



**AIRPORT ADVISORY COMMISSION MEETING
TUESDAY, JUNE 12, 2018 AT 5:00 PM
ROOM No. 174-A
2716 SPIRIT OF TEXAS DRIVE
AUSTIN, TEXAS**

AGENDA

CURRENT BOARD MEMBERS:

Ernest Saulmon, Chair	Nadia Barrera-Ramirez, Vice Chair	Michael Watry, Secretary
Vicky Sepulveda	John Walewski	Mike Rodriguez
Bradley Tegeler	Frank Maldonado	Billy Owens
Jeremy Hendricks	Thomas Thies	

AGENDA

CALL TO ORDER

1. CITIZEN COMMUNICATION: GENERAL

Speakers signed up prior to the meeting being called to order will each be allowed a three-minute allotment to address their concerns regarding items not posted on the agenda.

2. APPROVAL OF MINUTES –

a) May 8, 2018

3. DEPARTMENT OF AVIATION STAFF BRIEFINGS, REPORTS, AND PRESENTATIONS

- a) Finance & Operations Reports for Fiscal Year 2018 to date.
(David Arthur, Assistant Director)
- b) Planning & Engineering Capital Improvement Project Monthly Status Reports.
(Project Manager Supervisor Lyn Estabrook)
- c) Airport Tenant Updates.
(Francisco “Kiko” Garza, Div. Manager, Properties, Advertising, & Bus. Dev.)
- d) Ground Transportation Staging Area (GTSA) Monthly Update.
(Carlton Thomas, Airport Landside Operations Manager)

- e) Update on the Federal Aviation Administration's Performance Based Navigation Arrival Procedures at Austin-Bergstrom International Airport.
(Stephen Dick, Research Analyst)

4. ACTION ITEMS

- a) Conduct Officer Elections
 - i. Chair
 - ii. Vice-Chair
 - iii. Secretary

5. FOR RECOMMENDATION

- a) Approve a resolution expressing the City's consent, as required by Internal Revenue Code Section 147(f), to Public Finance Authority's issuance of bonds for the purpose of making a loan to Austin FBO, LLC in an amount not to exceed \$50,000,000 for the construction and equipping of facilities providing services to general aviation aircraft operations at Austin-Bergstrom International Airport.
- b) Amend Section 13-1-163 (Off-Airport Rental Car Business) of the Code of the City of Austin to reflect changes required by the Department of Aviation in its treatment of Off-Airport Rental Car Businesses at Austin-Bergstrom International Airport (the "Airport").
- c) Approve an ordinance amending the Fiscal Year 2017-2018 Airport Capital Fund Budget (Ordinance 20170913-001) to increase transfers out to the Airport CIP Fund by an amount of \$25,000,000; amend the Fiscal Year 2017-2018 Aviation Capital Improvements Program to appropriate the same amount for the purchase of Lynxs Austin CargoPort, LLC leasehold interest and improvements and to fund additional improvements to the property after acquisition.
- d) Approve a resolution declaring the City of Austin's official intent to reimburse itself from revenue bonds in an amount not to exceed \$25,000,000 for Austin-Bergstrom International Airport.
- e) Authorize award and execution of a multi-term contract with Airport Lighting Systems, Inc. (DBE), to provide airfield lighting, signage, and fixture replacement parts, for up to five years for a total contract amount not to exceed \$5,300,000.

6. NEW BUSINESS

Schedule next airport tour for Airport Advisory Commissioners.

7. OLD BUSINESS (updates)

Status of action items upon which the Commission has made a recommendation to Council.

(Please note the progress of the following items)

Authorize award and execution of a construction contract with **Smith Contracting Co., Inc.**, for Landside Roadway and Pedestrian Improvements - Phase 2 in the amount of \$513,468.30

plus a \$51,346.83 contingency, for a total contract amount not to exceed \$564,815.13. [Item went before City Council on May 24, 2018 and passed.]

Authorize award and execution of four multi-term contracts with **VidTroniX LLC, VidTroniX Ticket and Label LLC, OmniData Services Group LLC, and IER Inc.**, to provide process equipment, consumable supplies, and parts for the shared use passenger processing system, for up to five years for total contract amounts not to exceed \$3,250,000 divided among the contractors. [Item went before City Council on May 24, 2018 and passed.]

Authorize negotiation and execution of a sale and purchase agreement with **Lynxs Austin CargoPort, LLC** for the purchase of its leasehold interest in approximately 731,822 square feet of land and its improvements including three buildings located at Austin-Bergstrom International Airport for a total amount not to exceed \$17,850,000. [Item scheduled to go before City Council on June 14, 2018.]

Authorize negotiation and execution of an amendment to the professional services agreement with **Pierce Goodwin Alexander & Linville, Inc. (PGAL)** for additional architectural and engineering services for the ABIA Parking Garage & Administration Building in the amount of \$2,500,000 for a total contract amount not to exceed \$15,500,000. [Item scheduled to go before City Council on June 14, 2018.]

8. CONFIRM MEETING DATE AND PLACE AGENDA ITEMS FOR NEXT COMMISSION MEETING

Date of next meeting: July 10, 2018

ADJOURNMENT

The City of Austin is committed to compliance with the Americans with Disabilities Act. Reasonable modifications and equal access to communications will be provided upon request. Meeting locations are planned with wheelchair access. If requiring Sign Language Interpreters or alternative formats, please give notice at least 2 days before the meeting date. Please call Becky Nagel, Aviation Department, at (512) 530-6614 for additional information; TTY users route through Relay Texas at 711.

For more information on the Airport Advisory Commission, please contact Susana Carbajal at (512) 530-6364.

The Commission may go into a closed session as permitted by the Texas Open Meetings Act, (Chapter 551 of the Texas Government Code) regarding any item on the agenda.



**AIRPORT ADVISORY COMMISSION
REGULAR MEETING MINUTES
TUESDAY, May 8, 2018**

The Airport Advisory Commission convened in a regular meeting on Tuesday, May 8, 2018, in Room 174-A of the Department of Aviation Planning & Engineering Building, 2716 Spirit of Texas Drive, in Austin, Texas.

CALL TO ORDER

Nadia Barrera-Ramirez, Vice-Chair called the Commission Meeting to order at 5:01p.m.

Commission Members in Attendance:

Nadia Barrera-Ramirez, Vice-Chair
Vicky Sepulveda
Billy Owens
Frank Maldonado

Mike Rodriguez
Michael Watry
John Walewski
Bradley Tegeler

Commission Members Absent:

Ernest Saulmon, Chair
Thomas Thies

Jeremy Hendricks

Aviation Staff in Attendance:

Susana Carbajal
Lyn Estabrook
Carlton Thomas
Rohini Kumarage
Becky Nagel
Ghizlane Badawi
Mark Reinhardt

Dave Arthur
Robert Mercado
Jim Halbrook
Kane Carpenter
Loren Lintner
Eric Bell

Others Present:

Sue Lambe – AIPP/EDD
Curt Gettman – AIPP/EDD
Josh Crawford – Garver
Vincent LeMond – COA/CCO

Marjorie Flanagan – AIPP/EDD
Cris Ruebush - PGAL
John Fuller – Woolpert

1. CITIZENS COMMUNICATIONS:

None.

2. APPROVAL OF MINUTES

The minutes from the meeting of April 10, 2018 were approved on Commission Member Michael Watry's motion, Commission Member Mike Rodriguez's second on a 6-0-1-4 vote. Commission Members Saulmon, Tegeler, Thies and Hendricks absent. Commission Member Barrera-Ramirez abstained.

The minutes from the meeting of April 17, 2018 were approved on Commission Member Nadia Barrera-Ramirez's motion, Commission Member Michael Watry's second on a 7-0-0-4 vote. Commission Members Saulmon, Thies and Hendricks absent.

3. STAFF BRIEFING, REPORTS AND PRESENTATIONS

- a) Finance & Operations Reports for Fiscal Year 2018 to date.
The presentation was made by David Arthur, Assistant Director, Department of Aviation.
- b) Planning & Engineering Capital Improvement Project Monthly Status Reports.
The presentation was made by Lyn Estabrook, Project Manager Supervisor, Department of Aviation.
- c) Airport Tenant Updates.
The presentation was made by Susana Carbajal, Assistant Director, Department of Aviation.
- d) Ground Transportation Staging Area (GTSA) Monthly Update.
The presentation was made by Carlton Thomas, Airport Landside Operations Manager, Department of Aviation.
- e) Barbara Jordan Terminal Gate Renumbering Plan.
The presentation was made by Loren Lintner, Airport Operations Supervisor.
- f) Art In Public Places Update and Airport Art Master Plan.
The presentation was made by Sue Lambe, Economic Development Dept. Program Administrator.
- g) Airport Job Center and Department of Aviation Internship Programs.
The presentation was made by Ghizlane Badawi, Assistant Director and Eric Bell, Human Resources Advisor.

4. FOR RECOMMENDATION

- a) Authorize award and execution of a construction contract with **Smith Contracting Co., Inc.**, for Landside Roadway and Pedestrian Improvements - Phase 2 in the amount of \$513,468.30 plus a \$51,346.83 contingency, for a total contract amount not to exceed

\$564,815.13.

A motion to approve was made by Commission Member Mike Rodriguez's motion, Commission Member Bradley Tegeler's second on an 8-0-0-3 vote. Commission Members Saulmon, Thies and Hendricks absent.

b) Authorize award and execution of four multi-term contracts with **VidTroniX LLC, VidTroniX Ticket and Label LLC, OmniData Services Group LLC, and IER Inc.**, to provide process equipment, consumable supplies, and parts for the shared use passenger processing system, for up to five years for total contract amounts not to exceed \$3,250,000 divided among the contractors.

A motion to approve was made by Commission Member Frank Maldonado's motion, Commission Member Mike Rodriguez's second on an 8-0-0-3 vote. Commission Members Saulmon, Thies and Hendricks absent.

c) Authorize negotiation and execution of a sale and purchase agreement with **Lynxs Austin CargoPort, LLC** for the purchase of its leasehold interest in approximately 731,822 square feet of land and its improvements including three buildings located at Austin-Bergstrom International Airport for a total amount not to exceed \$17,850,000.

A motion to approve was made by Commission Member Michael Watry's motion, Commission Member Frank Maldonado's second on an 8-0-0-3 vote. Commission Members Saulmon, Thies and Hendricks absent.

d) Authorize negotiation and execution of an amendment to the professional services agreement with **Pierce Goodwin Alexander & Linville, Inc. (PGAL)** for additional architectural and engineering services for the ABIA Parking Garage & Administration Building in the amount of \$2,500,000 for a total contract amount not to exceed \$15,500,000.

A motion to approve was made by Commission Member Mike Rodriguez's motion, Commission Member Nadia Barrera-Ramirez's second on an 8-0-0-3 vote. Commission Members Saulmon, Thies and Hendricks absent.

5. NEW BUSINESS

None.

6. OLD BUSINESS

- a) Status of action items upon which the Commission has made a recommendation to Council.

Authorize award and execution of a multi-term contract with **CLO2 Services, LLC**, to provide chlorine dioxide onsite generation services, for up to five years for a total

contract amount not to exceed \$605,000. (Note: This solicitation was reviewed for subcontracting opportunities in accordance with City Code Chapter 2-9C Minority Owned and Women Owned Business Enterprise Procurement Program. For the services required for this solicitation, there were no subcontracting opportunities; therefore, no subcontracting goals were established). **[Item went before City Council on April 12, 2018 and passed.]**

Authorize negotiation and execution of an amendment to the professional services agreement with Kleinfelder, Inc., for design services and construction phase services for the Austin-Bergstrom International Airport Terminal Area Spalling Improvements – Part 2 (Upper Level Embankment) in the amount of \$111, 080.10, for a total contract amount not to exceed \$901,362.39. [Note: This amendment will be awarded in compliance with City Code 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program). Current participation to date is 6.19% MBE and 1.35% WBE.] **[Item went before City Council on May 10, 2018 and passed.]**

Authorize award and execution of a construction contract with Central Road and Utility, Ltd. dba CRU, Ltd., for the Tracon Building Stormwater Improvements project in the amount of \$1,880,220.25 plus a \$188,019.75 contingency, for a total contract amount not to exceed \$2,068,240. (District #2) [Note: This contract will be awarded in compliance with City Code Chapter 2-9A (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals with 50.51% MBE and 2.77% WBE participation.] **[Item went before City Council on May 10, 2018 and passed.]**

Authorize negotiation and execution of a professional services agreement with Page Southerland Page (staff recommendation) or one of the other qualified responders for Request for Qualifications Solicitation No. CLMP237 to provide architectural services for New Information Technology Building in amount not to exceed \$2,500,000. This contract will be awarded in compliance with City Code Chapter 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals with 8.05% DBE participation. **[Item went before City Council on April 26, 2018 and passed.]**

Authorize negotiation and execution of a professional services agreement with the following three staff recommended firms (or other qualified responders) for Request for Qualifications Solicitation No. CLMP241: CP&Y, Inc., MWM DesignGroup, and McGray and McGray Land Surveyors, Inc., for surveying services for the 2018 ABIA Surveying Services Rotation List for an estimated period of two years or until financial authorization is expended, with the total amount not to exceed \$1,500,000 divided among the three firms. [Note: This contract will be awarded in compliance with City Code Chapter 2-9B (Minority Owned and Women Owned Business Enterprise Procurement Program) by meeting the goals of 13.40% DBE participation.] **[Item went before City Council on May 10, 2018 and passed.]**

7. CONFIRM MEETING DATE AND PLACE AGENDA ITEMS FOR NEXT COMMISSION MEETING

Date of next meeting: June 12, 2018

ADJOURN

A motion to approve was made by Commission Member Frank Maldonado's motion, Commission Member Nadia Barrera-Ramirez's second on an 8-0-0-3 vote. Commission Members Saulmon, Thies and Hendricks absent. The meeting adjourned at 6:39 p.m.

The City of Austin is committed to compliance with the Americans with Disabilities Act. Reasonable modifications and equal access to communications will be provided upon request. Meeting locations are planned with wheelchair access. If requiring Sign Language Interpreters or alternative formats, please give notice at least 2 days before the meeting date. Please call Becky Nagel, Aviation Department, at (512) 530-6614 for additional information; TTY users route through Relay Texas at 711.

For more information on the Airport Advisory Commission, please contact Susana Carbajal at (512) 530-6364.

The Commission may go into a closed session as permitted by the Texas Open Meetings Act, (Chapter 551 of the Texas Government Code) regarding any item on the agenda.

CITY OF AUSTIN
AUSTIN-BERGSTROM INTERNATIONAL AIRPORT
Airport Operating Fund 5070
Income Statement - For Internal Use Only
Fiscal Year to Date for 7 Month(s) ended April 30, 2018

	Amended Budget	Budget Annualized 7 month(s)	Year to Date w/ Accruals	Y-T-D Variance Fav (Unfav)	Y-T-D % Variance Fav (Unfav)
REVENUE					
AIRLINE REVENUE					
Landing Fees	31,649,500.00	18,462,208.33	17,940,849.77	(521,358.56)	(2.8%)
Terminal Rental & Other Fees	39,720,500.00	23,170,291.67	25,877,279.73	2,706,988.06	11.7%
TOTAL AIRLINE REVENUE	71,370,000.00	41,632,500.00	43,818,129.50	2,185,629.50	5.2%
NON-AIRLINE REVENUE					
Parking	41,159,122.00	24,009,487.83	22,031,022.35	(1,978,465.48)	(8.2%)
Other Concessions	29,115,047.00	16,983,777.42	18,224,386.15	1,240,608.73	7.3%
Other Rentals and Fees	13,623,400.00	7,946,983.33	10,199,301.85	2,252,318.52	28.3%
TOTAL NON-AIRLINE REVENUE	83,897,569.00	48,940,248.58	50,454,710.35	1,514,461.77	3.1%
Interest Income	497,454.00	290,181.50	496,057.71	205,876.21	70.9%
TOTAL REVENUE	155,765,023.00	90,862,930.09	94,768,897.56	3,905,967.47	4.3%
OPERATING REQUIREMENTS					
Fac Mgmt, Ops and Airport Security	59,808,394.00	34,888,229.83	28,930,138.47	5,958,091.36	17.1%
Airport Planning and Development	3,705,285.00	2,161,416.25	2,291,657.04	(130,240.79)	(6.0%)
Support Services	24,311,414.00	14,181,658.17	8,740,092.58	5,441,565.59	38.4%
Business Services	14,459,954.00	8,434,973.17	7,638,947.84	796,025.33	9.4%
TOTAL OPERATING EXPENSES	102,285,047.00	59,666,277.43	47,600,835.93	12,065,441.50	20.2%
Debt Service					
GO Debt Service Fund	3,220.00	1,878.35	1,878.31	0.04	0.0%
2013A Revenue Refunding Bonds	3,325,194.91	2,747,995.56	2,747,995.88	(0.32)	(0.0%)
2013 Prosperity Bank Loan	5,411,370.00	3,156,802.50	3,156,802.65	(0.15)	(0.0%)
2014 Bond Issuance	2,320,588.04	749,107.31	748,261.50	845.81	0.1%
2005 Variable rate Notes (Swap)	26,517,683.04	14,665,301.14	13,303,427.00	1,361,874.14	9.3%
2005 Variable rate Notes Fees	1,548,300.00	903,175.00	862,661.30	40,513.70	4.5%
PFC Debt Service Funding	(11,971,100.99)	(7,062,506.53)	(6,630,075.41)	(432,431.12)	(6.1%)
TOTAL Net Debt Service	27,155,255.00	15,161,753.33	14,190,951.23	970,802.10	6.4%
OTHER REQUIREMENTS					
Workers' Compensation	488,959.00	285,226.08	285,234.00	(7.92)	(0.0%)
Citywide Administrative Support	4,502,535.00	2,626,478.75	2,626,485.00	(6.25)	(0.0%)
Communications & Technology Mgmt	1,613,315.00	941,100.42	941,115.00	(14.58)	(0.0%)
Accrued Payroll	148,769.00	86,781.92	86,781.92	(0.00)	(0.0%)
Operating Reserve	2,156,200.00	1,257,783.33	1,257,783.33	0.00	0.0%
CTECC	136,529.00	79,641.92	79,654.00	(12.08)	(0.0%)
Trunked Radio Allocation	186,193.00	108,612.58	108,618.00	(5.42)	(0.0%)
Public Works Capital Projects Mgmt Fund	1,094,197.00	638,281.58	638,297.00	(15.42)	(0.0%)
TOTAL OTHER REQUIREMENTS	10,326,697.00	6,023,906.58	6,023,968.25	(61.67)	(0.0%)
TOTAL REQUIREMENTS	139,766,999.00	80,851,937.34	67,815,755.41	13,036,181.93	16.1%
EXCESS (DEFICIT) OF TOTAL AVAILABLE FUNDS OVER TOTAL REQUIREMENTS	15,998,024.00	10,010,992.75	26,953,142.15	16,942,149.40	169.2%

Note: Columns may not add to totals shown because of rounding

ENPLANEMENTS	Passengers	% Inc/(Dec)
April, 2018 (Month over Month)	675,877	18.71%
April, 2018 - Year-to-Date	4,191,847	14.68%

CITY OF AUSTIN
AUSTIN-BERGSTROM INTERNATIONAL AIRPORT
INCOME STATEMENT COMPARISON THIS YEAR VS. LAST YEAR

This month - This Year vs. Last Year
FY18 (Apr 18) vs FY17 (Apr 17)

	FY18 Apr-18	FY17 Apr-17	Fav (Unfav) \$ Variance	Fav (Unfav) % Variance
Airline Revenue				
Landing Fees	2,776,833.22	2,385,127.04	391,706.18	16.4%
Terminal Rental & Other Fees	3,891,771.81	3,071,983.10	819,788.71	26.7%
Total Airline Revenue	6,668,605.03	5,457,110.14	1,211,494.89	22.2%
Non-Airline Revenue				
Parking	3,115,078.57	3,177,353.91	(62,275.34)	(2.0%)
Food/Beverage & Retail	1,283,095.16	678,357.14	604,738.02	89.1%
Rental Car	1,527,157.87	1,328,366.42	198,791.45	15.0%
Advertising	192,488.52	246,925.33	(54,436.81)	(22.0%)
Ads Barrier Revenue	0.00	4,000.00	(4,000.00)	(100.0%)
Other Concessions	134,055.81	46,857.61	87,198.20	186.1%
Other Rentals and Fees	1,584,850.64	1,054,871.47	509,979.17	48.3%
Total Non-Airline Revenue	7,816,726.57	6,536,731.88	1,279,994.69	19.6%
Interest Income	106,825.69	49,128.83	57,696.86	117.4%
Total Operating Revenue	14,592,157.29	12,042,970.85	2,549,186.44	21.2%
Operating Requirements				
Fac Mgmt, Ops and Airport Security	3,866,031.55	3,606,166.26	(259,865.29)	(7.2%)
Airport Planning and Development	295,573.47	282,291.76	(13,281.71)	(4.7%)
Support Services	1,131,825.50	1,356,990.12	225,164.62	16.6%
Business Services	1,036,090.20	886,264.44	(149,825.76)	(16.9%)
Total Operating Expense	6,329,520.72	6,131,712.58	(197,808.14)	(3.2%)
Debt Service				
GO Debt Service Fund	268.33	2,245.00	1,976.67	88.0%
2013A Revenue Refunding Bonds	115,439.87	1,408,717.73	1,293,277.86	91.8%
2013 Prosperity Bank Loan	450,913.55	451,185.42	271.87	0.1%
2014 Bond Issuance	109,783.34	91,833.34	(17,950.00)	(19.5%)
2005 Variable rate Notes (Swap)	2,187,366.00	842,860.00	(1,344,506.00)	(159.5%)
2005 Variable rate Notes Fees	88,265.19	109,543.18	21,277.99	19.4%
PFC Debt Service Funding	(911,243.81)	(1,022,773.89)	(111,530.08)	(10.9%)
Total Debt Service	2,040,792.47	1,883,610.78	(157,181.69)	(8.3%)
Other Requirements				
Workers' Compensation	40,745.00	36,535.00	(4,210.00)	(11.5%)
Citywide Administrative Support	375,210.00	368,900.00	(6,310.00)	(1.7%)
Communications & Technology Mgmt	134,440.00	138,830.00	4,390.00	3.2%
Accrued Payroll	12,397.42	15,435.00	3,037.58	19.7%
Operating Reserve	179,683.33	163,934.33	(15,749.00)	(9.6%)
CTECC	11,375.00	12,015.00	640.00	5.3%
Trunked Radio Allocation	15,515.00	10,352.50	(5,162.50)	(49.9%)
Public Works Capital Projects Mgmt Fund	91,180.00	64,260.00	(26,920.00)	(41.9%)
Total Other Requirements	860,545.75	810,261.83	(50,283.92)	(6.2%)
Total Requirements	9,230,858.94	8,825,585.19	(405,273.75)	(4.6%)

SURPLUS (DEFICIT) OF TOTAL AVAILABLE FUNDS OVER TOTAL REQUIREMENTS

\$ 5,361,298.35 \$ 3,217,385.66 \$ 2,143,912.69 66.6%

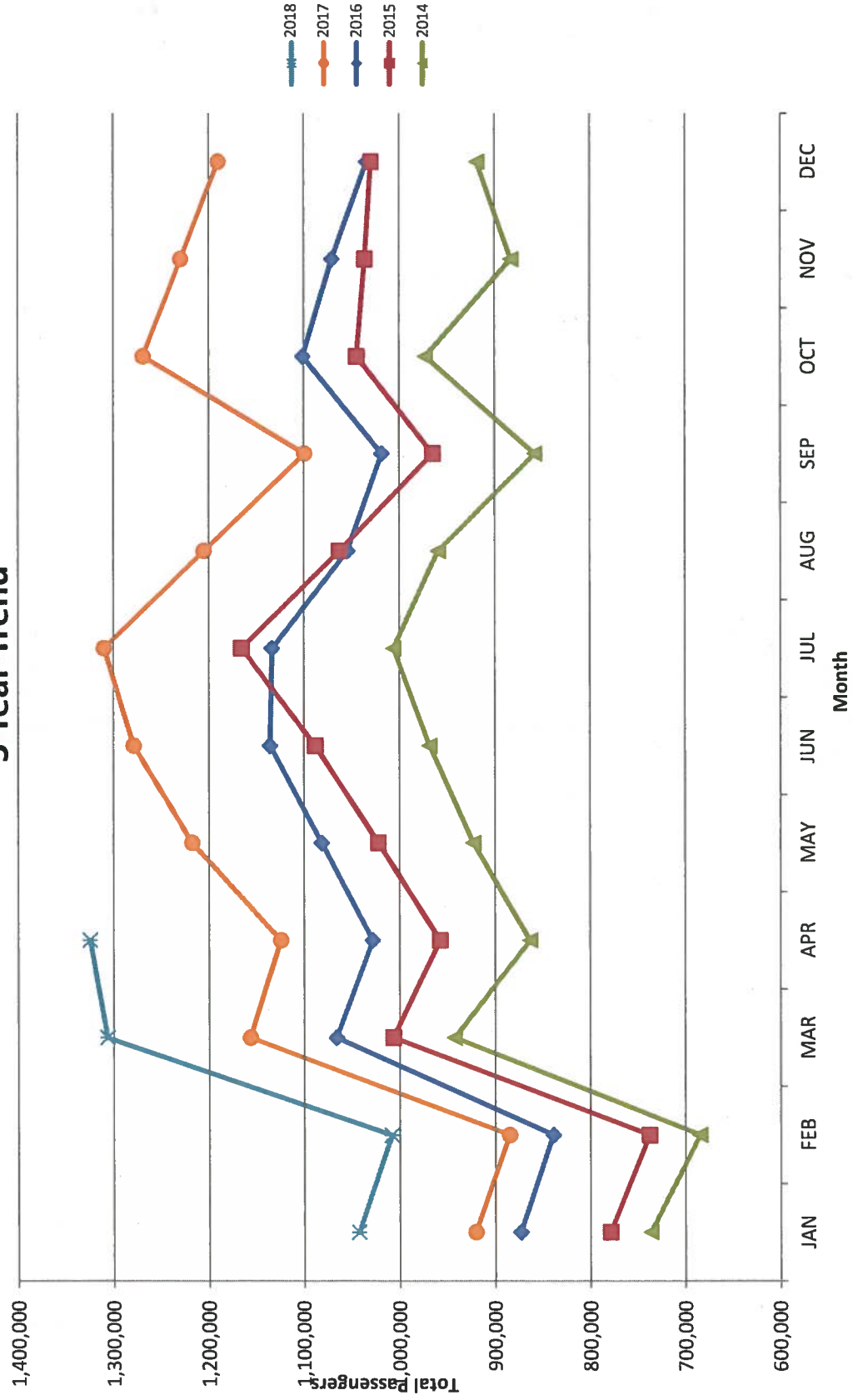
Note: Columns may not add to totals shown because of rounding

Fiscal YTD - This Year vs. Last Year
FY18 (Oct 17 - Apr 18) vs FY17 (Oct 16 - Apr 17)

	FY18 YTD Apr-18	FY17 YTD Apr-17	Fav (Unfav) \$ Variance	Fav (Unfav) % Variance
Landing Fees	17,940,849.77	15,528,215.50	2,412,634.27	15.5%
Terminal Rental & Other Fees	25,877,279.73	21,430,324.10	4,446,955.63	20.8%
Total Airline Revenue	43,818,129.50	36,958,539.60	6,859,589.90	18.6%
Non-Airline Revenue				
Parking	22,031,022.35	22,448,398.07	(417,375.72)	(1.9%)
Food/Beverage & Retail	7,601,735.26	6,057,950.53	1,543,784.73	25.5%
Rental Car	8,474,433.24	8,396,348.22	78,085.02	0.9%
Advertising	1,309,896.91	1,127,296.21	182,600.70	16.2%
Ads Barrier Revenue	0.00	29,000.00	(29,000.00)	(100.0%)
Other Concessions	838,320.74	506,773.35	331,547.39	65.4%
Other Rentals and Fees	10,199,301.85	6,476,134.92	3,723,166.93	57.5%
Total Non-Airline Revenue	50,454,710.35	45,041,901.30	5,412,809.05	12.0%
Interest Income	496,057.71	297,855.93	198,201.78	66.5%
Total Operating Revenue	94,768,997.56	82,298,296.83	12,470,600.73	15.2%
Operating Requirements				
Fac Mgmt, Ops and Airport Security	28,930,138.47	27,523,774.82	(1,406,363.65)	(5.1%)
Airport Planning and Development	2,291,657.04	1,991,695.56	(299,961.48)	(15.1%)
Support Services	8,740,092.58	8,501,569.68	(238,522.90)	(2.8%)
Business Services	7,638,947.84	6,937,666.95	(701,280.89)	(10.1%)
Total Operating Expense	47,600,835.93	44,954,707.01	(2,646,128.92)	(5.9%)
Debt Service				
GO Debt Service Fund	1,878.31	15,715.00	13,836.69	88.0%
2013A Revenue Refunding Bonds	2,747,995.88	9,862,465.12	7,114,469.24	72.1%
2013 Prosperity Bank Loan	3,156,802.65	2,986,544.81	(170,257.84)	(5.7%)
2014 Bond Issuance	748,261.50	542,980.25	(205,281.25)	(37.8%)
2005 Variable rate Notes (Swap)	13,303,427.00	6,189,520.00	(7,113,907.00)	(114.9%)
2005 Variable rate Notes Fees	862,661.30	777,668.61	(84,992.69)	(10.9%)
PFC Debt Service Funding	(6,630,075.41)	(7,273,043.77)	(642,968.36)	(8.8%)
Total Debt Service	14,190,951.23	13,101,850.02	(1,089,101.21)	(8.3%)
Other Requirements				
Workers' Compensation	285,234.00	255,717.00	(29,517.00)	(11.5%)
Citywide Administrative Support	2,626,485.00	2,582,220.00	(44,265.00)	(1.7%)
Communications & Technology Mgmt	941,115.00	971,802.00	30,687.00	3.2%
Accrued Payroll	86,781.92	108,045.00	21,263.08	19.7%
Operating Reserve	1,257,783.33	1,147,540.33	(110,243.00)	(9.6%)
CTECC	79,654.00	94,086.00	14,432.00	5.3%
Trunked Radio Allocation	108,618.00	72,467.50	(36,150.50)	(49.9%)
Public Works Capital Projects Mgmt Fund	638,297.00	449,782.00	(188,515.00)	(41.9%)
Total Other Requirements	6,023,968.25	5,671,659.83	(352,308.42)	(6.2%)
Total Requirements	67,815,755.41	63,728,216.86	(4,087,538.55)	(6.4%)

\$ 26,953,142.15 \$ 18,570,079.97 \$ 8,383,062.18 45.1%

AUSTIN PASSENGER TRAFFIC 5 Year Trend



**Austin-Bergstrom International Airport
Aviation Activity Report
Calendar Year 2018 vs 2017**

Combined Terminals

	4/2018	4/2017	Percent Change	1/2018 - 4/2018	1/2017 - 4/2017	Percent Change
<u>ABIA</u>						
Total Passenger Activity						
Domestic Enplaned Revenue	628,631	535,065	17.49	2,169,651	1,934,738	12.14
Domestic Deplaned Revenue	604,324	522,207	15.72	2,187,717	1,944,527	12.51
International Enplaned Revenue	16,659	11,635	43.18	49,519	42,101	17.62
International Deplaned Revenue	15,307	11,118	37.68	51,555	42,462	21.41
Domestic Enplaned Non-Revenue	13,526	13,578	-0.38	53,004	49,009	8.15
Domestic Deplaned Non-Revenue	13,212	13,027	1.42	50,399	47,152	6.89
International Enplaned Non-Revenue	119	84	41.67	495	323	53.25
International Deplaned Non-Revenue	78	98	-20.41	348	295	17.97
Intl Enplaned Pre-Cleared Revenue	1,900	1,862	2.04	6,824	6,270	8.84
Intl Deplaned Pre-Cleared Revenue	1,862	1,885	-1.22	7,226	6,740	7.21
Intl Enplaned Pre-Cleared Non-Revenue	38	25	52.00	109	92	18.48
Intl Deplaned Pre-Cleared Non-Revenue	35	36	-2.78	107	110	-2.73
South Terminal Domestic Enplaned Revenue	15,004	7,079	111.95	52,579	7,079	642.75
South Terminal Domestic Deplaned Revenue	14,243	6,926	105.65	53,054	6,926	666.01
South Terminal Domestic Enplaned Non-Revenue	0	0	0.00	12	0	0.00
South Terminal Domestic Deplaned Non-Revenue	0	0	0.00	13	0	0.00
ABIA Passenger Totals	1,324,938	1,124,625	17.81	4,682,612	4,087,824	14.55
 <i>ABIA Enplaned Passenger Totals</i>	 <i>675,877</i>	 <i>569,328</i>	 <i>18.71</i>	 <i>2,332,193</i>	 <i>2,039,612</i>	 <i>14.34</i>
<i>ABIA Deplaned Passenger Totals</i>	<i>649,061</i>	<i>555,297</i>	<i>16.89</i>	<i>2,350,419</i>	<i>2,048,212</i>	<i>14.75</i>
 <i>ABIA Domestic Passenger Totals</i>	 <i>1,288,940</i>	 <i>1,097,882</i>	 <i>17.40</i>	 <i>4,566,429</i>	 <i>3,989,431</i>	 <i>14.46</i>
<i>ABIA International Passenger Totals</i>	<i>35,998</i>	<i>26,743</i>	<i>34.61</i>	<i>116,183</i>	<i>98,393</i>	<i>18.08</i>

CURRENT PASSENGER RECORD = 1,324,938 RECORD SET = APRIL 2018

Total Aircraft Operations

Air Carrier	11,295	10,079	12.06	41,224	38,272	7.71
Commuter & Air Taxi	1,385	1,416	-2.19	5,781	5,264	9.82
Military	1,119	702	59.40	3,006	3,328	-9.68
General Aviation						
Itinerant	4,221	4,320	-2.29	15,318	17,141	-10.64
Local	124	188	-34.04	553	712	-22.33
Total G.A.	4,345	4,508	-3.62	15,871	17,853	-11.10
Total Operations	18,144	16,705	8.61	65,882	64,717	1.80

**Austin-Bergstrom International Airport
Aviation Activity Report
Calendar Year 2018 vs 2017**

By Terminal

	4/2018	4/2017	Percent Change	1/2018 - 4/2018	1/2017 - 4/2017	Percent Change
<u>Barbara Jordan Terminal (BJT)</u>						
Passenger Activity						
Domestic Enplaned Revenue	628,631	535,065	17.49	2,169,651	1,934,738	12.14
Domestic Deplaned Revenue	604,324	522,207	15.72	2,187,717	1,944,527	12.51
International Enplaned Revenue	16,659	11,635	43.18	49,519	42,101	17.62
International Deplaned Revenue	15,307	11,118	37.68	51,555	42,462	21.41
Domestic Enplaned Non-Revenue	13,526	13,578	-0.38	53,004	49,009	8.15
Domestic Deplaned Non-Revenue	13,212	13,027	1.42	50,399	47,152	6.89
International Enplaned Non-Revenue	119	84	41.67	495	323	53.25
International Deplaned Non-Revenue	78	98	-20.41	348	295	17.97
Intl Enplaned Pre-Cleared Revenue	1,900	1,862	2.04	6,824	6,270	8.84
Intl Deplaned Pre-Cleared Revenue	1,862	1,885	-1.22	7,226	6,740	7.21
Intl Enplaned Pre-Cleared Non-Revenue	38	25	52.00	109	92	18.48
Intl Deplaned Pre-Cleared Non-Revenue	35	36	-2.78	107	110	-2.73
Barbara Jordan Terminal Passenger Totals	1,295,691	1,110,620	16.66	4,576,954	4,073,819	12.35
<i>BJT Enplaned Passenger Totals</i>	<i>660,873</i>	<i>562,249</i>	<i>17.54</i>	<i>2,279,602</i>	<i>2,032,533</i>	<i>12.16</i>
<i>BJT Deplaned Passenger Totals</i>	<i>634,818</i>	<i>548,371</i>	<i>15.76</i>	<i>2,297,352</i>	<i>2,041,286</i>	<i>12.54</i>
<i>BJT Domestic Passenger Totals</i>	<i>1,259,693</i>	<i>1,083,877</i>	<i>16.22</i>	<i>4,460,771</i>	<i>3,975,426</i>	<i>12.21</i>
<i>BJT International Passenger Totals</i>	<i>35,998</i>	<i>26,743</i>	<i>34.61</i>	<i>116,183</i>	<i>98,393</i>	<i>18.08</i>
 <u>South Terminal (ST)</u>						
Passenger Activity						
South Terminal Domestic Enplaned Revenue	15,004	7079	111.95	52,579	7079	642.75
South Terminal Domestic Deplaned Revenue	14,243	6926	105.65	53,054	6926	666.01
South Terminal Domestic Enplaned Non-Revenue	0	0	0.00	12	0	0.00
South Terminal Domestic Deplaned Non-Revenue	0	0	0.00	13	0	0.00
South Terminal Passenger Totals	29,247	14,005	108.83	105,658	14,005	654.43
<i>ST Enplaned Passenger Totals</i>	<i>15,004</i>	<i>7,079</i>	<i>111.95</i>	<i>52,591</i>	<i>7,079</i>	<i>642.92</i>
<i>ST Deplaned Passenger Totals</i>	<i>14,243</i>	<i>6,926</i>	<i>105.65</i>	<i>53,067</i>	<i>6,926</i>	<i>666.20</i>

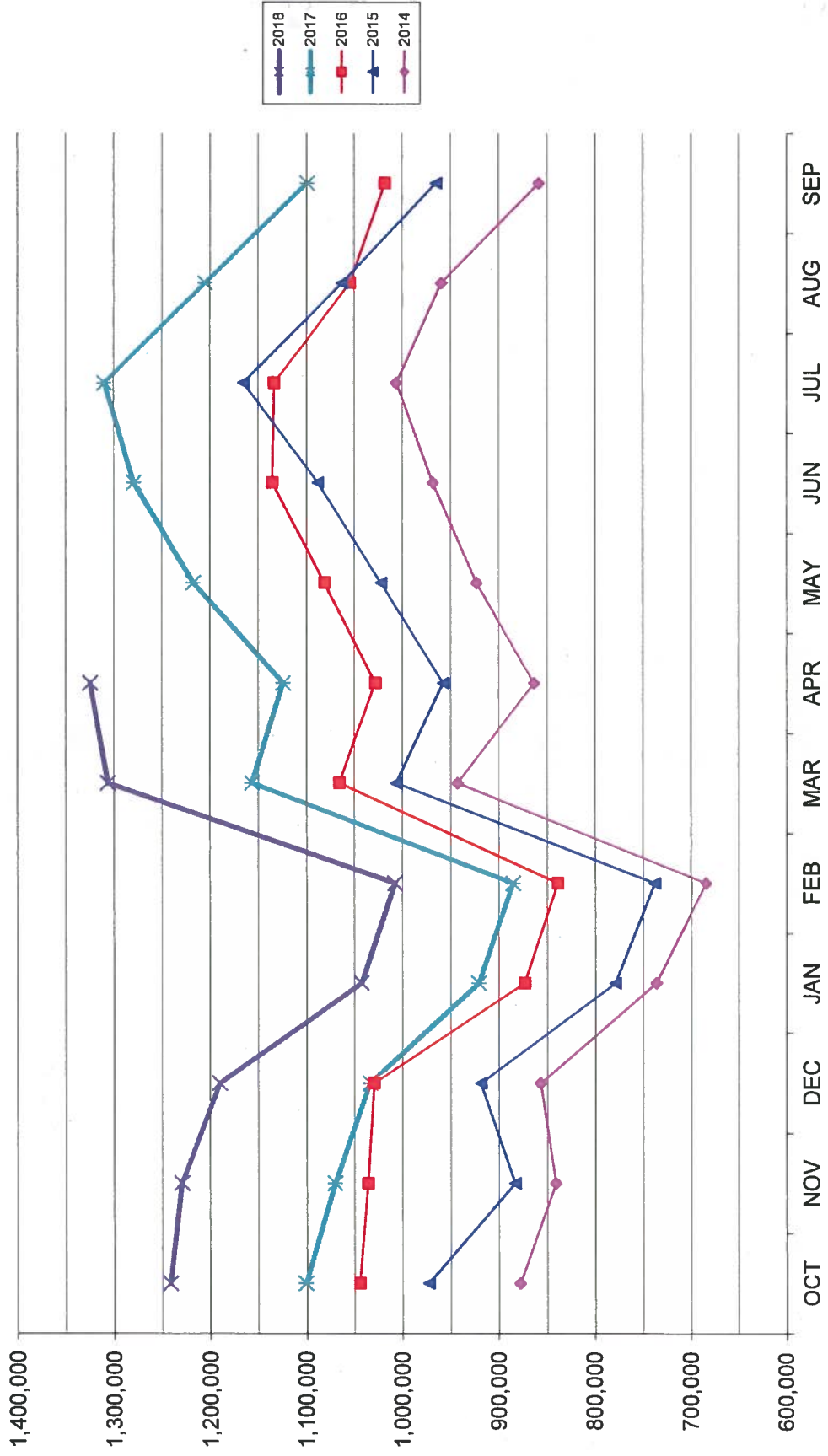
**Austin-Bergstrom International Airport
Aviation Activity Report
Calendar Year 2018 vs 2017**

	4/2018	4/2017	Percent Change	1/2018 - 4/2018	1/2017 - 4/2017	Percent Change
<u>Total Cargo Activity</u>						
Mail						
Domestic Enplaned Mail	207,257	197,949	4.70	721,722	761,575	-5.23
Domestic Deplaned Mail	441,990	386,634	14.32	1,611,024	1,296,396	24.27
International Enplaned Mail	0	0	0.00	0	0	0.00
International Deplaned Mail	0	0	0.00	0	0	0.00
South Terminal-Intl Enplaned Mail	0	0	0.00	0	0	0.00
South Terminal-Intl Deplaned Mail	0	0	0.00	0	0	0.00
Mail Totals	649,247	584,583	11.06	2,332,746	2,057,971	13.35
Cargo						
Domestic Enplaned Cargo	4,564,190	4,821,616	-5.34	19,345,175	19,095,493	1.31
Domestic Deplaned Cargo	6,475,930	7,134,693	-9.23	27,127,865	27,012,335	0.43
International Enplaned Cargo	910,433	1,217,525	-25.22	2,544,587	3,170,231	-19.73
International Deplaned Cargo	949,085	1,097,567	-13.53	1,519,487	1,900,649	-20.05
South Terminal-Intl Enplaned Cargo	0	0	0.00	0	0	0.00
South Terminal-Intl Deplaned Cargo	0	0	0.00	0	0	0.00
Cargo Totals	12,899,638	14,271,401	-9.61	50,537,114	51,178,708	-1.25
Belly Freight						
Domestic Enplaned Belly Freight	327,479	328,731	-0.38	1,027,467	986,367	4.17
Domestic Deplaned Belly Freight	521,126	611,195	-14.74	1,710,349	1,944,262	-12.03
International Enplaned Belly Freight	264,616	194,817	35.83	1,122,277	889,610	26.15
International Deplaned Belly Freight	502,965	572,009	-12.07	2,337,105	2,826,942	-17.33
South Terminal-Intl Enplaned Belly Freight	0	0	0.00	0	0	0.00
South Terminal-Intl Deplaned Belly Freight	0	0	0.00	0	0	0.00
Belly Freight Totals	1,616,186	1,706,752	-5.31	6,197,198	6,647,181	-6.77
Cargo Totals (Mail, Cargo, Belly Freight)	15,165,071	16,562,736	-8.44	59,067,058	59,883,860	-1.36
<i>Enplaned Cargo Totals</i>	<i>6,273,975</i>	<i>6,760,638</i>	<i>-7.20</i>	<i>24,761,228</i>	<i>24,903,276</i>	<i>-0.57</i>
<i>Deplaned Cargo Totals</i>	<i>8,891,096</i>	<i>9,802,098</i>	<i>-9.29</i>	<i>34,305,830</i>	<i>34,980,584</i>	<i>-1.93</i>
<i>Domestic Cargo Totals</i>	<i>12,537,972</i>	<i>13,480,818</i>	<i>-6.99</i>	<i>51,543,602</i>	<i>51,096,428</i>	<i>0.88</i>
<i>International Cargo Totals</i>	<i>2,627,099</i>	<i>3,081,918</i>	<i>-14.76</i>	<i>7,523,456</i>	<i>8,787,432</i>	<i>-14.38</i>

CURRENT CARGO RECORD = 40,215,518

RECORD SET = MARCH 2001

AUSTIN PASSENGER TRAFFIC
5 Year Trend



**Austin-Bergstrom International Airport
Aviation Activity Report
Fiscal Year 2018 vs 2017**

Combined Terminals

	04/2018	04/2017	Percent Change	10/2017 - 04/2018	10/2016 - 04/2017	Percent Change
ABIA						
Total Passenger Activity						
Domestic Enplaned Revenue	628,631	535,065	17.49	3,913,043	3,485,041	12.28
Domestic Deplaned Revenue	604,324	522,207	15.72	3,904,445	3,470,382	12.51
International Enplaned Revenue	16,659	11,635	43.18	81,079	70,239	15.43
International Deplaned Revenue	15,307	11,118	37.68	81,987	69,947	17.21
Domestic Enplaned Non-Revenue	13,526	13,578	-0.38	92,744	80,625	15.03
Domestic Deplaned Non-Revenue	13,212	13,027	1.42	88,594	77,895	13.74
International Enplaned Non-Revenue	119	84	41.67	789	526	50.00
International Deplaned Non-Revenue	78	98	-20.41	598	484	23.55
Intl Enplaned Pre-Cleared Revenue	1,900	1,862	2.04	12,095	11,588	4.38
Intl Deplaned Pre-Cleared Revenue	1,862	1,885	-1.22	12,899	12,682	1.71
Intl Enplaned Pre-Cleared Non-Revenue	38	25	52.00	184	161	14.29
Intl Deplaned Pre-Cleared Non-Revenue	35	36	-2.78	184	167	10.18
South Terminal Domestic Enplaned Revenue	15,004	7,079	111.95	91,887	7,079	1,198.02
South Terminal Domestic Deplaned Revenue	14,243	6,926	105.65	91,486	6,926	1,220.91
South Terminal Domestic Enplaned Non-Revenue	0	0	0.00	26	0	0.00
South Terminal Domestic Deplaned Non-Revenue	0	0	0.00	29	0	0.00
ABIA Passenger Totals	1,324,938	1,124,625	17.81	8,372,069	7,293,742	14.78
<i>ABIA Enplaned Passenger Totals</i>	<i>675,877</i>	<i>569,328</i>	<i>18.71</i>	<i>4,191,847</i>	<i>3,655,259</i>	<i>14.68</i>
<i>ABIA Deplaned Passenger Totals</i>	<i>649,061</i>	<i>555,297</i>	<i>16.89</i>	<i>4,180,222</i>	<i>3,638,483</i>	<i>14.89</i>
<i>ABIA Domestic Passenger Totals</i>	<i>1,288,940</i>	<i>1,097,882</i>	<i>17.40</i>	<i>8,182,254</i>	<i>7,127,948</i>	<i>14.79</i>
<i>ABIA International Passenger Totals</i>	<i>35,998</i>	<i>26,743</i>	<i>34.61</i>	<i>189,815</i>	<i>165,794</i>	<i>14.49</i>

CURRENT PASSENGER RECORD = 1,324,938 RECORD SET = APRIL 2018

Total Aircraft Operations

Air Carrier	11,295	10,079	12.06	72,900	66,749	9.22
Commuter & Air Taxi	1,385	1,416	-2.19	10,101	9,431	7.10
Military	1,119	702	59.40	5,050	5,583	-9.55
General Aviation						
Itinerant	4,221	4,320	-2.29	27,279	30,201	-9.68
Local	124	188	-34.04	931	1,462	-36.32
Total G.A.	4,345	4,508	-3.62	28,210	31,663	-10.91
Total Operations	18,144	16,705	8.61	116,261	113,426	2.50

**Austin-Bergstrom International Airport
Aviation Activity Report
Fiscal Year 2018 vs 2017**

By Terminal

	04/2018	04/2017	Percent Change	10/2017 - 04/2018	10/2016 - 04/2017	Percent Change
<u>Barbara Jordan Terminal (BJT)</u>						
Passenger Activity						
Domestic Enplaned Revenue	628,631	535,065	17.49	3,913,043	3,485,041	12.28
Domestic Deplaned Revenue	604,324	522,207	15.72	3,904,445	3,470,382	12.51
International Enplaned Revenue	16,659	11,635	43.18	81,079	70,239	15.43
International Deplaned Revenue	15,307	11,118	37.68	81,987	69,947	17.21
Domestic Enplaned Non-Revenue	13,526	13,578	-0.38	92,744	80,625	15.03
Domestic Deplaned Non-Revenue	13,212	13,027	1.42	88,594	77,895	13.74
International Enplaned Non-Revenue	119	84	41.67	789	526	50.00
International Deplaned Non-Revenue	78	98	-20.41	598	484	23.55
Intl Enplaned Pre-Cleared Revenue	1,900	1,862	2.04	12,095	11,588	4.38
Intl Deplaned Pre-Cleared Revenue	1,862	1,885	-1.22	12,899	12,682	1.71
Intl Enplaned Pre-Cleared Non-Revenue	38	25	52.00	184	161	14.29
Intl Deplaned Pre-Cleared Non-Revenue	35	36	-2.78	184	167	10.18
Barbara Jordan Terminal Passenger Totals	1,295,691	1,110,620	16.66	8,188,641	7,279,737	12.49
<i>BJT Enplaned Passenger Totals</i>	<i>660,873</i>	<i>562,249</i>	<i>17.54</i>	<i>4,099,934</i>	<i>3,648,180</i>	<i>12.38</i>
<i>BJT Deplaned Passenger Totals</i>	<i>634,818</i>	<i>548,371</i>	<i>15.76</i>	<i>4,088,707</i>	<i>3,631,557</i>	<i>12.59</i>
<i>BJT Domestic Passenger Totals</i>	<i>1,259,693</i>	<i>1,083,877</i>	<i>16.22</i>	<i>7,998,826</i>	<i>7,113,943</i>	<i>12.44</i>
<i>BJT International Passenger Totals</i>	<i>35,998</i>	<i>26,743</i>	<i>34.61</i>	<i>189,815</i>	<i>165,794</i>	<i>14.49</i>
 <u>South Terminal (ST)</u>						
Passenger Activity						
South Terminal Domestic Enplaned Revenue	15,004	7,079	111.95	91,887	7,079	1198.02
South Terminal Domestic Deplaned Revenue	14,243	6,926	105.65	91,486	6,926	1220.91
South Terminal Domestic Enplaned Non-Revenue	0	0	0.00	26	0	0.00
South Terminal Domestic Deplaned Non-Revenue	0	0	0.00	29	0	0.00
South Terminal Passenger Totals	29,247	14,005	108.83	183,428	14,005	1209.73
<i>ST Enplaned Passenger Totals</i>	<i>15,004</i>	<i>7,079</i>	<i>111.95</i>	<i>91,913</i>	<i>7,079</i>	<i>1,198.39</i>
<i>ST Deplaned Passenger Totals</i>	<i>14,243</i>	<i>6,926</i>	<i>105.65</i>	<i>91,515</i>	<i>6,926</i>	<i>1,221.33</i>

**Austin-Bergstrom International Airport
Aviation Activity Report
Fiscal Year 2018 vs 2017**

	04/2018	04/2017	Percent Change	10/2017 - 04/2018	10/2016 - 04/2017	Percent Change
<u>Total Cargo Activity</u>						
Mail						
Domestic Enplaned Mail	207,257	197,949	4.70	1,325,411	1,290,001	2.74
Domestic Deplaned Mail	441,990	386,634	14.32	2,959,905	2,288,600	29.33
International Enplaned Mail	0	0	0.00	0	0	0.00
International Deplaned Mail	0	0	0.00	0	0	0.00
South Terminal-Intl Enplaned Mail	0	0	0.00	0	0	0.00
South Terminal-Intl Deplaned Mail	0	0	0.00	0	0	0.00
Mail Totals	649,247	584,583	11.06	4,285,316	3,578,601	19.75
Cargo						
Domestic Enplaned Cargo	4,564,190	4,821,616	-5.34	34,014,306	35,343,227	-3.76
Domestic Deplaned Cargo	6,475,930	7,134,693	-9.23	48,689,015	49,213,674	-1.07
International Enplaned Cargo	910,433	1,217,525	-25.22	5,861,896	5,813,057	0.84
International Deplaned Cargo	949,085	1,097,567	-13.53	3,053,862	3,050,564	0.11
South Terminal-Intl Enplaned Cargo	0	0	0.00	0	0	0.00
South Terminal-Intl Deplaned Cargo	0	0	0.00	0	0	0.00
Cargo Totals	12,899,638	14,271,401	-9.61	91,619,079	93,420,522	-1.93
Belly Freight						
Domestic Enplaned Belly Freight	327,479	328,731	-0.38	1,962,064	1,755,333	11.78
Domestic Deplaned Belly Freight	521,126	611,195	-14.74	3,187,662	3,262,928	-2.31
International Enplaned Belly Freight	264,616	194,817	35.83	2,445,423	1,289,632	89.62
International Deplaned Belly Freight	502,965	572,009	-12.07	4,719,963	5,098,090	-7.42
South Terminal-Intl Enplaned Belly Frt	0	0	0.00	0	0	0.00
South Terminal-Intl Deplaned Belly Frt	0	0	0.00	0	0	0.00
Belly Freight Totals	1,616,186	1,706,752	-5.31	12,315,112	11,405,983	7.97
Cargo Totals (Mail, Cargo, Belly Freight)	15,165,071	16,562,736	-8.44	108,219,507	108,405,106	-0.17
<i>Enplaned Cargo Totals</i>	<i>6,273,975</i>	<i>6,760,638</i>	<i>-7.20</i>	<i>45,609,100</i>	<i>45,491,250</i>	<i>0.26</i>
<i>Deplaned Cargo Totals</i>	<i>8,891,096</i>	<i>9,802,098</i>	<i>-9.29</i>	<i>62,610,407</i>	<i>62,913,856</i>	<i>-0.48</i>
<i>Domestic Cargo Totals</i>	<i>12,537,972</i>	<i>13,480,818</i>	<i>-6.99</i>	<i>92,138,363</i>	<i>93,153,763</i>	<i>-1.09</i>
<i>International Cargo Totals</i>	<i>2,627,099</i>	<i>3,081,918</i>	<i>-14.76</i>	<i>16,081,144</i>	<i>15,251,343</i>	<i>5.44</i>

CURRENT CARGO RECORD = 40,215,518

RECORD SET = MARCH 2001



Austin-Bergstrom
International Airport
Airport Advisory Commission
Monthly CIP Report

5415.066 Records Management Implementation

Implement the records management plan for the planning and engineering division

<u>Staff</u>	<u>Phase</u>		<u>Budget</u>
Project Manager	Folsom-Heath, Diana	Current Phase	Budget
Project Coordinator		Phase End Date	\$800,000
Staff Assigned		Construction	Construction
Sponsor Contact	Barclay, Kay	End Date	Cost
			\$-00

Status as of: 4/13/2018

Current count of total drawings to be scanned for the large format (Task 1) is 974 sets. This includes BAFB Drawings and Terminal Shop Drawings. 22% (212 drawings, 6,059 images) have been accepted. 25% (242 drawings) have been scanned and are currently in review. 46% (447 drawings) are waiting to be scanned. 7% (73 drawings) are currently out for scanning. Current projected date to receive the last delivery of the large format drawings is July 11, 2018.



5415.110 Terminal Structural Columns Fireproofing Improvements

Fireproofing and safety upgrades / repairs to terminal building.

<u>Staff</u>	<u>Phase</u>		<u>Budget</u>
Project Manager	Sullivan, Mariola	Current Phase	Budget
Project Coordinator		Phase End Date	\$2,000,000
Staff Assigned		Construction	Construction
Sponsor Contact	Robinson, Mike	End Date	Cost
			\$1,500,000

Status as of: 5/2/2018

Kick-off scoping discussion meeting was held with KSA on 5/2/18 ahead of PWPM assignment.



5415.112 Terminal Centralized Baggage Handling System

A new Baggage handling that is one centralized system. To increase capacity to meet future demands.

Staff

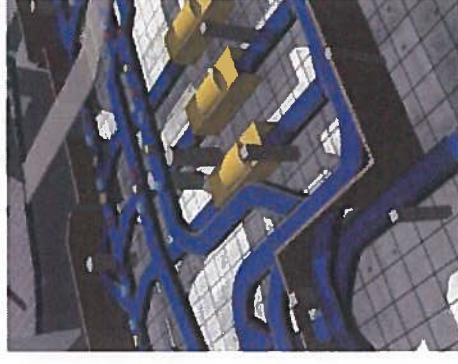
Project Manager Kumarage, Rohini
Project Coordinator
Staff Assigned
Sponsor Contact

Phase

Current Phase Design Phase
Phase End Date 10/1/2019
Construction 9/30/2021
End Date 12:00:00 AM

Budget

Budget \$100,000,000
Construction Cost \$75,000,000



Status as of: 5/24/2018

Finalizing proposal to issue NTP

5415.114 Central Warehouse and Cross Dock Facility Feasibility

Receive material on the landside (non-secure) area of the Airport and deliver material on the airside (secure) area of the Airport.

Staff

Project Manager Kumarage, Rohini
Project Coordinator
Staff Assigned
Sponsor Contact

Phase

Current Phase
Phase End Date
Construction 9/30/2020
End Date 12:00:00 AM

Budget

Budget \$20,150,000
Construction Cost \$16,000,000



Status as of: 5/24/2018

The study is complete

5415.116 Terminal Carpet Replacement

Replacement of carpet in the ticket counter and hold room spaces.

<u>Staff</u>	<u>Phase</u>			<u>Budget</u>
Project Manager	Henson, Torrey	Current Phase	Construction Phase	Budget
Project Coordinator		Phase End Date	7/6/2018	Construction
Staff Assigned		Construction	7/6/2018	Cost
Sponsor Contact	Robinson, Mike	End Date	12:00:00 AM	

Status as of: 5/1/2018

Ticket counter lobb carpet has been installed, contractor to begin secure gate hold rooms, in two weeks, due to some workers not passing test for security badges.



5415.117 Baggage Handling System Security Doors

Replace ticketing/non-secure BHS security doors on east and west matrix areas.

<u>Staff</u>	<u>Phase</u>			<u>Budget</u>
Project Manager	Henson, Torrey	Current Phase		Budget
Project Coordinator		Phase End Date		Construction
Staff Assigned		Construction	10/7/2018	Cost
Sponsor Contact	Robinson, Mike	End Date	12:00:00 AM	

Status as of: 5/1/2018

Coordinating with door contractor, for door delivery and tentative June 4th start date.



5415.118 Terminal Hydronic Hot Water Pipe Improvements

Terminal Hydronic Hot Water Pipe Improvements

Staff

Project Manager Kumarage, Rohini
Project Coordinator Beeson, Barbara
Staff Assigned
Sponsor Contact

Phase

Current Phase
Phase End Date
Construction 9/30/2018
End Date 12:00:00 AM

Budget

Budget \$2,000,000
Construction \$1,900,000
Cost



Status as of: 5/24/2018

Received a proposal from one of the two Job Order Contractors (JOC). The other JOC rejected the work. Coordinating an finalizing the proposal with CCO and contractorOne contractor to do all repairs.

5702.008 Environmental Management System

Design, plan, code and implement a computer program capable of combining all of the environmental, conservation, storm water drainage, etc, airport programs into a GIS management software program. System should be compatible with existing software.

Staff

Project Manager Carpenter, Kane
Project Coordinator
Staff Assigned
Sponsor Contact

Phase

Current Phase
Phase End Date
Construction 9/30/2018
End Date 12:00:00 AM

Budget

Budget \$600,000
Construction \$-00
Cost



Status as of: 1/4/2018

Open projects: helicopter noise modeling / support services to support amendments to City of Austin helicopter ordinance; updating ABIA hydrologic and hydraulic models to reflect current conditions; NEPA services: to support the terminal ramp expansion-FAA approval received in late September 2015, fuel consortium GSE fuel tanks - 3rd party project cancelled, and de-icing storage facility - FAA approval received in mid-2015; and implement an ABIA environmental records management system-project is wrapping up.

5702.011 Stormwater Drainage Improvements

Renovations to Outfall 16 and various other locations.

<u>Staff</u>		<u>Phase</u>		<u>Budget</u>
Project Manager	Vonstein, Alison	Current Phase	Construction Phase	Budget
Project Coordinator	Sullivan, Mariola	Phase End Date	8/2/2018	Construction
Staff Assigned	Stefanelli, Carrieann	Construction	8/2/2018	Cost
Sponsor Contact	Sullivan, Mariola	End Date	12:00:00 AM	

Status as of: 4/30/2018

All sites are completed except for Site 5, although some revegetation is still needed. Site 5 is in progress, but will cease from about mid-May to around June 22 when actuators are expected to be delivered. A time extension will be incorporated in a Change Order. Another upcoming Change Order item is a lightning rod for the control panel at Site 6.



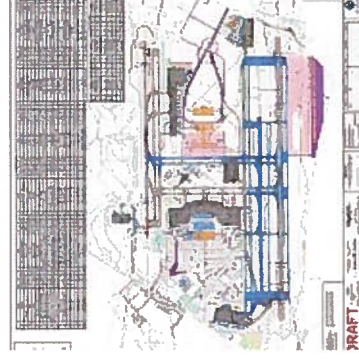
6000.103 Electronic Airport Layout Plan And Utility Mapping

Prepare electronic airport layout plan in accordance with FAA requirements and map existing legacy utilities for possible integration into the overall utility system, demolition, or abandonment in place.

<u>Staff</u>		<u>Phase</u>		<u>Budget</u>
Project Manager	Kumarage, Rohini	Current Phase	Construction Phase	Budget
Project Coordinator		Phase End Date	9/30/2018	Construction
Staff Assigned		Construction	9/30/2018	Cost
Sponsor Contact	Ranzani, Aldo	End Date	12:00:00 AM	

Status as of: 1/2/2018

Phase II is complete.



6000.116 Airport Pavement Management Evaluation

Project will support pavement management program to ensure safety and longevity of the asset that was funded in part by FAA grant money.

Staff

Project Manager Pirtle, Robert
Project Coordinator Gregson, Gary
Staff Assigned
Sponsor Contact

Phase

Current Phase
Phase End Date
Construction
End Date

Budget

Budget \$757,000
Construction \$750,000
Cost



Status as of: 1/25/2018

Consultant and IT division continue to work together on the GIS component of the project.

6000.119 Loading Bridge Mounted Ground Power Unit Replacements

Replace 14 Ground Power Units (GPUs) convert and supply a fixed 400 Hz output for aircraft parked at the terminal gates. The units are designed for mounting under the passenger loading bridge to provide a simple cost effective point-of-use location

Staff

Project Manager Stalder, Ricky
Project Coordinator
Staff Assigned
Sponsor Contact

Phase

Current Phase Construction Phase
Phase End Date 5/6/2019
Construction 5/6/2019
End Date 12:00:00 AM

Budget

Budget \$920,000
Construction \$-00
Cost



Status as of: 5/9/2018

Hensel Phelps has been assigned this project as a JOC. We are awaiting a proposal for this work. Deadline for the proposal is 5/24/2018.

6000.120 Airfield Electrical and Pavement Improvements

Improvements to airfield lighting, signage and pavement to increase circuit reliability and pavement condition to FAA Standards. Also includes work to update runway markings and signage for a shift in magnetic variance

<u>Staff</u>		<u>Phase</u>		<u>Budget</u>	
Project Manager	Cobos, Alfredo	Current Phase		Budget	\$11,370,000
Project Coordinator	Brunjes-Brandt, Ellen	Phase End Date		Construction	\$9,509,772
Staff Assigned	Stalder, Ricky	Construction	7/30/2020	Cost	
Sponsor Contact		End Date	12:00:00 AM		

Status as of: 5/11/2018

Currently working on the RS&H proposal through the CCO process for approval.



6000.121 Checkpoint Charlie Road Realignment & Security Improvements

To provide security at the Airport perimeter and provide installation of high security chain link fence with concrete barriers and gates, lighting and security cameras

<u>Staff</u>		<u>Phase</u>		<u>Budget</u>	
Project Manager	Cobos, Alfredo	Current Phase	Preliminary Phase	Budget	\$900,000
Project Coordinator	Henson, Torrey	Phase End Date	5/11/2018	Construction	
Staff Assigned		Construction		Cost	
Sponsor Contact		End Date			

Status as of: 5/14/2018

Currently, all consultants on ABIA's rotation list are out of funding authority. As a result, the project will be postponed until a new rotation list is acquired.



6000.122 Replace Failed Back-up Generator

Replace the existing back-up generator at the airfield lighting vault that has failed and cannot be repaired as parts are no longer available._x000D_

<u>Staff</u>		<u>Phase</u>		<u>Budget</u>	
Project Manager	Ibarra, Jose	Current Phase	Construction Phase	Budget	\$350,000
Project Coordinator	Stalder, Ricky	Phase End Date	12/31/2018	Construction	\$296,500
Staff Assigned		Construction	12/31/2018	Cost	
Sponsor Contact		End Date	12:00:00 AM		

Status as of: 4/25/2018

The Consultant gathered all the responses to the Fire Department questions and provided the full response to the COA Development Services Department on 4/5/18. On 4/25/18 we received the approval to the project plans.The Fire Department comments triggered some plan changes which were issued on 4/4/18.



6000.124 Midfield Access Road

Provide vehicular traffic access via an east/west midfield access road. Construction of asphalt roadway from east service road to maintenance ramp.

<u>Staff</u>		<u>Phase</u>		<u>Budget</u>	
Project Manager	Henson, Torrey	Current Phase		Budget	\$600,000
Project Coordinator		Phase End Date		Construction	\$600,000
Staff Assigned		Construction	3/4/2019	Cost	
Sponsor Contact	Carter, Christopher I	End Date	12:00:00 AM		

Status as of: 5/1/2018

Met with consulting firm, expecting proposal this month, once approved by CCO will begin PER phase.



6000.125 Maintenance Ramp Light Replacement

To remove and replace Maintenance Ramp stadium lighting with LED lights and new poles.

Staff	Phase			Budget
Project Manager	Bauermeister, Karla	Current Phase		Budget
Project Coordinator		Phase End Date		Construction
Staff Assigned		Construction	9/30/2018	Cost
Sponsor Contact		End Date	12:00:00 AM	

Status as of: 5/18/2018

Waiting on scope



6000.125 Maintenance Ramp Light Replacement

To remove and replace Maintenance Ramp stadium lighting with LED lights and new poles.

Staff	Phase			Budget
Project Manager	Bauermeister, Karla	Current Phase		Budget
Project Coordinator		Phase End Date		Construction
Staff Assigned		Construction	9/30/2018	Cost
Sponsor Contact		End Date	12:00:00 AM	

Status as of: 5/18/2018

Waiting on scope



6000.126 Airfield Sign Panel Replacement

Replacement of sign panels on airfield every 5 years

<u>Staff</u>	<u>Phase</u>		<u>Budget</u>
Project Manager	Henson, Torrey	Current Phase	Budget
Project Coordinator		Phase End Date	Construction
Staff Assigned		Construction	Cost
Sponsor Contact	Carter, Christopher I	10/1/2018	\$250,000
		12:00:00 AM	\$250,000



Status as of: 5/1/2018

Requesting bids, from contractor and suppliers for panels. All bids should be received by end of month

6001.084 ABIA Bldg 6005 Improvements-Phase II (Planning & Engineering Building)

Renovations for building 6005 ((Planning & Engineering Building))

<u>Staff</u>	<u>Phase</u>		<u>Budget</u>
Project Manager	Pirtle, Robert	Current Phase	Budget
Project Coordinator	Mercado, Robert	Phase End Date	Construction
Staff Assigned		Construction	Cost
Sponsor Contact		11/10/2018	\$3,452,000
		12:00:00 AM	\$2,578,000



Status as of: 1/8/2018

The construction contract and work remains 100% complete. This FDU is being used for furniture purchases in the building for Aviation staff.

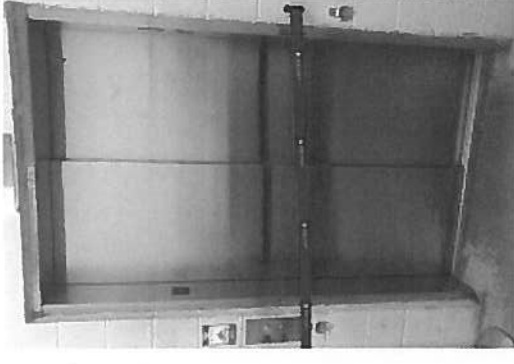
6001.093 Elevator Refurbishment Re-bid

Refurbish passenger elevators at the parking garage, freight elevators and terminal.

<u>Staff</u>	<u>Phase</u>		<u>Budget</u>
Project Manager	Kumarage, Rohini	Current Phase	Budget
Project Coordinator	Stalder, Ricky	Phase End Date	Construction
Staff Assigned		Construction	Cost
Sponsor Contact		End Date	
		5/24/2018	\$4,600,000
		12:00:00 AM	\$4,600,000

Status as of: 5/24/2018

continuing the final phase of work



6001.095 Upper Level Embankment Inspections and Repairs

Repair sides of mechanically stabilized earthen (MSE) embankments leading to the upper level roadway at the Austin-Bergstrom International Airport terminal building, that are showing signs of buckling and cracking on the side panels.

<u>Staff</u>	<u>Phase</u>		<u>Budget</u>
Project Manager	Vonstein, Alison	Current Phase	Budget
Project Coordinator	Thompson, Dale	Phase End Date	Construction
Staff Assigned		Construction	Cost
Sponsor Contact	Sullivan, Mariola	End Date	
		8/30/2018	\$5,527,978
		8/30/2018	\$4,150,329
		12:00:00 AM	

Status as of: 4/29/2018

Final completion inspection of the walls was held 4/4/2018. Approval by Council is scheduled for 5/10/2018 for additional authorization for consultant's proposed supplemental amendment to provide additional construction phase services and design for roadway reconstruction. A stop work letter was issued for contract time to halt 3/13/2018 to allow time for consultant to design the roadway work and then negotiate and execute a Change Order for the additional work. Restart of construction, at the roadway, is anticipated to occur in late June or July 2018.



6001.102 ABIA Campus HVAC Improvements

Upgrade the Parking Operations Building, Information Systems Building, and Learning Resource Center mechanical systems.

<u>Staff</u>		<u>Phase</u>		<u>Budget</u>	
Project Manager	Mendoza, Paul	Current Phase		Budget	\$3,300,000
Project Coordinator	Sullivan, Mariola	Phase End Date		Construction	\$1,923,669
Staff Assigned	Minjarez, Raymundo	Construction	6/15/2019	Cost	
Sponsor Contact	Sullivan, Mariola	End Date	12:00:00 AM		

Status as of: 5/3/2018

QMD R2 comments are being addressed by consultants and PMD and new front-end documents will be required due to CCO revisions to front-ends. QMD R2 response should be submitted by next Monday.



6001.104 New Information Technology Building

Design of new IT building to support and meet the expanding business demands of Department of Aviation customers.

<u>Staff</u>		<u>Phase</u>		<u>Budget</u>	
Project Manager	Taylor, David	Current Phase	Preliminary Phase	Budget	\$30,000,000
Project Coordinator	Mercado, Robert	Phase End Date	6/2/2018	Construction	\$22,000,000
Staff Assigned		Construction	2/26/2021	Cost	
Sponsor Contact	Moheet, Michelle	End Date	12:00:00 AM		

Status as of: 4/30/2018

Consultant recommendation was approved by Council 4/26 and kick-off is scheduled. Only one CMAR qualification statement was received and is under review.



6001.107 Landside Roadway and Pedestrian Improvements Phase 2

Continue pedestrian/bicycle path extension from previous installation. Connection from Hilton Hotel to lot J. Improve current bus shelters at the airport. Safety-related improvements to passenger crosswalks adjacent to the terminal frontage.

<u>Staff</u>		<u>Phase</u>	<u>Budget</u>
Project Manager	Smythe-Macaulay, David	Current Phase	Bid/Award/Execution Pha Budget
Project Coordinator	Sullivan, Mariola	Phase End Date	8/13/2018
Staff Assigned		Construction	6/16/2019
Sponsor Contact	Sullivan, Mariola	End Date	12:00:00 AM

Status as of: 4/30/2018

The design team is preparing to submit the plans for a Site Plan Correction. The Site Plan Correction should be approved in sufficient time to start construction this summer.



6001.112 Campus Signage Improvements

Add several campus monument signage, include solar-powered lighting for recently installed signage.

<u>Staff</u>		<u>Phase</u>	<u>Budget</u>
Project Manager	Vonstein, Alison	Current Phase	Construction Phase Budget
Project Coordinator	Henson, Torrey	Phase End Date	6/29/2018
Staff Assigned		Construction	6/29/2018
Sponsor Contact		End Date	12:00:00 AM

Status as of: 4/30/2018

Contractor is finishing up. Substantial completion is scheduled for 5/31/2018.



6001.114 Parking Garage & Admin Building - West Lot A - Design & Construction

Design and construction of a new parking garage and administrative building on West Lot A to accommodate growing passenger demand for parking close to the terminal and office space for staff.

<u>Staff</u>		<u>Phase</u>		<u>Budget</u>	
Project Manager	Jones, Burton	Current Phase	Design Phase	Budget	\$262,000,000
Project Coordinator	Mercado, Robert	Phase End Date	5/31/2018	Construction	\$238,100,000
Staff Assigned		Construction	8/30/2019	Cost	
Sponsor Contact		End Date	12:00:00 AM		



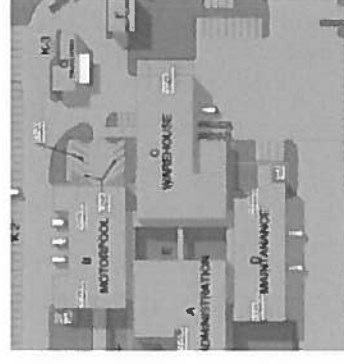
Status as of: 3/26/2018

Construction and design are ongoing. The contractor has bid the GMP No. 3 package of drawings, and should submit GMP No. 3 this week. Contractor is scheduled to reach substantial completion at the end of January 2019, with the potential for early completion of a portion of the garage by early November 2018. The completion of the Administration Bldg. will follow.

6001.117 Consolidated Maintenance Facility

Design/build new combined maintenance facility to support the functions of multiple DOA divisions: building/airline/field maintenance, MaxAdmin, & trade shops. Also included will be housing for specialized Part 139 equipment, motor pool, & APD.

<u>Staff</u>		<u>Phase</u>		<u>Budget</u>	
Project Manager	Smythe-Macaulay, David	Current Phase	Design Phase	Budget	\$79,000,000
Project Coordinator		Phase End Date	8/20/2018	Construction	\$60,615,000
Staff Assigned	Estabrook, Lyn	Construction	8/22/2020	Cost	
Sponsor Contact	Mercado, Robert	End Date	12:00:00 AM		



Status as of: 4/30/2018

The Building Excellence Leadership Review Team meet on March 29 to address a request for non-compliance with Resolution 20071129-045 (LEED Silver requirement). Several options were provided of which one involves certifying all five buildings as one project under LEED 2009 BD+C by editing the project boundaries for the initial project. This involves an agreement with USGBC to retroactively bring the whole site and buildings into the existing registered LEEDv3 project. USGBC agreed, and the team is pursuing LEED Silver for five of the buildings.

6001.118 Environmental and Sustainability Management FY2016

Provides funding necessary to support/improve the Airport's sustainable initiatives and regulatory compliance programs.

<u>Staff</u>	<u>Phase</u>			<u>Budget</u>
Project Manager	Carpenter, Kane	Current Phase		Budget
Project Coordinator	Estabrook, Lyn	Phase End Date		Construction
Staff Assigned		Construction	9/30/2019	Cost
Sponsor Contact	Stefanelli, Carrieann	End Date	12:00:00 AM	

Status as of: 1/2/2018

Project continues to support environment compliance and sustainability projects and programs at ABIA. Additional DOs will be issued in the near future.



6001.124 Spirit of Texas Drive Rehabilitation

Spirit of Texas asphalt pavement is failing and the intersection at Hotel Drive is hazardous.

<u>Staff</u>	<u>Phase</u>			<u>Budget</u>
Project Manager	Lopez, Tony	Current Phase	Preliminary Phase	Budget
Project Coordinator	Henson, Torrey	Phase End Date	9/21/2018	Construction
Staff Assigned		Construction	6/18/2020	Cost
Sponsor Contact		End Date	12:00:00 AM	

Status as of: 4/30/2018

The consultant has begun design and an additional scope was sent to them for inclusion into the overall preliminary design deliverable. This additional scope will be executed and covered under a completely separate contract.



6001.126 Austin Bergstrom Landhost Enterprises Atrium Project

Mold remediation and HVAC system replacement

<u>Staff</u>		<u>Phase</u>		<u>Budget</u>
Project Manager	Avila, Ben	Current Phase	Construction Phase	Budget
Project Coordinator	Estabrook, Lyn	Phase End Date	9/30/2018	Construction
Staff Assigned		Construction	9/30/2018	Cost
Sponsor Contact		End Date	12:00:00 AM	

Status as of: 5/2/2018

Project HVAC work is about 85% completed. Project Mold Remediation work is about 25% done. Estimated Final Completion date is JUL-2018.



6001.127 ABIA Landside Parking Lots Lighting

Landside parking lots lighting

<u>Staff</u>		<u>Phase</u>		<u>Budget</u>
Project Manager	Jones, Burton	Current Phase		Budget
Project Coordinator	Brunjes-Brandt, Ellen	Phase End Date		Construction
Staff Assigned	Stalder, Ricky	Construction	11/30/2019	Cost
Sponsor Contact		End Date	12:00:00 AM	

Status as of: 5/15/2018

This project was reassigned to PMD, PM Burton Jones on 12.01.17



6001.128 Planning And Engineering HVAC And Office Space

Planning and engineering HVAC And office space renovation

<u>Staff</u>		<u>Phase</u>	<u>Budget</u>
Project Manager	Sullivan, Mariola	Current Phase	Budget
Project Coordinator		Phase End Date	\$2,800,000
Staff Assigned		Construction	Construction
Sponsor Contact	Sullivan, Mariola	End Date	Cost
			\$2,100,000

Status as of: 4/16/2018

RS&H assigned as consultant on 4/10/18. Kick-off meeting to be scheduled soon.



6001.132 Third Floor Parking Garage Canopies

Investigate and repair cracks in the main steel support at the tall canopy and third floor parking canopies and gutter system.

<u>Staff</u>		<u>Phase</u>	<u>Budget</u>
Project Manager	Pirtle, Robert	Current Phase	Budget
Project Coordinator	Henson, Torrey	Phase End Date	\$500,000
Staff Assigned		Construction	Construction
Sponsor Contact		End Date	Cost
			\$500,000

Status as of: 5/1/2018

Engineer will be onsite to inspect repairs. Once approved project can be closed.



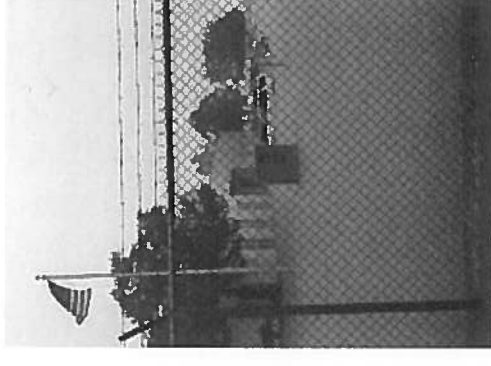
6001.134 Tracon Building Stormwater Improvements

TRACON Building Stormwater Improvements

<u>Staff</u>	<u>Phase</u>		<u>Budget</u>
Project Manager	Vonstein, Alison	Current Phase	Budget
Project Coordinator	Sullivan, Mariola	Phase End Date	Construction
Staff Assigned		Construction	Cost
Sponsor Contact	Sullivan, Mariola	End Date	

Status as of: 4/30/2018

Three bids received 3/8/2018. Central Road and Utility/CRU is the certified low bidder, in the amount of \$1,880,220. Council approval of construction contract is scheduled for 5/10/2018. Approved by Airport Advisory Commission 4/10/2018.



6001.135 Connectivity Pedestrian Path - Segment 5

Continue pedestrian/bicycle path extension from previous installation. New pathway from intersection of Freight Lane and Spirit of Texas Drive to Cargo Lane to Freight Lane and includes Rental Car Lane.

<u>Staff</u>	<u>Phase</u>		<u>Budget</u>
Project Manager	Henson, Torrey	Current Phase	Budget
Project Coordinator		Phase End Date	Construction
Staff Assigned		Construction	Cost
Sponsor Contact	Harbinson, Shane	End Date	

Status as of: 5/1/2018

Scoping meeting completed, requesting engineering consulting firm from rotation list to begin project. Plans are to install share use path along Emma Browning on the south side of the airport, and look at intersection entering into South terminal.



6001.137 Emma Browning Road Reconstruction

Partial full depth reconstruction and overlay on roadway.

<u>Staff</u>		<u>Phase</u>	<u>Budget</u>
Project Manager	Henson, Torrey	Current Phase	
Project Coordinator		Phase End Date	
Staff Assigned		Construction	
Sponsor Contact	Carter, Christopher I	End Date	

2/4/2019
12:00:00 AM

\$600,000
\$450,000



Status as of: 5/1/2018

Scoping meeting help, plan is to contact COA street and bridge department to see if they have time to mill and overlay Emma browning.

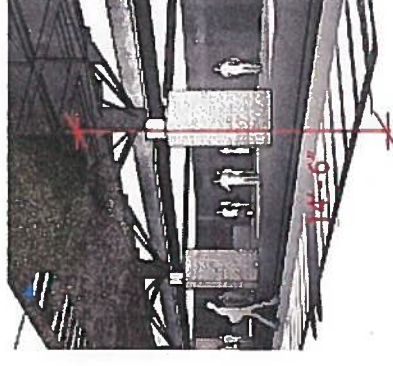
6501.103 Electronic Visual Information Display System

Expansion of the existing Electronic Visual Information Display System to include electronic signage at the passenger drop off curb and within the ticket lobby with full implementation of the Shared Use Passenger Processing System.

<u>Staff</u>		<u>Phase</u>	<u>Budget</u>
Project Manager	Mercado, Robert	Current Phase	
Project Coordinator	Davis, Shaun	Phase End Date	
Staff Assigned		Construction	
Sponsor Contact		End Date	

9/30/2018
12:00:00 AM

\$1,500,000
\$-00



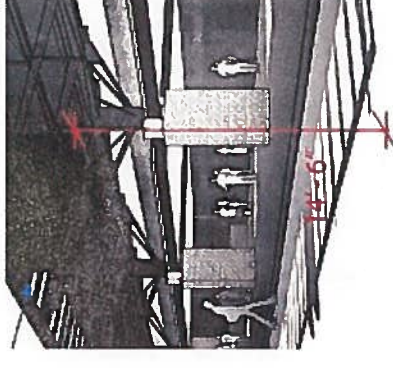
Status as of: 10/27/2017

Construction on this scope of work for the Upper Level Terminal Concourse and Curbside is underway.

6501.103 Electronic Visual Information Display System

Expansion of the existing Electronic Visual Information Display System to include electronic signage at the passenger drop off curb and within the ticket lobby with full implementation of the Shared Use Passenger Processing System.

<u>Staff</u>		<u>Phase</u>	<u>Budget</u>
Project Manager	Mercado, Robert	Current Phase	Budget \$1,500,000
Project Coordinator	Folsom-Heath, Diana	Phase End Date	Construction \$-00
Staff Assigned		Construction	
Sponsor Contact		End Date	9/30/2018 12:00:00 AM



Status as of: 10/27/2017

Construction on this scope of work for the Upper Level Terminal Concourse and Curbside is underway.

7863.006 Airport Master Plan Update

New airport master plan to provide guidance document for the next 20 year development horizon.

<u>Staff</u>		<u>Phase</u>	<u>Budget</u>
Project Manager	Williams, Jennifer	Current Phase	Budget \$4,000,000
Project Coordinator	Mercado, Robert	Phase End Date	Construction \$-00
Staff Assigned	Mercer, Joseph	Construction	
Sponsor Contact	Harbinson, Shane	End Date	9/30/2018 12:00:00 AM



Status as of: 1/5/2018

Aviation forecast was approved by FAA in November 2017. Landrum and Brown is compiling demand/capacity analysis, and Aviation staff has submitted edits/comments for draft inventory. Next PAC/TAC/Public meetings scheduled for early March.

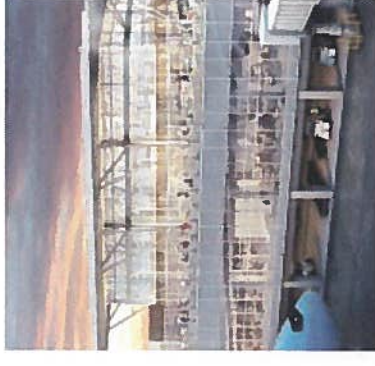
11222.001 Apron Expansion

This project will create additional space for both passengers and aircraft, utilizing the terminal concourse and aircraft parking at the terminal gates to accommodate increased airline and passenger traffic.

<u>Staff</u>		<u>Phase</u>		<u>Budget</u>	
Project Manager	Pirtle, Robert	Current Phase		Budget	\$377,644,012
Project Coordinator	Brunjes-Brandt, Ellen	Phase End Date		Construction	\$305,970,766
Staff Assigned	Smith, Connie	Construction	7/15/2019	Cost	
Sponsor Contact		End Date	12:00:00 AM		

Status as of: 4/2/2018

GMP-1, De-Icing Facility Several issues with the new facility are being addressed by the design team and contractor, including substantial loss of water from the holding tanks, lack of freeze protection for pumps and valves, ground settlement at several locations around the facility, hairline cracks in the concrete walls between holding tanks, and inconsistent performance of some elements of the control system. All of these issues are being addressed and Final Completion will not be designated until all issues have been resolved to the Aviation Department's satisfaction. GMP-2, Apron Expansion Work on the eastern and southeastern portions of the apron expansion (Phases 1 and 2) is ongoing. No particular issues at this time. GMP-3(C), Terminal Improvements Sequenced work on roofing replacement and Hold Room renovations started at the west Terminal and is progressing eastward. There have been occasional instances of roof leaks and FOD falling onto the apron, but no major issues, or interruption of airline activities. The new baggage belt that extends from the existing Terminal into the Terminal Expansion is under construction. Baggage belt replacements in the apron level lobby is progressing well. The entrance vestibule extensions are proceeding better than the first four units. The new cooling tower at the Central Utility Plant is under construction. GMP-3(E), Terminal Expansion The building's finished exterior is about 70% complete. The roof is about 65% complete. Interior building utility systems are about 50% complete. Make-up baggage carousels at the apron level are almost complete. Escalators are in place but not yet functional - pending complete enclosure of the building. Elevators are in the process of being installed. Terrazzo flooring at the concourse level is about to commence. Public restrooms have all the plumbing rough-in work completed and will soon be ready for drywall, plumbing fixtures and finishes. GMP-4, Apron Expansion Phase 3 and Remote Pond Bid documents are out for bids at this time. Work is anticipated to start in early summer, 2018.



**Terminal/Apron Expansion
& Improvements**



Austin-Bergstrom
International Airport

BUSINESS DEVELOPMENT AND TENANT MANAGEMENT

Austin Airport Advisory Commission Report

June 12, 2018

Tenant Updates and Business Development Events

1. On May 15, construction started on Tacodeli and Einstein Bros. Bagels at the Austin-Bergstrom International Airport. The new concession options will replace Austin Java and the Austin Chronicle near Gate 14 in the Barbara Jordan Terminal. Austin Java and the Austin Chronicle stopped operations on Monday, May 14. The Tacodeli and Einstein renovation includes a live music venue and performance stage.
2. On June 1, Paradies Lagardere commenced construction on MAD Greens and Hut's Hamburgers. MAD Greens will be located in the east food court next to the newly opened JuiceLand, Peached Tortilla, and Hippies & Hops. Hut's Hamburgers will be located across from Barton Springs East by Gate 6 and is replacing Saxon Pub. The Saxon Pub will relocate to the center concourse, in the area of Ray Benson's Roadhouse, near Gate 10.
3. Vacation Express inaugurated new nonstop service between Austin-Bergstrom International Airport and Punta Cana, Dominican Republic on June 4, 2018. Vacation Express' new nonstop flight service between Austin and Punta Cana will operate once per week, departing Austin on Mondays. Flights depart Austin at 9:30 a.m. and arrive in Punta Cana at 2:55 p.m. Punta Cana to Austin flights depart Sundays at 1 p.m. and arrive in Austin at 4:50 p.m. Swift Air will operate the flights, arriving and departing from the Barbara Jordan Terminal from June 4 – Aug. 6, 2018, on a 150 seat B737-400 aircraft with first-class seating.

Posting Language

Approve a resolution expressing the City's consent, as required by Internal Revenue Code Section 147(f), to Public Finance Authority's issuance of bonds for the purpose of making a loan to Austin FBO, LLC in an amount not to exceed \$50,000,000 for the construction and equipping of facilities providing services to general aviation aircraft operations at Austin-Bergstrom International Airport.

Lead Department

Aviation.

Fiscal Note

Click or tap here to enter text.

Prior Council Action:

Click or tap here to enter text.

For More Information:

Susana Carbajal, Assistant Director, 512-530-6364.

Council Committee, Boards and Commission Action:

To be reviewed by the Austin Airport Advisory Commission on June 12, 2018.

Additional Backup Information:

The Public Finance Authority intends to issue bonds in an aggregate principal amount not to exceed \$50,000,000 and loan the bond proceeds to Austin FBO, LLC in Austin, Texas. The bond proceeds will be used to finance the construction and equipping of general aviation facilities located on approximately 23 acres of land at Austin-Bergstrom International Airport.

The Internal Revenue Code requires that Council approve the bonds since the facilities being financed by the bond proceeds are located within the City of Austin. The City of Austin is not being asked for funds and in no way will the bonds be considered a debt or liability of the City. The financing does not count against the City's bonding capacity. All the expenses and repayment liability for this financing are solely an obligation of Austin FBO, LLC.

RESOLUTION NO. _____

WHEREAS, the Public Finance Authority, a joint powers commission created under Sections 66.0301, 66.0303 and 66.0304 of the Wisconsin Statutes (the “Issuer”), has adopted a resolution authorizing the issuance of its Special Facility Revenue Bonds (Austin FBO, LLC General Aviation Facilities Project), Series 2018A in one or more series (the “Bonds”), in an aggregate principal amount not to exceed \$50,000,000 for the purpose of making a loan to Austin FBO, LLC (the “Borrower”) to (a) finance the acquisition, construction and/or equipping of certain facilities for an airport under section 142(a)(1) of the Internal Revenue Code (the “Facilities”), (b) pay the costs of issuing the Bonds, (c) pay capitalized interest with respect to the Bonds and (d) fund a debt service reserve fund for the Bonds (collectively, the “Project”); and

WHEREAS, the Facilities will be located on a 23-acre site in the southeast corner of the Austin-Bergstrom International Airport (the “Airport”); and

WHEREAS, the Facilities will be owned by the City of Austin, Texas and will be used and operated by the Borrower in its business of providing services to general aviation aircraft operators at the Airport; and

WHEREAS, the Bonds will be special limited obligations of the Issuer payable solely from the loan repayments to be made by the Borrower to the Issuer, and certain funds and accounts established by the trust indenture for the Bonds; and

WHEREAS, Section 147(f) of the United States Internal Revenue Code of 1986, as amended, requires the Issuer to obtain the approval of the City of Austin as the local jurisdiction where the Facilities being finance are situated before the Bonds can be issued; and

WHEREAS, the City Council is informed that the required public hearing regarding the issuance of the Bonds was properly noticed and then held on June 5, 2018 at 11:00 a.m. at the Austin-Bergstrom International Airport, 2716 Spirit of Texas Drive, Room 174-A, Austin, Texas 78719; **NOW THEREFORE**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF AUSTIN:

Section 1. The City Council approves the issuance of the Bonds in an amount not to exceed \$50,000,000. It is the intent of this City Council that this Resolution constitutes approval of the financing for the sole purpose of compliance with Section 147(f) of the Internal Revenue Code and with any state law applicable to the Issuer and the Bonds. The proceeds of the Bonds will be used solely for the purposes described in this Resolution.

Section 2. The Mayor and City Clerk are authorized and directed to take any action and to execute and deliver any documents that are necessary or advisable to comply with the terms and intent of this Resolution and to facilitate the financing transaction.

Section 3. Nothing in this Resolution shall be construed to create any obligation whatsoever of the City with respect to the issuance or repayment of the Bonds or the Project. The Bonds shall never constitute an indebtedness, obligation or pledge of the City within the meaning of any constitutional or statutory provision, and the Bonds shall never

be paid in whole or in part out of any funds raised or to be raised by taxation or any other revenues of the City.

Section 4. This Resolution is adopted solely to approve the issuance of the Bonds and the financing of the Project. This Resolution does not constitute an approval by the City of any other aspect of the Project. In particular, but without limitation, this Resolution does not constitute zoning approval, approval of any building permit, or any other approval required by the City in regard to the Project other than approval of the Bonds.

BE IT FURTHER RESOLVED:

The City Council authorizes, empowers, and directs Jannette S. Goodall, City Clerk to certify this resolution to Public Finance Authority.

ADOPTED: June 28, 2018

ATTEST: _____
Jannette S. Goodall
City Clerk

Posting Language

Amend Section 13-1-163 (Off-Airport Rental Car Business) of the Code of the City of Austin to reflect operational changes required by the Department of Aviation for Off-Airport Rental Car Businesses at Austin-Bergstrom International Airport (the "Airport").

Lead Department

Aviation.

Fiscal Note

There is no unanticipated fiscal impact. A fiscal note is not required.

Prior Council Action:

Click or tap here to enter text.

For More Information:

Francisco "Kiko" Garza, Aviation Division Manager, 512-530-7526.

Council Committee, Boards and Commission Action:

To be reviewed by the Austin Airport Advisory Commission on June 12, 2018.

Additional Backup Information:

On October 1, 2015, the Consolidated Rental Car Facility ("CONRAC") was built and completed. This project was financed by Rental Car Special Facility Revenue Bonds, Taxable Series 2013 (the "Bond"). The Bond documents require rental car operations to take place at the CONRAC facilities, including operations by off-airport rental car operators, in addition to the imposition of applicable fees and charges.

This amendment to Section 13-1-163 (Off-Airport Rental Car Business) is intended to modify language to reflect operational changes for off-airport rental car operators.

A copy of the proposed amendment to Section 13-1-163 is attached hereto.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41

ORDINANCE NO.

**AN ORDINANCE AMENDING CHAPTER 13-1 OF THE CITY CODE
RELATING TO OFF-AIRPORT RENTAL CAR BUSINESS.**

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF AUSTIN:

PART 1. City Code Section 13-1-163 (*Off-Airport Rental Car Business*) is amended to read as follows:

- (A) The director shall determine and assess [~~an annual permit fee~~] rates and charges against an off-airport rental car business operator for the use of airport facilities [~~based on the annual gross revenues of the operator, excluding the first \$25,000 of annual gross revenue~~].
- (B) An off-airport rental car business operator shall report to the director the total annual gross revenues derived from a customer picked up at the airport and transported by a courtesy vehicle or other means to an off-airport business location, and such other financial and operating information as may be determined by the director.
- (C) Except as provided in Subsection (D), in determining the annual gross revenues of an off-airport rental car business, the director shall make the rebuttable presumption that 95 percent of reported annual gross revenues are generated by the off-airport rental car business and shall reduce the reported gross revenues by five percent before calculating the annual permit fee under this section.
- (D) The operator of an off-airport rental car business may furnish auditable proof to the director that the airport-generated gross annual revenues of the business is less than 95 percent of the total annual gross revenue of the business.
- (E) An off-airport rental car operator:
- (1) may not pick up a customer at the airport in a rental car; [~~and~~]
 - (2) shall use an authorized courtesy service to pick up a customer; and
 - (3) shall pick up and drop off a customer at the airport at a location designated by the director.

PART 2. This ordinance takes effect on _____, 2018.

PASSED AND APPROVED

_____, 2018

§
§
§

Steve Adler
Mayor

APPROVED: _____

Anne L. Morgan
City Attorney

ATTEST: _____

Jannette S. Goodall
City Clerk

A U S T I N C I T Y C O U N C I L

A G E N D A



Recommendation for Council Action

AUSTIN CITY COUNCIL

Regular Meeting: June 14, 2018

Item Number: 003

Aviation

Approve an ordinance amending the Fiscal Year 2017-2018 Operating Budget for the Aviation Department Airport Capital Fund (Ordinance 20170913-001) to increase transfers out by \$25,000,000; and amending the Fiscal Year 2017-2018 Capital Budget (Ordinance No. 20170913-001) for Aviation to transfer in and appropriate \$25,000,000 for the purchase of an air freight and cargo facility leasehold interest and related improvements.

Lead Department	Aviation.
Fiscal Note	Funding in the amount of \$25,000,000 is available in a future issuance of debt. A Fiscal Note is attached.
Prior Council Action	Fiscal Year 2017-2018 Aviation Department Capital Budget (Ordinance No. 20170913-001).
For More Information	David Arthur, Assistant Director and Chief Financial Officer, (512) 530-6688.
Council Committee, Boards and Commission Action	To be reviewed by Airport Advisory Commission on June 12, 2018.

Additional Backup Information:

This request for council action seeks to amend the Aviation Department (Aviation) Capital Budget by

\$25,000,000. This action will allow Aviation to purchase a leasehold interest previously assigned to Lynxs Austin Cargoport LLC (Lynxs), along with related improvements, for an amount not to exceed \$17,850,000.

Aviation's purchase of Lynxs's leasehold interest, including the related improvements, enables Aviation to further support air freight and cargo development. Buildings acquired in this purchase may be utilized to accommodate additional needs of the Austin-Bergstrom International Airport (ABIA), including the use of the building as a receiving and distribution center for terminal tenants, as well as a storage and warehouse facility. Once the leasehold interest and improvements are acquired, ABIA might require additional improvements to the property, and the additional \$7,150,000 will ensure adequate funding for these potential improvements.

CIP BUDGET FISCAL NOTE

DATE OF COUNCIL CONSIDERATION:
CONTACT DEPARTMENT(S):

6/14/18
Aviation

SUBJECT: Approve an ordinance amending the Fiscal Year 2017-2018 Airport Capital Fund Budget (Ordinance 20170913-001) to increase transfers out to the Airport CIP Fund by an amount of \$25,000,000; amend the Fiscal Year 2017-2018 Aviation Capital Improvements Program to appropriate the same amount for the purchase of Lynxs Austin CargoPort , LLC leasehold interest and improvements and to fund additional improvements to the property after acquisition. (District 2)

CURRENT YEAR IMPACT:

Department:	Aviation
Project Name:	ABIA Improvements Parent Account
Funding Source:	Airport Capital Fund
Fund/Dept/Unit:	4910-8107-3050

Current Budget	0
Unencumbered Balance	0
This Action	<u>25,000,000</u>
Estimated Available	25,000,000

ANALYSIS / ADDITIONAL INFORMATION: For the City to spend money today, but reimburse itself from the issuance of debt obligations in the future, a reimbursement resolution is required by state and federal law. The resolution must contain certain information and is generally drafted by bond counsel to protect the tax-exempt status of the future issuance. The resolution must be passed not more than 60 days after the date that the cost to be reimbursed is paid. Failure to adopt a qualified declaration of official intent will prohibit the City from reimbursing the cost with the proceeds of tax exempt obligations. Reimbursement bonds generally must be issued 18 months after the later of, the date the expenditure was made, or the date that the project, with respect to which the expenditure was made, is placed in service.

ORDINANCE NO.

AN ORDINANCE AMENDING THE FISCAL YEAR 2017-2018 OPERATING BUDGET FOR THE AVIATION DEPARTMENT AIRPORT CAPITAL FUND (ORDINANCE NO. 20170913-001) TO INCREASE TRANSFERS OUT; AND AMENDING THE FISCAL YEAR 2017-2018 AVIATION DEPARTMENT CAPITAL BUDGET (ORDINANCE NO. 20170913-001) TO TRANSFER IN AND APPROPRIATE FUNDS FOR THE PURCHASE OF AN AIR FREIGHT AND CARGO FACILITY LEASEHOLD INTEREST AND RELATED IMPROVEMENTS.

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF AUSTIN:

PART 1. Council amends the Fiscal Year 2017-2018 Operating Budget for the Aviation Department Airport Capital Fund (Ordinance No. 20170913-001) to increase transfers out by \$25,000,000.

PART 2. Council amends the Fiscal Year 2017-2018 Aviation Department Capital Budget (Ordinance No. 20170913-001) to transfer in and appropriate \$25,000,000 for the purchase of an air freight and cargo facility leasehold interest and related improvements.

PART 3. This ordinance takes effect on _____, 2018.

PASSED AND APPROVED

_____, 2018

§
§
§

Steve Adler
Mayor

APPROVED: _____

Anne L. Morgan
City Attorney

ATTEST: _____

Jannette S. Goodall
City Clerk

A U S T I N C I T Y C O U N C I L
AGENDA



Recommendation for Council Action

AUSTIN CITY COUNCIL
Regular Meeting: June 14, 2018

Item Number: 004

Aviation

Approve a resolution declaring the City of Austin's official intent to reimburse itself from revenue bonds in an amount not to exceed \$25,000,000 for Austin-Bergstrom International Airport to purchase an air freight and cargo facility leasehold interest and improvements.

Lead Department	Aviation.
Fiscal Note	Funding in the amount of \$25,000,000 is available in a future issuance of debt. A fiscal note is attached.
For More Information	David Arthur, Assistant Director and Chief Financial Officer, (512) 530-6688. <u>Council Committee, Board</u> To be reviewed by the Airport Advisory Commission on June 12, 2018.

Additional Backup Information:

The Aviation (Aviation) requests approval, in accordance with Federal Treasury Regulations, of a resolution officially declaring the City's intent to purchase a leasehold interest and the costs of improvements to Austin-Bergstrom International Airport (ABIA).

Aviation has funds available in the Capital Fund. However in the event Aviation would instead choose to issue debt, Aviation would desire to reimburse itself for the costs associated with the improvements from the proceeds of obligations to be issued.

For the City to spend money today, but reimburse itself from the issuance of debt obligations in

the future, a reimbursement resolution is required by state and federal law. The resolution must contain certain information and is generally reviewed by bond counsel to protect the tax-exempt status of the future issuance. The resolution must be passed not more than 60 days after the date that the cost to be reimbursed is paid. Failure to adopt a qualified declaration of official intent will prohibit the City from reimbursing the cost with the proceeds of tax exempt obligations. Reimbursement bonds generally must be issued 18 months after the later of the date the expenditure was made, or the date that the project, with respect to which the expenditure was made, is placed in service.

This action expresses the City Council's intent to authorize the reimbursement for costs associated with the leasehold interest and improvements to be purchased from Lynxs Austin CargoPort LLC (Lynxs) in the amount of \$25,000,000.

CAPITAL BUDGET FISCAL NOTE

CONTACT DEPARTMENT(S):

Aviation

SUBJECT: Approve a resolution declaring the City of Austin's official intent to reimburse itself from revenue bonds in the amount not to exceed \$25,000,000 for Austin-Bergstrom International Airport to purchase an air freight and cargo facility leasehold interest and improvements.

CURRENT YEAR IMPACT: This item has no fiscal impact tax rate. The debt will not be issued until August 2019 or later.

FIVE YEAR IMPACT:

	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>
Estimated Debt Service	\$0	\$0	\$526,750	\$1,053,500	\$1,053,500

ANALYSIS / ADDITIONAL INFORMATION: For the City to spend money today, but reimburse itself from the issuance of debt obligations in the future, a reimbursement resolution is required by state and federal law. The resolution must contain certain information and is generally drafted by bond counsel to protect the tax-exempt status of the future issuance. The resolution must be passed not more than 60 days after the date that the cost to be reimbursed is paid. Failure to adopt a qualified declaration of official intent will prohibit the City from reimbursing the cost with the proceeds of tax exempt obligations. Reimbursement bonds generally must be issued 18 months after the later of, the date the expenditure was made, or the date that the project, with respect to which the expenditure was made, is placed in service.

RESOLUTION NO.

WHEREAS, the City of Austin, Texas (the "City"), is a political subdivision of the State of Texas authorized to finance its activities by issuing obligations; and

WHEREAS, the City will make, or has made not more than 60 days before the date of this Resolution, payments with respect to the projects listed on Exhibit A attached to this Resolution (the "Financed Project"); and

WHEREAS, the City has concluded that it does not currently desire to issue obligations to finance the costs associated with the Financed Project; and

WHEREAS, the City desires to reimburse itself for the costs associated with the Financed Project from the proceeds of obligations to be issued after the date of this Resolution; and

WHEREAS, the City reasonably expects to issue obligations to reimburse itself for the costs associated with the Financed Project; **NOW, THEREFORE**,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF AUSTIN:

Section 1. The City reasonably expects to reimburse itself for costs that have been or will be paid no earlier than 60 days before the date of this Resolution

and that are to be paid in connection with the Financed Project from the proceeds of obligations to be issued after the date of this Resolution.

Section 2. The City reasonably expects that the maximum principal amount of obligations issued to reimburse the City for the costs associated with the Financed Project will be \$25,000,000.

ADOPTED: _____, 2018

ATTEST: _____
Jannette S. Goodall
City Clerk

EXHIBIT A

DESCRIPTION OF PROJECT

<u>Purpose/Project</u>	<u>Amount</u>
Acquisition, construction, reconstruction, rehabilitation or renovation of airport facilities, including airport cargo facilities, and the acquisition of land and interests in land in connection with the facilities	\$25,000,000

A G E N D A



Recommendation for Council Action

AUSTIN CITY COUNCIL

Regular Meeting: June 14, 2018

Item Number: 049

Purchasing Office

Authorize award and execution of a multi-term contract with Airport Lighting Systems, Inc. (DBE), to provide airfield lighting, signage, and fixture replacement parts, for up to five years for a total contract amount not to exceed \$5,300,000. (Note: This solicitation was reviewed for subcontracting opportunities in accordance with City Code Chapter 2-9D Minority Owned and Women Owned Business Enterprise Procurement Program. For the goods required for this solicitation, there were no subcontracting opportunities; therefore, no subcontracting goals were established).

Lead Department	Purchasing Office.
Fiscal Note	Funding in the amount of \$353,333 is available in the Fiscal Year 2017-2018 Operating Budget of Aviation. Funding for the remaining contract term is contingent upon available funding in future budgets.
Purchasing Language	The Purchasing Office issued an Invitation for Bids (IFB) 8100 SLW0121REBID for these goods. The solicitation issued on February 19, 2018 and it closed on March 27, 2018. Of the two offers received, the recommended contractor submitted the only responsive offer. A complete solicitation package, including a tabulation of the bids received, is available for viewing on the City's Financial Services website, Austin Finance Online. Link: Solicitation Documents <https://www.austintexas.gov/financeonline/vendor_connection/solicitation/solicitation_details.cfm?sid=123948> .
For More Information	Inquiries should be directed to the City Manager's Agenda Office, at 512-974-2991 or AgendaOffice@austintexas.gov <mailto:AgendaOffice@austintexas.gov> NOTE: Respondents to this solicitation, and their representatives, shall continue to direct inquiries to the solicitation's Authorized Contact Persons: Sandy Wirtanen, at 512-974-7711 or

	sandy.wirtanen@austintexas.gov < mailto:sandy.wirtanen@austintexas.gov > or Marian Moore, at 512-974-2062 or marian.moore@austintexas.gov < mailto:marian.moore@austintexas.gov >.
Council Committee, Boards and Commission Action	June 12, 2018 - To be reviewed by the Airport Advisory Commission.
Client Department(s)	Aviation.

Additional Backup Information:

The contract will provide replacement parts for airfield lamps, fixtures, and sign panels at Austin-Bergstrom International Airport (ABIA). The replacement parts are used to maintain visual aid of the runway and taxiway systems in order to keep the airport functioning safely and efficiently in accordance with Federal Aviation Administration (FAA) regulations.

In addition to the required spare part replacements, the contract is required for the airfield sign panel replacement project scheduled during the initial term of the contract. The sign panel replacement project is part of ABIA's annual preventative maintenance activities to ensure compliance with FAA regulations. ABIA will replace all sign panels on the airfield, East runway, mid-field taxiway, and West runway.

The current contract expires July 13, 2018. The requested authorization amount was determined using departmental estimates based on historical spend and anticipated future projects.

Contract Detail:

Contract Term	Length of Term	Contract Authorization
Initial Term	3 yrs.	\$3,180,000
Optional Extension 1	1 yr.	\$1,060,000
Optional Extension 2	1 yr.	\$1,060,000
TOTAL	5 yrs.	\$5,300,000

Note: Contract Authorization amounts are based on the City's estimated annual usage.