



KEY WEST INTERNATIONAL AIRPORT  
CAPITAL IMPROVEMENT PROGRAM

FISCAL YEAR	PROJECT NAME	PROJECT DESCRIPTION
2016	Reconstruct Terminal Apron	The project includes replacing the existing asphalt pavement with concrete pavement. The existing asphalt pavement is showing signs of severe distress including rutting and shoving. The concrete pavement will provide a more suitable operating surface for the aircraft and will have a longer service life.
2016	Drainage Phase 2 & 3 Construction	The project includes the construction of two pumped stormwater injection wells and the construction of approximately 540 LF of exfiltration trench. The purpose of the pumped injection wells is to improve the efficiency of the airfield drainage system. The exfiltration trench will add additional storage and treatment capacity to the stormwater management system.
2016	Noise Insulation Program (NIP) Phase 1-Design	The objective of this project is to reduce interior noise levels, generated by exterior aircraft operations, in habitable rooms for eligible structures located within the 2013 Existing Condition Noise Exposure Map for Key West International Airport. This project is for the design of the noise insulation improvements to the Key West by the Sea condominiums and the three single family homes (located within the DNL 70 dB noise contour).
2016	Runway 9-27 Rehabilitation-Design Only	The project includes the design and bidding of the rehabilitation of Runway 9-27. The existing runway pavement is showing signs of distress and is requiring increased maintenance. The rehabilitation also consists of the conversion of the existing overrun pavement to usable pavement for aircraft departures. The conversion of the overrun pavement to usable runway pavement will require the construction of concrete pavement to accommodate the turning maneuver of the aircraft.
2017	Terminal Improvements (Chillers/Photovoltaic) - Design Only	The project includes the design for the rehabilitation or replacement of the existing chillers that serve the terminal. The chillers have reached the end of the useful life and need to be rehabilitated or replaced. The chillers are the main component of the cooling system for the terminal. In addition, the airport will explore the potential to install photovoltaic panels on the roof of the terminal to capture solar energy as a sustainable energy source.



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2017	NIP Phase 1A - Construction	The project consists of the construction of noise insulation improvements designed previously. The construction will include improvements to Building B at Key West by the Sea and three single family homes that fall within the 2013 Existing Condition Noise Exposure Map for Key West International Airport.
2017	Runway 9-27 Rehabilitation - Construction	The project consists of the construction of the previously designed rehabilitation of Runway 9-27. The existing runway pavement is showing signs of distress and is requiring increased maintenance. The rehabilitation also consists of the conversion of the existing overrun pavement to usable pavement for aircraft departures. The conversion of the overrun pavement to usable runway pavement will require the construction of concrete pavement to accommodate the turning maneuver of the aircraft.
2018	Terminal Improvements (Chillers/Photovoltaic)- Construction	The project consists of the construction of previously designed improvements/replacement of the chillers that serve the terminal building. The chillers are the main component of the cooling system for the terminal. The construction will also include the installation of photovoltaic panels on the roof of the terminal to capture solar energy as a sustainable power source for the terminal.
2018	Taxiway Rehabilitation – Design Only	The project includes design and bidding of the rehabilitation of the existing taxiway system on the airfield. The pavement surface of the taxiway system has signs of weathering and other surface distress and needs to be rehabilitated. The rehabilitation also consists of the reconfiguring the taxiways to meet new FAA design requirements. The project will also include any necessary lighting and signage improvements as well as drainage improvements.
2018	NIP Phase 1B - Construction	The project consists of the construction of noise insulation improvements designed previously. The construction will include improvements to Building C at Key West by the Sea condominiums that fall within the 2013 Existing Condition Noise Exposure Map for Key West International Airport.



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2019	Taxiway Rehabilitation – Construction	The project consists of the construction of the previously designed rehabilitation of the existing taxiway system on the airfield. The pavement surface of the taxiway system has signs of weathering and other surface distress and needs to be rehabilitated. The rehabilitation also consists of the reconfiguring the taxiways to meet new FAA design requirements. The project will also include any necessary lighting and signage improvements as well as drainage improvements.
2019	NIP Phase 1C - Construction	The project consists of the construction of noise insulation improvements designed previously. The construction will include improvements to Building A at Key West by the Sea condominiums that fall within the 2013 Existing Condition Noise Exposure Map for Key West International Airport.
2020	NIP Phase 2 – Design Only	The project includes the design of noise insulation improvements to habitable rooms in buildings that fall within the identified Noise Exposure Map for Key West International Airport, as identified by the ongoing NIP process.
2021	NIP Phase 2 - Construction	The project consists of the construction of improvements designed previously. The construction will include improvements to habitable rooms in buildings that fall within the identified Noise Exposure Map for Key West International Airport.