

Barkley Regional Airport
Passenger Facility Charge (PFC) Application
October 10, 2024

Written Notice of Opportunity for Public Comment

The Barkley Regional Airport (PAH) intends to file a new Impose and Use Passenger Facility Charge (PFC) application with the Federal Aviation Administration (FAA) to cover costs for PFC-eligible airport development projects aimed at preserving and enhancing safety, security, and capacity at the Airport since 2014.

As required by Title 14 of the Code of Federal Regulations (CFR) Section 158.24, this notice is being provided to interested parties of the public in the vicinity of the Barkley Regional Airport. The following paragraphs provide the information required by 14 CFR Section 158.24 to provide the public with a written notice and the opportunity for comment.

New Impose and Use Application

The Airport intends to impose and use PFC revenue, at a collection rate of \$4.50 per enplanement, to fund the local share of total project costs for twenty (20) PFC-eligible airport development projects undertaken since 2014. A list of the proposed projects is provided below, and a detailed description of the projects and their funding sources is provided in **Attachment A**:

1. Install Guidance Signs (Runway 14/21 Non-Precision Marking)
2. Improve Airport Drainage (Design)
3. Improve Taxiway Lighting (Design)
4. Improve Taxiway Lighting
5. Improve Airport Drainage (Design)
6. Acquire Snow Removal Equipment
7. Rehabilitate Parking Lot
8. Design Seal Coat Taxiways
9. ALP/AGIS Update
10. 25% Design and EA Sanitary Sewer Extension
11. Rehabilitate Access Road
12. Construction for Drainage Repair Near Taxiway A South
13. Update Airport Master Plan Study
14. Improve Terminal Building Design (extension of City Sewer to airport)
15. Rehabilitate Taxiway A, A1, B, C, F, W
16. Rehabilitate Runway Design
17. Conduct Environmental Study
18. Rehabilitate Runway 4/22 Lighting (Phase 1 Design)
19. Rehabilitate Runway 4/22 (Phase 2 Construction)
20. Acquire ARFF Equipment

Based upon a \$4.50 per enplaned passenger PFC charge, the new Impose and Use Passenger Facility Charge (PFC) application will acquire approximately \$215,899 in PFC revenue. The proposed estimated

charge effective date is February 1, 2025, and the estimated charge expiration date is February 1, 2029. The Air Carrier Compensation Rate is \$0.11 per PFC.

Opportunity for Public Comment

Pursuant to 14 CFT Section 158.24(a)(2), this notice must allow the public to file comments for at least 30 days after the date that this notice was posted on the Airport's website (flybarkley.com). As such, please provide any comments you may have about the proposed PFC application at the Barkley Regional Airport in writing via email by 5:00 pm on November 20, 2024.

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Thank you for your interest in ongoing projects at the Barkley Regional Airport.

Attachment A
PFC Application Project Descriptions

1- Install Guidance Signs (Runway 14/21 Non-Precision Marking)

The project consisted of upgrading the pavement markings on Runway 14/32 including removal of old markings and installing threshold, designation, centerline, aiming point, taxiway lead-in, and threshold arrows. With the crosswind runway having the required length for majority of the aircraft at the airport, it is important for the airport to make sure the marking for the pavement to adequate for the traffic it serves. This project began in April 2014 and was completed in November 2014. The total project cost is \$113,381. PFC Pay-As-You-Go funds will contribute \$11,743 and AIP funds contributed \$101,638.

2- Improve Airport Drainage (Design)

Existing drainage system components on the FBO Apron were deteriorated. To avoid continued deterioration of the system and the pavement around it, the project removed these components and installed new drainage pipe, pipe bedding and concrete apron along the center of the apron. The job will strengthen the pavement and ensure proper drainage for expansive pavement around it. This project began in October 2014 and was completed in August 2015. The total project cost is \$33,763. PFC Pay-As-You-Go funds will contribute \$3,376 and AIP funds contributed \$30,387.

3- Improve Taxiway Lighting (Design)

Taxiway Lighting Infrastructure along Taxiway A, B, and C had reached the end of its useful life and do not meet modern day requirements. The project replaced existing Taxiway Edge Lighting with new LED Edge Lighting. The existing circuit was direct buried and is a safety risk for those operation the area and work on the system. Due to the age of the circuit many splices and replacements have been put in over the years adding to potential failure points. This project began in October 2014 and was completed in August 2015. The total project cost is \$33,766. PFC Pay-As-You-Go funds will contribute \$3,377 and AIP funds contributed \$30,389.

4- Improve Taxiway Lighting

Taxiway Lighting Infrastructure along Taxiway A, B, and C had reached the end of its useful life and do not meet modern day requirements. The project replaced existing Taxiway Edge Lighting with new LED Edge Lighting. The existing circuit was direct buried and is a safety risk for those operation the area and work on the system. Due to the age of the circuit many splices and replacements have been put in over the years adding to potential failure points. This project began in September 2015 and was completed in March 2017. The total project cost is \$292,881. PFC Pay-As-You-Go funds will contribute \$14,644 and AIP funds contributed \$278,237.

5- Improve Airport Drainage (Design)

Existing drainage system components on the FBO Apron were deteriorated. To avoid continued deterioration of the system and the pavement around it, the project removed these components and installed new drainage pipe, pipe bedding and concrete apron along the center of the apron. The job will strengthen the pavement and assure proper drainage for expansive pavement around it. This project began in September 2015 and was completed in March 2017. The total project cost is \$547,464. PFC Pay-As-You-Go funds will contribute \$27,373 and AIP funds contributed \$520,091.

6- Acquire Snow Removal Equipment

Acquire a John Deere front end loader 644 with plow attachment for snow removal. This project began in September 2015 and was completed in March 2017. The total project cost is \$181,562. PFC Pay-As-You-Go funds will contribute \$9,078 and AIP funds contributed \$172,484.

7- Rehabilitate Parking Lot

Access to terminal loop and FBO pavement has reached its end of useful life and is to be milled and replaced. Both entrances are to be widened at their throats with utilities underneath to be extended along with them. FBO parking lot and fuel farm area is also to be milled and replaced under this project, with new lighting along Hardy Roberts drive. This project began in September 2015 and was completed in March 2017. The total project cost is \$10,000. PFC Pay-As-You-Go funds will contribute \$500 and AIP funds contributed \$9,500.

8- Design Seal Coat Taxiways

Knowing Taxiway F and W fall further down the FAA Priority list, it is important to extend the life of the pavements. The taxiways, now 10 years old, have been sealed to help the preservation of the pavement. This project began in December 2015 and was completed in March 2019. The total project cost is \$36,994. PFC Pay-As-You-Go funds will contribute \$1,850 and AIP funds contributed \$35,144.

9- ALP/AGIS Update

This study consisted of the acquisition of AGIS data sets and aerial mapping information in support of the upcoming Airport Master Plan Update effort that was initiated the following year. This project began in December 2015 and was completed in March 2019. The total project cost is \$177,248. PFC Pay-As-You-Go funds will contribute \$8,862 and AIP funds contributed \$168,386.

10- 25% Design and EA Sanitary Sewer Extension

This project consisted of the performance of preliminary design services, as well as NEPA documentation services, associated with the need to extend the municipal sanitary sewer network out to the airport terminal building from its nearest point of connection (near the high school). These improvements will allow the airport to remove the aged package plant waste treatment facility which has reached the end of its useful life and is no longer capable of processing the airport terminal generated waste streams within acceptable limits. This project began in December 2015 and was completed in March 2019. The total project cost is \$175,139. PFC Pay-As-You-Go funds will contribute \$8,757 and AIP funds contributed \$166,382.

11- Rehabilitate Access Road

Access to terminal loop and FBO pavement has reached its end of useful life and is to be milled and replaced. Both entrances are to be widened at their throats with utilities underneath to be extended along with them. FBO parking lot and fuel farm area is also to be milled and replaced under this project, with new lighting along Hardy Roberts drive. This project began in September 2015 and was completed in March 2017. The total project cost is \$94,356. PFC Pay-As-You-Go funds will contribute \$4,718 and AIP funds contributed \$89,638.

12- Construction for Drainage Repair Near Taxiway A South

The work consisted of grading and drainage infrastructure improvements near the intersection of Runway 14/32 and Taxiway A South. This project began in December 2015 and was completed in March 2019. The total project cost is \$95,449. PFC Pay-As-You-Go funds will contribute \$4,772 and AIP funds contributed \$90,677.

13- Update Airport Master Plan Study

This study was intended to consist of the preparation of a narrative report and associated set of airport layout plan drawings in conformance with the applicable FAA Advisory Circulars to update the Airport Master Plan for the Barkley Regional Airport. This airport master planning effort was primarily intended to include activities such as documenting existing conditions, forecasting future aviation activity, quantifying new facility requirements to accommodate the forecasted demand, and identifying potential funding sources for the proposed development program. This project began in September 2017 and was completed in August 2020. The total project cost is \$430,836. PFC Pay-As-You-Go funds will contribute \$21,542, AIP funds contributed \$344,669, and other state and/or local funds contributed \$64,625.

14- Improve Terminal Building Design (extension of City Sewer to airport)

This project consisted of final design services, including the preparation of construction drawings and technical specifications, as well as the performance of bidding phase services, associated with the need to extend the municipal sanitary sewer network out to the airport terminal building from its nearest point of connection (near the high school). These improvements will allow the airport to remove the aged package plant waste treatment facility which has reached the end of its useful life and is no longer capable of processing the airport terminal generated waste streams within acceptable limits. This project began in September 2017 and was completed in October 2018. The total project cost is \$100,779. PFC Pay-As-You-Go funds will contribute \$5,039, AIP funds contributed \$80,623, and other state and/or local funds contributed \$15,117.

15- Rehabilitate Taxiway A, A1, B, C, F, W

Sections of existing pavement areas were deteriorated and in need of repair. Repair methods consisted of pavement milling and replacement as well as crack sealing. Pavement markings were applied where needed. This project began in June 2017 and was completed in October 2018. The total project cost is \$1,388,754. PFC Pay-As-You-Go funds will contribute \$69,438, AIP funds contributed \$1,111,003, and other state and/or local funds contributed \$208,313.

16- Rehabilitate Runway Design

The magnetic orientation of RWY 4-22 has over time changed to an orientation of 5-23. FAA has notified the airport to consider remarking the Runway to accommodate this change in magnetic variation. The project includes the removal of existing markings, re-marking the runway and changing any guidance sign panels effected. This project began in August 2018 and was completed in June 2019. The total project cost is \$56,382. PFC Pay-As-You-Go funds will contribute \$2,819, AIP funds contributed \$45,106, and other state and/or local funds contributed \$8,457.

17- Conduct Environmental Study

All tree penetrations will be identified with the update to the ALP/AGIS. The removal of these penetrations will enhance safety operations on and around the Airport. Before removal an Environmental Assessment must be conducted. This Grant will provide funding for the EA. This project began in August 2018 and was completed in July 2022. The total project cost is \$87,940. PFC Pay-As-You-Go funds will contribute \$4,397, AIP funds contributed \$70,352, and other state and/or local funds contributed \$13,191.

18- Rehabilitate Runway 4/22 Lighting (Phase 1 Design)

The existing HIRL system was placed in 1975. The system is well beyond its life cycle. New edge lights, threshold lights, distance remaining signs and duct banks are to be installed. Existing lights and associated parts are no longer available or extremely expensive to acquire. Existing lights are also very difficult for the airport to work on due to the age. This project began in September 2019 and was completed in January 2020. The total project cost is \$59,975. PFC Pay-As-You-Go funds will contribute \$2,999, AIP funds contributed \$47,980, and other state and/or local funds contributed \$8,996.

19- Rehabilitate Runway 4/22 (Phase 2 Construction)

The magnetic orientation of RWY 4-22 has over time changed to an orientation of 5-23. FAA has notified the airport to consider remarking the Runway to accommodate this change in magnetic variation. The project includes the removal of existing markings, re-marking the runway and changing any guidance sign panels effected. This project began in October 2019 and was completed in June 2020. The total project cost is \$146,575. PFC Pay-As-You-Go funds will contribute \$7,329, AIP funds contributed \$117,260, and other state and/or local funds contributed \$21,986.

20- Acquire ARFF Equipment

EPA is requiring Fire Fighting Foam Equipment to have this test equipment attached to monitor the foam not exceed 6%. The existing suits have a life cycle that ends on 12/31/2019. These suits will replace the existing suits. This project began in November 2019 and was completed in October 2022. The total project cost is \$65,730. PFC Pay-As-You-Go funds will contribute \$3,287, AIP funds contributed \$52,584, and other state and/or local funds contributed \$9,860.