

PDSC MEETING AGENDA

DATE: 10/12/2022
TIME: 3:30-5:00 PM
LOCATION: Zoom
RE: Planning and Development Subcommittee

PDSC Objectives:

- Support the development and implementation of an updated Strategic Plan and the 2020 Airport Master Plan Update
- Provide ongoing support and input on specific plans and proposals for the development of Airport
- Provide input on other business development efforts as appropriate.

PDSC Agenda Items:

1) 2023-2027 Capital Improvement Plan

Unresolved/Pending Topics:

- US Customs
- Fort Collins-Loveland Water District Water Line Extension
- West & Northeast Airport Area Planning
- Terminal Funding
- New Hangar Development Plan
- Air Service Development Plan

Join Zoom Meeting

<https://us06web.zoom.us/j/97011482750?pwd=V1pVVHdrMXZibzlyZ3RFanpRK2NIZz09>

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NORTHERN COLORADO REGIONAL AIRPORT

4900 Earhart Rd • Loveland, Colorado 80538

(970) 962-2850 • FAX (970) 962-2855 • TDD (970) 962-2620

ITEM NUMBER: 1
MEETING DATE: October 12, 2022
PREPARED BY: Jason Licon, Airport Director

TITLE

Airport Capital Improvement Plan 2023-2027

RECOMMENDED PDSC ACTION

Review the proposed Airport Capital Improvement Plan and after discussion recommend adoption by the Airport Commission as presented

SUMMARY

The Capital Improvement Plan is a critical planning tool that is used to define the Airport's priority list for projects that would require financial assistance from federal or state resources for the next five years. This does not include all items that are necessary for the continued operations and maintenance of the Airport, or projects are not eligible for federal or state funding. In 2020 & 2021 the CIP was changed multiple times to support competing priorities as a result of the Cares Act funding and airport reclassification anticipation. At the end of 2020 the Airport Commission and the City Councils approved the Airport Master Plan, which included a 20-year financial plan for implementation. This financial plan was used to create the baseline for capital needs, and has been confirmed by airport staff after consultation with FAA and state officials during CIP meetings held last week on October 4.

Planning documents from the Master Plan do need to be updated at least annually. This year's update will reflect the previous year's work done on terminal design to include current estimated costs and impacts that the pandemic had on available state funding. The Master Plan also had assumed that the Airport would achieve the airline enplanement level in 2022 that would unlock the \$1 million in guaranteed FAA funding in 2024, which is now anticipated as a result of Avelo Airlines operations during the calendar year 2022.

In addition to the Terminal building project, the next large scale federally funded project is the runway widening project. This is scheduled for 2023-2024 for a total cost of \$14.5 million. It is confirmed that

this project continues to be FAA supported to satisfy safety related airfield design requirements for the Airport's critical design aircraft type, the Airbus A320 and Boeing 737 series aircraft.

The first ACIP spreadsheet provides a great deal of information on the variety of funding resources that are being managed to resource each project. The goal of this item and meeting is to provide a recommendation to the Airport Commission to approve this plan during the October 20 regularly scheduled meeting. This plan is not required to be adopted by the City Councils as per the Intergovernmental agreement, but is used to create the approved annual budget for the Airport.

ATTACHMENTS

- 2023-2027 Proposed Airport Capital Improvement Plan (spreadsheet)
- 2020 Airport Master Plan Chapter 9 Airport Development Program & Needs Assessment
- 2022 CDOT Pavement Condition Index Map for the Northern Colorado Regional Airport
- Large Equipment List

2023-2027 Proposed Airport Capital Improvement Plan



NORTHERN COLORADO
REGIONAL AIRPORT

Funding Source	FAA Airport Imp. Program AIP		FAA Managed Federal Special Funding			State	Local		Other	Total Project Costs
Financial Resource Program	FAA Entitlement	FAA Discretionary	Cares Act	BIL Airport Improvement Grants	BIL Airport Terminals Program	Colorado Division of Aeronautics	Grant Match	Additional Funding	Special & Unique Resources	
Funding Programming Method	Formulary \$150K - \$1M <10K - >10K Enplanements	Discretionary	Formulary	Formulary	Discretionary	Formulary for FAA Grant Matches & Remainder Discretionary	Formulary	Discretionary	TBD	
Grant Match Requirement	90/10	90/10	N/A	90/10	95/5	80/20	N/A	N/A	N/A	
Previous Year 2021										
Commercial Apron Expansion & Twy E	\$ 1,675,087	\$ 784,534	\$ 492,663							\$ 2,952,284
Totals 2021	\$ 1,675,087	\$ 784,534	\$ 492,663							\$ 2,952,284
Funding Balance Remainga			\$ 16,373,135							
Current Year 2022										
Terminal Design Total to 100% Level 4			\$ 2,590,608							\$ 2,590,608
<i>Sealcoat T-Hangar Taxilanes</i>								\$ 25,085		\$ 25,085
<i>Repair Terminal Parking Lot</i>								\$ 50,000		\$ 50,000
<i>Repair Taxiways Stearman & Northrop</i>								\$ 70,000		\$ 70,000
Totals 2022			\$ 2,590,608					\$ 145,085		\$ 2,735,693
Funding Balance Remainga			\$ 13,782,527	\$ 295,000						
2023										
New Terminal Construction			\$ 13,782,527	\$ 590,000		\$ 29,500	\$ 29,500	\$ 4,000,000		\$ 18,431,527
Runway 15-33 Widening Design	\$ 150,000					\$ 458,333	\$ 58,333			\$ 666,666
General Aviation Hangar Area Environmental Review								\$ 20,000		\$ 20,000
Equipment Replacement: Operations Vehicle								\$ 40,000		\$ 40,000
<i>Technology & Transportation Hub (ARPA & AIMS)</i>									\$ 30,000,000	\$ 30,000,000
<i>ARPA Terminal Funding Request</i>									\$ 15,000,000	\$ 15,000,000
<i>BIL Terminal Funding Request</i>					\$ 6,500,000					\$ 6,500,000
Totals 2023	\$ 150,000		\$ 13,782,527	\$ 590,000	\$ 6,500,000	\$ 487,833	\$ 87,833	\$ 4,060,000	\$ 45,000,000	\$ 70,658,193
Funding Balance Remainga				TBD						
2024										
New Terminal Construction				\$ 1,000,000		\$ 55,555	\$ 55,555			\$ 1,111,110
Runway 15-33 Widening Construction	\$ 1,000,000	\$ 11,469,475				\$ 250,000	\$ 1,135,497			\$ 13,854,972
Taxilane Stearman Upgrades								\$ 300,000		\$ 300,000
Fuel Farm Capacity Expansion Environmental & Design						\$ 125,000	\$ 125,000			\$ 250,000
<i>Taxiway B & D Reconstruct</i>								\$ 600,000		\$ 600,000
<i>Broom Truck SRE</i>								\$ 400,000		\$ 400,000
<i>General Aviation Hangar Area Design & Construction</i>								\$ 945,000		\$ 945,000
Totals 2024	\$ 1,000,000	\$ 11,469,475		\$ 1,000,000		\$ 430,555	\$ 1,316,052	\$ 2,245,000		\$ 17,461,082
Funding Balance Remainga										
2025										
Taxiway D/A1 realignment & reposition with private ramp	\$ 1,000,000					\$ 55,555	\$ 55,555			\$ 1,111,110
Fuel Farm Capacity Expansion Construction				\$ 400,000		\$ 400,000	\$ 140,000			\$ 940,000
Totals 2025	\$ 1,000,000			\$ 400,000		\$ 455,555	\$ 195,555			\$ 2,051,110
Funding Balance Remainga	\$ -									
2026										

Taxiway A Rehab, Lighting & Signage Design	\$ 600,000					\$ 33,333	\$ 33,333			\$ 666,666
SRE Building Pavement Expansion Design & Construct	\$ 400,000					\$ 22,222	\$ 22,222			\$ 444,444
GA Apron Reconstruct				\$ 1,000,000		\$ 55,555	\$ 55,555			\$ 1,111,110
General Aviation Apron & Taxiway Sealcoat and Restripe						\$ 388,890	\$ 77,933			\$ 466,823
Totals 2026	\$ 1,000,000			\$ 1,000,000		\$ 500,000	\$ 189,043			\$ 2,689,043
Funding Balance Reminaing	\$ -									
2027										
Taxiway A Rehab, Lighting & Signage Construction	\$ 1,000,000	\$ 6,840,890				\$ 250,000	\$ 621,210			\$ 8,712,100
Totals 2027	\$ 1,000,000	\$ 6,840,890				\$ 250,000	\$ 621,210			\$ 8,712,100
Funding Balance Reminaing	\$ -									
Totals	\$ 5,825,087	\$ 19,094,899	\$ 16,865,798	\$ 2,990,000	\$ 6,500,000	\$ 2,123,943	\$ 2,409,693	\$ 6,450,085	\$ 45,000,000	\$ 107,259,505

The information below is an excerpt from the Adopted Airport Master Plan. Projects highlighted in green are complete, yellow in progress, and red are included in the CIP through 2027.

NORTHERN COLORADO REGIONAL AIRPORT (FNL)
 Cities of Loveland and Fort Collins, Colorado

FNL - MP - V6

Schedule 9-2

Master Plan - Financial Implementation Analysis
 Projected Capital Funding Sources

25-Aug-20

		Total Escalated Costs	AIP Entitlement Funding	AIP Discretionary Funding	CARES Capital Funding	Total AIP/CARES Funding	CDOT Aviation Grants	Passenger Facility Charges (Debt)	Passenger Facility Charges (PAYG)	Private 3rd Party Funding	Funding Shortfall	Cash Reserves/ Net Revs	Total Required Funding
Capital Improvement Projects													
Short Term Projects (2020-2024)													
Capital Projects 2020													
A1	Design & Environmental for De-ice Pad and Tanks, Commercial Apron Expansion & TW E - A320 Design Aircraft	\$339,207	\$305,286		\$33,921	\$339,207						\$0	\$339,207
A2	Design New Terminal, Supporting Infrastructure, & CATEX (Phase I)	1,200,000			1,200,000	1,200,000						0	1,200,000
	Totals for 2020	\$1,539,207	\$305,286	\$0	\$1,233,921	\$1,539,207	\$0	\$0	\$0	\$0	\$0	\$0	\$1,539,207
Capital Projects 2021													
A3	Construct De-ice Pad and Tanks, Commercial Apron Expansion & TW E - A320 Design Aircraft (Phase I)	\$2,700,000	\$1,529,714	\$900,286		\$2,430,000	\$135,000					\$135,000	\$2,700,000
A4	Rehabilitate Stearman Taxiway (Design and Construct)	278,000				0	250,000					28,000	278,000
	Totals for 2021	\$2,978,000	\$1,529,714	\$900,286	\$0	\$2,430,000	\$385,000	\$0	\$0	\$0	\$0	\$163,000	\$2,978,000
Capital Projects 2022													
A5	Rehabilitate Northrop Taxiway (Design and Construct)	\$450,000				0	\$300,000					\$150,000	\$450,000
A6	Construct New Terminal (Phase I)	12,000,000			12,000,000	12,000,000						0	12,000,000
A7	Construct Landside and Roadway Improvements	2,000,000			1,665,798	1,665,798						334,202	2,000,000
A8	Taxiway D Reconstruct and Strengthen All of Taxiway to 30K lbs	1,111,111	1,000,000			1,000,000	55,556					55,555	1,111,111
A9	Construct New South GA Ramp	5,700,000				0				5,700,000		0	5,700,000
	Totals for 2022	\$21,261,111	\$1,000,000	\$0	\$13,665,798	\$14,665,798	\$355,556	\$0	\$0	\$5,700,000	\$0	\$539,757	\$21,261,111
Capital Projects 2023													
A10	Design and Construct Seal Coat and Crack Repair for All Existing GA Ramp Areas (Phase I)	\$546,364				0	0			\$109,273		\$437,091	\$546,364
A11	Design RW 15/33 Widening to 150 feet & Rehab and Lighting & Signage for A320 Design Aircraft, Taxiway A Pavement Rehab	1,215,112	1,000,000			1,000,000	55,556		159,557			0	1,215,112
A12	Broom Truck SRE Replacement	764,909		688,418		688,418	38,245		38,245			0	764,909
	Totals for 2023	\$2,526,385	\$1,000,000	\$688,418	\$0	\$1,688,418	\$93,801	\$0	\$197,802	\$109,273	\$0	\$437,091	\$2,526,385
Capital Projects 2024													
A13	Construct RW 15/33 Widening to 150 feet & Rehab and Lighting & Signage for A320 Design Aircraft, Taxiway A Pavement Rehab	\$14,631,615	\$1,000,000	\$12,168,453		\$13,168,453	\$250,000		\$300,000			\$913,161	\$14,631,615
	Totals for 2024	\$14,631,615	\$1,000,000	\$12,168,453	\$0	\$13,168,453	\$250,000	\$0	\$300,000	\$0	\$0	\$913,161	\$14,631,615
	Total Short Term Project Funding Before Financing	\$42,936,317	\$4,835,000	\$13,757,157	\$14,899,719	\$33,491,876	\$1,084,357	\$0	\$497,802	\$5,809,273	\$0	\$2,053,010	\$42,936,317
	Financing Costs for Debt Serviced with PFCs							0					0
	Total Short Term Project Funding	\$42,936,317	\$4,835,000	\$13,757,157	\$14,899,719	\$33,491,876	\$1,084,357	\$0	\$497,802	\$5,809,273	\$0	\$2,053,010	\$42,936,317

**NORTHERN COLORADO REGIONAL AIRPORT (FNL)
Cities of Loveland and Fort Collins, Colorado**

FNL - MP - V6

Schedule 9-2

**Master Plan - Financial Implementation Analysis
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25-Aug-20

Capital Improvement Projects		Total Escalated Costs	AIP Entitlement Funding	AIP Discretionary Funding	CARES Capital Funding	Total AIP/CARES Funding	CDOT Aviation Grants	Passenger Facility Charges (Debt)	Passenger Facility Charges (PAYG)	Private 3rd Party Funding	Funding Shortfall	Cash Reserves/ Net Revs	Total Required Funding
Mid Term Projects (2025-2029)													
B1	Fuel Farm Relocation (Design, Environmental, and Construct)	\$541,145				\$0	500,000					\$41,145	\$541,145
B2	Commercial Apron Maintenance	639,534	575,581			575,581	31,977		31,977			0	639,534
B3	Extend Portions of Lindbergh Rd. for Connection to Hangar Development and Extend Cessna St. to Lindbergh Dr.	5,214,665				0					5,214,665	0	5,214,665
B4	Rehab Existing ARFF Truck	172,182	154,964			154,964	8,609		8,609			0	172,182
B5	Reconstruct Taxiway B and Ramp												
	Rehabilitation/Reconstruction, Including Drainage Improvements	2,309,457				0					2,309,457	0	2,309,457
B6	Terminal Parking, Reconstruction and Expansion (Phase II)	4,427,546				0					4,427,546	0	4,427,546
B7	Construct De-ice Pad and Tanks, Commercial Apron Expansion & TW E - A320 Design Aircraft (Phase II)	1,673,931	1,000,000	506,538		1,506,538	83,697		83,697			0	1,673,931
B8	Runway 6/24 Seal Coating & Pavement Maintenance	491,950				0				491,950		0	491,950
B9	Remote Tower Permanent Facility 50 feet x 50 feet												
	Building Plus Vehicle Parking	1,217,575				0	500,000				592,575	125,000	1,217,575
B10	High Speed Runway Broom Replacement	922,405	830,165			830,165	46,120		46,120			0	922,405
B11	Terminal Expansion Design and Supporting Infrastructure (Phase II)	1,229,874				0	250,000		550,000		429,874	0	1,229,874
B12	Six E-Charging Stations for Aircraft	1,171,086				0					1,171,086	0	1,171,086
B13	Demo Two Rows of T-Hangars and Construct 2 Large Corporate Hangars	5,509,835				0				5,509,835		0	5,509,835
B14	Construct Phase I ADG I T-Hangars with Restroom and Apron	5,337,653				0				5,337,653		0	5,337,653
B15	Reconstruct and Widen Piper Taxilane (Dual Parallel Taxilane to GA Hangars SE) Including Drainage and Utility Modification/Relocation, and Close Grumman Taxilane	2,533,540				0					2,533,540	0	2,533,540
B16	Terminal Access Loop Road and Terminal Parking Expansion (Phase II)	7,416,139				0					7,416,139	0	7,416,139
B17	Terminal Expansion (Phase II)	9,838,991	1,000,000	5,000,000		6,000,000	250,000	1,250,000			2,338,991	0	9,838,991
B18	SRE Equipment Replacement	688,729	619,856			619,856	34,436		34,436			0	688,729
B19	Easement Acquisition for RW 15 RPZ	356,663	320,997			320,997	17,833		17,833			0	356,663
B20	SRE Equipment Replacement	491,950	442,755			442,755	24,597		24,597			0	491,950
B21	Reconstruct West Half of Stearman Taxilane (Design and Construct)	491,950				0					491,950	0	491,950
B22	Reconstruct Northrop Taxilane (Design and Construct)	1,629,583				0					1,629,583	0	1,629,583
B23	New FBO Building & Hangar (Private)	5,362,250				0				5,362,250		0	5,362,250
B24	Reconstruct Runway 6/24, 40 feet by 2,273 feet	2,361,358				0					2,361,358	0	2,361,358
B25	Expand Commercial Apron to the North with New Connector, Concrete (Phase II)	3,615,829				0					3,615,829	0	3,615,829
B26	Phase II ADG I T-Hangars (SE) with Apron - One Row of T-s and Associated Taxilanes	3,861,804				0				3,861,804		0	3,861,804
B27	Taxiway F (parallel to 6/24) (Design and Construct)	3,443,647				0				3,443,647		0	3,443,647
B28	RW 15 MALS Approach Lighting & Procedure Improvements	5,903,395				0					5,903,395	0	5,903,395
Total Mid Term Project Funding Before Financing		\$78,854,665	\$4,944,318	\$5,506,538	\$0	\$10,450,856	\$1,747,270	\$1,250,000	\$797,270	\$24,007,138	\$40,435,988	\$166,145	\$78,854,665
Financing Costs for Debt Serviced with PFCs		59,711						59,711					59,711
Total Mid Term Project Funding		\$78,914,376	\$4,944,318	\$5,506,538	\$0	\$10,450,856	\$1,747,270	\$1,309,711	\$797,270	\$24,007,138	\$40,435,988	\$166,145	\$78,914,376

NORTHERN COLORADO REGIONAL AIRPORT

Map Type: PCI Timeline: 2022



PAVEMENT CONDITION INDEX (PCI):



Asset Number	Year	Make/Model	Description
0902	1996	Ford F700 Walter	ARFF 54
0903	1993	E-ONE TITAN	ARFF 53
0904	2015	E-ONE TITAN	ARFF 44
1400	2002	INTERNATIONAL 2674	Liquid De-ICE
1401	2012	Chevrolet 1500	Operations & Maintenance Vehicle
1402	2009	GMC K2500	Operations & Maintenance Vehicle
1403	2020	Cherolet 1500	Operations & Maintenance Vehicle
1405	1993	Oskosh HB-2418B	Runway Snow Blower
1406	1989	GMC C3500	Orange 1 ton Runway Deice
1407	2006	Chevrolet K2500	Operations & Maintenance Vehicle & Plow
1410	1990	John Deere 4050	Batwing Mower Tractor
1411	1993	Case 7120	Batwing Mower Tractor
1412	2002	Inernational Paystar 5000	Denver Surplus Runway Plow
1413	2003	Inernational Paystar 5000	Denver Surplus Runway Plow
1414	2007	Freightliner Westerstar	Western Star Runway Broom
1415	2013	Western Star 4900SB	Western Star Runway Plow
1416	2008	Volvo 110F	Volvo Loader Plow/ Pusher
1417	2009	Contant C-915D	Contant Snow Blower
1419	1999	S&S SSBC-1836C	Stewart Stevenson Runway Broom
8305	1998	International 4900	White Streets Plow