

Capital Improvement Program (CIP) Data Sheet

See the instructions section for information on completing this FAA Central Region form.

Airport Name, LOCID, City, State:	Fairmont State Airfield, FMZ, Fairmont, Nebraska		
AIP Project Type:	Rehabilitate Parallel Taxiway and Connecting Taxiways to Runway 17/35		
Local Priority:	1 - Very high	Federal Share:	\$ 1,531,800
Federal FY Requested:	2025	State Share:	\$
		Local Share:	\$ 170,200
		Total Project Cost:	\$ 1,702,000

Provide detailed project scope and justification below. You must attach on a *separate* sheet or PDF a sketch/drawing that clearly depicts the scope of the project.

Project Description: Rehabilitate Parallel Taxiway and Connecting Taxiways to Runway 17/35

Justification: The existing asphalt taxiways have exceeded the useful life of the pavement. Rehabilitation is necessary in order to preserve the existing airside pavement in a safe condition for aviation operations.

Airport Layout Plan (ALP) Status: The project is shown on the approved ALP.

Environmental (NEPA) Determination: Categorically excluded per Section 5-6.4e FAA Order 1050.1F.

Pavement Proj. PCI Score: PCI score from 2021 rates the parallel taxiway in poor condition (PCI 46). The north and south connectors are rated satisfactory (PCI 71 & 80) and the mid-field connector is rated in fair condition (PCI 69).

Pavement Project Dimensions: The parallel taxiway is 25' wide and the connecting taxiways to Runway 17/35 are 30' & 35' wide.

Pavement Project Apron Calculations: Not Applicable.

Clear Approach and Departure Surfaces: To the best of our knowledge all surfaces in AC 150/5300-13 and FAA Order 8260.3 are clear.

FAA-Owned Facility Impact: There are no FAA-owned facilities on the airport.

Snow Removal Equipment (SRE) Inventory and Sizing Calculations: Not Applicable.

Useful Life: The pavement is at least 30 years old, which exceeds the useful life listed in FAA Order 5100.38, Table 3-8.


AIP Funded Equipment Disposal: None.

Revenue Producing Project: Not Applicable.

Land Ownership: The Nebraska Department of Transportation has the use and occupancy of all land upon which AIP funds will be expended for development. In accordance with Nebraska Statute 3-503, the title of real property remains with the State of Nebraska.

Attached is a drawing identifying the improvement areas and a breakdown of the estimated project costs.

Sponsor Signature Block

Signature:		Date:	02/02/2024
Printed Name:	Jeremy Borrell	Title:	NDOT Division of Aeronautics Director
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Fairmont State Airfield
Taxiway Rehabilitation
Estimate of Project Costs

Item No.	Description	Estimated Qty	Unit	Unit Price	Total Amount
1	Mobilization	1	LS	\$ 25,000.00	\$ 25,000.00
2	Concrete Pavement Removal	1,440	SY	\$ 40.00	\$ 57,600.00
3	Concrete Crack Repair	2,500	LF	\$ 4.00	\$ 10,000.00
4	Marking Removal	10,000	SF	\$ 1.00	\$ 10,000.00
5	Concrete Spall Repair	500	SF	\$ 35.00	\$ 17,500.00
6	Concrete Pavement Gringing	200	LF	\$ 55.00	\$ 11,000.00
7	4" Subbase Course	500	SY	\$ 25.00	\$ 12,500.00
8	6" NDOT 47B-4000 PCC	1,440	SY	\$ 160.00	\$ 230,400.00
9	Joint Sealing Filler	75,000	LF	\$ 2.50	\$ 187,500.00
10	Asphaltic Concrete, TYPE SPR	4,000	TON	\$ 115.00	\$ 460,000.00
12	Performance Grade Binder	220	TON	\$ 790.00	\$ 173,800.00
13	Tack Coat	4,000	GAL	\$ 6.00	\$ 24,000.00
14	2" Cold Milling	17,000	SY	\$ 6.00	\$ 102,000.00
15	Marking with Reflective Media	10,000	SF	\$ 1.00	\$ 10,000.00
17	Concrete Mix Design	1	LS	\$ 5,000.00	\$ 5,000.00
18	Construction Layout & Staking	1	LS	\$ 5,000.00	\$ 5,000.00
19	Temporary Safety & Phasing Procedures	1	LS	\$ 500.00	\$ 500.00
				Subtotal	\$ 1,341,800.00
Administrative Costs					\$ 10,000.00
Engineering Costs					\$ 350,000.00
				Total (rounded)	\$ 1,702,000.00
				Federal Share	\$ 1,531,800.00
				Local Share	\$ 170,200.00