

2021 Report to the State
Five-Year Capital Plan

Published Dec. 2020



Five-Year Capital Plan - Sources of Funding

Fund Source	2021	2022	2023	2024	2025
FTA Formula Funds for projects	\$ 26,090,319	\$ 26,541,035	\$ 28,515,887	\$ 28,943,625	\$ 29,377,779
Other Federal Grants	\$ 11,341,801	\$ 26,102,462	\$ 1,945,696	\$ -	\$ -
CARES Act Funded Projects	\$ 20,453,260	\$ 25,742,737	\$ -	\$ -	\$ -
Estimated Funds from Internal Cash flow	\$ 7,716,645	\$ 14,719,313	\$ 21,039,690	\$ 26,715,631	\$ 30,578,101
Prior Year FTA Funds not allocated or rolling over	\$ 933,297	\$ -	\$ -	\$ -	\$ -
Total Capital Budget	\$ 66,535,322	\$ 93,105,547	\$ 51,501,273	\$ 55,659,256	\$ 59,955,880

- Other sources of funds may be added to the Fund Source list during this 5-year period as they become available for large projects

- Debt Financing may also be considered for certain needs that lend themselves well to debt financing, such as replacement of vehicles, equipment, and rail cars

Five-Year Capital Plan - FTA Formula Funds

FTA Formula Funded Capital Program	2021	2022	2023	2024	2025	5-Year Total
Total FTA Funds	\$ 43,634,394	\$ 44,288,910	\$ 44,953,244	\$ 45,627,542	\$ 46,311,955	\$ 224,816,045
Preventive Maintenance	\$ 1,046,476	\$ -	\$ 16,437,357	\$ 16,683,917	\$ 16,934,176	\$ 51,101,926
Debt service	\$ 16,497,599	\$ 17,747,875	\$ -	\$ -	\$ -	\$ 34,245,474
Total Programmed items	\$ 17,544,075	\$ 17,747,875	\$ 16,437,357	\$ 16,683,917	\$ 16,934,176	\$ 85,347,400
FTA Formula Funds available for Projects	\$ 26,090,319	\$ 26,541,035	\$ 28,515,887	\$ 28,943,625	\$ 29,377,779	\$ 139,468,645
Bridge Rehabilitation Program	\$ 20,427,703	\$ 21,031,645	\$ 12,000,000	\$ 8,019,625	\$ 8,998,779	\$ 70,477,752
Comm Remote Power	\$ 65,000	\$ -	\$ -	\$ -	\$ -	\$ 65,000
Transit Asset Management	\$ -	\$ -	\$ 520,000	\$ 520,000	\$ 980,000	\$ 2,020,000
Track Rehabilitation Program	\$ 4,345,540	\$ 2,309,390	\$ 12,995,887	\$ 18,125,000	\$ 16,525,000	\$ 54,300,817
Passenger Rehabilitation Program	\$ 1,031,250	\$ 3,200,000	\$ 3,000,000	\$ 2,170,000	\$ 2,874,000	\$ 12,275,250
Locomotive Truck Rebuild	\$ 220,826	\$ -	\$ -	\$ 109,000	\$ -	\$ 329,826
Total FTA Formula Funds for projects	\$ 26,090,319	\$ 26,541,035	\$ 28,515,887	\$ 28,943,625	\$ 29,377,779	\$ 139,468,645

Five-Year Capital Plan – CARES Act Funds

FTA CARES Act Funded Program	2021	2022	2023	2024	2025	5-Year Total
FTA CARES funds Available	\$ 93,585,667	\$ 49,763,938	\$ -	\$ -	\$ -	\$ 93,585,667
Operating Assistance	\$ 8,761,085	\$ 8,761,085	\$ -	\$ -	\$ -	\$ 17,522,170
Preventive Maintenance	\$ 14,213,640	\$ 15,260,116	\$ -	\$ -	\$ -	\$ 29,473,756
COVID-19 Expenses	\$ 393,744	\$ -	\$ -	\$ -	\$ -	\$ 393,744
Total Programmed items	\$ 23,368,469	\$ 24,021,201	\$ -	\$ -	\$ -	\$ 47,389,670
FTA CARES Act Funded Capital Projects						
FTA CARES funds available for projects	\$ 70,217,198	\$ 25,742,737	\$ -	\$ -	\$ -	\$ 46,195,997
Signal Program	\$ 1,368,600	\$ -	\$ -	\$ -	\$ -	\$ 1,368,600
Telecommunications Program	\$ 529,250	\$ -	\$ -	\$ -	\$ -	\$ 529,250
Technology Program	\$ 1,040,700	\$ 570,000	\$ -	\$ -	\$ -	\$ 1,610,700
Passenger Rehabilitation Program	\$ 1,645,250	\$ -	\$ -	\$ -	\$ -	\$ 1,645,250
Track Rehabilitation Program	\$ 14,719,460	\$ 17,565,610	\$ -	\$ -	\$ -	\$ 32,285,070
Bridge Rehabilitation Program	\$ -	\$ 5,591,885	\$ -	\$ -	\$ -	\$ 5,591,885
Covid Mitigation	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000
Portage Station Improvements	\$ -	\$ 1,115,242	\$ -	\$ -	\$ -	\$ 1,115,242
Operations Support Facilities	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 450,000
Transit Asset Management	\$ 500,000	\$ 900,000	\$ -	\$ -	\$ -	\$ 1,400,000
Total CARES Act Funded Capital Projects	\$ 20,453,260	\$ 25,742,737	\$ -	\$ -	\$ -	\$ 46,195,997

Five-Year Capital Plan Other Federal Grant Programs

Other Federal Grant Programs	2021	2022	2023	2024	2025	5-Year Total
MP 25.7 Trail River Bridge Replacement (CRISI grant)	\$ 8,220,960	\$ -	\$ -	\$ -	\$ -	\$ 8,220,960
Geometry Railcar Acquisition (CRISI STC grant)	\$ 1,441,681	\$ -	\$ -	\$ -	\$ -	\$ 1,441,681
Anderson WILD (CRISI STC grant)	\$ 952,398	\$ -	\$ -	\$ -	\$ -	\$ 952,398
Wasilla Control Point (CRISI STC grant)	\$ 726,762	\$ -	\$ -	\$ -	\$ -	\$ 726,762
Portage Station Improvements (FLAP grant)	\$ -	\$ 802,462	\$ 1,945,696	\$ -	\$ -	\$ 2,748,158
Seward Freight Dock Improvements (PIDP grant)	\$ -	\$ 25,300,000	\$ -	\$ -	\$ -	\$ 25,300,000
Total Other Federal Grants	\$ 11,341,801	\$ 26,102,462	\$ 1,945,696	\$ -	\$ -	\$ 39,389,959

Five-Year Capital Plan - Internally Funded Projects

Internally Funded Capital Program	2021	2022	2023	2024	2025	5-Year Total
Non-Discretionary Projects						
Traction Motor Shop Hydro Pump Replacement	\$ 12,200	\$ -	\$ -	\$ -	\$ -	\$ 12,200
SharePoint to office 365	\$ 70,000	\$ -	\$ -	\$ -	\$ -	\$ 70,000
Subtotal - Non-Discretionary Projects	\$ 82,200	\$ -	\$ -	\$ -	\$ -	\$ 82,200
Continuing Programs						
Track Rehabilitation Program	\$ 1,350,000	\$ 1,250,000	\$ 6,529,113	\$ 2,500,000	\$ 2,500,000	\$ 14,129,113
Avalanche Program	\$ 84,000	\$ 86,000	\$ 185,000	\$ 280,000	\$ 700,000	\$ 1,335,000
Docks & Slips Program	\$ 810,000	\$ 1,452,000	\$ 1,570,000	\$ 1,610,000	\$ 1,460,000	\$ 6,902,000
Energy Management	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ 625,000
Vehicles & Equipment	\$ -	\$ 7,667,338	\$ 7,855,742	\$ 6,998,723	\$ 10,409,482	\$ 32,931,285
Rip Rap & Drainage Maintenance Program	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,500,000
Section Improvements	\$ 30,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 330,000
Electrical Upgrades	\$ 225,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 525,000
Public Transportation System Security Fund	\$ 225,000	\$ 225,000	\$ 225,000	\$ 225,000	\$ 225,000	\$ 1,125,000
Network Services Program			\$ 345,000	\$ 345,000	\$ 345,000	\$ 1,035,000
Tenant Improvements	\$ 75,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 475,000
Roofing Upgrades	\$ 225,000	\$ 250,000	\$ 400,000	\$ 500,000	\$ 250,000	\$ 1,625,000
Land and Utilities	\$ 50,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 450,000
General Repair	\$ 90,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 490,000
Building Maintenance	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Bridge Rehabilitation Program	\$ 2,799,000	\$ 500,000	\$ 12,000,000	\$ 15,980,375	\$ 15,001,221	\$ 46,280,596
PC Refresh Program			\$ 225,000	\$ 225,000	\$ 225,000	\$ 675,000
Printer Refresh Program	\$ -	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 120,000
Freight Car Replacement	\$ -	\$ 3,203,000	\$ 3,242,000	\$ -	\$ -	\$ 6,445,000
Subtotal - Continuing Programs	\$ 6,688,000	\$ 15,838,338	\$ 33,781,855	\$ 29,869,098	\$ 32,320,703	\$ 118,497,994

Five-Year Capital Plan - Internally Funded Projects

Internally Funded Capital Program	2021	2022	2023	2024	2025	5-Year Total
Strategic Business Initiatives						
Yard Drain Rehabilitation	\$ 400,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000
Whittier CP Power Upgrade	\$ 94,700	\$ -	\$ -	\$ -	\$ -	\$ 94,700
TOFC URB Footing Project	\$ -	\$ 326,000	\$ -	\$ -	\$ -	\$ 326,000
Locomotive Main Generator Bearing Swap	\$ 212,345	\$ -	\$ -	\$ -	\$ -	\$ 212,345
Anchorage Yard Scale Improvements	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000
Travel Studio Web Client Upgrade	\$ 88,850	\$ -	\$ -	\$ -	\$ -	\$ 88,850
Depot Drive Access Improvements	\$ -	\$ 800,000	\$ -	\$ -	\$ -	\$ 800,000
Switch Machine Replacement	\$ -	\$ 152,500	\$ 152,500	\$ 152,500	\$ 152,500	\$ 610,000
Thermal Brick Switch Heaters	\$ -	\$ 120,000	\$ 120,000	\$ 120,000	\$ 120,000	\$ 480,000
Signal CP C-Can Replacement	\$ -	\$ 100,000	\$ -	\$ -	\$ -	\$ 100,000
Communication Site Standardization	\$ -	\$ 74,000	\$ 74,000	\$ 74,000	\$ 74,000	\$ 296,000
SD70 Mac Can Bus Upgrade	\$ -	\$ 505,000	\$ -	\$ -	\$ -	\$ 505,000
TOFC Park Spur	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 1,500,000
MP 4.8 - 6.33 Salmon Creek Track & Bridge Raise	\$ -	\$ -	\$ 700,000	\$ -	\$ -	\$ 700,000
Subtotal - Strategic Business Initiatives	\$ 815,895	\$ 2,077,500	\$ 1,046,500	\$ 346,500	\$ 1,846,500	\$ 6,132,895
Ranked Projects						
Fairbanks TOFC Portable boxcar ramp	\$ 25,550	\$ -	\$ -	\$ -	\$ -	\$ 25,550
Waste Management Structures	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ 45,000
GOB Office Refresh (Engineering)	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000
Subtotal - Ranked Projects	\$ 130,550	\$ -	\$ -	\$ -	\$ -	\$ 130,550
Total Internally Funded Project Requests	\$ 7,716,645	\$ 17,915,838	\$ 34,828,355	\$ 30,215,598	\$ 34,167,203	\$ 124,843,639
Estimated Funds from Internal Cash flow	\$ 7,716,645	\$ 14,719,313	\$ 21,039,690	\$ 26,715,631	\$ 30,578,101	\$ 100,769,381
Total Internal Funding Shortage	\$ -	\$ 3,196,525	\$ 13,788,665	\$ 3,499,967	\$ 3,589,102	\$ 24,074,259
Total Capital Budget	\$ 66,535,322	\$ 93,105,547	\$ 51,501,273	\$ 55,659,256	\$ 59,955,880	\$ 326,757,279

ALASKA

RAILROAD



AlaskaRailroad.com