

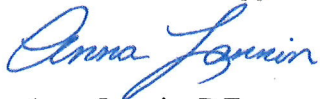
NEBRASKA AERONAUTICS COMMISSION

December 6, 2024

FEDERAL AID PROJECT REQUESTS

Airport	Scope		Total	Potential Funding Source
David City	1	(R05) Runway Rehabilitation	\$629,000	Non-Primary Entitlement
David City Total			\$629,000	
Falls City	2	(X02) Relocate Midfield Connector Taxiway	\$666,500	Non-Primary Entitlement & BIL
Falls City Total			\$629,000	

We recommend approval to forward these requests to the FAA for consideration of future funding.



Anna Lannin, P.E.
Engineering Division Manager

PROJECT David City Municipal Airport (R05)

STATE CLASSIFICATION:
Local

SCOPE Runway Rehabilitation

DATE OF ESTIMATE 30-Oct-24

COST ESTIMATE:

Construction	\$503,150.00		
Engineering & Administration	\$125,850		
Total	\$629,000.00	ROUNDED \$	629,000.00

FUNDS:

<u>State</u>	<u>Sponsor</u>	<u>Federal</u>	<u>Total</u>
\$0	\$62,900	\$566,100	\$629,000
0%	10%	90%	

BASED AIRCRAFT:

Single	11
Multi	0
Jet	0
Helicopters	0
Gliders	0
Military	0
Ultra-Lights	0
Total	11

OPERATIONS:

Air Carrier	0
Air Taxi	0
GA Local	3,700
GA Itinerant	500
Military	<u>200</u>
Total	4,400

ZONING STATUS:

Meets NDA Standard.

OBSTRUCTION/SAFETY:

Last Inspection: 6/07/2023, licensing violations corrected.
3 yr License Issued

LAST PROJECT:

Project No. 3-31-0025-017; Land Acquisition

PAVEMENT MAINTENANCE:

Pavement maintenance done on a regular basis.
Pavement condition, 2023 PCI:
Runway: Fair to Good
Taxiways: Fair to Good
Apron: Fair

LAST AIRPORT AUTHORITY MEETING

13-Nov-24
(Meetings are held on the second Wednesday of the month)

FEDERAL AVIATION ADMINISTRATION
 CAPITAL IMPROVEMENT PROGRAM (CIP)
 AIRPORTS DIVISION - CENTRAL REGION

CIP DATA SHEET

SEE INSTRUCTIONS TO COMPLETE THIS INFORMATION

Airport Name, LOCID, City, State:	David City Municipal Airport, 93Y, David City, Nebraska		
AIP Project Type:	Runway Rehabilitation		
Local Priority:	1 - Very High	Federal Share:	\$ 597,550
FFY Requested:	2025	State Share:	\$Click here to enter text.
Provide Detailed Project Scope and Justification Below. You must attach a sketch/drawing that clearly identifies the scope of the project.		Local Share:	\$ 31,450
		Total Project Cost:	\$ \$629,000

Project Description: Rehabilitation of Runway 14/32 including crack repair, joint sealant, full depth asphalt patching of the runway per AC 150/5370-10H.

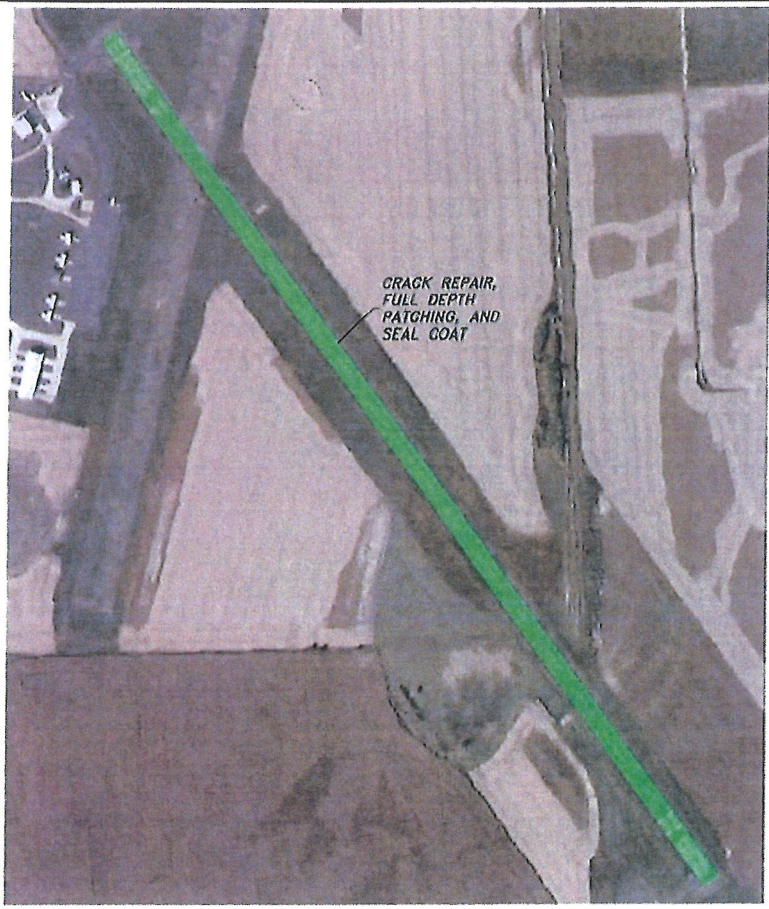
Justification: Significant transverse cracks are making an unsafe condition for aircraft arriving and departing.

ALP Date: 05/28/2024

NEPA Categorical Exclusion: Project is categorically excluded per 5-6.4e

Approaches are clear according to 150/5300-13 Airport Design and Order 8260.3 TERPS.

Land Ownership: As depicted on the current Exhibit A Property Map dated 05/28/2024.



SPONSOR SIGNATURE BLOCK

Signature:	<i>Tami Comte</i>	Date:	<i>10-30-24</i>
Printed Name:	Tami Comte	Title:	City Administrator
Phone Number:	402-367-3135	Email:	tcomte@davidcityne.gov

Project Funding Summary
Runway Rehabilitation
David City Municipal Airport (93Y)
David City, NE

Cost Opinion
FFY 2025

Date: 10/28/2024

Item No.	Description	Estimated Quantity	Units	Unit Price	Amount
1	Mobilization	1	LS	\$ 40,000.00	\$ 40,000.00
2	Construction Safety Plan and Traffic Control	1	LS	\$ 15,000.00	\$ 15,000.00
3	Pavement Marking Removal	9000	SF	\$ 1.20	\$ 10,800.00
4	Overexcavation	500	CY	\$ 30.00	\$ 15,000.00
5	Crack Repair / Seal Joints (<0.5")	2500	LF	\$ 3.50	\$ 8,750.00
6	Crack Repair / Seal Joints (<0.5" - 1.5")	1500	LF	\$ 4.00	\$ 6,000.00
8	Full Depth Asphalt Patching	800	SY	\$ 350.00	\$ 280,000.00
9	P-608 Seal Coat	25000	SY	\$ 4.00	\$ 100,000.00
10	Seeding	0.7	AC	\$ 4,000.00	\$ 2,800.00
11	Mulch	0.7	AC	\$ 4,000.00	\$ 2,800.00
12	Pavement Marking (Temporary)	1	LS	\$ 7,000.00	\$ 7,000.00
13	Pavement Markings (Permanent)	1	LS	\$ 15,000.00	\$ 15,000.00
14					\$ -
TOTAL					\$ 503,150.00

Construction Engineering and Administration

\$ 125,850.00

Project Total

\$ 629,000.00

PROJECT Brenner Field - Falls City (X02)

STATE CLASSIFICATION:
Regional

SCOPE Relocate Midfield Connector Taxiway

DATE OF ESTIMATE 13-Nov-24

COST ESTIMATE:

Construction	\$533,075.00		
Engineering & Administration	\$133,269		
Total	\$666,343.75	ROUNDED	\$666,500.00

FUNDS:

<u>State</u>	<u>Sponsor</u>	<u>Federal</u>	<u>Total</u>
\$0	\$66,650	\$599,850	\$666,500
0%	10%	90%	

BASED AIRCRAFT:

Single	19
Multi	1
Jet	0
Helicopters	0
Gliders	0
Military	0
Ultra-Light	0

OPERATIONS:

Air Carrier	0
Air Taxi	0
GA Local	3,500
GA Itinerant	1,450
Military	20

Total	20	Total	4,970
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ZONING STATUS:

Meets NDA Standard.

OBSTRUCTION/SAFETY:

Last Inspection date: 7/19/2023
No Discrepancies

LAST PROJECT:

Project No. 3-31-0028-018/019 Pavement Rehab

PAVEMENT MAINTENANCE:

Pavement maintenance done on a regular basis.
Pavement condition, 2023 PCI:
Runways: Good
Taxiways: Good
Aprons: Good

LAST AIRPORT AUTHORITY MEETING

4-Dec-24
(Meetings are held on the 1st Wednesday of the month)



Capital Improvement Program (CIP) Data Sheet

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

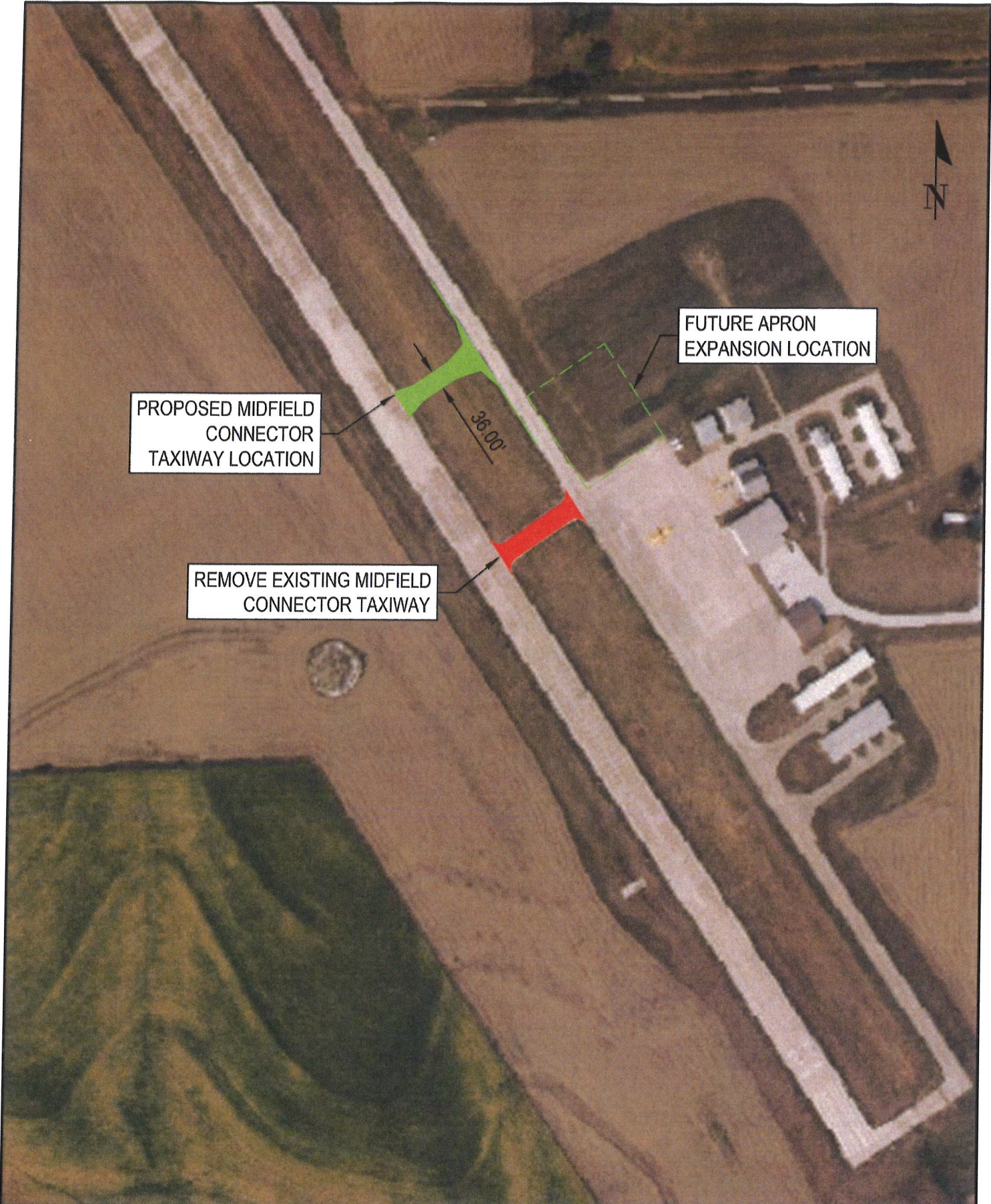
Airport Name, LOCID, City, State:	Brenner Field Airport, FNB, Falls City, Nebraska		
AIP Project Type:	RELOCATE MIDFIELD CONNECTOR TAXIWAY		
Local Priority:	2 - High	Federal Share:	\$ 599,709
Federal FY Requested:	2025	State Share:	\$ 0
		Local Share:	\$ 66,634
		Total Project Cost:	\$ 666343

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: Relocate Midfield Connector Taxiway
 Justification: Lower the risk of a runway incursion by eliminating direct access from the apron to the runway by staggering the alignment of the connector taxiway to the parallel taxiway and apron. This relocation will bring runway access to the apron in compliance with Section 4.3.5 of AC 150/5300-13B.
 Airport Layout Plan (ALP) Status: In Process.
 Environmental (NEPA) Determination: Categorically excluded per Section 5-6.4e FAA Order 1050.1F.
 Pavement Project PCI Score: The PCI scores from 2020 ranged from 90-98.
 Pavement Project Dimensions: 35' wide by 185' long with fillets and lead-ins.
 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: None. National Weather Service ASOS facility on the airport. No Impact.
 Snow Removal Equipment (SRE) Inventory and Sizing Calculations: Not Applicable.
 Useful Life: The pavement is over 50 years old, which exceeds the useful life listed in FAA Order 5100.38D, Table 3.7.
 AIP Funded Equipment Disposal: None.
 Revenue Producing Project: Not Applicable.
 Land Ownership: The Airport Authority 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 city of Falls City.

Sponsor Signature Block

Signature:	David H. Mullins	Digitally signed by David H. Mullins Date: 2024.11.14 08:48:22 -06'00'	Date:	11/13/2024
Printed Name:	Dave Mullins		Title:	Chair
Phone Number:	402-801-1364		Email:	dmandjm@sentco.net



PROPOSED MIDFIELD
CONNECTOR
TAXIWAY LOCATION

FUTURE APRON
EXPANSION LOCATION

REMOVE EXISTING MIDFIELD
CONNECTOR TAXIWAY

36.00'



PROJECT NO:	N/A	PROPOSED PROJECT BRENNER FILED AIRPORT (FNB) FALLS CITY, NEBRASKA		3260 FOLKWAYS BLVD. SUITE B	EXHIBIT
DRAWN BY:	TDH			LINCOLN, NE 68504	1
DATE:	OCT. 29, 2024			PH: 402-786-2203 WWW.MIDWESTE.COM	

**ENGINEERS ESTIMATED COST OF CONSTRUCTION
BRENNER FIELD AIRPORT (FNB)
FALLS CITY, NEBRASKA
RELOCATE MIDFIELD CONNECTOR TAXIWAY**

PROJECT NO.:
Midwest Engineering No.
September 27, 2024

ITEM NO.	FAA ITEM NO.	DESCRIPTION OF WORK	UNITS	ESTIMATED QUANTITY	TOTAL PROJECT COST		AIP ELIBIGLE COST	TOTAL SPONSOR COST
					UNIT COST	TOTAL		
1		MOBILIZATION	LS	1.00	\$175,000.00	\$175,000.00	\$157,500.00	\$17,500.00
2		CONCRETE PAVEMENT AND AGGREGATE BASE REMOVAL	SY	910.00	\$20.00	\$18,200.00	\$16,380.00	\$1,820.00
3		UNCLASSIFIED EXCAVATION	CY	1,200.00	\$15.00	\$18,000.00	\$16,200.00	\$1,800.00
4		UNSUITABLE SUBGRADE REMOVAL AND REPLACEMENT	CY	200.00	\$25.00	\$5,000.00	\$4,500.00	\$500.00
5		4" CRUSHED AGGREGATE BASE COURSE	SY	900.00	\$18.00	\$16,200.00	\$14,580.00	\$1,620.00
6		6" CONCRETE PAVEMENT	SY	1,000.00	\$110.00	\$110,000.00	\$99,000.00	\$11,000.00
7		PAVEMENT MARKING WITH REFLECTIVE MEDIA	SF	550.00	\$4.00	\$2,200.00	\$1,980.00	\$220.00
8		PAVEMENT MARKING WITHOUT REFLECTIVE MEDIA	SF	1,100.00	\$3.00	\$3,300.00	\$2,970.00	\$330.00
9		TEMPORARY PAVEMENT MARKING	SF	1,650.00	\$2.50	\$4,125.00	\$3,712.50	\$412.50
10		24" REINFORCED CONCRETE PIPE	LF	110.00	\$125.00	\$13,750.00	\$12,375.00	\$1,375.00
11		24" RCP FLARED END SECTION	EA	2.00	\$1,800.00	\$3,600.00	\$3,240.00	\$360.00
12		UNDERDRAIN RISER	EA	4.00				
13		4" PERFORATED UNDERDRAIN PIPE	LF	640.00	\$35.00	\$22,400.00	\$20,160.00	\$2,240.00
14		4" NON-PERFORATED UNDERDRAIN PIPE	LF	80.00	\$30.00	\$2,400.00	\$2,160.00	\$240.00
15		UNDERDRAIN OUTLET STRUCTURE	EA	4.00	\$1,500.00	\$6,000.00	\$5,400.00	\$600.00
16		SEEDING	AC	2.00	\$2,500.00	\$5,000.00	\$4,500.00	\$500.00
17		MULCHING	AC	2.00	\$1,500.00	\$3,000.00	\$2,700.00	\$300.00
18		INSTALL CABLE IN DUCT	LF	1,000.00	\$5.00	\$5,000.00	\$4,500.00	\$500.00
19		BARE COUNTERPOISE WIRE	LF	1,000.00	\$6.00	\$6,000.00	\$5,400.00	\$600.00
20		2" ELECTRICAL DUCT AND TRENCH	LF	1,000.00	\$12.00	\$12,000.00	\$10,800.00	\$1,200.00
21		1-2" PVC, SCH 40, CONCRETE ENCASED ELEC DUCT	LF	80.00	\$70.00	\$5,600.00	\$5,040.00	\$560.00
22		2" PVC, SCH 80, BORE DUCT UNDER PAVEMENT	LF	80.00	\$100.00	\$8,000.00	\$7,200.00	\$800.00
23		ELECTRICAL JUNCTION BOX	EA	4.00	\$1,500.00	\$6,000.00	\$5,400.00	\$600.00
24		REMOVE EXISTING T/W LIGHTS, GUIDANCE SIGN, AND FOUNDATIONS	LS	1.00	\$20,000.00	\$20,000.00	\$18,000.00	\$2,000.00
25		FURNISH AND INSTALL M.I.T.L. & M.I.R.L., BASE MOUNTED	EA	16.00	\$1,800.00	\$28,800.00	\$25,920.00	\$2,880.00

**ENGINEERS ESTIMATED COST OF CONSTRUCTION
BRENNER FIELD AIRPORT (FNB)
FALLS CITY, NEBRASKA
RELOCATE MIDFIELD CONNECTOR TAXIWAY**

PROJECT NO.:
Midwest Engineering No.
September 27, 2024

ITEM NO.	FAA ITEM NO.	DESCRIPTION OF WORK	UNITS	ESTIMATED QUANTITY	TOTAL PROJECT COST		AIP ELIBIGLE COST	TOTAL SPONSOR COST
					UNIT COST	TOTAL		
26		FURNISH AND INSTALL NON-LIGHTED SIGN AND FOUNDATION	EA	2.00	\$3,500.00	\$7,000.00	\$6,300.00	\$700.00
27		CONSTRUCTION LAYOUT AND STAKES	LS	1.00	\$6,500.00	\$6,500.00	\$5,850.00	\$650.00
28		TEMPORARY SAFETY AND PHASING PROCEDURES	LS	1.00	\$20,000.00	\$20,000.00	\$18,000.00	\$2,000.00
		TOTAL ESTIMATED CONSTRUCTION COST OF BASE BID				\$533,075.00	\$479,767.50	\$53,307.50
		ESTIMATED DESIGN, CONSTRUCTION SERVICES & ADMINISTRATION COST				\$133,268.75	\$119,941.88	\$13,326.88
		TOTAL COST				\$666,343.75	\$599,709.38	\$66,634.38