

FEDERAL AIRPORT IMPROVEMENT PROGRAM (AIP)

PRE-APPLICATION FFY 2017

CHECKLIST

Please attach the following documents with your application:

- Sponsor Identification Sheet for the Airport
- CIP Data Sheet (one for **each** project listed in the first 3 years of the CIP) and detailed cost estimate for each data sheet.
- 5-year Capital Improvement Program (CIP)
- Long Range Needs Assessment
- Verification of an updated ALP (when applying for new construction of buildings or airfield expansion)
- Verification of completed environmental processing in accordance with NEPA.
- Verification of completed land acquisition or signed purchase agreement.
- Verification of pavement maintenance program (when applying for pavement preservation or reconstruction)
- If requesting Federal assistance for snow removal equipment, please include an inventory of the existing equipment and calculations based on Chapters 4 & 5 of the Airport Winter Safety and Operations, Advisory Circular (AC) 150/5200-30 and the Airport Snow and Ice Control Equipment, AC 150/5220-20 showing the minimum equipment needed, along with the ACIP Data Sheet. Include a copy of a completed FAA Snow Plow Design Spreadsheet.
- If requesting Federal assistance for general aviation apron expansion, include a copy of a completed GA Apron Design spreadsheet.
- If requesting pavement reconstruction, submit an engineering report showing the need for the reconstruction as part of the CIP justification.
- For revenue-producing facilities (i.e., fueling facilities and hangars), please submit:
 - 1) a statement that airside development needs are met or include a financial plan to fund airside needs over the next 3 years;
 - 2) a statement that runway approach surfaces are clear of obstructions (the FAA Airport 5010 should show at least a 20:1 clear approach), and;
 - 3) justification for the project.
- SAM (System for Award Management) registration is up-to-date. (www.sam.gov)

Please scan and e-mail with support documents identified in checklist to shane.wright@dot.iowa.gov.

Iowa Department of Transportation
Office of Aviation
800 Lincoln Way
Ames, IA 50010

Attn.: Program Manager
E-mail: shane.wright@dot.iowa.gov
FAX: 515-233-7983
515-239-1048

**FEDERAL AIRPORT IMPROVEMENT PROGRAM (AIP)
PRE-APPLICATION FFY 2017
AIRPORT SPONSOR IDENTIFICATION**

Airport Name: Storm Lake Municipal Airport

Airport Sponsor Name: City of Storm Lake, Iowa

Contact Person: Keri Navratil Title: Assistant City Manager

Complete Mailing Address: P.O. Box 1086

Storm Lake IA 50588 Daytime Phone: 712-732-8000
City State ZIP Code

E-mail Address: navratil@stormlake.org FAX Number: 712-732-4114

U.S. Congressional District Number: Iowa 4th District

Please scan and e-mail with support documents identified in checklist to shane.wright@dot.iowa.gov.

Iowa Department of Transportation
Office of Aviation
800 Lincoln Way
Ames, IA 50010

Attn.: Program Manager
E-mail: shane.wright@dot.iowa.gov
FAX: 515-233-7983
515-239-1048

FIVE-YEAR AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP)

Airport Name: Storm Lake Municipal Airport

Telephone: 712-732-8000

Prepared By: City of Storm Lake Airport Comission

E-mail Address: navratil@stormlake.org

Date Prepared: October 2015

Date Approved: _____

Project Description	Funding Source	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021
Taxiway and Apron Rehab	Federal	\$ 149,490	\$	\$	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$ 16,610	\$	\$	\$	\$
	Total	\$ 166,100	\$	\$	\$	\$
Lighting Replacement - Runway 13/31 & Taxiway	Federal	\$	\$ 577,265	\$	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$ 64,140	\$	\$	\$
	Total	\$	\$ 641,405	\$	\$	\$
Lighting Replacement - Runway 17/35	Federal	\$	\$	\$	\$ 551,763	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$	\$	\$ 61,307	\$
	Total	\$	\$	\$	\$ 613,070	\$
	Federal	\$	\$	\$	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$	\$	\$	\$
	Total	\$	\$	\$	\$	\$
	Federal	\$	\$	\$	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$	\$	\$	\$
	Total	\$	\$	\$	\$	\$
	Federal	\$	\$	\$	\$	\$
	State	\$	\$	\$	\$	\$
	Local	\$	\$	\$	\$	\$
	Total	\$	\$	\$	\$	\$

AIRPORT LONG RANGE NEEDS ASSESSMENT

FFY 2021 – FFY 2025

Airport Name: Storm Lake Municipal Airport

Description of Project (include estimated Fiscal Year)	Funding Source	Total Estimated Cost
Runway 17/35 Subdrains (FY 2022)	Federal: 90% State: Local: 10% Total: 100%	\$ 183,330 \$ \$ 20,370 \$ 203,700
	Federal: State: Local: Total:	\$ \$ \$ \$
	Federal: State: Local: Total:	\$ \$ \$ \$
	Federal: State: Local: Total:	\$ \$ \$ \$
	Federal: State: Local: Total:	\$ \$ \$ \$
	Federal: State: Local: Total:	\$ \$ \$ \$

CIP DATA SHEET

AIRPORT	Storm Lake Municipal Airport	LOCID	SLB	LOCAL PRIORITY	1
PROJECT DESCRIPTION	Taxiway & Apron Rehab	Identify FFY that you desire to construct (FFY: Oct. 1-Sept. 30)			2017

SKETCH:



JUSTIFICATION:

The existing taxiway and apron are in need of pavement maintenance to help prolong the life of the pavement. The project will consist of joint and crack sealing over the entire area. Full depth patching is proposed in the area adjacent to the fuel system. This area was originally constructed in 1968 and has a PCI of 63. Partial depth patching is also recommended in both the older and new pavements to address corner and joint spalling.

COST ESTIMATE: (Attach detailed cost estimate)

Federal(90%)	\$149,490	State	\$0	Local (10%)	\$16,610	Total	\$166,100
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SPONSOR'S VERIFICATION:

For each and every project as applicable

Date	(see instruction sheet or point mouse over each date box for more information)
In Progress	<ul style="list-style-type: none"> - Date of approved ALP with project shown - Date of environmental determination (ROD, FONSI, CE), or cite CE paragraph # (307-312) in Order 1050.1E - Date of land acquisition or signed purchase agreement
9/6/2012	<ul style="list-style-type: none"> - Date of pavement maintenance program - Snow removal equipment inventory & sizing worksheet (for SRE acquisition) - Apron sizing worksheet (for apron projects) - Revenue producing facilities (for fuel farms, hangers, etc.) - Date statement submitted for completed airside development - Date statement submitted for runway approaches are clear of obstructions

FAA USE ONLY
FAA Verification: (initial/date)

SPONSOR'S SIGNATURE: _____ DATE: _____

PRINTED NAME: Keri Navratil TITLE: Assistant City Manager

PHONE NUMBER: 712-732-8000

FAA USE ONLY

PREAPP NUMBER	GRANT NUMBER	NPIAS CODE	WORK CODE	FAA PRIORITY	FEDERAL \$



TAXIWAY AND APRON REHAB

	ITEM	QTY	UNIT	UNIT PRICE	TOTAL	Federal 90%	State 0%	Local 10%
1	MOBILIZATION	1	LS	\$ 23,000.00	\$ 23,000.00	\$ 20,700.00	\$ -	\$ 2,300.00
2	TRAFFIC CONTROL	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 4,500.00	\$ -	\$ 500.00
3	PAVEMENT REMOVAL	200	SY	\$ 12.00	\$ 2,400.00	\$ 2,160.00	\$ -	\$ 240.00
4	SUBBASE PREPARATION	200	SY	\$ 8.00	\$ 1,600.00	\$ 1,440.00	\$ -	\$ 160.00
5	CRUSHED AGGREGATE BASE COURSE	200	SY	\$ 18.00	\$ 3,600.00	\$ 3,240.00	\$ -	\$ 360.00
6	JOINT SEALANT	21,000	LF	\$ 2.50	\$ 52,500.00	\$ 47,250.00	\$ -	\$ 5,250.00
7	CRACK SEALANT	700	LF	\$ 4.00	\$ 2,800.00	\$ 2,520.00	\$ -	\$ 280.00
8	PCC PAVEMENT	200	SY	\$ 70.00	\$ 14,000.00	\$ 12,600.00	\$ -	\$ 1,400.00
9	PARTIAL DEPTH REPAIRS	33	EA	\$ 1,000.00	\$ 33,000.00	\$ 29,700.00	\$ -	\$ 3,300.00
				Subtotal	\$ 137,900.00	\$ 124,110.00	\$ -	\$ 13,790.00
				PROJECT DEVELOPMENT / SCOPING	\$ -	\$ -	\$ -	\$ -
				DESIGN ENGINEERING (8%)	\$ 11,000.00	\$ 9,900.00	\$ -	\$ 1,100.00
				CONSTRUCTION ENGINEERING (11%)	\$ 15,200.00	\$ 13,680.00	\$ -	\$ 1,520.00
				GRANT ADMINISTRATION	\$ -	\$ -	\$ -	\$ -
				DISADVANTAGED BUSINESS ENTERPRISE (DBE) PLAN	\$ 1,500.00	\$ 1,350.00	\$ -	\$ 150.00
				ENVIRONMENTAL CATEX	\$ -	\$ -	\$ -	\$ -
				ESTIMATED CITY ADMINISTRATION	\$ 500.00	\$ 450.00	\$ -	\$ 50.00
				TAXIWAY AND APRON REHAB	\$ 166,100.00	\$ 149,490.00	\$ -	\$ 16,610.00

CIP DATA SHEET

AIRPORT	Storm Lake Municipal Airport	LOCID	SLB	LOCAL PRIORITY	2
PROJECT DESCRIPTION	Lighting replacement - Runway 13/31 & Taxiway	Identify FFY that you desire to construct (FFY: Oct. 1-Sept. 30)			2018

SKETCH:



JUSTIFICATION:

The existing lights on the taxiway and runway 13/31 were installed 30+ years ago and are in need of replacement. The existing lighting system is experiencing outages due to old lights and wire. The parts for the lights are also becoming more expensive and harder to find. The new installation will include replacing all of the edge lights along the taxiway and runway 13/31. The project will also add PAPI's, Reil's and windcones to Runway 13/31 which currently does not have any of those items.

COST ESTIMATE: (Attach detailed cost estimate)

Federal(90%)	\$577,265	State	\$0	Local (10%)	\$64,140	Total	\$641,405
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SPONSOR'S VERIFICATION:

For each and every project as applicable

Date	(see instruction sheet or point mouse over each date box for more information)
In Progress	<ul style="list-style-type: none"> - Date of approved ALP with project shown - Date of environmental determination (ROD, FONSI, CE), or cite CE paragraph # (307-312) in Order 1050.1E - Date of land acquisition or signed purchase agreement
9/6/2012	<ul style="list-style-type: none"> - Date of pavement maintenance program - Snow removal equipment inventory & sizing worksheet (for SRE acquisition) - Apron sizing worksheet (for apron projects) - Revenue producing facilities (for fuel farms, hangers, etc.) - Date statement submitted for completed airside development - Date statement submitted for runway approaches are clear of obstructions

FAA USE ONLY
FAA Verification: (initial/date)

SPONSOR'S SIGNATURE: _____ DATE: _____

PRINTED NAME: Keri Navratil TITLE: Assistant City Manager

PHONE NUMBER: 712-732-8000

FAA USE ONLY

PREAPP NUMBER	GRANT NUMBER	NPIAS CODE	WORK CODE	FAA PRIORITY	FEDERAL \$



LIGHTING REPLACEMENTS - RUNWAY 13/31 & TAXIWAY

No.	ITEM	QTY	UNIT	UNIT PRICE	TOTAL	Federal 90%	State 0%	Local 10%
1	MOBILIZATION	1	LS	\$ 49,100.00	\$ 49,100.00	\$ 44,190.00	\$ -	\$ 4,910.00
2	TRAFFIC CONTROL	1	LF	\$ 5,000.00	\$ 5,000.00	\$ 4,500.00	\$ -	\$ 500.00
3	CONSTRUCTION STAKING	1	LF	\$ 10,000.00	\$ 10,000.00	\$ 9,000.00	\$ -	\$ 1,000.00
4	REMOVAL OF EXISTING EDGE LIGHTS	64	EA	\$ 100.00	\$ 6,400.00	\$ 5,760.00	\$ -	\$ 640.00
5	DIRECTIONAL BORE, 2" CONDUIT	900	LF	\$ 40.00	\$ 36,000.00	\$ 32,400.00	\$ -	\$ 3,600.00
6	CAN PLAZA	3	EA	\$ 10,000.00	\$ 30,000.00	\$ 27,000.00	\$ -	\$ 3,000.00
7	TRENCHING	14,000	LF	\$ 3.00	\$ 42,000.00	\$ 37,800.00	\$ -	\$ 4,200.00
8	CONDUIT, 2" PVC	20,000	LF	\$ 3.00	\$ 60,000.00	\$ 54,000.00	\$ -	\$ 6,000.00
9	5KV WIRE	13,000	LF	\$ 2.00	\$ 26,000.00	\$ 23,400.00	\$ -	\$ 2,600.00
10	5KV GROUND WIRE	12,000	LF	\$ 1.75	\$ 21,000.00	\$ 18,900.00	\$ -	\$ 2,100.00
11	600V #4 Wire	8,500	LF	\$ 1.75	\$ 14,875.00	\$ 13,387.50	\$ -	\$ 1,487.50
12	600V #6 Wire	3,800	LF	\$ 1.60	\$ 6,080.00	\$ 5,472.00	\$ -	\$ 608.00
13	600V Ground Wire	8,200	LF	\$ 1.75	\$ 14,350.00	\$ 12,915.00	\$ -	\$ 1,435.00
14	HANDHOLE	20	EA	\$ 800.00	\$ 16,000.00	\$ 14,400.00	\$ -	\$ 1,600.00
15	MITL	50	EA	\$ 900.00	\$ 45,000.00	\$ 40,500.00	\$ -	\$ 4,500.00
16	MIRL, EDGE LIGHTS - L-861	40	EA	\$ 1,000.00	\$ 40,000.00	\$ 36,000.00	\$ -	\$ 4,000.00
17	MIRL, THRESHOLD LIGHTS - L-861SE	24	EA	\$ 1,100.00	\$ 26,400.00	\$ 23,760.00	\$ -	\$ 2,640.00
18	PAPI's	2	EA	\$ 20,000.00	\$ 40,000.00	\$ 36,000.00	\$ -	\$ 4,000.00
19	REILS	2	EA	\$ 16,000.00	\$ 32,000.00	\$ 28,800.00	\$ -	\$ 3,200.00
20	WINDCONE	2	EA	\$ 10,000.00	\$ 20,000.00	\$ 18,000.00	\$ -	\$ 2,000.00
0					\$ -	\$ -	\$ -	\$ -
				Subtotal	\$ 540,205.00	\$ 486,184.50	\$ -	\$ 54,020.50
				PROJECT DEVELOPMENT / SCOPING	\$ -	\$ -	\$ -	\$ -
				DESIGN ENGINEERING (8%)	\$ 43,200.00	\$ 38,880.00	\$ -	\$ 4,320.00
				CONSTRUCTION ENGINEERING (10%)	\$ 54,000.00	\$ 48,600.00	\$ -	\$ 5,400.00
				GRANT ADMINISTRATION	\$ 1,000.00	\$ 900.00	\$ -	\$ 100.00
				DISADVANTAGED BUSINESS ENTERPRISE (DBE) PLAN	\$ 1,500.00	\$ 1,350.00	\$ -	\$ 150.00
				ENVIRONMENTAL CATEX	\$ 1,000.00	\$ 900.00	\$ -	\$ 100.00
				ESTIMATED CITY ADMINISTRATION	\$ 500.00	\$ 450.00	\$ -	\$ 50.00
				LIGHTING REPLACEMENTS - RUNWAY 13/31 & TAXIWAY	\$ 641,405.00	\$ 577,264.50	\$ -	\$ 64,140.50