

Proposed JACIP - June 28, 2011

Grant Accepted		06/28/11 Proposed Addition				06/28/11 Proposed Revision		
Item	Project Description	Sponsor Year	Funding Breakdown				Narrative	Justification
			Federal \$	State \$	Local \$	Total \$		
1	Design and Construct new T-Hangars	2007	\$0	\$760,000	\$190,000	\$950,000	JPA #412238 1 Design and Construct T-Hangars	Capital improvement project which generates revenue for the airport provides a service to the local based aircraft owners/pilots.
2007 TOTALS			\$0	\$760,000	\$190,000	\$950,000		
2	T-Hangars	2008	\$0	\$113,437	\$28,359	\$141,796	JPA #414307 1 Design and construct T-hangars	Capital improvement project which generates revenue for the airport provides a service to the local based aircraft owners/pilots.
2008 TOTALS			\$0	\$113,437	\$28,359	\$141,796		
3	Airfield Markings - Replace Signage and Repaint Striping	2009	\$0	\$95,200	\$23,800	\$119,000	JPA #423659 1 Airfield Markings-Replace Signage & Repaint Striping - Provide a detailed set of plans for painting runways, taxiways, and aprons, which meet FAA design criteria. Provide detail plans for updating guidance signs and access signs to current FAA criteria.	Airfield marking is old and faded. These faded markings make it difficult for pilots to navigate the taxiways and aprons (especially at night). There are also no markings near the existing T-Hangar area. In addition, the current signs are not adequate to meet the needs of aircraft operators not familiar with the airport. Current signs are not located to meet requirements in the FAA circulars for a C-II airport.
4	Install Perimeter Fencing for Safety Wildlife Deterrent Outside Runway Safety Area/Runway Object Free Area	2009	\$0	\$100,000	\$25,000	\$125,000	JPA #423493 1 Remove existing safety fence and relocate outside ROFA. In addition, the new fence will include wildlife deterrent fabric.	This project will improve the safety for pilots by removing a potential obstruction, and reducing incursions from wildlife. This project will also meet FAA guidance for ROFA's.
2009 TOTALS			\$0	\$195,200	\$48,800	\$244,000		

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5	Rehabilitation of Runway 4-22	2012	\$4,845,000	\$127,500	\$127,500	\$5,100,000	Design and rehabilitate Runway 4-22. After rehabilitation 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 2009 2011 FDOT Statewide Pavement Management Program report Pavement Condition Index was "very poor" (29) and indicates that Runway 4-22 requires rehabilitation.
6	Runway 4-22 RSA and ROEA Improvements	2012	\$199,5000 \$0	\$52,500 \$1,680,000	\$52,500 \$420,000	\$2,100,000	Design and construct Runway 22 departure end RSA, ROEA and golf course modifications under the proposed ALP.	This project is required in order to meet current FAA standards and to receive federal funding for the rehabilitation of runway 4-22. This project should be completed concurrently with the Runway 4-22 Rehabilitation project.
7	Taxiway "E" Realignment	2012	\$712,500 \$798,000	\$18,750 \$21,000	\$18,750 \$21,000	\$750,000 \$840,000	Design and construct the realignment of Taxiway "E" to meet runway centerline to taxiway centerline standards under the proposed ALP.	This project is depicted on the proposed ALP and is required to meet current FAA standards. This project should be completed concurrently with the Runway 4-22 Rehabilitation project.
8	Relocate/Replace Wind Indicator Out of RSA	2012	\$82,644	\$2,175	\$2,175	\$86,994	Project consists of removal and replacement of the existing midfield wind direction indicator outside of the RSA.	Wind indicator is a large non-frangibly mounted object currently located within the RSA for both RWY 13-31 and 4-22. Should be completed when Runway 4-22 is rehabilitated. This project should be completed concurrently with the Runway 4-22 Rehabilitation project.
9	Environmental Assessment - Runway 13-31	2012	\$427,500	\$11,250	\$11,250	\$450,000	Environmental Assessment for the proposed Runway 13-31 improvements and related projects under the proposed ALP. Study will evaluate the impact(s) of the proposed improvements and will include public participation.	Project is necessary for meeting federal law for implementing Runway 13-31 improvements as depicted on the proposed ALP.
10	Survey for GPS Approaches	2012	\$475,000	\$12,500	\$12,500	\$500,000	Survey for GPS approaches on Runway 5-23.	Required by FAA to establish non-precision GPS approaches for the airport's preferred noise mitigation runway.

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16	Design Runway 31 Extension and Taxiway "D" Extension and Rehabilitation	2013	\$1,716,000 \$342,000	\$45,000 \$9,000	\$45,000 \$9,000	\$1,806,000 \$360,000	Runway 13-31 will be shifted 727-feet to the southwest to shift the RPZ onto airport property to the extent possible. Taxiway "D" will be rehabilitated and extended to provide access to the new runway end.	Runway 13-31 will be shifted 727-feet to the southwest to shift the RPZ onto airport property to the extent possible as shown on the proposed ALP. The 2011 FDOT Pavement Condition Index was "fair" (63) for Taxiway D and it was last rehabilitated in 1970.
17	Design EMAS	2013	\$712,500	\$18,750	\$18,750	\$750,000	Design and permit EMAS site and EMAS installation.	Install EMAS at the end of Runway 31 as part of the project to shift the RPZ onto airport property under the proposed ALP. Project required to meet current FAA standards.
18	Design Rehabilitation of Runway 13-31 Connector Taxiways	2013	\$95,000	\$2,500	\$2,500	\$100,000	Design rehabilitation of Runway 13-31 connector taxiways that are located within the RSA and remove a portion of closed Runway 9-27 that is located within the ROFA.	The 2011 FDOT Pavement Condition Indexes range from "poor" (45) to "serious" (25). Since the runway will have to be closed for this work to be completed, this project should run concurrently with the Runway 13-31 extension.
19	Obstruction Removal and Grading of Primary Surface to Conform to <u>FAA Part 77 Requirements</u> Surfaces	2013	\$1,844,100 \$570,000	\$48,450 \$15,000	\$48,450 \$15,000	\$1,938,000 \$600,000	Many areas exist within the primary surface <u>FAA Part 77 surfaces</u> that have trees or other objects that are proposed to be removed under the proposed ALP.	This project is required in order to meet current FAA <u>FAA Part 77</u> standards.
20	Design & Rehabilitate taxiways within the existing T-Hangar Area	2013 2013	\$0	\$1,600,000	\$400,000	\$2,000,000	Design, permit and rehabilitate the taxiways within the T-Hangar area, install new signs, and paint to meet <u>meet</u> FAA criteria.	This project will help maintain the taxiways within the T-Hangar area and requires the guidance within the area with new signs and markings . This project should improve safety.
21	Aircraft Wash Rack	2013	\$0	\$320,000	\$80,000	\$400,000	Design, Permitting <u>permit</u> and Construction for <u>construct</u> aircraft wash rack.	Provide aircraft owners the ability to wash aircraft on airport property without violating FDEP rules and regulations regarding to industrial waste runoff.
22	Property Appraisal Update	2013	\$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.

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	Relocate Fence	2013	\$142,500	\$3,750	\$3,750	\$150,000	The fence was in poor condition and security of perimeter 4-7-11 was proposed to be increased in the proposed ALP.	The fence is in poor condition and this project will improve the perimeter of safety.
2013 TOTALS			\$1,809,500	\$1,970,250	\$530,250	\$4,310,000		
23	Comprehensive Master Security Plan	2014	\$0	\$250,000	\$0	\$250,000	Design and construct 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. 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 will contribute to the overall security of the airfield and improve safety for aircraft.
24	Construct Runway 31 Extension and Taxiway "D" Extension and Rehabilitation	2014	\$1,710,000	\$45,000	\$45,000	\$1,800,000	Runway 13-31 will be shifted 727-feet to the southwest to shift the RPZ onto airport property to the extent possible. Taxiway "D" will be extended to provide access to the new runway end.	Runway 13-31 will be shifted 727-feet to the southwest to permanently remove 24 single-family residences from the Runway 13 RPZ as shown on the proposed ALP.
25	Install Construct EMAS	2013 2014	\$5,700,000 \$6,650,000	\$150,000 \$175,000	\$150,000 \$175,000	\$6,000,000 \$7,000,000	Install EMAS at the end of Runway 31 as part of the project to shift the RPZ onto airport property under the proposed ALP. Construct EMAS site and install EMAS.	Install EMAS at the end of Runway 31 as part of the project to shift the RPZ onto airport property under the proposed ALP. Project required to meet current FAA standards.
26	Construct Rehabilitation of Runway 13-31 Connector Taxiways	2014	\$427,500	\$11,250	\$11,250	\$450,000	Design rehabilitation of Runway 13-31 connector taxiways that are located within the RSA and remove a portion of closed Runway 9-27 that is located within the ROFA.	The 2011 FDOT Pavement Condition Indexes range from "poor" (45) to "serious" (25). Since the runway will have to be closed for this work to be completed, this project should run concurrently with the Runway 13-31 extension.

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27	Design Apron Rehabilitation	2014	\$171,000	\$4,500	\$4,500	\$180,000	Design and permit apron rehabilitation 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.
28	Design & Construct T-Hangars - Midfield	2014	\$0	\$1,200,000	\$300,000	\$1,500,000	Design, permit and construct T-Hangars.	Capital improvement project which generates revenue for the airport provides a service to the local based aircraft owners/pilots.
29	Safety, Wildlife and Security Fencing	2014	\$760,000	\$20,000	\$20,000	\$800,000	Design, permit and construct safety, wildlife, and security fencing along the airport's perimeter.	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.
2014 TOTALS			\$9,718,500	\$1,705,750	\$555,750	\$11,980,000		

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30	Construct Apron Rehabilitation	2015	\$4,750,000	\$125,000	\$125,000	\$5,000,000	Construct Apron rehabilitation 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.
31	Design Rehabilitation of Taxiways A, B, and C	2015	\$665,000	\$17,500	\$17,500	\$700,000	Design and permit the rehabilitation of Taxiways A, B and C.	These taxiways have not been rehabilitated for 25 - 69 years. The 2011 FDOT Pavement Condition Indexes range from "fair" (59) to "poor" (51).
32	Design Rehabilitation of Electrical Vault and Generator Replacement	2012 2015	\$1,425,000 \$190,000	\$37,500 \$5,000	\$37,500 \$5,000	\$1,500,000 \$200,000	Assess and evaluate electrical vault needs, design and construct new building and reconnect busbars - Design rehabilitation of building, including a new generator.	The existing electrical lighting system is aging and failure is starting to occur. The system is currently more than 20 years old and replacement/rehabilitation is necessary to improve airport maintain existing infrastructure, and aviation safety. Should be completed during construction of the new airfield lighting system concurrently with taxiway lighting system improvements.
33	Design Taxiway Lighting System Improvements	2012 2015	\$950,000 \$142,500	\$25,000 \$3,750	\$25,000 \$3,750	\$1,000,000 \$150,000	Assess, evaluate, design and construct updated electrical system. This will include removing all direct buried cable and replace with in-conduit cable, replacing taxiway edge lights with LED edge lights, install new signs, and relocate to meet current FAA standards.	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, will improve airport and aviation public safety. Project needs to run concurrent with Electrical Vault

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34	Circus Arena Demolition and Access Road	2015	\$1,900,000	\$50,000	\$50,000	\$2,000,000	Raze the Circus Arena Building and develop a connecting road from U.S. Business 41 to Airport Avenue.	This project is contingent upon a 3-year 2-year Letter of Intent currently being developed and a subsequent potential long-term lease with the Venice Circus Arts Foundation, Inc. and the successful rezoning of the area drafted . The existing buildings are in extremely poor condition and limited access to the site has reduced interest in the property.
35	Reconfigure Airport Administration Building	2015	\$0	\$320,000	\$80,000	\$400,000	Design, permit and construct reconfiguration of airport administration building.	Reconfiguration of the existing building will allow the Airport to better meet the demands for leased office space, establish an aviation history museum and provide a public meeting/conference room.
	Design and Construct Holding Bay - Runway 4 & 34	2015	\$200,000	\$5,000	\$5,000	\$200,000	Construct Hold Run-up Areas - Runway 4 and Runway 34 Aircraft holding area for aircraft run-up and pilot checks to avoid obstruction of taxiway for other aircraft utilization.	This project is indicated on the AIP and is addressed in Chapter 12, Capital Improvements. The design and construction of holding bays for the remaining two runways at our airport would be an important land feature to allow pilots to adequately perform aircraft run-ups and checks in a safe and functional area that would not conflict or obstruct the taxiways for other aircraft utilizing access to runway 11 and/or 4. Estimated holding bays to be 200' x 200'.
36	New Airport Maintenance Facility Building	2015 2015	\$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 and provide building meeting the current building, health and hurricane codes. The current facility has deteriorated and has limited use. The existing facility could then be renovated and leased to generate additional revenue due to its location with public street frontage.
37	Acquire Pavement Rehabilitation Trailer with Equipment	2015	\$0	\$28,000	\$7,000	\$35,000	Purchase new trailer with equipment to allow airport staff to conduct minor repairs to asphalt surface pavements.	This project will help staff maintain the runways, taxiways and apron areas by sealing cracks. It will also help improve safety by reducing the amount of FOD found on the surface pavements.
2015 TOTALS			\$7,647,500	\$1,069,250	\$418,250	\$9,135,000		

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38	Airport Master Plan and ALP Update	2016	\$332,500	\$8,750	\$8,750	\$350,000	Hire consultant to update the airport master plan and ALP.	MPU and ALP should be updated every 5 years.
39	Construct Rehabilitation of Taxiways A, B and C	2016	\$2,660,000	\$70,000	\$70,000	\$2,800,000	Construct taxiway rehabilitation.	These taxiways have not been rehabilitated for 25-69 years. The 2011 FDOT Pavement Condition Indexes range from "fair" (59) to "poor" (51).
40	Construct Rehabilitation of Electrical Vault and Generator Replacement	2016	\$1,425,000	\$37,500	\$37,500	\$1,500,000	Assess and evaluate electrical vault needs. Construct rehabilitation of building and replace generator.	The existing electrical lighting system is aging and failure is starting to occur. The system is currently more than 20 years old and rehabilitation is necessary to improve airport and aviation safety. Should be completed concurrently with taxiway lighting system improvements.
41	Construct Taxiway Lighting System Improvements	2016	\$950,000	\$25,000	\$25,000	\$1,000,000	Assess, evaluate, design and construct 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.	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 will improve airport and aviation public safety. Project needs to run concurrent with Electrical Vault.
42	Design of Rehabilitation and Reconfiguration of Abandoned Runway 9-27 into Taxiway and Tie-down Apron	2016	\$285,000	\$7,500	\$7,500	\$300,000	Design and permit the rehabilitation and reconfiguration of Runway 9-27, which has been abandoned and is currently used as a taxiway, 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. The aircraft parking and maintenance run-up areas will also require reconfiguration.
43	Design Access Road for Commerce Park	2015 2016	\$3,400,000 \$380,000	\$400,000 \$10,000	\$400,000 \$10,000	\$4,000,000 \$400,000	Design and Construct permit access road to airport commerce park.	This project will improve revenue opportunities for the airport by providing access to areas that are currently undevelopable due to lack of road access.
44	Design and Construct T-Hangars - Midfield #2	2016	\$0	\$1,200,000	\$300,000	\$1,500,000	Design and construct T-Hangars.	Capital improvement project which generates revenue for the airport provides a service to the local based aircraft owners/pilots.
2016 TOTALS			\$6,032,500	\$1,358,750	\$458,750	\$7,850,000		

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45	Construct Rehabilitation and Reconfiguration of Abandoned Runway 9-27 into Taxiway and Tie-down Apron	2017	\$2,375,000	\$62,500	\$62,500	\$2,500,000	Design and permit the rehabilitation and reconfiguration of Runway 9-27, which has been abandoned and is currently used as a taxiway, 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. The aircraft parking and maintenance run-up areas will also require reconfiguration.
46	Construct Access Road for Commerce Park	2017	\$3,420,000	\$90,000	\$90,000	\$3,600,000	Construct Access Road to Airport Commerce Park.	This project will improve revenue opportunities for the airport by providing access to areas that are currently undevelopable due to lack of road access.
47	Taxiway "E" Extension	2017	\$0	\$960,000	\$240,000	\$1,200,000	Design permit and construct 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 the preferred noise mitigation runway, 5-23.
48	Airfield Mowing Equipment	2011-2017	\$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.
2017 TOTALS			\$5,795,000	\$1,234,900	\$423,100	\$7,453,000		
GRAND TOTALS of ALL YEARS			\$37,812,168	\$10,986,726	\$3,432,448	\$52,231,342		