement	\$1.88	\$1.875B	\$0.00	\$1.88	Chicago, IL	2021	5	Midwest
Safety, Security & Accessibility								
ADA Compliance	\$1.2B	\$1.2B	\$544M	\$656M	Systemwide	2017	10	Systemwide
PTC and PTC Equivalent	TBD	~\$300M	\$34	\$266M	Systemwide	2019	6	Systemwide
New or Improved Corridors								
Corridor Development	\$10-15B	\$10-15B	\$0.00	\$10-15B	Systemwide	2021	15	Systemwide





State Project List

Table 1: Projects in the pipeline and ready/almost ready for grant application, final design, construction

Project Description	State or JPA	Project Status		Project Cost		
		Design Status	NEPA Status	Total Project Cost	Federal: 80% (unless noted differently)	State, local, private: 20% (unless noted differently)
Sacramento to Roseville Third Track Service Expansion Phase 1	Capitol Corridor Joint Powers Authority	Final design	Not Started	\$190,000,000	\$152,000,000	\$38,000,000
Sacramento to Roseville Third Track Service Expansion Phase 2	Capitol Corridor Joint Powers Authority	Preliminary design	Not Started	\$254,000,000	\$203,200,000	\$50,800,000
Oakland to San Jose Service Expansion Phase 2A (Coast Subdivision Reroute)	Capitol Corridor Joint Powers Authority	Concept design	Not Started	\$349,442,000	\$279,553,600	\$69,888,400





Santa Clara Siding	Capitol Corridor Joint Powers Authority	Final design	Not Started	\$7,500,000	\$6,000,000	\$1,500,000
Oakland to Sacramento Signal Upgrades	Capitol Corridor Joint Powers Authority	Final design	Not Started	\$25,000,000	\$20,000,000	\$5,000,000
Davis Station Platform Replacement and Track Improvements	Capitol Corridor Joint Powers Authority	Final design	Not Started	\$40,000,000	\$32,000,000	\$8,000,000
Sacramento Valley Station (SVS) Transit Center	Capitol Corridor Joint Powers Authority	Concept design	Not Started	\$6,014,000	\$4,811,200	\$1,202,800





Chicago– Milwaukee Hiawatha Increase to 10 Round-trips	Wisconsin/ Illinois	Concept design	In progress	\$180,000,000	\$144,000,000	\$36,000,000
Twin Cities– Milwaukee– Chicago <i>Empire Builder</i> route additional frequency Next Generation Equipment	Wisconsin/ Minnesota	Final design	Complete	\$56,000,000	\$44,800,000	\$11,200,000
St. Louis to Kansas City - Double track from Lee's Summit to Pleasant Hill	Missouri	Preliminary design	Complete	\$134,700,000	\$107,760,000	\$26,940,000
St. Louis to Kansas City - Hermann Universal Crossover	Missouri	Final design	Complete	\$7,000,000	\$5,600,000	\$1,400,000
St. Louis to Kansas City - Bonnots Mill Universal Crossover	Missouri	Final design	Complete	\$7,000,000	\$5,600,000	\$1,400,000
St. Louis to Kansas City - Kingsville Siding	Missouri	Final design	Complete	\$17,000,000	\$13,600,000	\$3,400,000





St. Louis to Kansas City - Knob Noster Siding	Missouri	Final design	Complete	\$15,000,000	\$12,000,000	\$3,000,000
SEC - Raleigh to Wake Forest / Franklin Co. (Subset of SEC - Raleigh to Richmond) - Incremental Option 1 of 3	North Carolina	Preliminary design	Complete	\$360,000,000 - to avoid double count it is included in the Full Build Option	\$288,000,000 - to avoid double count it is included in the Full Build Option	\$72,000,000 - to avoid double count it is included in the Full Build Option
SEC - Raleigh to Ridgeway / Warren O. (Subset of SEC - Raleigh to Richmond) - Incremental Option 2 of 3	North Carolina	Preliminary design	Complete	\$874,600,000 - to avoid double count it is included in the Full Build Option	\$699,680,000 - to avoid double count it is included in the Full Build Option	\$174,920,000 - to avoid double count it is included in the Full Build Option
SEC - Raleigh to Petersburg, VA (Subset of SEC - Raleigh to Richmond) - Incremental Option 3 of 3	North Carolina	Preliminary design	Complete	\$2,429,000,000 - to avoid double count it is included in the Full Build Option	\$1,943,200,000 - to avoid double count it is included in the Full Build Option	\$485,800,000 - to avoid double count it is included in the Full Build Option
SEC - Raleigh to Richmond, VA - Full Build Option	North Carolina	Preliminary design	Complete	\$4,000,000,000	\$3,200,000,000	\$800,000,000





Charlotte-Raleigh Fifth Frequency (Fourth Piedmont)	North Carolina	Preliminary design	In progress	\$212,000,000	\$156,000,000	\$56,000,000
Carolinian Fleet Replacement	North Carolina	Preliminary design	In progress	\$110,000,000	\$88,000,000	\$22,000,000
Station State of Good Repair	North Carolina	Preliminary design	In progress	\$6,705,000	\$5,364,000	\$1,341,000
SEC - Individual Grade Separations and Crossing Closures (Subset of SEC - Raleigh to Richmond)	North Carolina	Preliminary design	In progress	TBD	TBD	TBD
Oregon City Siding	Oregon	Preliminary design	Complete	\$7,383,800.00	\$3,691,900	\$3,691,900
Superstructure Replacements for three bridges (31.71, 32.46, 79.85)	Michigan	Final design	In progress	\$10,000,000	\$8,000,000	\$2,000,000
Jackson Station Platform and Parking Lot Improvements	Michigan	Preliminary design	In progress	\$1,100,000	\$880,000	\$220,000





Northern Lights Express	Minnesota	Preliminary design	Complete	\$575,000,000	\$460,000,000	\$115,000,000
Quad Cities to Iowa City Extension Program - Final Design and Construction	Iowa	Conceptual Design and Operations and Environmental Planning has been completed.	NEPA analysis has yet to begin, but resource data compilation has been completed.	\$295,000,000	\$295,000,000	\$0
Stockton Diamond Grade Separation	San Joaquin JPA	Concept design	In progress	\$237,000,000	\$189,600,000	\$47,400,000
Valley Rail Track and Signal Improvements	San Joaquin JPA	Concept design	Not started	\$147,527,362	\$118,021,890	\$29,505,472
Lodi Station	San Joaquin JPA	Preliminary design	Not started	\$20,266,616	\$16,213,293	\$4,053,323
Elk Grove Station	San Joaquin JPA	Preliminary design	Not started	\$25,025,291	\$20,020,233	\$5,005,058





City College Station	San Joaquin JPA	Preliminary design	Not started	\$15,598,866	\$12,479,093	\$3,119,773
Midtown Station	San Joaquin JPA	Preliminary design	Not started	\$15,579,576	\$12,463,661	\$3,115,915
Downtown Sacramento Mobility Projects	San Joaquin JPA	Preliminary design	Not started	\$3,061,000	\$2,448,800	\$612,200
Old North Sacramento	San Joaquin JPA	Preliminary design	Not started	\$22,416,809	\$17,933,447	\$4,483,362
Natomas/Airport Station & Layover	San Joaquin JPA	Preliminary design	Not started	\$33,946,714	\$27,157,371	\$6,789,343
Sacramento Subdivision Track Improvements	San Joaquin JPA	Preliminary design	Not started	\$149,077,766	\$119,262,213	\$29,815,553
Rolling Stock (Locomotives and Coaches/Cab Cars)	San Joaquin JPA	Concept design	Not started	\$52,520,000	\$42,016,000	\$10,504,000
San Joaquin Locomotives	San Joaquin JPA	Concept design	Not started	\$15,480,000	\$12,384,000	\$3,096,000





Stockton Regional Maintenance Facility Expansion	San Joaquin JPA	Final design	Complete	\$17,000,000	\$13,600,000	\$3,400,000
Stockton Track Extension	San Joaquin JPA	Final design	In progress	\$23,499,182	\$18,799,346	\$4,699,836
Robert J. Cabral Station Expansion	San Joaquin JPA	Preliminary design	Complete	\$7,000,000	\$5,600,000	\$1,400,000
Mini Length - Level Boarding Platforms	Connecticut	Final design	In progress	\$5,200,000	100% State Funded	\$5,200,000
Phase 3B Completion of Double Tracking	Connecticut	Preliminary design	In progress	\$186,000,000	100% State Funded	\$186,000,000
North Haven Station	Connecticut	Preliminary design	In progress	\$52,000,000	100% State Funded	\$52,000,000
West Hartford Station	Connecticut	Preliminary design	In progress	\$70,000,000	100% State Funded	\$70,000,000
Enfield Station	Connecticut	Preliminary design	In progress	\$55,000,000	100% State Funded	\$55,000,000
Windsor Replacement Station	Connecticut	Preliminary design	In progress	\$62,000,000	100% State Funded	\$62,000,000
Pacific Northwest Rail Corridor Reliability Landslide	Washington	Preliminary design	In progress	\$6,750,000	\$3,375,000	\$3,375,000





Mitigation Phase III						
Cascades - New Equipment Procurement	Washington	Preliminary design	Complete	\$75,000,000	\$37,500,000	\$37,500,000
Long Bridge Project (CSX bridge from VA to DC): Construct additional 2 tracks	Virginia	Preliminary design	Complete	\$1,979,321,119	\$1,583,456,895	\$395,864,224
Crystal City Station (Virginia Railway Express) - Improvement to existing station (construction of island platforms)	Virginia	Preliminary design	Y	\$50,114,619	\$40,091,695	\$10,022,924
Alexandria 4th Track	Virginia	Final design	Complete	\$163,828,598	\$131,062,878	\$32,765,720
Truck Overhaul	California	N/A	N/A	\$9,000,000	\$7,200,000	\$1,800,000
Wheelchair Lift Repair	California	N/A	N/A	\$1,147,520	\$918,016	\$229,504





Overhaul Spares	California	N/A	N/A	\$4,110,000	\$3,288,000	\$822,000
Vapor Stone Side Door Operator Overhaul	California	N/A	N/A	\$10,743,574	\$8,594,859	\$2,148,715
End of Car Vestibule Diaphragm Repair	California	N/A	N/A	\$800,800	\$640,640	\$160,160
Waste System Overhaul on Surfliner Cars	California	N/A	N/A	\$2,760,000	\$2,208,000	\$552,000
Water System Upgrade on California Cars	California	N/A	N/A	\$200,000	\$160,000	\$40,000
Restroom Door Panel Repair/Interior Re-design	California	N/A	N/A	\$660,000	\$528,000	\$132,000
San Luis Obispo (Central Coast) Layover Facility (Full Build Out)	LOSSAN	Preliminary design	In progress	\$67,500,607	\$41,197,106	\$26,303,501
Cematerio Bridge Replacement	LOSSAN	Concept design	Not started	\$18,000,000	\$14,400,000	\$3,600,000





Seacliff Siding	LOSSAN	Preliminary design	In progress	\$32,000,000	\$25,600,000	\$6,400,000
Carpinteria Second Track	LOSSAN	Concept design	In progress	\$17,178,000	\$6,500,000	\$10,678,000
Carpinteria Ped Underpass	LOSSAN	Concept design	In progress	\$12,288,000	\$9,830,400	\$2,457,600
Carpinteria Second Platform	LOSSAN	Concept design	Not started	\$2,472,000	\$1,977,600	\$494,400
Leesdale Siding	LOSSAN	Concept design	Not started	\$26,170,000	\$20,936,000	\$5,234,000
San Diego County Layover and Maintenance Facility (Full Build Out)	LOSSAN	Concept design	Not started	\$135,778,748	\$107,339,088	\$28,439,660
Newark Regional Transportation Center	Delaware	Final design	Complete	\$87,609,807	\$22,250,794	\$65,359,013





Claymont Station	Delaware	Final design	Complete	\$71,711,235	\$42,365,935	\$29,345,300
Track A Winans to Bridge	Maryland	Preliminary design	Not started	\$16,000,000	\$12,800,000	\$3,200,000
New Carrollton Second Platform	Maryland	Final design	Not started	TBD	TBD	TBD
Union Station Sub-basement	Maryland	Final design	Not started	TBD	TBD	TBD
B&P Tunnel Replacement	Maryland	Preliminary design	Complete	\$4,000,000,000	\$3,200,000,000	\$800,000,000
Susquehanna Bridge Replacement	Maryland	Preliminary design	Complete	\$1,800,000,000	\$1,440,000,000	\$360,000,000
BWI Rail Station and 4th Track Project	Maryland	Preliminary design	Complete	\$602,000,000	\$481,600,000	\$120,400,000





Providence Station SOGR Project	Rhode Island	Preliminary design	In progress	\$25,000,000	\$12,500,000	\$12,500,000
1.7 mile segment double tracking project on the Central Florida Rail Corridor (CFRC)	Florida	Final design	Complete	\$11,000,000	\$8,800,000	\$2,200,000
Miami River Bridge project on the South Florida Rail Corridor (SFRC)	Florida	Preliminary design	Complete	\$52,450,000	\$41,960,000	\$10,490,000
			TOTAL	\$17,002,638,609	\$13,184,940,953	\$3,817,697,656

