

March 12, 2020

**PUBLIC NOTICE**

In accordance with U.S. Department of Transportation Federal Aviation Administration 14 CFR Part 158 (Passenger Facility Charges), the City of Midland, Texas, as Owner and operator of Midland International Air & Space Port, has previously imposed a Passenger Facility Charge (PFC) as specified in 14 CFR Part 158, per the Federal Aviation Administration's Record of Decision dated October 16, 1992. Pursuant to Part 158.24, the City of Midland, Texas is providing this Public Notice of the intent to request an Amendment to PFC Application No. 18-08-C-01-MAF and to allow the public to file comments.

In accordance with 14 CFR Part 158 section 158.37, the City of Midland, Texas will be requesting authorization to amend the existing FAA Approved Impose and Use PFC Application No. 18-08-C-01-MAF for the following project:

Item 8-8 Airfield Storm Drainage System Improvements – Amend requested PFC collection amount based on the updated opinion of probable construction cost prepared as part of the final design.

The above project will remain at the approved collection rate (level) of \$4.50.

The original Application Final Agency Decision (FAD) date was February 15, 2018. The Amendment 1 to the Application Final Agency Decision (FAD) date was March 15, 2018. The current Charge Expiration Date for Application No. 18-08-C-01-MAF is January 1, 2021. The amended estimated Charge Expiration Date is December 1, 2021.

This amendment will result in a net increase in PFC collection amount for this application of \$2,538,285. The requested amended total PFC collection amount for this application is \$9,536,950.

See attached for project detail information.

**The deadline for receipt of public comments is April 16, 2020.**

Submit comments to the following:

Justine Ruff  
Director of Airports  
Midland International Air & Space Port  
P.O. Box 60305  
Midland, Texas 79711-0305

MIDLAND INTERNATIONAL AIR & SPACE PORT  
AMENDMENT 2 PFC APPLICATION NO. 8  
PROJECT INFORMATION

PROJECT:

Item 8-8, Airfield Storm Drainage System Improvements

PROJECT DESCRIPTION:

Original Application with Amendment 1

The existing airfield storm sewer system was originally installed during WWII with expansion as runways were extended and taxiways constructed. All the storm sewer pipe is over 35 years old with much of the pipe being over 60 years old. The pipe and inlets are constructed of concrete which can deteriorate causing surrounding soil to infiltrate the pipe or cause a structural failure due to the weight of soil over the top of the pipe or around the inlets. Over the past 3-5 years, at a few locations near inlets, the pipe has collapsed from the normal overburden of soil or from airfield equipment such as mowers crossing the pipe. During a recent storm event, areas had ponding from rainwater that encroached onto the adjacent runway and taxiway, requiring temporary closure of the runway until the water receded. This project will perform an analysis of the overall airfield drainage system in accordance with AC 150/5320-5 Airport Drainage Design. The analysis will determine if the existing airfield storm drainage system meets the requirement of the AC.

In conjunction with the analysis, the existing storm sewer pipe and inlets will be evaluated to determine the condition of the pipe and inlets. Based on the analysis and assessment, a design for constructing improvements that will consist of replacement of undersized storm sewer pipe and/or inlets, replacement of excessively deteriorated or failed pipe/inlets, the addition of pipe/inlets and improvements to grading of the infield drainage areas to the inlets will be prepared. The addition of concrete flat work around inlets may also be required to reduce the potential for blockage of the inlets by vegetation or soil deposits.

The improvements in the design will be based on AC 150/5320-5 for guidance. The improvements to the airfield storm drainage system will be constructed based on the resulting analysis, assessment and design.

Requested Amendment 2

The scope of this project remains the same; no components are added or deleted to this project.

This change is to adjust for the updated opinion of probable bid cost based on the final design and current construction environment costs.

JUSTIFICATION:

Original Application with Amendment 1

The airfield drainage for storm water needs to provide an adequate system of pipes, inlets and temporary detention areas to accommodate a design storm frequency in accordance with AC 150/5320-5 Airport Drainage Design. The age of the storm sewer pipe and inlet system, the known failures of the pipe and the recent occurrence where storm water encroached onto the runway and taxiway, indicates the need to evaluate the airfield storm drainage system both from the capacity level as well as the condition of the infrastructure. The AC provides requirements for airfield drainage system design to prevent closure of runways and taxiways due to certain frequency storm events. The recent occurrence where the runway had to be closed temporarily caused a reduction in capacity of the airport as well as a potential safety hazard to aircraft. This project seeks to develop the improvements necessary to the airfield storm drainage system to preserve the capacity and safety of the airport.

Requested Amendment 2

The justification of this project remains the same; no components are added or deleted to this project.

This change is to adjust for the updated opinion of probable bid cost based on the final design and current construction environment costs.

PROPOSED DATES/TIMEFRAME FOR PROJECT:

The Study/Analysis and Design Phases of this project were completed in January 2019.  
The Bidding Phase of this project is estimated to occur in July through September 2020.  
Construction of the improvements is expected to begin in October 2020 with estimated completion of construction in October 2021.

COST/FUNDING PLAN:

	Original Application Amendment 1	Requested Amendment 2
Total Estimated PFC Amount -	\$2,989,390	\$5,527,675
Total Existing AIP Grant Funds -	<u>\$ 551,385</u>	<u>\$ 551,385</u>
Total Estimated Project Cost -	\$3,540,775	\$6,079,060

PFC is proposed to fund 10% (local share) of the Analysis/Design Phase costs and 100% of the Construction Phase costs.

See Attached Application Amendment 2 Project Funding Summary

## PFC Application Amendment 2

### Project Funding Summary

**Public Agency:** City of Midland  
**Use Airport(s):** Midland International Air & Space Port  
**Application No:** 18-08-C-01-MAF  
**Date:** 2/20/2020

<u>Project Number/Title</u>	<u>AIP</u>				<u>PFC</u>				<u>LOCAL FUNDS</u>	<u>Total AIP, PFC and LOCAL FUNDS</u>
	Existing Grants	Future Entitlement	Future Discretionary	Total	PayGo	Bond Capital	Fin. & Int.	Total		
<u>ORIGINAL APPLICATION WITH PREVIOUS AMENDMENT 1</u>										
Item 8-8 Airfield Storm Drainage System Improvements	\$ 551,385	\$ 0	\$ 0	\$ 551,385	\$ 2,989,390	\$ 0	\$ 0	\$ 2,989,390	\$ 0	\$ 3,540,775
<u>AMENDMENT 2 APPLICATION</u>										
Item 8-8 Airfield Storm Drainage System Improvements	\$ 551,385	\$ 0	\$ 0	\$ 551,385	\$ 5,527,675	\$ 0	\$ 0	\$ 5,527,675	\$ 0	\$ 6,079,060