

January 10, 2020
County of Volusia
Notice for Public Comment
File New PFC #3 Impose and Use Application

The County of Volusia, owner and operator of the Daytona Beach International Airport (DAB or the "Airport"), is posting this public notice as part of the Passenger Facility Charge (PFC) Application process under 14 CFR §158.24.

The County will be notifying the Federal Aviation Administration (FAA) of its intent to submit a new \$4.50 impose and use PFC Application. As part of this process, the County is providing the Public the following information regarding the referenced application.

A. BACKGROUND AND PURPOSE OF NEW PFC #03 APPLICATION

The County of Volusia is hereby notifying the Public, pursuant to Section §158.23(a) of 14 CFR Part 158, of its intention to apply for approval of the Federal Aviation Administration (FAA) for the following:

- To collect a \$4.50 PFC per enplaning passenger at DAB. The estimated charge effective date will be August 1, 2020 and the estimated expiration date will be November 1, 2029 in order to collect \$14,778,809 PFCs.
- DAB has identified the need for PFC revenues to fund the allowable costs of planning, design and construction for the various projects. Section A herewith describes the projects for which the PFC revenues are to be collected and applied.
- To collect a total of \$14,778,809 in PFCs, categorized as follows:
 - \$6,778,809 (impose and use) of these approved collected funds to pay for eligible projects, and
 - \$8,000,000 (impose only) of these approved PFC funds that will be used for projects implemented in 2023 and 2024.

B. PROJECT DESCRIPTIONS

The projects proposed for funding by PFC for this application for DAB Application #3 are described below. Projects 3.9, 3.10 and 3.11 are "impose only"; all others are "impose and use".

3.1. Taxiway N Design and Construction

Project Description: Due to the age and condition of the Taxiway N pavement, the pavement needed to be rehabilitated. Geometry was updated where necessary to comply with FAA standards. Design for this project began in 2016 and moved into construction. The project is anticipated to be completed in November 2020.

Project Justification: This project will improve the operational safety of Airport operations by replacing deteriorating pavement. Maintaining the safety and integrity of the Airport's taxiway system is vital to ensuring the airport continues to meet the needs of the traveling public. This project will enhance safety.

PFC Requested Amount: \$2,091,049

PFC Impose Rate: \$4.50

3.2. PFC Consultation

Project Description: The Airport has retained a consultant to support the preparation of the Passenger Facility Charge (PFC) Application #3 and the closing of PFC Application #2. Work will be performed between July 2019 and April 2020.

Project Justification: FAA Guidance regarding PFC applications specifically allows the cost of preparation and administration of PFCs to be included as an allowable cost. With the PFC funds obtained, the Airport will be able to make necessary capital improvements to the facility. Considering the type of projects that will be implemented as part of the PFC application process, this assistance will enhance overall airport safety.

PFC Requested Amount: \$49,845

PFC Impose Rate: \$4.50

3.3. Terminal Renovation

The current terminal building was opened in October 1992. This major renovation includes updating and replacing components that have exceeded their useful life and providing modern amenities needed by passengers. There are several major components to the Terminal Renovation Project. The descriptions for those components included in this PFC Application are:

- Renovation Materials
- Escalator / Elevator Replacement
- Fire Alarm System Design and Construction
- Air Conditioner (A/C) for Passenger Boarding Bridges (PBBs), and
- Pre-Conditioned (PC) Air for Passenger Boarding Bridges (PBBs)

3.3.a. Renovation Materials

Project Description: Improvements to Information Technology (IT), flooring, ticket counters and signage are included. All improvements are within the public use space of the terminal building. Design for this project was initiated in 2018, and it is anticipated the construction will be complete in May 2021.

Project Justification: The terminal building is 27 years old and certain components have exceeded their useful life and need to be replaced. This project will preserve capacity.

PFC Requested Amount: \$1,000,000

PFC Impose Rate: \$4.50

3.3.b. Escalator / Elevator Replacement

Project Description: The escalators and elevator from the ground level of the terminal building (between ticketing and baggage claim) to the gate level have exceeded their useful life and need to be replaced. Design for this project was initiated in 2019, and it is anticipated the construction will be complete in March 2021.

Project Justification: The escalators and elevator are the primary vertical circulation for all passengers using the Airport. They were installed in 1992 and have exceeded their useful life and need to be replaced. This project will enhance safety.

PFC Requested Amount: \$644,565

PFC Impose Rate: \$4.50

3.3.c. Fire Alarm System

Project Description: The current terminal's Simplex Grinnell Auto Call Fire Alarm system is 27 years old and in need of replacement. This component includes design and construction for a new system, which will provide functional graphic panel with detailed locations of the facilities.

Project Justification: The main terminal's Simplex Grinnell Auto Call Fire Alarm system was installed in 1992. The majority of the system critical components have been discontinued, and any other replacements parts are difficult to find. A new system will provide efficient and safer response with a graphic panel detailing locations of the facilities. This system is crucial to the safety and security of the traveling public. This project will enhance safety.

PFC Requested Amount: \$332,200

PFC Impose Rate: \$4.50

3.3.d. Air Conditioning Units for Passenger Boarding Bridges

Project Description: This component includes an air conditioner for six (6) Passenger Boarding Bridges (PBBs). Five ton roof top units will be installed on existing power.

Project Justification: The existing system has exceeded its useful life and is need of replacement. This new system is critical to the maintaining a comfortable environment for the traveling public and will preserve capacity.

PFC Requested Amount: \$181,200

PFC Impose Rate: \$4,50

3.3.e. Precondition Air Units (PC) for Passenger Boarding Bridges

Project Description: This component includes pre-conditioned air for each of the six (6) Passenger Boarding Bridges (PBBs). They maintain the aircraft's cabin air temperature during the boarding process; they are attached to the PBBs.

Project Justification: The existing system has exceeded its useful life and is need of replacement. This new system is critical to the maintaining a comfortable environment for the traveling public and will preserve capacity at the airport.

PFC Requested Amount: \$750,000

PFC Impose Rate: \$4.50

3.4. Airport Rescue and Fire Fighting (ARFF) Truck 1

Project Description: The project will procure the replacement of ARFF Truck 1, compliant with FAR Part 139 requirements. Procurement of the ARFF vehicle will begin in early 2020 and is anticipated to be acquired in 2021. This truck will replace a 2005 model truck which has reached its useful life. Manufacturing time of the replacement truck is approximately 12-18 months replacement truck will be a Striker Rosenbauer or equivalent 3000-gallon High Reach Extendable Turret (HRET).

Project Justification: ARFF Truck 1 has been in service since 2005 and has exceeded its useful life. Cost to maintain the vehicle has been increasing and the availability of parts has been decreasing. As it ages, dependability continues to decrease. Repair costs for this Fire truck average \$12,000.00 per year. It is required by the FAA through FAR Part 139 that proper equipment be available. The acquisition of the new ARFF truck will allow the airport to enhance safety.

PFC Requested Amount: \$1,100,000

PFC Impose Rate: \$4.50

3.5. Airport Rescue and Fire Fighting (ARFF) Truck 2

Project Description: The project will procure the replacement of ARFF Truck 2, compliant with FAR Part 139 requirements. Procurement of the ARFF vehicle will begin in 2020 and is anticipated to be acquired in 2021. Manufacturing time of the replacement truck requires approximately 12-18 months.

Project Justification: ARFF Truck 2 has been in service since 2006 and has exceeded its useful life. Cost to maintain the vehicle has been increasing and the availability of parts has been decreasing. As it ages, dependability continues to decrease. It is required by the FAA through FAR Part 139 that proper equipment be available. The acquisition of the new ARFF truck will allow the airport to enhance safety.

PFC Requested Amount: \$55,000

PFC Impose Rate: \$4.50

3.6. Runway 25R Runway Safety Area (RSA)/Runway Obstacle Free Area (ROFA) Design

Project Description: This is for the design effort to be completed for improvements to the RSA and ROFA for Runway 25R to meet current FAA standards. This design will include the regrading and replacement of underground stormwater pipes for the RSA (500' wide by 1,000' feet long).

Project Justification: The RSA and ROFA need to be improved to meet current FAA standards. This project is necessary to comply with FAR Part 139 and current FAA Advisory Circulars. This project will improve overall safety and ensure the continued safe operations of aircraft.

PFC Requested Amount: \$5,450

PFC Impose Rate: \$4.50

3.7. Runway 25R RSA/ROFA Construction

Project Description: This project is for the bid services and construction of the physical improvements to the RSA and ROFA for improvements to the Runway Safety Area (RSA) and Runway Obstacle Free Area (ROFA) for Runway 25R to meet current FAA standards. This construction will include the regrading and replacement of underground stormwater pipes for the RSA (500' wide by 1,000' feet long).

Project Justification: The RSA and ROFA need to be improved to meet current FAA standards. This project is necessary to comply with FAR Part 139 and current FAA Advisory Circulars. This project will improve overall safety and ensure the continued safe operations of aircraft.

PFC Requested Amount: \$54,500

PFC Impose Rate: \$4.50

3.8. Replace Airport Beacon Tower

Project Description: The Airport's rotating beacon is over thirty years old (30) and was last rehabilitated approximately twenty (20) years ago.

Project Justification: An airport beacon is a required navigation aid. Due to the age of the current beacon, a new beacon should be installed. Maintenance repairs are costly and often experience long lead times for delivery of replacement parts for servicing. This will enhance the safety of the airfield operations.

PFC Requested Amount: \$15,000

PFC Impose Rate: \$4.50

3.9. Foreign Object Debris (FOD) Power Vacuum Sweeper Truck

Project Description: The airport will purchase a FOD Sweeper Truck to remove foreign object debris (FOD) from the airfield ramps and movement areas. This FOD Sweeper Truck will supplement the current FOD sweeper that we purchased in 2009. This equipment is eligible pursuant to 158.15(a)(1) and will preserve safety at the airport and for the national air transportation system by keeping the runways and taxiways clear of debris that can cause damage to aircraft serving the airport.

Project Justification: Based on the AIP handbook Table L-2, the Daytona Beach International Airport has more than 40,000 annual operations. As a result, the airport will purchase an additional power vacuum sweeper to remove FOD on the airfield. This sweeper is in addition to the sweeper purchased in 2009.

PFC Requested Amount: \$500,000

PFC Impose Rate: \$4.50

3.10. Stormwater Pond Relocation for Runway 34, Design and Construction (Impose Only)

Project Description: The purpose of this project is to reconfigure the pond to mitigate and prevent aquatic growth. The project will deepen the pond to prevent future growth of aquatic growth. The engineering investigation has determined that the shallow depth of the pond facilitates the growth of vegetation.

Project Justification: This project is based on recommendation from the 2009 Wildlife Hazard Assessment. It is required due to the aquatic growth which has been identified in the Airport's Wildlife Management Plan to be an attractant for birds and other wildlife habitat. This project is required to arrest this growth; provide a long-term solution and responds to the risk imposed by wildlife attracted to this pond and unabated growth. The project is expected to enhance safety.

PFC Requested Amount: \$500,000

PFC Impose Rate: \$4.50

3.11. Terminal Mast Lighting (Impose Only)

Project Description: This project includes the design and replacement of the Terminal apron and ramp high mast poles, lighting fixtures and fixture lowering/ lifting / servicing system.

Project Justification: The current apron and ramp high mast lighting was installed in 1992 and needs to be replaced to meet current wind load criteria. The new poles and lowering device will create a safe maintenance working environment for servicing the lighting fixtures and securing the ramp during weather events.

PFC Requested Amount: \$1,500,000

PFC Impose Rate: \$4.50

3.12. Passenger Boarding Bridge Replacement (Impose Only)

Project Description: Replace the DAB Domestic Terminal Passenger Boarding Bridges gates 1-6 with new Truss style bridges.

Project Justification: DAB passenger boarding bridges installed in 1992 and refurbished in 2010 have exceeded their life expectancy. The installation of security, fire alarm, PLC control will ensure the safety and security of the passengers, tenants and ramp employees.

PFC Requested Amount: \$6,000,000

PFC Impose Rate: \$4.50

C. COMMENT PERIOD

Pursuant to 14 CFR §158.24 (2) the County will be accepting written public comments on the proposed applications until close of business on **February 9, 2020**. Written comments should be sent by mail to Erik Treudt at the following address:

Erik R. Treudt, C.M., IACE
Director of Projects and Maintenance
Daytona Beach International Airport
700 Catalina Dr., Suite 300
Daytona Beach, FL 32114

D. POINT OF CONTACT

If you require immediate assistance, please do not hesitate to contact Erik Treudt at etreudt@volusia.org or at 386-248-8030 Ext. 18320

Sincerely,

Erik R. Treudt
Director of Projects and Maintenance