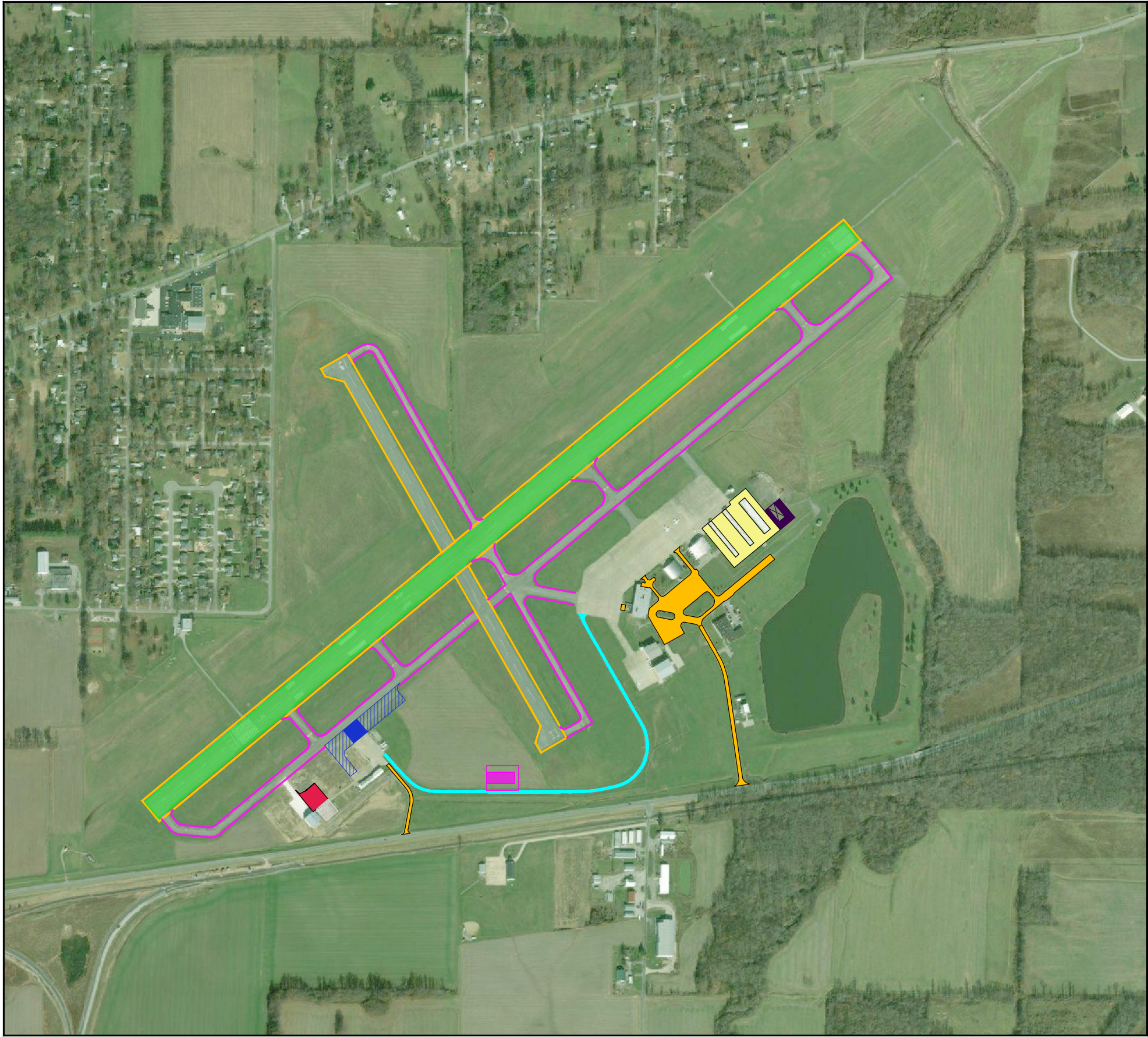
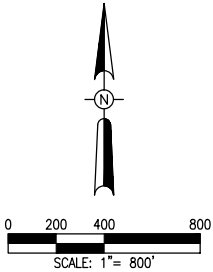


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LEGEND

PRIORITY	F.Y.	PROJECT DESCRIPTION
CLOSEOUT	2019	INSTALL PERIMETER FENCE
CONSTR.	2021	OVERLAY PERIMETER SERVICE RD
REBID	2022	REPLACE RUNWAY LIGHTING
REBID	2022	REPLACE TAXIWAY LIGHTING
PROG.	RBI	REHABILITATE PARKING LOT, ENTRANCE ROAD AND APRON ACCESS POINTS (S/L)
1	2024	ACQUIRE CRASH TRUCK
2	2024	REPLACE RUNWAY GUIDANCE SIGNS
3	2024	REPLACE TAXIWAY GUIDANCE SIGNS
4	2025	CONSTRUCT SRE BUILDING
5	2026	CONSTRUCT RAMP, INNOVATION PARK
6	2027	RUNWAY 5-23 PVMT MAINTENANCE
7	2028	REHABILITATE SOUTH APRON
8	2028	REHABILITATE T-HGR TAXILANES
9	2029	CONSTR. T-HANGAR TAXILANE PVMT



DATE	REVISION

MT. VERNON OUTLAND AIRPORT
MT. VERNON AIRPORT AUTHORITY
MT. VERNON, JEFFERSON COUNTY, ILLINOIS
2024 - 2028 TIPS

HANSON PROJECT			MVN FY TIPS
FILENAME			MVN-TIPS_2024-2028
SCALE			1"=800' (Approx.)
DATE			12/12/22
LAYOUT	BSS	10/12/22	
DRAWN	JRH	10/12/22	
REVIEWED	BSS	10/12/22	

**HANSON**

Hanson Professional Services Inc.

1525 South Sixth Street

Springfield, Illinois 62703

Offices Nationwide www.hanson-inc.com

PROPOSED AIRFIELD IMPROVEMENTS

Mt. Vernon Outland Airport (MVN)																		
Sponsor Project Priority	AIP Priority Number	Year Requested	Project Title	Project Description	ELEMENTS REQUIRED				JUSTIFICATION			ESTIMATED COST						Notes / Comments
					Project on ALP	Environmental Determination EA / CAT X / EIS	Clear Approaches (From 5010 Inspection Results)	Land Acquired	Apron Sizing Calcs	RGFE Evaluation Form	Bldg Size Calcs / Equipment Inventory	Federal			State	Local	Total	
					Yes / No / NA	Pending or Approval Date	Yes / No	Yes / No / NA	Yes / No / NA	Yes / No / NA	Yes / No / NA	Discretionary / Apportionment	Entitlement	BIL / AIG				
1	89	2024	Acquire Crash Truck	Acquire a new crash truck	Yes	CAT X - Not Started	Yes	NA	NA	NA	NA	\$0	\$0	\$423,000	\$23,500	\$23,500	\$470,000	FY22 BIL + \$264k of FY23 BIL
2	86	2024	Replace Runway Guidance Signs	Replacement of guidance signs on both runways with new LED signs; rewire signs to correct circuits per FAA standards.	Yes	CAT X - Not Started	Yes	Yes	NA	NA	NA	\$480,000	\$150,000	\$0	\$35,000	\$35,000	\$700,000	FY24 NPE + D/A Request (combine with project #3 if possible)
3	81	2024	Replace Taxiway Guidance Signs	Replacement of guidance signs on all taxiways with new LED signs; rewire signs to correct circuits per FAA standards.	Yes	CAT X - Not Started	Yes	Yes	NA	NA	NA	\$202,500	\$0	\$0	\$11,250	\$11,250	\$225,000	D/A Request (combine with project #2 if possible)
4	46	2025	Construct SRE Building	Construct a new snow removal equipment storage building.	Yes	CAT X - Not Started	Yes	Yes	NA	NA	NA	\$0	\$150,000	\$612,000	\$42,332	\$42,333	\$846,667	FY25 NPE + \$28k of FY23 BIL + FY24 BIL + FY25 BIL
5	70	2026	Construct Ramp	Construct a new PCC ramp to serve locally constructed hangar.	Yes	CAT X - Not Started	Yes	Yes	No	NA	NA	\$0	\$150,000	\$292,000	\$24,555	\$24,556	\$491,111	FY26 NPE + FY26 BIL
6	81	2027	Runway 5-23 Pavement Maintenance	Pavement maintenance for the Runway 5-23 pavement including crack sealing and marking.	Yes	CAT X - Not Started	Yes	Yes	NA	NA	NA	\$0	\$150,000	\$0	\$8,333	\$8,334	\$166,667	FY27 NPE. 2021 PCI=60-64.
7	69	2028	Rehabilitate South Frontal Area Apron	Rehabilitation of a portion of HMA apron in the south frontal area, near the bulk fuel storage. Work includes mill and replacement of pavement, and removal of pavements no longer utilized or necessary.	Yes	CAT X - Not Started	Yes	Yes	NA	NA	NA	\$185,250	\$150,000	\$0	\$18,625	\$18,625	\$372,500	FY28 NPE + D/A Request. Approx. 1,700 SY. Mill and replace 6".
8	67	2028	Rehabilitate T-Hangar Taxilanes	Rehabilitate the HMA taxilanes in the T-hangar area. (2019 PCI 40-54)	Yes	CAT X - Not Started	Yes	Yes	NA	NA	NA	\$576,000	\$0	\$0	\$32,000	\$32,000	\$640,000	D/A Request. Approx. 13,500 SY. Mill and overlay 3". 2021 PCI=36-53.
9	67	2029	Construct T-Hangar Taxilane Pavement	Construct new taxilane pavement for new Owner-constructed T-hangar building	Yes	CAT X - Not Started	Yes	Yes	NA	NA	NA	\$192,000	\$150,000	\$0	\$19,000	\$19,000	\$380,000	FY29 NPE + D/A Request




Illinois Department of Transportation

Transportation Improvement Program (TIP) Data Sheet

Airport:	Mt. Vernon Outland	LOCID:	MVN	Local Priority:	1
Project Description:	Acquire Crash Truck				FY 2024
Justification:	Acquire a new crash truck to replace an existing 2004 truck due to age of the truck and antiquated nature of the equipment.				
Cost Estimate: (Attach detailed cost estimate)					
Federal (90 %) \$423,000		State (5 %) \$23,500		Local (5 %) \$23,500	
Sponsor Verification		Date: (see instruction sheet)			
For each and every project as applicable	3/18/2010	Date of approved ALP with project drawn			
	CE paragraph 309h	Date of environmental determination (ROD, FONSI, CE) or cite CE paragraph # (307-312) in Order 1050.1E, determination to accompany submittal			
	N/A	Date of land acquisition or signed purchase agreement			
	N/A	Snow removal equipment inventory & sizing worksheet (for SRE acquisition)			
	N/A	Apron sizing worksheet (for apron projects)			
		5010 Inspection Compliance (Attach copy of letter from Bureau of Aviation Safety)			
	N/A	Revenue producing facilities (for fuel farms, hangars, etc.)			

I certify to the best of my belief and knowledge that all runway approaches are clear of obstructions.

Sponsor's Signature:  Date: 12/20/2022
Printed Name: CHRISTOPHER E. COLLINS Title: AIRPORT DIRECTOR
Phone Number: (618) 319-5462

Division of Aeronautics use only

Preapp Number	Grant Number	NPIAS Code	Work Code	FAA Priority	Federal \$



Illinois Department of Transportation
Division of Aeronautics

**2024 TRANSPORTATION IMPROVEMENT PROGRAM
ESTIMATE OF WORK**

Airport Name:	Mt. Vernon Outland		
Associated City:	Mt. Vernon		
Year Requested:	2024	Sponsor Priority:	1

PROJECT TITLE:
Acquire Crash Truck


Estimate of Work							
ITEM	QUANTITY		UNIT PRICE		PRICE	Potential DBE	
	#	Unit(s)	\$	/ Unit		\$	%
EXCAVATION							
Clearing/Grubbing		AC		/ AC			
Unclassified Excavation		CY		/ CY			
Topsoiling		SY		/ SY			
PAVING							
HMA (3")		TON		/ TON			
Curb Replacement		LF		/ LF			
Crack Repair		LF		/ LF			
Prime/Tack		GAL		/ GAL			
Milling		SY		/ SY			
Shoulder Adjustment		SY		/ SY			
Marking		SF		/ SF			
DRAINAGE							
Pipe		LF		/ LF			
Inlets		EA		/ EA			
End Sections		LF		/ LF			
Structures		EA		/ EA			
Underdrain Cleanouts		EA		/ EA			
Underdrains		LF		/ LF			
ELECTRICAL							
Remove lights		EA		/ EA			
New MIRL		EA		/ EA			
New MITL		EA		/ EA			
Electrical Improvements		LS		/ LS			
Cable in UD		LF		/ LF			
Replace guidance sign		EA		/ EA			
Duct bank		LF		/ LF			
Structures		EA		/ EA			
EROSION CONTROL							
Seeding/Mulching/Blanket		AC		/ AC			
Riprap		TON		/ TON			
Temporary Erosion Control		LS		/ LS			
Special		LS		/ LS			
FENCING							
Class C		LF		/ LF			
Class E		LF		/ LF			
Fence Removal		LF		/ LF			
Gates (Manual)		EA		/ EA			
Gates (Electric)		EA		/ EA			
OTHER / MISC.							
Acquire Crash Truck	1	LS	\$450,000.00 / LS		\$450,000.00		
Mobilization		LS	/ LS				
Haul Route		LS	/ LS				
Contingency		LS	/ LS				
Engineering/Admin.	1	LS	\$20,000.00 / LS		\$20,000.00		
Studies (EIS, Drainage, M.P.)			/				
TOTAL COST:					Potential DBE		
					\$	%	
\$470,000.00							



Transportation Improvement Program (TIP) Data Sheet

Airport:	Mt. Vernon Outland	LOCID:	MVN	Local Priority:	2
Project Description:	Replace Runway Guidance Signs				FY 2024
Justification:	Both runway lighting systems have ongoing maintenance issues to to age and condition of lights and buried cables. Runway 5/23 lighting was last replaced in 1996. We cannot find any record of the Runway 15/33 lighting having a major rehabilitation since 1959. Lights and cable are intended to be replaced as part of a FY22 project, to be re-bid on April 2023 letting. Signs were excluded from that project so this project will complete that scope of work of total system replacement.				
Cost Estimate: (Attach detailed cost estimate)					
Federal (90 %) \$630,000		State (5 %) \$35,000		Local (5 %) \$35,000	
		Total: \$700,000			
Sponsor Verification		Date: (see instruction sheet)			
For each and every project as applicable	3/18/2010	Date of approved ALP with project drawn			
	CE paragraph 309b	Date of environmental determination (ROD, FONSI, CE) or cite CE paragraph # (307-312) in Order 1050.1E, determination to accompany submittal			
	N/A	Date of land acquisition or signed purchase agreement			
	N/A	Snow removal equipment inventory & sizing worksheet (for SRE acquisition)			
	N/A	Apron sizing worksheet (for apron projects)			
		5010 Inspection Compliance (Attach copy of letter from Bureau of Aviation Safety)			
	N/A	Revenue producing facilities (for fuel farms, hangars, etc.)			

I certify to the best of my belief and knowledge that all runway approaches are clear of obstructions.

Sponsor's Signature:  Date: 12/20/2022

Printed Name: CHRISTOPHER E. COLLINS Title: AIRPORT DIRECTOR

Phone Number: (618) 315-5462

Division of Aeronautics use only

Preapp Number	Grant Number	NPIAS Code	Work Code	FAA Priority	Federal \$



Illinois Department of Transportation
Division of Aeronautics

**2024 TRANSPORTATION IMPROVEMENT PROGRAM
ESTIMATE OF WORK**

Airport Name:	Mt. Vernon Outland (MVN)		
Associated City:	Mt. Vernon		
Year Requested:	2024	Sponsor Priority:	2


PROJECT TITLE:
Replace Runway Guidance Signs

Estimate of Work							
ITEM	QUANTITY		UNIT PRICE		PRICE	Potential DBE	
	#	Unit(s)	\$	/ Unit		\$	%
EXCAVATION							
Clearing/Grubbing		AC		/ AC			
Unclassified Excavation		CY		/ CY			
Topsoiling		SY		/ SY			
PAVING							
Asphalt (6")		TON		/ TON			
Crushed Aggregate (10")		TON		/ TON			
Prime/Tack		GAL		/ GAL			
Pavement Removal		SY		/ SY			
Soil Stabilization		SY		SY			
Marking		SF		/ SF			
Tie-Downs		EA		/ EA			
DRAINAGE							
Pipe		LF		/ LF			
Inlets		EA		/ EA			
Remove Pipe		EA		/ EA			
Remove Inlets		EA		/ EA			
Underdrain Cleanouts		EA		/ EA			
Underdrains		LF		/ LF			
ELECTRICAL							
Cable	6600	LF		\$4.00 / LF	\$26,400.00		
Duct	6600	LF		\$15.00 / LF	\$99,000.00		
Sign removal	1	LS		\$25,000.00 / LS	\$25,000.00		
Electrical Improvements	1	LS		\$75,000.00 / LS	\$75,000.00		
Signs	33	EA		\$8,000.00 / EA	\$264,000.00		
Structures		EA		/ EA			
EROSION CONTROL							
Seeding/Mulching/Blanket		AC		/ AC			
Riprap		TON		/ TON			
Temporary Erosion Control		LS		/ LS			
Special		LS		/ LS			
FENCING							
Class C		LF		/ LF			
Class E		LF		/ LF			
Fence Removal		LF		/ LF			
Gates (Manual)		EA		/ EA			
Gates (Electric)		EA		/ EA			
OTHER / MISC.							
Field Office	1	LS		\$7,500.00 / LS	\$7,500.00		
Haul Route	1	LS		\$11,250.00 / LS	\$11,250.00		
Mobilization	1	LS		\$60,000.00 / LS	\$60,000.00		
Engineering/Admin./Contingency	1	LS		\$131,850.00 / LS	\$131,850.00		
Studies (EIS, Drainage, M.P.)				/			
TOTAL COST:					Potential DBE		
					\$		%
\$700,000.00							



Airport:	Mt. Vernon Outland	LOCID:	MVN	Local Priority:	3
Project Description:	Replace Taxiway Guidance Signs				FY 2024
Justification:	The taxiway lighting systems have ongoing maintenance issues to to age and condition of lights and buried cables. Lighting on the parallel taxiway to Runway 5/23, and associated connector taxiways, was last replaced in 1983. Lighting on the parallel taxiway to Runway 15/33, and associated connector taxiways, was last replaced in 1979. Lights and cable are intended to be replaced as part of a FY22 project, to be re-bid on April 2023 letting. Signs were excluded from that project so this project will complete that scope of work of total system replacement.				
Cost Estimate: (Attach detailed cost estimate)					
Federal (90 %) \$202,500		State (5 %) \$11,250		Local (5 %) \$11,250	
				Total: \$225,000	
Sponsor Verification		Date: (see instruction sheet)			
For each and every project as applicable		3/18/2010	Date of approved ALP with project drawn		
		CE paragraph 309b	Date of environmental determination (ROD, FONSI, CE) or cite CE paragraph # (307-312) in Order 1050.1E, determination to accompany submittal		
		N/A	Date of land acquisition or signed purchase agreement		
		N/A	Snow removal equipment inventory & sizing worksheet (for SRE acquisition)		
		N/A	Apron sizing worksheet (for apron projects)		
			5010 Inspection Compliance (Attach copy of letter from Bureau of Aviation Safety)		
		N/A	Revenue producing facilities (for fuel farms, hangars, etc.)		

I certify to the best of my belief and knowledge that all runway approaches are clear of obstructions.

Sponsor's Signature:  Date: 12/20/2022
Printed Name: CHRISTOPHER E. COLLINS Title: AIRPORT DIRECTOR
Phone Number: (618) 315-5462

Division of Aeronautics use only

Preapp Number	Grant Number	NPIAS Code	Work Code	FAA Priority	Federal \$



Illinois Department of Transportation

Division of Aeronautics

2024 TRANSPORTATION IMPROVEMENT PROGRAM ESTIMATE OF WORK

Airport Name:	Mt. Vernon Outland (MVN)		
Associated City:	Mt. Vernon		
Year Requested:	2024	Sponsor Priority:	3

PROJECT TITLE:	
Replace Taxiway Guidance Signs	

Estimate of Work							
ITEM	QUANTITY		UNIT PRICE		PRICE	Potential DBE	
	#	Unit(s)	\$	/ Unit		\$	%
EXCAVATION							
Clearing/Grubbing		AC		/ AC			
Unclassified Excavation		CY		/ CY			
Topsoiling		SY		/ SY			
PAVING							
Asphalt (6")		TON		/ TON			
Crushed Aggregate (10")		TON		/ TON			
Prime/Tack		GAL		/ GAL			
Pavement Removal		SY		/ SY			
Soil Stabilization		SY		SY			
Marking		SF		/ SF			
Tie-Downs		EA		/ EA			
DRAINAGE							
Pipe		LF		/ LF			
Inlets		EA		/ EA			
Remove Pipe		EA		/ EA			
Remove Inlets		EA		/ EA			
Underdrain Cleanouts		EA		/ EA			
Underdrains		LF		/ LF			
ELECTRICAL							
Cable	2200	LF		\$4.00 / LF	\$8,800.00		
Duct	2200	LF		\$15.00 / LF	\$33,000.00		
Sign removal	1	LS		\$10,000.00 / LS	\$10,000.00		
Electrical Improvements	1	LS		\$25,000.00 / LS	\$25,000.00		
Signs	11	EA		\$8,000.00 / EA	\$88,000.00		
Structures		EA		/ EA			
EROSION CONTROL							
Seeding/Mulching/Blanket		AC		/ AC			
Riprap		TON		/ TON			
Temporary Erosion Control		LS		/ LS			
Special		LS		/ LS			
FENCING							
Class C		LF		/ LF			
Class E		LF		/ LF			
Fence Removal		LF		/ LF			
Gates (Manual)		EA		/ EA			
Gates (Electric)		EA		/ EA			
OTHER / MISC.							
Field Office	1	LS		\$2,500.00 / LS	\$2,500.00		
Haul Route	1	LS		\$3,750.00 / LS	\$3,750.00		
Mobilization	1	LS		\$20,000.00 / LS	\$20,000.00		
Engineering/Admin./Contingency	1	LS		\$33,950.00 / LS	\$33,950.00		
Studies (EIS, Drainage, M.P.)				/			
					TOTAL COST:	Potential DBE	
						\$	%
					\$225,000.00		