

10 YEAR CAPITAL IMPROVEMENT PROGRAM (CIP) FY-2011 to FY-2020

DRAFT

Airport Name	Sawyer International Airport	Date Prepared:	WORKING DRAFT
Associated City	Marquette, Michigan	Prepared By:	Airport Staff: Keith Kaspari, Airport Manager, Scott Erbsich, Director of Operations and Sponsor Consultant, Mead & Hunt, Inc., Attn: Mr. Ron Engel
Airport Sponsor	County of Marquette, Michigan	Telephone No:	906-346-3308, x-222 or x-221 and 517-321-8334
Airport Three Letter I.D.	MQT / SAW	Congressional District:	1 Mr. Bart Stupak
		Due Date:	TBD, Pending Michigan Airports Programming (MAP) Meeting

ITEM	PROJECT DESCRIPTION	Fiscal Year	Total Project Cost	Entitlement	Apportionment	Discretionary	State MDOT Aero	County of Marquette	Military Airports Program	PFC	REMARKS / ITEMS / PROJECT JUSTIFICATION
2011											
1	Snow Removal Equipment Purchase (Sponsor Priority: Large Snowblower)	2011	\$750,000	\$712,500			\$18,750	\$18,750		\$18,750	Begins a phased replacement of old SRE brought over from the former Marquette County Airport (1999), and the old surplus SRE left behind by the USAF when the K.I. Sawyer AFB closed in 1995. Sponsor Priority - Large Snowblower. Sponsor's newest snowblower is a 1996 model. As of June 15, 2010, this unit has 16,883 miles, 4,633 hours on the drive motor, and 4,412 hours on the blower motor. Current unit has had the engines re-built twice in a three-year span.
2	Airfield Painting Project	2011	\$75,000	\$71,250			\$1,875	\$1,875		\$1,875	Project provides increased visibility of pavement markings for the safety for aircraft operators. Aids in compliance with FAR Part-139. Sponsor requests funds to paint entire airfield and remove former USAF markings, as per Sponsor's FAA Safety & Certification Inspector. Continues program for repainting airfield every 3-years due to heavy wear from SRE operations. Last complete repainting: August, 2006. Sponsor has already submitted a Certificate of Economic Necessity proving financial need and justification.
3	Pavement Joint Sealant Replacement Project Phase I (Construction)	2011	\$250,000	\$237,500			\$6,250	\$6,250		\$6,250	Project provides for the replacement of crack-seal and joint sealant for asphalt and concrete pavements due to natural weathering over many years. Extends life-cycle of pavements. Due to other project priorities, very little joint sealant has been replaced since the USAF closed the base in 1995. This project supports recommendations from the 2008 MDOT-Aero and 2009 Sponsor funded pavement studies.
4	Runway I Approach (South Over-run) Pvmnt Rehab, VOR/GS Access Road Phase II (Construction)	2011	\$365,000	\$0			\$0	\$0		\$365,000	Provides for the rehabilitation of the pavement in this section of the airfield, making it easier to conduct snow removal operations during the winter season around the ILS Light Lane and MALSR. This was a project funded at 100% with PFC's, and as approved with the Sponsor's CY-2008 application. Phase I project design is complete at 100%.
	Totals		\$1,440,000	\$1,021,250		\$0	\$26,875	\$26,875	\$0	\$391,875	
2012											
5	Rehabilitation of Runway Shoulders & Improvements To The Runway Edge Lights Phase II - (Construction)	2012	\$2,500,000	\$1,000,000		\$1,375,000	\$62,500	\$62,500		\$62,500	RWY shoulders are in poor condition. Heavy cracking & deterioration causing FOD problem. Improvements includes proper drainage of water from lighting cans, grounding rods to minimize damage caused by lightning strikes. Project includes shoulders being reduced to an FAA-STD 25-foot wide. Sponsor requests a 50' crushed material to extend new stabilized shoulder to allow for an easier transition of aircraft from the runway and shoulder pavement to the turf areas of the RSA due to sandy soil conditions within the RSA, and also due to the natural erosion during heavy rains & strong winds. A compacted crushed pavement also makes it easier to conduct snow removal operations. Project design completed with FAA Grant No: 3-26-0153-3210.
	Totals		\$2,500,000	\$1,000,000		\$1,375,000	\$62,500	\$62,500	\$0	\$62,500	
2013											
6	Pavement Joint Sealant Replacement Project - Phase II (Construction)	2013	\$800,000	\$760,000		\$0	\$20,000	\$20,000	\$0	\$20,000	Continues program from CY and FY-2011 for preserving and extending the life-cycle of aviation pavements.
7	Runway Pavement (Asphalt) Rehabilitation Phase I (Design)	2013	\$225,000	\$213,750		\$0	\$5,625	\$5,625	\$0	\$5,625	Project allows for the beginning of the rehabilitation of the asphalt pavement on Runway 1 / 19, beginning with project design. This project is pending receipt of AIP Discretionary funding for construction. This project is supported by the CY-2008 MDOT and CY-2009 Sponsor funded pavement studies.
8	Taxiway Echo and Foxtrot Pavement (Asphalt) Rehabilitation Phase I (Design)	2013	\$30,000	\$28,500		\$0	\$750	\$750	\$0	\$750	Sponsor requests funding to re-pave taxiways Echo and Foxtrot. Taxiway Echo has numerous cracks, and Foxtrot has numerous heaved areas. Sponsor also request funds to repair heaving pavement at the intersection of Taxiways A, F & G. Taxiway Echo is the primary taxiway for access to the General Aviation apron, FBO, and Hangar 425. Taxiway Foxtrot is the primary taxiway for access to Hangars 423 East and West, Hangar 424, and Hangar-402.
	Totals		\$1,055,000	\$1,002,250		\$0	\$26,375	\$26,375	\$0	\$26,375	
2014											
9	Runway Pavement (Asphalt) Rehabilitation Project - Phase II (Construction) Project Includes the Repainting of all Airfield Painted Markings	2014	\$3,000,000	\$1,000,000		\$2,000,000	\$75,000	\$75,000	\$0	\$75,000	Project allows for the rehabilitation of the asphalt pavement section of Runway 1/19, with Project Design completed during FY-2013. This project is pending receipt of AIP Discretionary funding to complete construction in one construction season. This project is supported by the CY-2008 MDOT and FY-2009 Sponsor funded pavement studies.
	Totals		\$3,000,000	\$1,000,000		\$2,000,000	\$75,000	\$75,000	\$0	\$75,000	
2015											
10	Echo and Foxtrot Taxiway Pavement Rehabilitation - Phase II (Construction)	2015	\$560,000	\$532,000			\$14,000	\$14,000	\$0	\$14,000	Sponsor requests funding to re-pave taxiways Echo & Foxtrot. Airport Sponsor also requests funds to repair the area of heaving pavement at the intersection of A, F & G (see attached pictures). This project is supported by the CY-2008 MDOT and CY-2009 Sponsor funded pavement study (Exhibit G).
11	SRE: Purchase Request, TBD, Pending Fleet Analysis: Equipment could include: Plow Truck / Material Spreader Combi Unit, Large Rotary Broom / Plow / Blower Combi-Unit	2015	\$500,000	\$475,000			\$12,500	\$12,500	\$0	\$12,500	This project allows for the continued and phased replacement of old snow removal equipment. Equipment Priority: TBD, Pending SRE Fleet Analysis and Previous Equipment Acquisitions, as requested in FY-2011. Funding for the project is requested, yet this project is pending the completion for the rehabilitation of the asphalt pavement on the runway as requested above. Sponsor holds the runway pavement rehab, and Taxiway Echo and Foxtrot pavement rehab, projects as the higher priorities of the projects within Fiscal Years 2014 & 2015.
	Totals		\$1,060,000	\$1,007,000		\$0	\$26,500	\$26,500	\$0	\$26,500	
TOTALS FOR FISCAL YEARS 2011 - 2015			\$9,055,000	\$5,030,500		\$3,375,000	\$217,250	\$217,250	\$0	\$582,250	