

Capital Improvement Program (CIP) Data Sheet

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

Airport Name, LOCID, City, State:	Harvard State Airfield, 08K, Harvard, Nebraska		
AIP Project Type:	Rehabilitate Taxiways and Drainage Improvements		
Local Priority:	1 - Very high	Federal Share:	\$ 1,412,100
Federal FY Requested:	2025	State Share:	\$
		Local Share:	\$ 156,900
		Total Project Cost:	\$ 1,569,000

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 Taxiways and Drainage Improvements

Justification: The existing PCC and 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. A drainage study also needs to be conducted as there are locations where the pavement is being undermined.

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 2019 rates the parallel taxiway in poor condition (PCI 41). The connector on the North end is rated satisfactory (PCI 71) and the mid-field connector is rated in poor condition (PCI 63).

Pavement Project Dimensions: The parallel taxiway and the connecting taxiways to Runway 17/35 are 40' 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
Phone Number:	(402) 471-2371	Email:	jeremy.borrell@nebraska.gov



Harvard State Airfield
Taxiway Rehabilitation & Drainage Improvements
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	1,500	LF	\$ 4.00	\$ 6,000.00
4	Marking Removal	7,440	SF	\$ 1.00	\$ 7,440.00
5	Concrete Spall Repair	250	SF	\$ 35.00	\$ 8,750.00
6	Concrete Pavement Gringing	125	LF	\$ 55.00	\$ 6,875.00
7	4" Subbase Course	470	SY	\$ 25.00	\$ 11,750.00
8	6" NDOT 47B-4000 PCC	1,440	SY	\$ 160.00	\$ 230,400.00
9	Joint Sealing Filler	50,000	LF	\$ 2.50	\$ 125,000.00
10	Asphaltic Concrete, TYPE SPR	2,000	TON	\$ 115.00	\$ 230,000.00
12	Performance Grade Binder	610	TON	\$ 790.00	\$ 481,900.00
13	Tack Coat	2,000	GAL	\$ 6.00	\$ 12,000.00
14	2" Cold Milling	11,025	SY	\$ 6.00	\$ 66,150.00
15	Marking with Reflective Media	6,250	SF	\$ 1.00	\$ 6,250.00
16	Flared End Section Removal	1	LS	\$ 1,000.00	\$ 1,000.00
17	Embankment - Borrow	150	CY	\$ 45.00	\$ 6,750.00
18	24" Reinforced Concrete Pipe (RCP)	50	LF	\$ 125.00	\$ 6,250.00
19	24" RCP Flared End Section	2	EA	\$ 1,500.00	\$ 3,000.00
20	Seeding	1	LS	\$ 3,000.00	\$ 3,000.00
21	Mulch	1	LS	\$ 2,000.00	\$ 2,000.00
22	Installation & Removal of Silt Fence	1	LS	\$ 2,500.00	\$ 2,500.00
23	Concrete Mix Design	1	LS	\$ 4,500.00	\$ 4,500.00
24	Construction Layout & Staking	1	LS	\$ 4,500.00	\$ 4,500.00
25	Temporary Safety & Phasing Procedures	1	LS	\$ 500.00	\$ 500.00
Subtotal					\$ 1,309,115.00
Administrative Costs					\$ 10,000.00
Engineering Costs					\$ 250,000.00
Total (rounded)					\$ 1,569,000.00
Federal Share					\$ 1,412,100.00
Local Share					\$ 156,900.00