

ALASKA  
RAILROAD

# 2022 Report to the State

*5-Year Capital Plan*

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# Five-Year Capital Plan - Sources of Funding

Funding Sources	2022	2023	2024	2025	2026	5-Year Total
Total FTA Formula Funds for Projects	\$ 28,281,229	\$ 61,253,161	\$ 39,522,188	\$ 40,389,892	\$ 41,276,108	\$ 210,722,578
Total CARES Act Funded Projects	\$ 35,746,900	\$ -	\$ -	\$ -	\$ -	\$ 35,746,900
Project Funded by Other Federal Grants	\$ 812,462	\$ 1,955,696	\$ -	\$ -	\$ -	\$ 2,768,158
Estimated Funds from Internal Cash Flow	\$ 17,041,025	\$ 25,572,661	\$ 22,899,903	\$ 26,570,402	\$ 30,438,679	\$ 122,522,670
Debt Funded Capital Projects	\$ 7,850,000	\$ -	\$ -	\$ -	\$ -	\$ 7,850,000
<b>Total Capital Budget</b>	<b>\$ 89,731,616</b>	<b>\$ 88,781,518</b>	<b>\$ 62,422,091</b>	<b>\$ 66,960,294</b>	<b>\$ 71,714,787</b>	<b>\$ 379,610,306</b>

- More funding sources may be added during this 5-year period as grants, partnerships and other financial opportunities become available for large projects in particular.
- Additional Debt Financing may also be considered for certain needs that are well-suited to debt financing, such as replacement of vehicles, equipment and rail cars.

# Five-Year Capital Plan - FTA Formula Funds

FTA Formula Funded Capital Program	2022	2023	2024	2025	2026	5-Year Total
<b>Total FTA Funding From Formula Program</b>	\$ 68,599,643	\$ 76,476,668	\$ 54,974,048	\$ 56,073,529	\$ 57,195,000	\$ 313,318,888
Preventive Maintenance ("PM")	\$ -	\$ 15,223,507	\$ 15,451,860	\$ 15,683,637	\$ 15,918,892	\$ 62,277,896
Debt service	\$ 17,737,872	\$ -	\$ -	\$ -	\$ -	\$ 17,737,872
<b>Total Programmed Items</b>	\$ 17,737,872	\$ 15,223,507	\$ 15,451,860	\$ 15,683,637	\$ 15,918,892	\$ 80,015,768
<b>Total Grant Funds Available for Projects</b>	\$ 50,861,771	\$ 61,253,161	\$ 39,522,189	\$ 40,389,892	\$ 41,276,108	\$ 233,303,120
Bridge Rehabilitation Program	\$ 21,709,889	\$ 30,315,861	\$ 5,807,710	\$ 16,281,492	\$ 15,994,108	\$ 90,109,060
Track Rehabilitation Program	\$ 375,600	\$ 24,919,000	\$ 19,211,000	\$ 18,664,000	\$ 19,573,000	\$ 82,742,600
Passenger Rehabilitation Program	\$ 3,875,500	\$ 3,079,400	\$ 2,444,000	\$ 1,697,000	\$ 1,821,000	\$ 12,916,900
Telecommunications Program	\$ -	\$ 418,900	\$ 360,200	\$ 247,400	\$ 388,000	\$ 1,414,500
Technology Program	\$ -	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,000,000
Portage Tunnel F5.8 Rehabilitation	\$ 400,000	\$ -	\$ 8,199,278	\$ -	\$ -	\$ 8,599,278
Section Operations Support Facilities	\$ -	\$ 1,500,000	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	\$ 7,500,000
Transit Asset Management	\$ -	\$ 520,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 3,520,000
Portage Station Improvements	\$ 1,115,240	\$ -	\$ -	\$ -	\$ -	\$ 1,115,240
TMC Hardware Upgrade	\$ 805,000	\$ -	\$ -	\$ -	\$ -	\$ 805,000
<b>Total FTA Formula Funds for projects</b>	\$ 28,281,229	\$ 61,253,161	\$ 39,522,188	\$ 40,389,892	\$ 41,276,108	\$ 210,722,578

# Five-Year Capital Plan CARES Act and Other Federal Funds

CARES Act Funded Projects	2022	2023	2024	2025	2026	5-Year Total
<b>FTA CARES funds Available</b>	\$ 51,848,594	\$ -	\$ -	\$ -	\$ -	\$ 51,848,594
Preventive Maintenance	\$ 14,998,529	\$ -	\$ -	\$ -	\$ -	\$ 14,998,529
2021 Operations Assistance	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Operating Assistance	\$ 1,027,915	\$ -	\$ -	\$ -	\$ -	\$ 1,027,915
Emergency Relief (COVID-19 Expense)	\$ 75,250	\$ -	\$ -	\$ -	\$ -	\$ 75,250
<b>Total Programmed Items</b>	\$ 16,101,694	\$ -	\$ -	\$ -	\$ -	\$ 16,101,694
<b>Total CARES Available, net Programmed Items</b>	\$ 35,746,900	\$ -	\$ -	\$ -	\$ -	\$ 35,746,900
Bridge Rehabilitation Program	\$ 12,216,000	\$ -	\$ -	\$ -	\$ -	\$ 12,216,000
Track Rehabilitation Program	\$ 20,351,000	\$ -	\$ -	\$ -	\$ -	\$ 20,351,000
Passenger Rehabilitation Program	\$ 1,453,900	\$ -	\$ -	\$ -	\$ -	\$ 1,453,900
Telecommunications Program	\$ 394,000	\$ -	\$ -	\$ -	\$ -	\$ 394,000
Technology Program	\$ 432,000	\$ -	\$ -	\$ -	\$ -	\$ 432,000
Transit Asset Management	\$ 900,000	\$ -	\$ -	\$ -	\$ -	\$ 900,000
<b>Total CARES Act Funded Projects</b>	\$ 35,746,900	\$ -	\$ -	\$ -	\$ -	\$ 35,746,900
<b>Other Federal Grant Programs</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>5-Year Total</b>
Portage Station Improvements - FLAP	\$ 812,462	\$ 1,955,696	\$ -	\$ -	\$ -	\$ 2,768,158
<b>Project Funded by Other Federal Grants</b>	\$ 812,462	\$ 1,955,696	\$ -	\$ -	\$ -	\$ 2,768,158

# Five-Year Capital Plan - Internal Funds

Internal Funding	2022	2023	2024	2025	2026	5-Year Total
<b>Non-Discretionary Projects</b>						
Depot Drive Improvements	\$ 250,000	\$ 750,000	\$ 500,000	\$ 500,000	\$ -	\$ 2,000,000
Power Car P31/32 Interior Paint	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000
<b>Subtotal - Non-Discretionary Projects</b>	<b>\$ 300,000</b>	<b>\$ 750,000</b>	<b>\$ 500,000</b>	<b>\$ 500,000</b>	<b>\$ -</b>	<b>\$ 2,050,000</b>
<b>Continuing Programs</b>						
Bridge Rehabilitation Program	\$ 3,675,785	\$ 6,548,089	\$ 28,894,790	\$ 17,609,208	\$ -	\$ 56,727,872
Vehicles & Equipment	\$ -	\$ 7,820,000	\$ 7,635,000	\$ 7,925,000	\$ 7,925,000	\$ 31,305,000
Bridge Program	\$ 2,382,000	\$ 2,258,050	\$ 2,280,500	\$ 2,303,300	\$ 2,494,200	\$ 11,718,050
Docks & Slips Program	\$ 1,150,000	\$ 1,850,000	\$ 4,150,000	\$ 1,615,000	\$ 1,165,000	\$ 9,930,000
Freight Car Replacement	\$ -	\$ -	\$ 3,203,000	\$ 3,242,000	\$ -	\$ 6,445,000
Track Rehabilitation Program	\$ 1,421,000	\$ 1,172,000	\$ 1,173,000	\$ 1,070,000	\$ 136,000	\$ 4,972,000
Avalanche Mitigation Program	\$ 86,000	\$ 720,000	\$ 780,000	\$ 600,000	\$ 600,000	\$ 2,786,000
Rip Rap & Drainage Maintenance	\$ 350,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,350,000
Yard & Branch Improvements	\$ 250,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 500,000	\$ 2,250,000
Passenger Car Rehabilitation	\$ 283,700	\$ 310,000	\$ 200,000	\$ 447,000	\$ 398,000	\$ 1,638,700
Roofing Upgrades	\$ 860,000	\$ 230,000	\$ 15,000	\$ 400,000	\$ 35,000	\$ 1,540,000
Locomotive Engine Overhaul Program	\$ -	\$ 295,400	\$ 149,170	\$ 150,700	\$ 608,700	\$ 1,203,970
Fairbanks Pipe Yard	\$ 100,000	\$ 900,000	\$ -	\$ -	\$ -	\$ 1,000,000
Trespass Mitigation	\$ 170,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 970,000
B-26 Improvements	\$ 205,000	\$ 700,000	\$ -	\$ -	\$ -	\$ 905,000
Energy Management	\$ 150,000	\$ 200,000	\$ 200,000	\$ 125,000	\$ 125,000	\$ 800,000
Tenant Improvements	\$ 75,000	\$ 200,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 575,000
Land & Utilities	\$ 100,000	\$ 200,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 525,000
Building Maintenance	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 500,000
Electrical Upgrades	\$ 90,000	\$ 100,000	\$ 75,000	\$ 75,000	\$ 75,000	\$ 415,000
General Repair	\$ 90,000	\$ 100,000	\$ 10,000	\$ 100,000	\$ 100,000	\$ 400,000
Section Improvements	\$ -	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 400,000
Locomotive Truck Overhaul Program	\$ -	\$ 109,000	\$ 110,200	\$ -	\$ 112,400	\$ 331,600
Server & Storage Refresh	\$ 176,000	\$ -	\$ -	\$ -	\$ -	\$ 176,000
Printer Refresh	\$ 46,000	\$ 31,600	\$ 31,900	\$ 32,200	\$ 32,500	\$ 174,200
UAS Program	\$ 144,000	\$ -	\$ -	\$ -	\$ -	\$ 144,000
JD Edwards Tools Upgrade	\$ 78,000	\$ -	\$ -	\$ -	\$ -	\$ 78,000
<b>Subtotal - Continuing Programs</b>	<b>\$ 11,982,485</b>	<b>\$ 25,144,139</b>	<b>\$ 50,482,560</b>	<b>\$ 37,269,408</b>	<b>\$ 15,381,800</b>	<b>\$ 140,260,392</b>

# Five-Year Capital Plan - Internal & Debt Funds

Internal Funding	2022	2023	2024	2025	2026	5-Year Total
<i>Strategic Business Initiatives</i>						
Whittier Marginal Wharf Replacement	\$ 690,000	\$ 276,000	\$ 138,000	\$ 5,000,000	\$ 50,000,000	\$ 56,104,000
Tunnel District Safety Improvement	\$ 2,216,440	\$ 4,505,000	\$ 3,400,500	\$ -	\$ -	\$ 10,121,940
Fiber Optic Backhaul Seward	\$ 40,000	\$ 546,000	\$ -	\$ -	\$ -	\$ 586,000
Mobile Automation	\$ 275,000	\$ -	\$ -	\$ -	\$ -	\$ 275,000
Electronic HR Records Management	\$ 120,000	\$ 93,750	\$ -	\$ -	\$ -	\$ 213,750
Healy Equipment Shelter	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Email Archiving & Records Management	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ 150,000
Backup Storage Replacement	\$ 128,000	\$ -	\$ -	\$ -	\$ -	\$ 128,000
Electronic Invoicing & AP Matching	\$ 110,000	\$ -	\$ -	\$ -	\$ -	\$ 110,000
Call Center Remodel	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Anchorage Shop Networking	\$ 98,000	\$ -	\$ -	\$ -	\$ -	\$ 98,000
Conferencing Systems	\$ 93,600	\$ -	\$ -	\$ -	\$ -	\$ 93,600
Network Architecture & Design Assessment	\$ 89,000	\$ -	\$ -	\$ -	\$ -	\$ 89,000
TOFC Light Poles	\$ 80,000	\$ -	\$ -	\$ -	\$ -	\$ 80,000
Curry Wayside Relocation	\$ 76,000	\$ -	\$ -	\$ -	\$ -	\$ 76,000
ATCS Storage Requirements	\$ 60,000	\$ -	\$ -	\$ -	\$ -	\$ 60,000
Ditch Witch & Attachments	\$ 51,000	\$ -	\$ -	\$ -	\$ -	\$ 51,000
Section House Technology Accessibility Program	\$ 43,000	\$ -	\$ -	\$ -	\$ -	\$ 43,000
SQL Storage Expansion	\$ 42,000	\$ -	\$ -	\$ -	\$ -	\$ 42,000
Gift Shop - Point of Sale	\$ 40,000	\$ -	\$ -	\$ -	\$ -	\$ 40,000
FleetONE Exporter Module	\$ 31,500	\$ -	\$ -	\$ -	\$ -	\$ 31,500
<b>Subtotal - Strategic Business Initiatives</b>	<b>\$ 4,683,540</b>	<b>\$ 5,420,750</b>	<b>\$ 3,538,500</b>	<b>\$ 5,000,000</b>	<b>\$ 50,000,000</b>	<b>\$ 68,642,790</b>
<i>Ranked Project</i>						
Booking UX Implementation & Automation	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ 75,000
<b>Total Internally Funded Projects</b>	<b>\$ 17,041,025</b>	<b>\$ 31,314,889</b>	<b>\$ 54,521,060</b>	<b>\$ 42,769,408</b>	<b>\$ 65,381,800</b>	<b>\$ 211,028,182</b>
Estimated Funds from Internal Cash flow	\$ 17,041,025	\$ 25,572,661	\$ 22,899,903	\$ 26,570,402	\$ 30,438,679	\$ 122,522,670
<b>Total Internal Funding Shortage</b>	<b>\$ -</b>	<b>\$ 5,742,228</b>	<b>\$ 31,621,157</b>	<b>\$ 16,199,006</b>	<b>\$ 34,943,121</b>	<b>\$ 88,505,512</b>
<i>Debt Funded Capital Project</i>						
Vehicles & Equipment	\$ 7,850,000	\$ -	\$ -	\$ -	\$ -	\$ 7,850,000