

Grant Accepted

01/14/14 - Proposed Addition

01/14/14 - Proposed Revision

JACIP
January 14, 2014

Item	Project Description	Year	Funding Breakdown				Narrative	Justification
			Federal \$	State \$	Local \$	Total \$		
1	Reinforce Hangars for Hurricane Resistance	2012	\$0	\$250,000	\$62,500	\$312,500	Rehabilitate and upgrade existing t-hangars to current hurricane standards based upon evaluation conducted by MEA Group. Projects could consist of new hydraulic doors, new paint, structural upgrades to the steel frame and electrical items.	This project will help upgrade existing T-Hangars and other airport buildings to current hurricane codes, or to the extent possible. This project would reduce the probability of large scale damage to the airport from hurricane-force winds. It will also improve the safety by limiting a potential source of debris on the runways.
2	Rehabilitation of Runway 4-22, Taxiway E Relocation, RSA and ROFA Improvements, Rotating Beacon	2012	\$7,137,710	\$405,000	\$883,181	\$8,425,891	Design, permit and rehabilitate Runway 4-22; relocate Taxiway E and the tetrahedron; remove effluent ponds; improve airfield vault; replace lights; add signs; replace rotating beacon and rehabilitate pole; and design and construct RSA/ROFA improvements and golf course modifications. The runway will be redesignated as Runway 5-23.	The runway is generally known to be in poor condition, is weight restricted to 24,000 lb aircraft and is not fully utilized as the City's noise mitigation runway. The 2011 FDOT Statewide Pavement Condition Index was "very poor" (29) and indicates that Runway 4-22 requires rehabilitation. The RSA/ROFA improvements and golf course modifications are depicted on the approved ALP and are required in order to meet current FAA standards in AC 150/5300-13A. The Taxiway E relocation is depicted on the approved ALP and is required to meet current FAA standards in AC 150/5300-13. The rotating beacon is more than 25 years old and in poor condition.
2012 TOTALS			\$7,137,710	\$655,000	\$945,681	\$8,738,391		

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3	Environmental Assessment - Runway 13-31	2014	\$405,000	\$22,500	\$22,500	\$450,000	Environmental Assessment for the proposed Runway 13-31 improvements and related projects. Study will evaluate the impact(s) of the proposed improvements and will include public participation.	Per Order 1050.1E, project is necessary for meeting federal law for implementing Runway 13-31 improvements as depicted on the approved ALP.
4	Floodplain and Storm Water Master Drainage Plan Analysis	2014	\$0	\$80,000	\$20,000	\$100,000	Evaluate county flood map model update and update master drainage plan.	SWFWMD recently updated the Island of Venice and Airport flood maps. The updated map places many facilities previously not affected within a flood zone. This evaluation will either verify SWFWMD's findings or provide the basis to appeal. The master drainage plan must be revised as a result of the Runway 5-23 rehabilitation project.
5	Design Rehabilitation of Taxiways A and C and Lighting System Improvements	2013	\$450,000	\$25,000	\$25,000	\$500,000	Design and permit the rehabilitation of Taxiways A and C. Assess, evaluate and design updated electrical system. This will include removing all direct buried cable and replace with in-conduit cable, install new signs, and relocate to meet current FAA standards.	These taxiways have not been rehabilitated for 25 - 69 years. The 2011 FDOT Pavement Condition Indexes range from "fair" (59) to "poor" (51). The existing electrical lighting system is aging and failure is starting to occur. The system is currently over 20-years old and replacement is anticipated. This project is necessary to maintain existing infrastructure and aviation safety consistent with AC 150/5340-30F.
		2014	\$0	\$320,000	\$80,000	\$400,000		
6	Aircraft Wash Rack	2013 2014	\$0	\$320,000 \$200,000	\$80,000 \$50,000	\$400,000 \$250,000	Design, permit and construct aircraft wash rack.	Provide aircraft owners the ability to wash aircraft on airport property as established by Chapter 403, Florida Statutes regarding the federally-approved state National Pollutant Discharge Elimination System (NPDES) Program.

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7	Design Runway 13-31 and Taxiway Safety Improvements, Obstruction Removal and EMAS	2014	\$1,170,000 \$990,000	\$65,000 \$55,000	\$65,000 \$55,000	\$1,300,000 \$1,100,000	Design and permit safety improvements to shift Runway 13-31 727' southeast to relocate RPZ, extend Taxiway D, rehabilitate connector taxiways, install EMAS and remove Part 77 obstructions.	Shift the RPZ onto airport property in accordance with the approved ALP. Project required to meet current FAA standards per AC 150/5300-13A and AC 150/5220-22A.
8	Construct Rehabilitation of Taxiways A and C and Lighting System Improvements	2014	\$3,240,000 \$4,095,000	\$180,000 \$227,500	\$180,000 \$227,500	\$3,600,000 \$4,550,000	Construct taxiway rehabilitation and updated electrical system. This will include removing all direct buried cable and replace with in-conduit cable install new signs, and relocate to meet current FAA standards.	These taxiways have not been rehabilitated for 25 - 69 years. The 2011 FDOT Pavement Condition Indexes range from "fair" (59) to "poor" (51).
	Property Appraisal Update	2014	\$90,000	\$5,000	\$5,000	\$100,000	Update appraisal of airport leased properties to determine fair market value.	This project is required to ensure that fair market value is being received for airport leases for FAA compliance per Order 5190.6B.
2014 TOTALS			\$5,490,000	\$905,000	\$455,000	\$6,850,000		

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9	Security Master Plan and Improvements	2014 2015	\$0	\$200,000 \$400,000	\$50,000 \$100,000	\$250,000 \$500,000	Develop a comprehensive master security plan for the airport. This plan will provide guidance and priorities for airfield security. Construction of improvements will contribute to overall airfield security.	The airport currently has minimal security provided by a perimeter chain link fence with no barbed wire in some areas. The airport has minimal lighting on ramps. The current Master Plan recommends adding lights to the t-hangar locations. In addition, the airport would like to look at replacing gates and additional items which may help airfield security. The security plan will evaluate current conditions and propose a preferred solution to maintain/attain a high level of security. Construction of the improvements, including lighting, gate replacements, cameras and increased fiber optic connectivity, will contribute to the overall security of the airfield and improve safety for aircraft.
10	Design & Construct T-Hangars - Midfield	2014 2015	\$0	\$1,200,000	\$300,000	\$1,500,000	Design, permit and construct T-Hangars.	Capital improvement project which generates revenue for the airport to contribute to self-sustainability, per Order 5190.6B, and provides a service to the local based aircraft owners.
11	Construct Runway 13-31 and Taxiway Improvements, Remove Obstructions and Construct EMAS	2015	\$8,775,000	\$487,500	\$487,500	\$9,750,000	Shift Runway 13-31 727' southeast to relocate RPZ, extend Taxiway D, construct connector taxiways, construct EMAS and remove Part 77 obstructions.	Shift the RPZ onto airport property in accordance with the approved ALP. Project required to meet current FAA standards per AC 150/5300-13A and AC 150/5220-22A.
12	Design Apron Rehabilitation	2015	\$162,000	\$9,000	\$9,000	\$180,000	Design and permit apron rehabilitation of the public apron and reconfiguration of the existing tie-down area.	The apron is in poor condition. The 2011 FDOT Pavement Condition Index was "serious" (23). This project will rehabilitate the pavement and reconfigure the existing tie-down area to meet current FAA criteria for ADG-II aircraft per AC 150/5300-13A.
13	Circus Arena Redevelopment and Airport Entrance Road	2015	\$0	\$1,600,000	\$400,000	\$2,000,000	Redevelop the circus arena site and develop a connecting road from U.S. Business 41 to Airport Avenue with water, sewer and stormwater improvements.	Redevelopment of the circus arena site and construction of an access road will make the airport more attractive for business investment, which would contribute to self-sustainability, in accordance with Order 5190.6B.

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14	New Airport Administration Building	2015	\$0	\$800,000	\$200,000	\$1,000,000	Design, permit and construct a new Airport Administration building.	The new facility will meet current building codes, feature improved workspace for staff, provide for a public meeting/conference room and allow for additional office space for lease, which would contribute to self-sustainability, in accordance with Order 5190.6B..
2015 TOTALS			\$8,937,000	\$4,496,500	\$1,496,500	\$14,930,000		

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15	Reconfigure Airport Administration Building Improvements	2015 2016	\$0	\$320,000	\$80,000	\$400,000	Design, permit and construct reconfiguration of improvements to existing airport administration building.	Reconfiguration of Improvements to the existing building facility would include bringing it up to current building codes and retrofitting for improved hurricane resistance. This will allow the Airport to better meet the demands for leased office space and help to protect the asset in the event of a servere storm, establish an aviation history museum and provide a public meeting/conference room.
16	Relocate Airport Maintenance Facility	2015 2016	\$0	\$520,000	\$130,000	\$650,000	Design, permit and construct a new airport maintenance facility.	This project will relocate the maintenance facility to the infield. The existing facility could then be leased to generate additional revenue due to its location with public street frontage. This would help to facilitate airport self-sustainability,in accordance with Order 5190.6B.
17	Construct Apron Rehabilitation	2016	\$4,500,000	\$250,000	\$250,000	\$5,000,000	Construct apron rehabilitation of the public apron and reconfiguration of the existing tie-down area.	The 2011 FDOT Pavement Condition Index was "serious" (23). This project will rehabilitate the pavement, increase aircraft parking and improve landside capacity. In addition, it will reconfigure the existing tie-down area, to meet current FAA criteria for ADG-II aircraft per AC 150/5300-13A.
18	Design of Rehabilitation and Reconfiguration of Abandoned Runway 9-27 into Taxiway B, Run-up Area and Tie-down Apron	2016	\$270,000	\$15,000	\$15,000	\$300,000	Design and permit the rehabilitation and reconfiguration of Runway 9-27, which has been abandoned and is currently used as a taxiway, public aircraft tie-down parking and as the maintenance run-up area.	The pavement has not been rehabilitated since 1942 and the 2011 FDOT Pavement Condition Index was "very poor" (28). In order to improve safety, this pavement should be rehabilitated and reconfigured into a taxiway meeting FAA standards in AC 150/5300-13A. The aircraft parking and maintenance run-up areas will also require reconfiguration.
19	Airport Master Plan and ALP Update	2016	\$315,000	\$17,500	\$17,500	\$350,000	Hire consultant to update the airport master plan and ALP.	MPU and ALP should be updated every 5 years. The last update was in 2011.
2016 TOTALS			\$5,085,000	\$1,122,500	\$492,500	\$6,700,000		

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20	Construct Rehabilitation and Reconfiguration of Abandoned Runway 9-27 into Taxiway B, Run-up Area and Tie-down Apron	2017	\$2,250,000	\$125,000	\$125,000	\$2,500,000	Construct the rehabilitation and reconfiguration of Runway 9-27, which has been abandoned and is currently used as a taxiway, <u>public</u> aircraft tie-down parking and as the maintenance run-up area.	The pavement has not been rehabilitated since 1942 and the 2011 FDOT Pavement Condition Index was "very poor" (28). In order to improve safety, this pavement should be rehabilitated and reconfigured into a taxiway meeting FAA standards in AC 150/5300-13A. The aircraft parking and maintenance run-up areas will also require reconfiguration.
21	<u>Design Parallel Taxiway E Extension</u>	2018	\$1,080,000	\$60,000	\$60,000	\$1,200,000	Design, and permit and construct full-length parallel Taxiway E extension.	This project will enhance safety as aircraft regularly back-taxi on Runway 5-23 in order to reach the FBOs. It will also encourage use of Runway 5-23 for noise mitigation.
		2017	\$180,000	\$10,000	\$10,000	\$200,000		
22	Design and Construct Access Road for Commerce Park	2017	\$0	\$3,200,000	\$800,000	\$4,000,000	Design, permit and construct access road to airport commerce park for aeronautical development with water, sewer and stormwater improvements.	This project will improve revenue opportunities for the airport by providing access to areas that are currently undevelopable due to lack of road access. This will contribute to airport self-sustainability in accordance with Order 5190.6B.
	T-Hangar Hurricane Disaster Preparation Design Set	2017	\$0	\$160,000	\$40,000	\$200,000	A full set of construction drawings for t-hangars shall be prepared to provide faster response after damaging storm event.	This project will give the airport the ability to construct new t-hangars if the existing facilities incur damage from a hurricane. This would benefit the airport by restoring services and providing a critical revenue source in the interest of self-sustainability, per Order 5190.6B.
23	Design and Construct T-Hangars - Midfield #2	2016 2017	\$0	\$1,200,000	\$300,000	\$1,500,000	Design and construct T-Hangars.	Capital improvement project which generates revenue for the airport to contribute to self-sustainability, per Order 5190.6B, and provides a service to the local based aircraft owners/pilots.

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24	Design and Permit Safety, Wildlife and Security Fencing	2017	\$90,000 \$45,000	\$5,000 \$2,500	\$5,000 \$2,500	\$100,000 \$50,000	Design and permit <u>approximately 6,000 LF of safety, wildlife, and security fencing along the airport perimeter that does not currently have barb wire or a wildlife deterrent in place.</u>	This new perimeter fence is needed to reduce the incursion of wildlife onto runways and taxiways. A field evaluation found numerous holes burrowed under the existing perimeter fence, and scat found on the runways. This project will improve safety in accordance with AC 150/5200-33B.
2017 TOTALS			\$2,475,000	\$4,537,500	\$1,237,500	\$8,250,000		

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25	Construct Safety, Wildlife and Security Fencing	2018	\$630,000 \$283,500	\$35,000 \$15,750	\$35,000 \$15,750	\$700,000 \$315,000	Construct <u>approximately 6,000 LF</u> of safety, wildlife, and security fencing along the airport's perimeter <u>that does not currently have barb wire or a wildlife deterrent in place.</u>	This new perimeter fence is needed to reduce the incursion of wildlife onto runways and taxiways. A field evaluation found numerous holes burrowed under the existing perimeter fence, and scat found on the runways. This project will improve safety in accordance with AC 150/5200-33B.
26	Design & Rehabilitate Taxilanes within the Existing T-Hangar Area	2018	\$0	\$1,600,000	\$400,000	\$2,000,000	Design, permit and rehabilitate the taxilanes within the T-Hangar area, install new signs, and paint to meet FAA criteria.	This project will help maintain the taxilanes within the T-Hangar area and mark them per AC 150/5340-1K. This project should improve safety.
	Airfield Mowing Equipment	2018	\$0	\$122,400	\$30,600	\$153,000	Purchase 2 large tractors with mowing attachments.	Replace aging equipment and maintain airport safety by keeping grass areas adequately mowed.
27	Construct Parellel Taxiway E	2018	\$1,530,000	\$85,000	\$85,000	\$1,700,000	Construct full-length parallel Taxiway E.	This project will enhance safety as aircraft regularly back-taxi on Runway 5-23 in order to reach the FBOs. It will also encourage use of Runway 5-23 for noise mitigation.
28	Design Parallel Taxiway D	2018	\$180,000	\$10,000	\$10,000	\$200,000	Design and permit full-length parallel Taxiway D.	This project will allow aircraft to exit the runway faster and provide increased safety to the flying public.
29	Reinforce Hangars for Hurricane Resistance Phase II	2018	\$0	\$768,000	\$192,000	\$960,000	Rehabilitate and upgrade the doors on four existing t-hangar buildings to current hurricane standards.	This project will help upgrade 64 existing T-Hangars to current hurricane codes to the extent practicable and reduce the probability of large-scale damage to the airport from hurricane-force winds. It will also improve the safety by limiting a potential source of debris on the runways.
2018 TOTALS			\$1,993,500	\$2,478,750	\$702,750	\$5,175,000		

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30	Construct Parallel Taxiway D	2019	\$1,350,000	\$75,000	\$75,000	\$1,500,000	Construct full-length parallel Taxiway D.	This project will allow aircraft to exit the runway faster and provide increased safety to the flying public.
31	Design Taxiway F	2019	\$225,000	\$12,500	\$12,500	\$250,000	Design and permit Taxiway F.	This project will provide aircraft with access to the east side of the airport in the event of a demand for aeronautical development, which would contribute to self-sustainability in accordance with Order 5190.6B.
32	Design and Construct T-Hangars - Midfield #3	2019	\$0	\$1,200,000	\$300,000	\$1,500,000	Design and construct T-Hangars.	Capital improvement project which generates revenue for the airport to contribute to self-sustainability, per Order 5190.6B, and provides a service to the local based aircraft owners/pilots.
2019 TOTALS			\$1,575,000	\$1,287,500	\$387,500	\$3,250,000		
GRAND TOTALS of ALL YEARS			\$32,693,210	\$15,482,750	\$5,717,431	\$53,893,391		