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**LOUISVILLE REGIONAL AIRPORT AUTHORITY
BOARD MEETING
JANUARY 17, 2018**

The regular meeting of the Board of the Louisville Regional Airport Authority was held on January 17, 2018. Chairman Jim Welch convened the meeting at 3:02 p.m. in the Boardroom of the Louisville Regional Airport Authority, Louisville, Kentucky.

Those in attendance were: Mr. Dale Boden, Mr. Bill Byrley, Ms. Mary Rose Evans, Mayor Greg Fischer, Mr. Earl Jones, Mr. Pat MacDonald, Mr. John A. Moore, and Mr. Jim Welch. Not in attendance: Ms. Nikki Jackson, Mr. Jon Meyer and Ms. Lesa Seibert. Mr. Tom Halbleib attended as counsel to the Board.

Staff Members in attendance were: Ms. Brenda Allen, Mr. Josh Ball, Ms. Dodie Caulk, Ms. Natalie Chaudoin, Mr. Dwight Clayton, Mr. Sean Guihan, Ms. Noel Jolly, Ms. Heather McClure, Mr. Skip Miller, Mr. Steve Petty, Ms. Antissa Riley, Ms. Karen Scott, Mr. Brian Sinnwell, Mr. Adam Thomas, Mr. Tom Tyra, and Mr. Darrell Watson.

Also in attendance: Mr. Bobby Campbell, Mr. Clair Nichols, Mr. Patrick Osborne, Ms. Julie Taylor, and Ms. Mary Ellen Wiederwohl.

CONSIDERATION OF MINUTES

The minutes of the board meeting held November 15, 2017 were reviewed and, upon motion duly made and seconded, unanimously approved.

MARKETING REPORT

Mr. Tom Tyra presented the Marketing Report. The Air Service Report for the month ending January 31, 2018 shows 70 daily flights, which is a decrease of two flights and 201 daily seats from last month and the same number of flights and a decrease of two daily seats from the same period last year.

Mr. Tyra announced that Allegiant Air will add capacity to a number of existing markets beginning the week of February 12, 2018. Allegiant Air will increase from two to three weekly flights in the Fort Lauderdale, Fort Myers/Punta Gorda and Tampa/St. Petersburg markets, and from two to four weekly flights in the Orlando/Sanford market. On May 17, 2018, seasonal service will return to Savannah, GA with two weekly flights, and Destin, FL with three weekly flights, and seasonal service to Phoenix, AZ will go on hiatus until fall.

Additionally, on April 9, 2018, American Airlines will add two flights to New York/LaGuardia and upgrade one flight to New York/La Guardia to larger aircraft.

Mr. Tyra explained Frontier Airlines will begin nonstop service to Denver, CO on May 7, 2018. The flight will operate four times weekly (Monday, Wednesday, Friday and Saturday) using 180-seat Airbus 320 aircraft.

Finally, on June 7, 2018, United Airlines will add a second daily flight to Washington-Dulles using 50-seat CRJ equipment; will add a fourth daily flight and upgrade two existing flights from 50-seaters to 70-seaters in the Houston market; and will add a sixth daily flight and upgrade three flights from 50 to 70-seat aircraft in the Chicago market. Overall, this change represents a 36% increase in seats for the airline over its current schedule.

Following the air service report, Chairman Welch noted that Kentucky Economic Development Secretary Gill recently had discussed with the Board the Commonwealth's support for the Louisville Regional Airlift Development, Inc. (LRAD) air service initiative and asked what the Authority could do to support the initiative. Mr. Welch noted that the FAA prohibits the use of airport revenues for LRAD's minimum revenue guaranty program but added that, under certain terms and conditions, Louisville Renaissance Zone Corporation (LRZC) surplus revenues could be used for this purpose. He indicated that the LRZC Board may be asked to consider providing economic support to LRAD at an upcoming meeting and asked that Board members be prepared to discuss the topic. Mr. Jones suggested the LRZC ensure that LRAD has a well-defined understanding of the LRZC's expectations.

FINANCIAL REPORT

Ms. Dodie Caulk presented the financial report for the month ending December 31, 2017. Operating revenues for the month of November 2017 were on budget and fiscal year-to-date operating revenues exceeded their budgeted levels. The operating revenues for the month were \$5,304,909 which is 0.1% above budget, and year-to-date operating revenues for FY 18 were \$34,082,303 which is 4.0% above the budgeted amount. Revenues derived from landing fees, terminal rents and ground transportation continue to exceed year-to-date budget expectations.

Operating expenses for December 2017 were \$3,141,353 which was 0.5% below budget and fiscal year-to-date operating expenses were \$17,566,278 which was 7.4% below budget. Expenses related to consulting and professional fees, salary allocations to capital projects and contract services all fell below their budgeted levels.

CONSTRUCTION REPORT

Mr. Brian Sinnwell presented the construction report.

At Louisville International Airport, for the Terminal Enhancement Project, coordination continues regarding the design and fabrication of the terminal airside rotunda art piece. The Northwest Quadrant Duct Bank Relocation Project to relocate electric and communication duct banks from the interior of the Northwest Quadrant Area west of Taxiway "A" north is substantially complete with a few punch list items remaining.

At Bowman Field, work is under way to trim or remove trees that penetrate critical approach surfaces to Runways 06, 15 and 33. The work includes trimming or removal of trees of varying diameter per the owner's direction, recycling of organic waste and restoration of the sites. Work is currently underway on Seneca Golf Course. For the Airport Area Safety Program (Landscape and Plantings) Project, work is temporarily suspended. When weather allows, Bowling Nursery

will continue to install trees and landscaping as part of the Phase 2 restoration and obstruction mitigation project. For the Bowman Field Administration Building Improvements Project, work to replace the undersized storm water drainage system is complete; the new grease trap for the restaurant is operational; and, new basement access stairways are complete along with concrete sidewalk, accessible ramp and railing work. The project is substantially complete.

Mr. Sinnwell reported on the Relocation Program. Under the environmental survey, asbestos sampling and demolition contracts no new structures were addressed.

For the Residential Sound Insulation Program, the Noise Exposure Map Update was accepted by the Federal Aviation Administration on November 9, 2017. For the Sound Insulation Program, acoustical testing was conducted on 24 University of Louisville Belknap Campus buildings. Two buildings have an overall interior noise level above 45dB and are eligible for treatment of the entire structure. There are six additional buildings that have rooms which exceed the 45 dB criteria on an individual basis but do not qualify for full treatment of the entire structure. Phase II of the project which includes an Environmental Assessment (EA) and design work for noise mitigation measures, is underway. The draft EA was completed and sent to FAA for review.

BOARD CONSENT ITEMS

1. Appointment of Safety and Security Officer — Approval

At its January 14, 1998 meeting, the Board established a Department of Safety and Security (now known as Department of Public Safety) and assigned responsibility for the Department to the Authority's Director of Safety and Security (now known as Director of Public Safety). The Director of Public Safety has reviewed the qualifications of the person listed below and he has concluded that he satisfies the qualifications set forth in the Board's January 14, 1998 (as amended November 18, 1998) resolution and recommends the appointment of Chris Ashby as airport Safety and Security Officer.

Ms. Scott recommended the Board appoint above-named person as airport Safety and Security Officer, to serve at the pleasure of the Board until such time as the Director of Public Safety shall terminate the appointment; and authorize and direct the Authority's Director of Public Safety to administer the Oath of Office. On motion duly made and seconded, the Board approved Ms. Scott's recommendation.

2. Wehr Constructors, Inc. — Terminal Enhancement and Remodeling Program Phase 1 — Change Order No. 4 — Louisville International — Approval

At the November 15, 2017 board meeting, the Airport Authority approved an amendment to increase the Terminal Enhancement Project and Capital Budget for the project. This Change Order No. 4 includes two of the work elements approved. Specifically, this change order authorizes a budget increase for the previously approved rotunda art sculpture piece in the amount of \$50,000, and authorizes an additional \$100,000 for the procurement and installation of additional electronic charging stations. The total increase to the contract with Wehr Constructors, Inc. for these two items is \$150,000.

Ms. Scott recommended that the Board approve Change Order No. 4 to the contract for “Terminal Enhancement and Remodeling Program, Phase 1” with Wehr Constructors, Inc. of Louisville, KY in the amount of \$150,000 resulting in a revised total contract price of \$8,831,049.64, and authorize the Interim Executive Director to execute the necessary contract documents subject to review and approval by counsel as to legality of form and content. On motion duly made and seconded, the Board approved Ms. Scott’s recommendation.

BOARD ACTION ITEMS

3. Northwest Quadrant Telecommunications Duct Bank Installation and Manhole Structures — Louisville International — Approval

The Northwest Quadrant Telecommunications Duct Bank Installation and Manhole Structures project consists of installation of approximately 1,435 linear feet of concrete encased 4” – 6 way telecommunications duct bank and the construction of reinforced concrete structures over two existing AT&T manholes. Add Alternates “A” and “B” have been included into the project to cover an additional manhole structure and 990 linear feet of 4” – 6 way telecommunications duct bank, respectively. The project was advertised in *The Courier-Journal* and the on *Louisville Defender* and was posted with the Tri-State Minority Supplier Development Council and on the Airport Authority’s website. Six bids were received and the lowest, most responsive bidder was E-Z Construction of Louisville, Kentucky with a unit price base bid of \$293,600 and Additive Alternates “A” and “B” unit price bids of \$25,405 and \$102,940, respectively for a total unit price bid of \$421,945. Authority staff and the airport consultant, Stantec, have reviewed the bid documents submitted by E-Z Construction, have verified the bid to be responsive and are recommending the award. This project is being fully funded through a State of Kentucky grant administered through the Transportation Cabinet.

Therefore, Ms. Scott recommended the Board award the contract for Northwest Quadrant Telecommunications Duct Bank Installation and Manhole Structures to E-Z Construction from Louisville, Kentucky including the Base Bid and Add Alternates “A” and “B” in accordance with the unit prices set forth in the bid for a total not-to-exceed contract amount of \$421,945; and, authorize the Interim Executive Director to execute the necessary contract documents subject to review and approval by counsel as to legality of form and content. On motion duly made and seconded, the Board approved Ms. Scott’s recommendation.

4. Terminal Use and Lease Agreement with Mesa Airlines, Inc. — Louisville International — Approval

In order for an airline operating at Louisville International Airport to meet the definition of a Signatory Airline, the airline must: (i) execute an Airfield Use Agreement, (ii) enter into a Terminal Use and Lease Agreement directly or through a partial assignment from another Signatory Airline to lease at least 500 sq.ft. of exclusive use space in the terminal, or lease or sublease at least five acres or enter into a “through the fence” agreement with the Authority. American Airlines, Inc. (“American”) assigned 516 square feet of Exclusive Use enclosed operations space in the Airside Terminal Building Area to Mesa Airlines, Inc. (“Mesa”), effective March 1, 2016. By Mesa executing the Partial Assignment, Assumption and Airport

Consent and by executing an Airfield Use Agreement, effective March 1, 2016, Mesa qualifies as a Signatory Airline. Subsequently, Mesa has expressed a desire to directly lease 1,171 square feet of Exclusive Use enclosed operations space in the boarding level of Concourse A to facilitate the opening of Mesa's fifth crew domicile within their network. The terms, conditions and rate-making methodology of this Terminal Use and Lease Agreement with Mesa will be the same as the Board approved for all Signatory Airlines in May 2015. The expiration of the Terminal Use and Lease Agreement will be June 30, 2021.

Ms. Scott recommended the Board approve the Terminal Use and Lease Use Agreement with Mesa Airlines, Inc.; and authorize the Interim Executive Director to execute the Terminal Use and Lease Agreement subject to review and approval by counsel as to legality of form and content. On motion duly made and seconded, the Board approved Ms. Scott's recommendation.

5. Banking Facility and ATM — Louisville International — Agreement Award

The Authority and Fifth Third Bank currently have a five-year agreement for the right to operate a Banking Facility and two ATM's at Louisville International Airport. The agreement expires March 31, 2018. In anticipation of the expiration of the agreement, the Authority recently solicited proposals for the concession. Terms of the proposal documents are as follows: (i) a term of five years, (ii) a minimum monthly rent of \$2,000.00, and (iii) the greater of \$1,000.00 per month per ATM location or 25% of the ATM surcharge income. After calculating an Airport Concession Disadvantaged Business Enterprise (ACDBE) goal in accordance with federal regulations, the market revealed no certified ACDBE firms existed, and it was determined that no goal be established for this specific concession agreement.

Advertisements were placed with *The Courier-Journal*, *Louisville Defender*, Airport Minority Advisory Council, TriState Minority Supplier Development Council, airport industry publications and on the Authority's website. Additionally, invitations to submit proposals were mailed directly to numerous banking and financial institutions and the certified vendor list of the Louisville Metro Human Relations Commission. The Authority conducted a pre-proposal meeting that was attended by one banking institution and three other companies. The Authority received one proposal, which was from Fifth Third Bank. The proposal submitted by Fifth Third Bank proposed (i) a term of five years, (ii) a monthly rent of \$3,083.33, and (iii) 25% of the ATM surcharge income.

The Fifth-Third Bank proposal exceeded our stated minimum for rent by \$13,000 annually but did not meet our \$1,000 minimum monthly revenue requirement for each of the two ATMs, instead offering only 25% of the ATM revenues. We contacted the Bank and asked whether it would be willing to enter into an agreement including our \$1,000 per ATM minimum monthly revenue requirement, provided that during periods when ATM percentage revenues are less than the minimum monthly revenue requirement, the Bank would be allowed to offset the difference against its rent, but only to the extent that doing so would not result in a rental amount less than our required minimum rent. For example, if ATM percentage revenues for a particular month fell \$500 short of the minimum requirement, Fifth Third Bank would pay the minimum requirement but receive a \$500 credit against that month's rent. If, however, ATM percentage revenues for a particular month fell more than \$1,083.33 short of the minimum requirement,

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Fifth Third Bank's credit against rent would be limited to the \$1,083.33, so that the Authority would still receive the \$2,000.00 per month minimum rent the Authority specified in its request for proposals. Fifth Third Bank has indicated that it would agree to this arrangement.

Ms. Scott recommended the Board award the Banking Facility and ATM Agreement to Fifth Third Bank at its proposed rental structure for a term of five years commencing April 1, 2018; and authorize the Interim Executive Director to execute the necessary contract documents subject to review and approval by counsel as to legality of form and content. On motion duly made and seconded, the Board approved Ms. Scott's recommendation.

6. Atkins — Task Order No. 3 — Louisville International — Approval

On July 19, 2017, the Board approved the award of a master contract with Atkins as the Airport Authority's Airport Improvement Program (AIP) consultant for a three year period with an option for an additional two year term. The contract requires Board approval for each Task Order. Task Order No. 3 authorizes Atkins to provide engineering design services associated with replacing approximately five thousand linear feet of an over twenty-two year old airport perimeter security fence along the southeast side of Louisville International Airport. The project also addresses ongoing erosion and drainage issues in the same area. Upon completion of a design, a bid for the construction work will be returned to the Board for approval. The not-to-exceed amount of Task Order No. 3 is \$95,000 in accordance with the hourly rates negotiated with Atkins. Passenger Facility Charges (PFC's) will fund 100% of the costs associated with this effort.

Ms. Scott recommended the Board approve Task Order No. 3 to the contract with Atkins in the not-to-exceed amount of \$95,000; and authorize the Interim Executive Director to execute the necessary contract documents subject to review and approval by counsel as to legality of form and content. On motion duly made and seconded, the Board approved Ms. Scott's recommendation.

7. Atkins — Task Order No. 4 — Louisville International — Approval

On July 19, 2017, the Board approved the award of a master contract with Atkins as the Airport Authority's Airport Improvement Program (AIP) consultant for a three year period with an option for an additional two year term. The contract requires Board approval for each Task Order. Task Order No. 4 authorizes Atkins to provide engineering design services associated with resealing approximately 20,000 linear feet of deteriorating concrete expansion and contraction joints on the terminal apron at the Louisville International Airport. Upon completion of a design, a bid for the construction work will be returned to the Board for approval. The not-to-exceed amount of Task Order No. 4 is \$30,000 in accordance with the hourly rates negotiated with Atkins. Passenger Facility Charges (PFC's) will fund 100% of the costs associated with this effort.

Ms. Scott recommended the Board approve Task Order No. 4 to the contract with Atkins in the not-to-exceed amount of \$30,000; and authorize the Interim Executive Director to execute the necessary contract documents subject to review and approval by counsel as to legality of form

and content. On motion duly made and seconded, the Board approved Ms. Scott's recommendation.

8. Resolution to Enter Cooperative Interlocal Agreement between the Authority and Jefferson County Sheriff — Louisville International and Bowman Field — Approval

The Authority has established a Department of Public Safety pursuant to KRS 183.880, *et. seq.*, in order to preserve the peace and maintain the order necessary to conduct its mission. By law, jurisdiction for the Authority's Public Safety Officers is limited to properties owned by the Authority. The Jefferson County Sheriff has jurisdiction throughout all of Jefferson County. There are instances during which an individual suspected of committing a crime on Airport property travels outside the Airport perimeter in an attempt to evade arrest. The Jefferson County Sheriff is willing to confer jurisdiction to the Authority's Public Safety Officers when, in the performance of their duties, it becomes necessary to travel beyond the airport boundaries. This will remove the ability of suspects to challenge arrests by our Public Safety Officers on the basis of a lack of territorial jurisdiction. State law, namely KRS 65.240, KRS 65.255, KRS 65.290 and KRS 183.132 permits agencies such as the Authority and the Jefferson County Sheriff to enter into an Interlocal Agreement to address these territorial jurisdiction issues. Upon approval of a Resolution by the Board, the agreement may be signed by the Executive Director and the Sheriff, after which it will be submitted to the Kentucky Attorney General for approval. If the Attorney General approves or if the Attorney General fails to disapprove within 60 days of submission, the Agreement would be filed with the Jefferson County Clerk and the Secretary of State, after which it would become effective. Under the terms of the agreement, the Jefferson County Sheriff may suspend his permission at any time upon written notice and either party may terminate this agreement with 90 days' notice to the other party. Authority staff has reviewed the Agreement and is recommending entry of the Resolution authorizing the Interim Executive Director's signature on the Agreement.

Ms. Scott recommended the Board adopt and approve the Resolution (copy attached) authorizing the Cooperative Interlocal Agreement between the Authority and the Jefferson County Sheriff; and authorize the Authority's Interim Executive Director to execute the necessary documents subject to approval by legal counsel as to legality of form and content. On motion duly made and seconded, the Board approved Ms. Scott's recommendation.

9. Five-Year Capital Improvement Plan — Louisville International and Bowman Field — Approval

Authority staff have completed the annual update of the five-year Capital Improvement Plan (2019-2023) that estimates capital spending for Louisville International Airport (SDF) and Bowman Field (LOU) for the next five (5) fiscal years. The total estimated spending for the five year period is estimated at \$311 million (\$280 million – SDF, \$31 million – LOU). The major projects at Louisville International Airport include reconstruction of airfield pavements, updating the airfield lighting and electrical system, construction of aircraft apron, modernization of the taxiway network, updating the landside terminal electrical system and continuation of the sound insulation program focusing on treatment of eligible facilities on the University of Louisville Campus. Bowman Field improvements include the continuation of an obstruction removal and

mitigation project, updating airfield lighting equipment, replacing airfield signage and renovations to the administration building. The plan is organized by fiscal year and funding eligibility. The estimated total funding levels for both facilities are as follows: FAA (\$176 million), PFC (\$53 million) and LRAA (\$82 million). All projects are subject to the availability of funding and annual budget authorization.

Ms. Scott recommended the Board approve the Capital Improvement Plan (2019-2023) (copy attached) as presented and authorize the Interim Executive Director to distribute copies to the appropriate FAA and State and Local officials. On motion duly made and seconded, the Board approved Ms. Scott's recommendation.

EXECUTIVE DIRECTOR'S REPORT

Mr. Miller informed the Board the Authority had received a thank you letter from Mr. Brendan Canavan, President UPS Airlines for its outstanding support during UPS 2017 Peak Operations. The letter reads as follows:

UPS Airlines would like to thank the Louisville Regional Airport Authority (LRAA) for their outstanding support during UPS 2017 Peak Operations.

When UPS Founder Jim Casey said, "We need people who can do what has never been done before," he was talking about all the team players it takes to execute operations like UPS had this year. With no exception, this includes our partners at the LRAA.

This year was the first time during peak operations, we utilized multiple UPS-owned B747-8 aircraft! This, and the successful operations, could not have been done without the outstanding preparation and daily support of the LRAA, including Deputy Executive Director & Chief Operating Officer Steve Petty, Operations Manager Suzanne Kimmons, Director of Maintenance Tim Haizlip, and all their dedicated staff, who all played a big part of UPS's success this Peak season.

You know how important Peak is for UPS and at UPS Airlines, we want you to know that we sincerely appreciate the Louisville Regional Airport Authority's hard work and dedication, which was truly reflected in the success of UPS Peak 2017 operations.

Mr. Miller reported to the Board that the flooring in the Terminal has been selected as a finalist for the 2018 National Terrazzo and Mosaic Association Honor Award. The Terminal flooring which was completed by Rosa Mosaic and Tile Company as part of the Terminal Enhancement Project, is competing against entries from across the country. The winner will be announced later this month.

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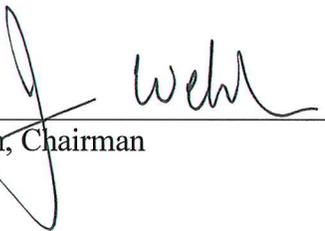
Mr. Miller informed the Board that he and Ms. Scott attended the Kentucky Economic Development Finance Authority (KEDFA) Board meeting on December 7, 2017 in Frankfort and that Project #2 for the LRZC TIF was approved.

OTHER BUSINESS

Following the Executive Director's report, Chairman Welch informed the Board he had one additional item: to seek the Board's approval for the hiring of a new Executive Director for the Authority. Chairman Welch sent all Board members a letter on January 14, 2018 outlining the terms of the offer. He thanked Vice Chairman Mary Rose Evans, Board members Dale Boden, Nikki Jackson, Secretary/Treasurer Lesa Seibert and Tom Foote from UPS for serving on the search panel. He explained the national search was a very comprehensive and thorough process screening a broad array of potential candidates, and he is please to propose the hiring of Mr. Dan Mann, A.A.E., Executive Director of Columbia Metropolitan Airport in Columbia, SC for his proven track record of accomplishment in areas such as air service development, customer and stakeholder relations, and airport and airport-related business and infrastructure growth. Personally, he is a compelling leader with a record of building very strong, diverse and high performing teams. He is entrepreneurial, a problem solver and above all else forthright and a person of high integrity.

Chairman Welch recommended the Board approve the hiring of Dan Mann, A.A.E. as the next Executive Director of the Authority under the compensation terms and conditions outlined in the letter distributed to the Board on January 14, 2018. On motion duly made and seconded, the Board approved Mr. Welch's recommendation.

There being no further business, the meeting adjourned at 4:10 p.m.



Jim Welch, Chairman



C. T. "Skip" Miller, Assistant Secretary

RESOLUTION OF THE LOUISVILLE REGIONAL AIRPORT AUTHORITY (THE "AUTHORITY") APPROVING ENTRY OF A COOPERATIVE INTERLOCAL AGREEMENT WITH THE SHERIFF OF JEFFERSON COUNTY, KENTUCKY REGARDING TERRITORIAL JURISDICTION OF THE AUTHORITY'S LAW ENFORCEMENT OFFICERS

WHEREAS, the Airport Authority has established a department of public safety pursuant to KRS 183.880, et. seq. , in order to preserve the peace and maintain the order necessary to conduct its mission; and,

WHEREAS the authority of the Sheriff of Jefferson County, Kentucky being established and empowered pursuant to KRS Chapter 70 and all other applicable law; and,

WHEREAS to assure that its sworn law enforcement officers shall have full lawful authority to exercise law enforcement powers on and between the various properties owned and operated by the Airport Authority and to assure that exercise of law enforcement powers by its officers shall not be subject to challenge on the basis of lack of territorial jurisdiction, and it appearing to the Sheriff that the security of the community as a whole will be enhanced hereby; and,

WHEREAS, the parties being authorized by KRS 65.240 to enter into an agreement whereby the territorial jurisdiction of the Airport Authority officers may be expanded; and,

WHEREAS, pursuant to KRS 65.240, KRS 65.255, KRS 65.290 and KRS 183.132 and all applicable authority, the parties may enter into a Cooperative Interlocal Agreement upon the the Resolution of the Board of Directors of the Airport Authority authorizing entry of the agreement, submission to the Attorney General of the Commonwealth, filing with the Jefferson County Clerk and the Secretary of State;

NOW, THEREFORE, the Louisville Regional Airport Authority Board of Directors resolves as follows, upon motion duly made and carried: THAT the Executive Director of the Airport Authority is hereby authorized to enter that certain Cooperative Interlocal Agreement with the Jefferson County Sheriff, the terms of which are limited to the agreement attached hereto, but which confers upon sworn law enforcement officers of the Airport Authority's Department of Public Safety, law enforcement jurisdiction throughout the geographical area of Jefferson County, Kentucky. These powers shall include the full power of arrest and all powers of the Airport Authority's officers possess upon real property owned or occupied by the Airport Authority. The authority conferred upon the Airport Authority's law enforcement shall be limited to periods when they are on duty and in the performance of their official duties on behalf of the Airport Authority.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Corporate Seal
of this Authority this 17th Day of January 2018.

Seal

Authorizing Signature

Title: _____

2019 - 2023 Capital Improvement Program

**Louisville International Airport (SDF)
Bowman Field (LOU)**

January 12, 2018



Louisville
AIRPORT AUTHORITY

Louisville Regional Airport Authority
 2019-2023 Long Range Capital Improvement Program
 Capital Spending Summary



Louisville International Airport (SDF)

	Federal Share	State Share	LRAA Share	PFC/CCF Share	Total
FY 2019	\$20,835,000	\$0	\$12,006,000	\$5,650,000	\$38,491,000
FY 2020	\$23,202,000	\$0	\$11,860,000	\$7,227,000	\$42,289,000
FY 2021	\$32,697,000	\$0	\$13,268,000	\$11,540,000	\$57,505,000
FY 2022	\$42,327,000	\$0	\$13,838,000	\$13,150,000	\$69,315,000
FY 2023	\$39,330,000	\$0	\$18,040,000	\$15,450,000	\$72,820,000
Sub-Total: (SDF)	\$158,391,000	\$0	\$69,012,000	\$53,017,000	\$280,420,000



Bowman Field (LOU)

	Federal Share	State Share	LRAA Share	PFC/CCF Share	Total
FY 2019	\$1,170,000	\$0	\$3,035,000	\$0	\$4,205,000
FY 2020	\$2,565,000	\$0	\$2,410,000	\$0	\$4,975,000
FY 2021	\$6,030,000	\$0	\$3,700,000	\$0	\$9,730,000
FY 2022	\$3,600,000	\$0	\$2,325,000	\$0	\$5,925,000
FY 2023	\$3,915,000	\$0	\$1,960,000	\$0	\$5,875,000
Sub-Total: (LOU)	\$17,280,000	\$0	\$13,430,000	\$0	\$30,710,000

Total Capital Spending 2019-2023

	\$175,671,000	\$0	\$82,442,000	\$53,017,000	\$311,130,000
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Louisville Regional Airport Authority - Capital Improvement Program



Code*	PROJECT	PROJECT DESCRIPTION	FUNDING SOURCES						TOTAL COST	
			Federal Discretionary	Federal Entitlement	Part 150 Relocation	Part 150 Sound Insul.	State	FFCs/CCFs		IRRA
Louisville International Airport (SDF) - 2019										
C	Construct Taxiway 'R' and Apron, Phase 1	Construction of a New Taxiway from Tw G to Tw K, Phase 1 - Design	\$ -	\$ 1,620,000	\$ -	\$ -	\$ -	\$ -	\$ 180,000	\$ 1,800,000
C	Rehabilitate Runway & Taxiway Shoulders	Rehabilitate Selected Runway & Taxiway Shoulders (Design & Construction)	\$ -	\$ 2,025,000	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ 2,250,000
C	Prepare Airport Layout Plan Update	Update Airport Layout Plan (Pen & Ink Changes)	\$ -	\$ 270,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 300,000
C	Reconstruct Airfield Pavement	Replace Airfield Pavement identified in Pavement Management Program (Design & Construction)	\$ -	\$ 4,500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 5,000,000
C	Update Airfield Electrical System & ALCS	Replace Runway & Taxiway Lighting Fixtures, Cable and Signs & Update Electrical Vault Equipment/ALCS (Design & Construction)	\$ -	\$ 3,825,000	\$ -	\$ -	\$ -	\$ -	\$ 425,000	\$ 4,250,000
C	Reconstruct Storm Water Pipe System	Reconstruction of Identified Failures in Storm Water Distribution System (Design & Construction)	\$ -	\$ 270,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 300,000
C	Rehabilitate Terminal Apron Drainage System		\$ -	\$ 2,700,000	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 3,000,000
C	Continue Sound Insulation Program - West	Sound Insulation of Facilities - University of Louisville Campus (Design & Construction)	\$ -	\$ -	\$ -	\$ 4,500,000	\$ -	\$ -	\$ 500,000	\$ 5,000,000
C	Continue Sound Insulation Program - Residential	Mitigation of Noise Impacted Areas (Design & Construction)	\$ -	\$ -	\$ -	\$ 900,000	\$ -	\$ -	\$ 100,000	\$ 1,000,000
C	Replace Perimeter Security Fence	Replace Airport Perimeter Security Fence (Design & Construction)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ -	\$ 750,000
C	Upgrade Terminal Electrical Systems, Phase II	Replace Terminal Electrical Infrastructure (Design & Construction)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,400,000	\$ 600,000	\$ 2,000,000
C	Reconfigure Rental Car Exit Lanes and Improve Quick Turn-a-Round Drainage/Wash Facility Exit	Reconfigure Rental Car Exit Lanes with Secure Exits, QTA Wash Facility Improvements (Design & Construction)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ 1,000,000
C	Rehabilitation of Parking Operations Structures & Facilities	Rehabilitation of Parking Structure and Associated Facilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000
C	Renovate Airport Operations Center	Renovate AOC/Firehouse (Paint, Carpet, Kitchen)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
C	Reconfigure Lower Level Terminal Access Roads	Reconfigure Terminal Access Roads (Transportation Network Companies Staging Areas)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 450,000
C	Reconfigure Gate 'W' Access Control Point	Reconfigure Gate Access, New Shelter, Construct Exit Lane, Restroom	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 450,000
C	Construct Tenant Related Modifications	Miscellaneous Improvements Requested by Various Tenants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
2019 SUB-TOTAL CAPITAL PROJECTS (SDF)			\$ -	\$ 15,210,000	\$ -	\$ 5,400,000	\$ -	\$ 3,150,000	\$ 4,540,000	\$ 28,300,000

Louisville Regional Airport Authority - Capital Improvement Program



Code*	PROJECT	PROJECT DESCRIPTION	FUNDING SOURCES							TOTAL COST	
			Federal Discretionary	Federal Entitlement	Part 150 Relocation	Part 150 Sound Insnl.	State	FFCs/GCF's	LRRA		
CE	Acquire PSO Gear	Annual Replacement of Gear	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ 50,000
CE	Upgrade Terminal Passenger Transportation	Phased Upgrade of Elevators, Escalators & Moving Walkways in Terminal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000
CE	Purchase Geographic Information System (GIS) Updates	Update Hardware, Software & Field Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 125,000
CE	Oracle Updates & Upgrades	Purchase & Install Necessary Software Modules for Oracle	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
CE	Relocate Perimeter Road SIDA Gate	Relocation of East Perimeter Road SIDA Access Control Gate	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
CE	Install LED Light Fixtures- Surface Lot / Terminal Ramp/ Landside Cargo / Parking	Replace high mast pole lights with LED Technology	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 450,000
CE	Replace Access Control System, Phase 2	Replace Security Access System, Phase 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000
CE	Replace Passenger Boarding Bridges	Phased Replacement of Passenger Boarding Bridges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000
CE	Purchase Taxi Dispatch System, Phase 2	Purchase Taxi-Tracker System, Phase 2 - Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
CE	Replace Terminal Furniture	Annual Purchase of Replacement Furniture at Terminal Gates/Waiting Areas	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
CE	Update Revenue Control Equip. -Parking, Phase 1	Update Revenue Control Equipment - Parking Operations, Phase 1 - Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
CE	Purchase Equipment	Replace Asset #900, 1999 Ford F350 Service Truck (Maintenance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000	\$ 70,000
CE	Purchase Equipment	Replace Asset #1088, 2005 Chevy Tahoe (Engineering)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000
CE	Purchase Equipment	Replace Asset #3346, 2008 F-150 Super Crew (Public Safety, Canine)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
CE	Purchase Equipment	Replace Asset #1058, 2004 F-350 Super Cab (Field Maintenance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000
CE	Purchase Equipment	Replace Asset #1083, 2005 Ford F-350 Super Cab (Field Maintenance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000
CE	Purchase Equipment	Replace Asset #1125, 2007 Ford F-250 Crew Cab 4x2 (Field Maintenance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000
CE	Purchase Equipment	Replace Asset #1096, 2005 Ford E-150 with Utility Body Truck (Computer Services)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000	\$ 70,000
CE	Purchase Equipment	Replace Asset #1095, 2005 Ford E-150 with Full Sized SUV(Computer Services)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 38,000	\$ 38,000
CE	Purchase Equipment	Purchase New High Lift Boom Vehicle (80')	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
CE	Purchase Equipment	Replace Asset #753, 1995 Ford F-150 (Vehicle Maintenance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,000	\$ 28,000
CE	Purchase Safety Equipment (CFME)	Purchase Continuous Friction Monitoring Equipment (Operations)	\$ -	\$ 180,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
CE	Purchase Construction Equipment	Replace Asset #894, 1996 Ford F575E Backhoe (Maintenance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000

Louisville Regional Airport Authority - Capital Improvement Program



Code*	PROJECT DESCRIPTION	FUNDING SOURCES						TOTAL COST
		Federal Discretionary	Federal Entitlement	Part 150 Relocation	Part 150 Sound Insnl.	State	PFC's/CCF's	
	2019 SUB-TOTAL CAPITAL EQUIPMENT (SDF)	\$ -	\$ 225,000	\$ -	\$ -	\$ -	\$ 2,500,000	\$ 2,616,000
	SUMMARY C & CE SUB-TOTAL		\$20,835,000			\$0	\$14,076,000	

*C- Capital Projects, CE- Capital Equipment, MM- Major Maintenance Projects

Louisville Regional Airport Authority - Capital Improvement Program



Code*	PROJECT	PROJECT DESCRIPTION	FUNDING SOURCES						TOTAL COST	
			Federal Discretionary	Federal Entitlement	Part 150 Relocation	Part 150 Sound Insl.	State	PFC's/CCF's		LRMA
Louisville International Airport (SDF) - 2019										
MM	Annual Maintenance of Roadways & Bridges	Annual Maintenance and Repair of Terminal Roadways & Bridges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 325,000	\$ 325,000
MM	Conduct HVAC Assessment - Airside Terminal	Complete Assessment of Airside HVAC System	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
MM	Replace HVAC System - Maintenance Building	Replace Complete HVAC System	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ 350,000
MM	Install Emergency Power - Maintenance Building	Installation of Emergency Power Generator at Maintenance Facility	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 325,000	\$ 325,000
MM	Replace Sidewalks - Terminal Building	Phased Replacement of Sidewalks - Departures Level, West Side Terminal Building	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 450,000
MM	Refurbish Passenger Boarding Bridges	Refurbish Passenger Boarding Bridges (Drive Systems, Tires & Flooring)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
MM	Repair and Reseal Terminal Rotunda Skylight	Repair Terminal Rotunda Skylight, Main Terminal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 325,000	\$ 325,000
MM	Annual Snow Removal	Annual Snow Removal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
MM	Annual Rubber Removal	Annual Rubber Removal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
MM	Annual R/W & T/W Painting	Annual Runway and Taxiway Painting & Removal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000
MM	Annual Sealcoat of Vehicle Parking Areas (Non-Revenue Areas)	Sealcoat & Crack Seal Asphalt (Landside)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
MM	Annual Sealcoat of Vehicle Parking Areas (Revenue Areas)	Sealcoat & Crack Seal Asphalt (Landside)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000
MM	Survey RW Approaches & Remove Obstructions	Survey Approaches & Clear Trees within Approach / Departure Paths (Aerial Photography- Airports & LRZC)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
MM	Reconstruction of Landside Cargo Dock Area	Reconstruct a Section of Landside Cargo Facility Loading Docks	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 325,000	\$ 325,000
MM	Replace Facility Lighting	Replace Maintenance Building Lighting with LED Fixtures	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
2019 SUB-TOTAL MAJOR MAINTENANCE (SDF)			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,850,000	\$ 4,850,000
2019 TOTAL CAPITAL, CAPITAL EQUIPMENT & MAJOR MAINTENANCE			\$ -	\$ 15,435,000	\$ -	\$ 5,400,000	\$ -	\$ 5,650,000	\$ 12,006,000	\$ 38,491,000
SUMMARY SUB-TOTAL			\$20,835,000	\$0	\$0	\$0	\$0	\$0	\$18,926,000	\$39,761,000

Louisville Regional Airport Authority - Capital Improvement Program



Code*	PROJECT	PROJECT DESCRIPTION	FUNDING SOURCES						TOTAL COST
			Federal Discretionary	Federal Entitlement	Part 150 Relocation	Part 150 Sound Insnl.	State	PFC's/CCF's	
Bowman Field (LOU) - 2019									
C	Purchase Avigation Easements	Bowman Field Airport Area Safety Program	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000
C	Remove Obstructions	Bowman Field Obstruction Removal / Replacement & Landscape Mitigation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000
C	Update Airfield Lighting System Components	Replace Airfield Lighting Components, Regulators & ALCS, Phase I (Design & Construction)	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000
C	Redesignate Airfield Sign Nomenclature	Install New Airfield Signs (Runway Incursion Mitigation Program)	\$ -	\$ 720,000	\$ -	\$ -	\$ -	\$ -	\$ 800,000
C	Replace Airport Perimeter Fence	Replace Security Fencing at Bowman Field (Phase II)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000
C	Rehabilitate Administration Building Exterior & Interior	Rehabilitate Exterior Façade (Brick Pointing, Sealing, Caulking) and Renovate Interior Spaces	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
C	Replace Sanitary Sewer Line	Replacement of Sanitary Sewer Lateral for Central American Airways Bldg.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
C	Rehabilitate Administration Building Parking Lot	Rehab Asphalt Parking Lot, Mill and Resurface	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000
CE	Purchase Replacement Back-Hoe	Replace Asset #296, 1983 Model	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 95,000
CE	Purchase Replacement Pick-Up Truck	Replace Asset #1011, 2001 F350 4x4 Truck	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000
CE	Purchase Replacement Street Sweeper Vehicle	Replace Asset #902, 1999 Model	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000
2019 SUB-TOTAL CAPITAL PROJECTS (LOU)			\$ -	\$ 1,170,000	\$ -	\$ -	\$ -	\$ -	\$ 2,600,000
MM	Annual Sealcoat of Airfield Pavement	Sealcoat & Crack Seal Asphalt (Airside)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000
MM	Annual Sealcoat of Asphalt Pavement	Sealcoat & Crack Seal Asphalt (Landside)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000
MM	Relocate Building Electrical Transformer	Relocate Obsolete Transformer in Administration Building. (LGE Project)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 85,000
2019 SUB-TOTAL MAJOR MAINTENANCE (LOU)			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 435,000
2019 TOTAL CAPITAL, CAPITAL EQUIPMENT & MAJOR MAINTENANCE			\$ -	\$ 1,170,000	\$ -	\$ -	\$ -	\$ -	\$ 3,035,000
SUMMARY TOTAL			\$1,170,000		\$0			\$5,035,000	

Louisville Regional Airport Authority - Capital Improvement Program



Code*	PROJECT	PROJECT DESCRIPTION	FUNDING SOURCES						TOTAL COST	
			Federal Discretionary	Federal Entitlement	Part 150 Relocation	Part 150 Sound Insnl.	State	FFCs/CCF's		IRMA
Louisville International Airport (SDF) - 2020										
C	Reconstruct Airfield Pavement	Replace Airfield Pavement Identified in Pavement Management Program (Design & Construction)	\$ -	\$ 3,600,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 4,000,000
C	Update Airfield Electrical System	Replace Runway & Taxiway Lighting Fixtures, Cable and Signs (Design & Construction)	\$ -	\$ 2,250,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000
C	Construct Taxiway 'R' and Apron, Phase 2	Construct New Taxiway 'R', Phase 2 - Construction	\$ 4,500,000	\$ 4,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 10,000,000
C	Reconstruct Taxiway 'G', Phase 1	Reconstruct Taxiway 'G', Phase 1 - Design	\$ 675,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000
C	Construct Taxiway Connector & Aircraft Apron - Northwest Quadrant of Airfield, Phase 1	Construction of a Connecting Taxiway from Taxiway 'A' to a New Aircraft Apron - Northwest Quadrant, Phase 1 - Design	\$ -	\$ 810,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 900,000
C	Rehabilitate and Expand Vehicle Parking	Rehabilitate and Construct Controlled Access Surface Parking Lot (Cell Lot)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000
C	Rehabilitation of Parking Operations Structures & Facilities	Rehabilitation of Parking Structure and Associated Facilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000
C	Replace Airport Perimeter Security Fence	Replace Sections of Airport Perimeter Security Fence (West)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 567,000	\$ 567,000
C	Update Airport Master Plan	Update to SDF Master Plan	\$ -	\$ 1,215,000	\$ -	\$ -	\$ -	\$ -	\$ 135,000	\$ 1,350,000
C	Redesignate Airfield Sign Nomenclature, Phase 1	Redesignate Airfield Nomenclature - RIM Program, Phase 1 - Design	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 500,000
C	Passenger Terminal Enhancements & Modernization	Passenger Terminal Enhancements & Modernization , Phase 1 - Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 850,000	\$ 850,000
C	Replace Landside Terminal Bag Carousels	Replace Two (2) Bag Carousels, Landside Terminal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,600,000	\$ 1,600,000
C	Improve Passenger Baggage Processing	Rehabilitate/ Refurbish Curbside Baggage Drop Stations/Oversized Baggage Claim Operation - Main Terminal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
C	Continue Part 150 Sound Insulation	Sound insulate facilities identified within the University of Louisville Campus (Construction Phase), Residential Design	\$ -	\$ -	\$ -	\$ 4,500,000	\$ -	\$ -	\$ 500,000	\$ 5,000,000
C	Continue Part 150 Land Acquisition	Acquire Properties in Neighborhoods Affected by Aircraft Noise	\$ -	\$ -	\$ 675,000	\$ -	\$ -	\$ -	\$ 75,000	\$ 750,000
C	Replace Parking Cashier Structures	Remove and Replace Parking Operations Cashier Booths	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000
C	Construct Tenant Related Modifications	Miscellaneous Improvements Requested by Various Tenants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
2020 SUB-TOTAL CAPITAL PROJECTS (SDF)			\$ 5,175,000	\$ 12,825,000	\$ 675,000	\$ 4,500,000	\$ -	\$ 4,777,000	\$ 4,565,000	\$ 32,517,000
CE	Acquire PSO Gear	Annual Replacement of Gear	\$ -	\$ 27,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000
CE	Upgrade Terminal Passenger Transportation	Phased Upgrade of Elevators, Escalators & Moving Walkways in Terminal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
CE	Replace Passenger Boarding Bridges	Phased Replacement of Passenger Boarding Bridges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
CE	Install New Heating, Ventilation, Air Conditioning Unit (HVAC), Phase 1	Install New HVAC System in Airport Terminal Building, Phase 1 - Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000

Louisville Regional Airport Authority - Capital Improvement Program



Code*	PROJECT	PROJECT DESCRIPTION	FUNDING SOURCES							TOTAL COST		
			Federal Discretionary	Federal Entitlement	Part 150 Relocation	Part 150 Sound Insul.	State	FFCs/CCFs	IRMA			
CE	Purchase Equipment	Purchase Emergency Generator - Maintenance Facility	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 185,000	\$ 185,000
CE	Purchase Equipment	Replace Asset #1140, 2007 Interanational Step Van (Field Maintenance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 80,000
CE	Purchase Equipment	Replace Asset #3348, 2008 Ford F-150 (Engineering)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
CE	Purchase Equipment	Replace Asset #1092, 2005 Ford Escape (Engineering)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
CE	Purchase Equipment	Replace Asset #1126, 2007 Ford F-250 Crew Cab (4x2)(Field Maintenance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
CE	Purchase Equipment	Replace Asset #1127, 2007 Ford F-250 Crew Cab (4x4)(Landscape)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 31,000	\$ 31,000
CE	Purchase Equipment	Replace Asset #3334, 2008 Ford F-250 Utility Body (Electrical Maintenance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 73,000	\$ 73,000
CE	Purchase Equipment	Replace Asset #3334, 2007 Ford E-150 with Utility Body Truck(Computer Services)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000	\$ 70,000
CE	Purchase Equipment	Replace Asset #761, 1996 F-150 (4x2) (Vehicle Maintenance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,000	\$ 28,000
CE	Purchase Equipment	Replace Asset #843, 1997 GMC Wrecker Truck (Maintenance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 85,000	\$ 85,000
CE	Purchase Maintenance Equipment	Purchase Airfield Paint Truck (Maintenance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000
CE	Purchase Maintenance Equipment	Purchase Paint/Rubber Removal Equipment (Maintenance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700,000	\$ 700,000
CE	Install Liquid Storage Tanks	Installation of Storage Tanks for Liquid Anti & De-Icing Materials	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000
CE	Replace Terminal Furniture	Purchase Replacement Furniture at Terminal Gates/Waiting Areas	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
CE	Refurbish Airline Waste Dump Station	Refurbish and Expand Airline Waste Dump Station	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 50,000	\$ 500,000
CE	Update Revenue Control Equip. -Parking, Phase 2	Update Revenue Control Equipment - Parking Operations, Phase 2 - Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 450,000
2020 SUB-TOTAL CAPITAL EQUIPMENT (SDF)			\$ -	\$ 27,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,450,000	\$ 3,095,000	\$ 5,572,000
MM	Annual Maintenance of Roadways & Bridges	Annual Maintenance and Repair of Terminal Roadway & Bridges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
MM	Replace Landside Cargo Facility Roof	Replace Landside Cargo Building Roof	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ 350,000
MM	Annual Snow Removal	Annual Snow Removal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
MM	Annual R/W & T/W Painting	Annual Runway and Taxiway Painting & Removal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000
MM	Annual Rubber Removal	Annual Rubber Removal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
MM	Annual Sealcoat of Airfield Asphalt	Sealcoat & Crack Seal Runway Shoulders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000

Louisville Regional Airport Authority - Capital Improvement Program



Code*	PROJECT	PROJECT DESCRIPTION	FUNDING SOURCES							TOTAL COST	
			Federal Discretionary	Federal Entitlement	Part 150 Relocation	Part 150 Sound Insul.	State	PFC's/CCF's	IRRA		
MM	Annual Rehabilitation of Landside Asphalt Pavement	Rehabilitate Asphalt Pavements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 325,000	\$ 325,000
MM	Annual Sealcoat of Vehicle Parking Areas	Sealcoat & Crack Seal Asphalt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 125,000
MM	Annual Rehabilitation of Airfield Service Roads	Rehabilitation & Repair of Airfield Perimeter Service Roads	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
MM	Install Terminal Roadway Signage	Install Replacement and New Terminal Roadway Signs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 450,000	\$ 450,000
MM	Refurbish Passenger Boarding Bridges	Phased Refurbishment of Passenger Boarding Bridges (Drive Systems, Tires & Flooring)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
MM	Refinish Building Soffit and Replace Lighting	Refinish Lower Level Terminal Building Soffit (Lower Roadway)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 425,000	\$ 425,000
MM	Renovate Administration Building Interior	Renovate Interior Office Spaces	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
MM	Upgrade Office Lighting & Controls - Maintenance	Upgrade Office and Conference Room Lighting & Controls - Maint. Facility	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
MM	Survey Runway Approaches & Remove Obstructions	Survey Approaches & Clear Trees within Approach / Departure Paths	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
2020 SUB-TOTAL MAJOR MAINTENANCE (SDF)			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,200,000	\$ 4,200,000
2020 TOTAL CAPITAL, CAPITAL EQUIPMENT & MAJOR MAINTENANCE			\$ 5,175,000	\$ 12,852,000	\$ 675,000	\$ 4,500,000	\$ -	\$ 7,227,000	\$ -	\$ 11,860,000	\$ 42,289,000
SUMMARY TOTAL			\$23,202,000		\$0			\$19,087,000			

Louisville Regional Airport Authority - Capital Improvement Program



Code*	PROJECT	PROJECT DESCRIPTION	FUNDING SOURCES							TOTAL COST	
			Federal Discretionary	Federal Entitlement	Part 150 Relocation	Part 150 Sound Insul.	State	PFC's/CCF's	LRRA		
Bowman Field (LOU) - 2020											
C	Rehabilitate Airfield Pavement	Rehabilitate Airfield Apron along Taxiway 'H', Remove Asphalt adjacent to ATCT (Design & Construction)	\$ -	\$ 630,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000	\$ 700,000
C	Update Airfield Lighting System Components	Replace Airfield Lighting Components, Regulators & ALCS, Phase 2 (Design & Construction)	\$ -	\$ 720,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 800,000
C	Reconstruct Runway 6-24, Phase 1	Reconstruction of Runway 6-24, Phase 1 - Design	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 500,000
C	Replace Central American Hangar Roof	Complete Replacement of Roof System (Design & Construction)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 475,000	\$ 475,000
C	Conduct Assessment of Building Envelope Failures Bowman Business Center	Conduct Assessment and Design Repairs to Eliminate Infiltration, Condensation, Leaks	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
C	Replace Airport Perimeter Fence	Replace Security Fencing at Bowman Field (Phase III)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ 350,000
C	Purchase Avigation Easements/ Remove Obstructions	Bowman Field Area Safety Program - Obstruction Removal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ 750,000
C	Repair/Renovate Bowman Business Center Restroom Facilities	Renovate Public Restroom Facilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000
C	Construct Tenant Related Projects	Miscellaneous Improvements Requested by Various Tenants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
CE	Replace Airport Beacon	Replace Airport Beacon with new Technology Unit	\$ 270,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 300,000
CE	Install Precision Approach Path Indicator (PAPI)	Install PAPI on Runway 33	\$ 360,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 400,000
2020 SUB-TOTAL CAPITAL PROJECTS (LOU)			\$ 1,080,000	\$ 1,350,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,220,000	\$ 3,950,000
MM	Sealcoat Airport Pavements	Crack Seal and Sealcoat Various Airfield Pavements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
MM	Reconstruct Roadways/Parking Lots	Reconstruct Asphalt Roadways and Parking Areas & Sealcoat	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 125,000
MM	Conduct Storm Sewer Inspection	Conduct Inspection & Mapping of Major Storm Water Conveyance Piping (Airfield)	\$ -	\$ 135,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ 150,000
2020 SUB-TOTAL MAJOR MAINTENANCE (LOU)			\$ -	\$ 135,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 190,000	\$ 325,000
2020 TOTAL CAPITAL, CAPITAL EQUIPMENT & MAJOR MAINTENANCE			\$ 1,080,000	\$ 1,485,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,410,000	\$ 4,975,000
SUMMARY TOTAL										\$0	\$2,410,000

Louisville Regional Airport Authority - Capital Improvement Program



Code*	PROJECT	PROJECT DESCRIPTION	FUNDING SOURCES							TOTAL COST		
			Federal Discretionary	Federal Entitlement	Part 150 Relocation	Part 150 Sound Insul.	State	FFCs/CCFs	IRRA			
Louisville International Airport (SDF) - 2021												
C	Reconstruct Airfield Pavement	Replace Airfield Pavement identified in Pavement Management Program (Design & Construction)	\$ -	\$ 3,600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 4,000,000
C	Update Airfield Electrical System	Replace Runway & Taxiway Lighting Fixtures, Cable and Signs (Design & Construction)	\$ -	\$ 2,700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 3,000,000
C	Construct Taxiway Connector & Aircraft Apron - Northwest Quadrant of Airfield, Phase 2	Construction of a Connecting Taxiway from Taxiway 'A' to a New Aircraft Apron - Northwest Quadrant, Phase - Construction	\$ -	\$ 9,000,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 10,000,000
C	Reconstruct Taxiway "N", Phase 1	Reconstruct Taxiway "N", Phase 1 - Design	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 500,000
C	Reconstruct Taxiway 'C', Phase 2	Reconstruct Taxiway 'C', Phase 2 - Construction	\$ 7,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000	\$ 8,000,000
C	Redesignate Airfield Sign Nomenclature, Phase 2	Redesignate Airfield Nomenclature - RIM Program, Phase 2 - Construction	\$ -	\$ 3,600,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ -	\$ -	\$ 4,000,000
C	Install Secondary Airfield Electrical Vault and Electrical Service, Phase 1	Construct Secondary Airfield Vault & Electrical Service Redundancy Study, Phase 1 - Design	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 500,000
C	Passenger Terminal Enhancements & Modernization	Passenger Terminal Enhancements & Modernization , Phase 2 - Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,000,000	\$ -	\$ 3,000,000	\$ 10,000,000
C	Expand Terminal Apron, Phase 1	Expand Terminal Apron (Central Deicing Apron - East), Phase 1 - Design	\$ -	\$ 360,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ -	\$ 400,000
C	Replace Landside Terminal Bag Carousels	Replace Two (2) Bag Carousels, Landside Terminal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,600,000	\$ -	\$ 1,600,000
C	Construct SRE Storage Facility, Phase 1	Construct SRE Storage Facility, Phase 1 - Design	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 500,000
C	Rehabilitation of Parking Operations Structures & Facilities	Rehabilitation of Parking Structure and Associated Facilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000
C	Construct Airfield Access Point - West	Construction of West Airfield Access Point	\$ -	\$ 360,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 400,000
C	Continue Part 150 Sound Insulation	Sound insulate facilities identified within the University of Louisville Campus (Construction Phase), Residential Construction	\$ -	\$ -	\$ -	\$ 4,500,000	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ 5,000,000
C	Improve Domestic and Fire Protection Water System	Water System Redundancy Study - Design of Redundant Water System- Phase 1- Design	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 325,000	\$ 325,000
C	Construct Tenant Related Modifications	Miscellaneous Improvements Requested by Various Tenants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
2021 SUB-TOTAL CAPITAL PROJECTS (SDF)			\$ 7,650,000	\$ 20,520,000	\$ -	\$ 4,500,000	\$ -	\$ 9,540,000	\$ -	\$ 6,515,000	\$ -	\$ 48,725,000

Louisville Regional Airport Authority - Capital Improvement Program



Code*	PROJECT	PROJECT DESCRIPTION	FUNDING SOURCES							TOTAL COST	
			Federal Discretionary	Federal Entitlement	Part 150 Relocation	Part 150 Sound Insnl.	State	PTC's/CCF's	LRRA		
CE	Acquire PSO Gear	Annual Replacement of Gear	\$ -	\$ 27,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000	\$ 30,000
CE	Replace Passenger Boarding Bridges	Phased Replacement of Passenger Boarding Bridges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000
CE	Upgrade Terminal Passenger Transportation	Phased Upgrade of Elevators, Escalators & Moving Walkways in Terminal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000
CE	Install New Heating, Ventilation, Air Conditioning Unit (HVAC), Phase 2	Install New HVAC System in Airport Terminal Building, Phase 2 - Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,500,000	\$ 2,500,000
CE	Purchase Equipment	Purchase Emergency Generator - Terminal Ramp	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 185,000	\$ 185,000
CE	Purchase Equipment	Replace Asset #3335, 2008 F350 Super Cab (Landscape Maintenance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000
CE	Purchase Equipment	Replace Asset #3338, 2007 F150 Extended Cab (Field Maintenance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
CE	Purchase Equipment	Replace Asset #0008, 2010 Ford E-150 (Computer Services)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ 35,000
CE	Purchase Equipment	Replace Asset #3336, 2007 F-150 (Vehicle Maintenance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
CE	Purchase Equipment	Purchase New Rollback (Equipment & Car Carrier)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
CE	Replace Terminal Furniture	Annual Purchase of Replacement Furniture at Terminal Gates/Waiting Areas	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
CE	Replace Revenue Control Equipment	Replace Parking Garage Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 500,000
CE	Construct Liquid Storage Facility/ Sand Storage	Design and Construct Airfield Potassium Acetate Storage & Sand Facility	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000
2021 SUB-TOTAL CAPITAL EQUIPMENT (SDF)			\$ -	\$ 27,000	\$ -	\$ -	\$ -	\$ 2,000,000	\$ -	\$ 3,773,000	\$ 5,800,000
MM	Annual Maintenance of Roadways & Bridges	Annual Maintenance and Repair of Terminal Circulation Roadways & Bridges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
MM	Replace Roof on Maintenance Building	Replace Roof on Maintenance Facility	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 225,000	\$ 225,000
MM	Annual Snow Removal	Annual Snow Removal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 900,000	\$ 900,000
MM	Refurbish Passenger Boarding Bridges	Phased Refurbishment of Passenger Boarding Bridges (Drive Systems, Tires & Flooring)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
MM	Annual E/W & T/W Painting	Annual Runway and Taxiway painting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 300,000
MM	Annual Rubber Removal	Annual Rubber Removal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
MM	Annual Aircraft Parking Maintenance	Annual Cleaning and Painting of Aircraft Parking Gates	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
MM	Annual Sealcoat of Airfield Asphalt	Sealcoat & Crack Seal Runway Shoulders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
MM	Annual Repair of Airfield Pavement Joints	Repair and Replacement of Airfield Concrete Joints	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000

Louisville Regional Airport Authority - Capital Improvement Program



Code*	PROJECT	PROJECT DESCRIPTION	FUNDING SOURCES							TOTAL COST	
			Federal Discretionary	Federal Entitlement	Part 150 Relocation	Part 150 Sound Insul.	State	PFC's/CCF's	LRRA		
MM	Rehabilitate Airport Parking Surface Lots	Rehabilitate Asphalt Surface Parking Lot	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 525,000	\$ 525,000
MM	Annual Sealcoat of Vehicle Parking Areas	Sealcoat & Crack Seal Asphalt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
MM	Survey Runway Approaches & Remove Obstructions	Survey Approaches & Clear Trees within Approach / Departure Paths	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
2021 SUB-TOTAL MAJOR MAINTENANCE (SDF)			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,980,000	\$ 2,980,000
2021 TOTAL CAPITAL, CAPITAL EQUIPMENT & MAJOR MAINTENANCE			\$ 7,650,000	\$ 20,547,000	\$ -	\$ 4,500,000	\$ -	\$ 11,540,000	\$ 13,268,000	\$ 57,505,000	\$ 57,505,000
SUMMARY TOTAL			\$32,697,000		\$0		\$24,808,000				

Louisville Regional Airport Authority - Capital Improvement Program



Code*	PROJECT	PROJECT DESCRIPTION	FUNDING SOURCES							TOTAL COST		
			Federal Discretionary	Federal Entitlement	Part 150 Relocation	Part 150 Sound Insnl.	State	FFC's/CCF's	IRRA			
Bowman Field (LOU) 2021												
C	Rehabilitate Airfield Pavement	Rehabilitate Airfield Taxiways and Aprons	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 500,000
C	Purchase Avigation Easements/ Remove Obstructions	Bowman Field Area Safety Program - Obstruction Removal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ 750,000
C	Reconstruct Runway 6-24, Phase 2	Reconstruction of Runway 6-24, Phase 2 - Construction	\$ 4,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 5,000,000
C	Construct Taxiway K, Phase 1	Construction Parallel Taxiway 'K', Runway 15-33 (North of Runway 6-24), Phase 1- Design	\$ -	\$ 360,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 400,000
C	Update Airfield Lighting System Components	Replace Airfield Lighting Components, Regulators & ALCS; Phase 3 (Design & Construction)	\$ -	\$ 720,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 800,000
C	Replace Airport Perimeter Fence	Replace Security Fencing at Bowman Field (Phase IV)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000
C	Construct T-Hangars	Construct 10 units in the South Development T-hangar area	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,750,000	\$ 1,750,000
C	Construct Tenant Related Projects	Miscellaneous Improvements Requested by Various Tenants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 55,000	\$ 55,000
2021 SUB-TOTAL CAPITAL PROJECTS (LOU)			\$ 4,500,000	\$ 1,530,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,625,000	\$ 9,655,000
MM	Repair / Replace Asphalt Pavement	Replacement of Terminal Building / Central American Parking Lots	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
2021 SUB-TOTAL MAJOR MAINTENANCE (LOU)			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
2021 TOTAL CAPITAL, CAPITAL EQUIPMENT & MAJOR MAINTENANCE			\$ 4,500,000	\$ 1,530,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,700,000	\$ 9,730,000
SUMMARY PAGE TOTAL			\$6,030,000		\$0					\$3,700,000		

Louisville Regional Airport Authority - Capital Improvement Program



Code*	PROJECT	PROJECT DESCRIPTION	FUNDING SOURCES							TOTAL COST		
			Federal Discretionary	Federal Entitlement	Part 150 Relocation	Part 150 Sound Insul.	State	PFC's/CCF's	LRRA			
Louisville International Airport (SDF) - 2022												
C	Reconstruct Airfield Pavement	Replace Airfield Pavement identified in Pavement Management Program (Design & Construction)	\$ -	\$ 3,600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 4,000,000
C	Update Airfield Electrical System	Replace Runway & Taxiway Lighting Fixtures, Cable and Signs (Design & Construction)	\$ -	\$ 2,700,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 300,000	\$ 3,000,000
C	Install Secondary Airfield Electrical Vault and Electrical Service, Phase II	Construct Secondary Airfield Electrical Vault & Secondary Feed Electric Service, Phase 2 - Construction	\$ -	\$ 6,300,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 700,000	\$ 7,000,000
C	Reconstruct Taxiway 'L', Phase 1	Reconstruct Taxiway 'L', Phase 1- Design	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 500,000
C	Reconstruct Taxiway 'N', Phase 2	Reconstruct Taxiway 'N', Phase 2- Construction	\$ 7,200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 800,000	\$ 8,000,000
C	Expand Terminal Apron, Phase 2	Expand Terminal Apron (Central Deicing Apron-East), Phase 2- Construction	\$ -	\$ 4,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ -	\$ 5,000,000
C	Construct West Perimeter Service Road	Construct Airside Perimeter Service and Security Roadway (Design & Construction)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,250,000	\$ -	\$ 1,250,000
C	Rehabilitation of Parking Operations Structures & Facilities	Rehabilitation of Parking Structure and Associated Facilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000
C	Update Noise Compatibility Program	Update NCP	\$ -	\$ -	\$ -	\$ -	\$ 1,800,000	\$ -	\$ -	\$ 200,000	\$ -	\$ 2,000,000
C	Construct Sound Attenuation Facility	Construct Mid-Field Sound Attenuation Facility (Design & Construction)	\$ -	\$ -	\$ -	\$ -	\$ 4,500,000	\$ -	\$ -	\$ 500,000	\$ -	\$ 5,000,000
C	Construct Sound Attenuation Fence	Construct Blast Fence, Terminal Apron East along CBP	\$ -	\$ -	\$ -	\$ -	\$ 1,800,000	\$ -	\$ -	\$ 200,000	\$ -	\$ 2,000,000
C	Continue Part 150 Sound Insulation	Sound insulate facilities identified within the University of Louisville Campus (Construction Phase). Residential Construction	\$ -	\$ -	\$ -	\$ -	\$ 4,500,000	\$ -	\$ -	\$ 500,000	\$ -	\$ 5,000,000
C	Reconfigure Maintenance Building	Reconfigure Building Maintenance Bays, Office Space and Site Storage	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 500,000
C	Construct Rental Car Parking Garage	Construct New Parking Garage for Rental Car Operation - Phase 1	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,000,000	\$ -	\$ 8,000,000
C	Install Roof on Parking Garage	Installation of Solar Roof on 4th Level of Parking Facility	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,250,000	\$ 4,250,000
C	Improve Domestic and Fire Protection Water System	Water System Redundancy Improvements- Phase II - Construction	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,250,000	\$ 2,250,000
C	Construct Tenant Related Projects	Miscellaneous Improvements Requested by Various Tenants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
2022 SUB-TOTAL CAPITAL PROJECTS (SDF)			\$ 7,650,000	\$ 17,550,000	\$ -	\$ 12,600,000	\$ -	\$ 11,150,000	\$ -	\$ 9,300,000	\$ -	\$ 58,250,000

Louisville Regional Airport Authority - Capital Improvement Program



Code*	PROJECT	PROJECT DESCRIPTION	FUNDING SOURCES							TOTAL COST	
			Federal Discretionary	Federal Entitlement	Part 150 Relocation	Part 150 Sound Insul.	State	PFC's/CCF's	IRRA		
CE	PSO Gear	Annual Replacement of Gear	\$ -	\$ 27,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,000	\$ 30,000
CE	Replace Passenger Boarding Bridges	Phased Replacement of Passenger Boarding Bridges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000
CE	Upgrade Terminal Passenger Transportation	Phased Upgrade of Elevators, Escalators & Moving Walkways in Terminal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000
CE	Purchase Multi-Function SRE Units	Purchase Five (5) Multi-Function Snow Removal Equipment Units	\$ -	\$ 4,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 5,000,000
CE	Purchase CCTV Equipment	Upgrade CCTV System	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
CE	Purchase Equipment	Annual Replacement of Vehicles / Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 950,000	\$ 950,000
CE	Purchase Equipment	Replace Asset #0046, 2011 Ford Escape (Maintenance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000
CE	Purchase Equipment	Replace Asset #0004, 2011 F-550 Utility Bucket Truck (Electrical Maintenance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 125,000
CE	Purchase Equipment	Replace Asset #3305, 2006 F-350 15 Passenger Van (Vehicle Maintenance)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ 35,000
CE	Replace Terminal Furniture	Annual Furniture Replacement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
2022 SUB-TOTAL CAPITAL EQUIPMENT (SDF)			\$ -	\$ 4,527,000	\$ -	\$ -	\$ -	\$ 2,000,000	\$ -	\$ 1,785,000	\$ 8,315,000
MM	Annual Maintenance of Roadways & Bridges	Annual Maintenance and Repair of Terminal Circulation Roadways & Bridges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 175,000	\$ 175,000
MM	Rehabilitation of Airport Service Roads	Rehabilitation of Airfield West Perimeter Road	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
MM	Annual Snow Removal	Annual Snow Removal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
MM	Annual R/W & T/W Painting	Annual Runway and Taxiway painting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 325,000	\$ 325,000
MM	Annual Rubber Removal	Annual Rubber Removal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 125,000
MM	Refurbish Passenger Boarding Bridges	Phased Refurbishment of Passenger Boarding Bridges (Drive Systems, Tires & Flooring)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
MM	Annual Repair of Airfield Pavement Joints	Repair and Replacement of Airfield Concrete Joints	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
MM	Annual Sealcoat of Airfield Asphalt	Sealcoat & Crack Seal Runway Shoulders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
MM	Annual Sealcoat of Vehicle Parking Areas	Sealcoat & Crack Seal Asphalt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
MM	Rehabilitation of Asphalt Parking Lots	Rehabilitation of Credit Card Parking Lot - Parking Operations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 325,000	\$ 325,000
MM	Survey Runway Approaches & Remove Obstructions	Survey Approaches & Clear Trees within Approach / Departure Paths	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 125,000
2022 SUB-TOTAL MAJOR MAINTENANCE (SDF)			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,750,000	\$ 2,750,000

Louisville Regional Airport Authority - Capital Improvement Program



Code*	PROJECT DESCRIPTION	FUNDING SOURCES						TOTAL COST	
		Federal Discretionary	Federal Entitlement	Part 150 Relocation	Part 150 Sound Insul.	State	FFC's/CCF's		LRMA
	2022 TOTAL CAPITAL, CAPITAL EQUIPMENT & MAJOR MAINTENANCE	\$ 7,650,000	\$ 22,077,000	\$ -	\$ 12,600,000	\$ -	\$ 13,150,000	\$ 13,838,000	\$ 69,315,000
	SUMMARY TOTAL		\$42,327,000			\$0	\$26,988,000		

Louisville Regional Airport Authority - Capital Improvement Program



Code*	PROJECT	PROJECT DESCRIPTION	FUNDING SOURCES							TOTAL COST		
			Federal Discretionary	Federal Entitlement	Part 150 Relocation	Part 150 Sound Instal.	State	PTC's/CCF's	IRRA			
Bowman Field (LOU) - 2022												
C	Construct Taxiway K, Phase 2	Construction Parallel Taxiway "K", Runway 15-33 (North of Runway 6-24), Phase 2- Construction	\$ 3,000,000	\$ 150,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ 3,500,000
C	Purchase Avigation Easements/ Remove Obstructions	Bowman Field Area Safety Program - Obstruction Removal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ 750,000
C	Conduct Airport Layout Plan Update	Update Terminal Area Airport Layout Plan	\$ -	\$ 450,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 500,000
C	Replace Airport Perimeter Fence	Replace Security Fencing at Bowman Field (Phase V)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000
C	Replace Facility Roof Systems	Replace Facility Roofing Systems	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
C	Construct Tenant Related Projects	Miscellaneous Improvements Requested by Various Tenants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
2022 SUB-TOTAL CAPITAL PROJECTS (LOU)			\$ 3,000,000	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,750,000	\$ 5,350,000
2022 SUB-TOTAL MAJOR MAINTENANCE (LOU)												
MM	Repair Asphalt Access Roads	Resurface Access Roads (from Cannons Lane to Gast Blvd)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 575,000	\$ 575,000
2022 TOTAL CAPITAL, CAPITAL EQUIPMENT & MAJOR MAINTENANCE			\$ 3,000,000	\$ 600,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,325,000	\$ 5,925,000
SUMMARY TOTAL			\$3,600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,325,000	

Louisville Regional Airport Authority - Capital Improvement Program



Code*	PROJECT	PROJECT DESCRIPTION	FUNDING SOURCES						TOTAL COST	
			Federal Discretionary	Federal Entitlement	Part 150 Relocation	Part 150 Sound Insul.	State	PTC's/CCF's		LRRA
Louisville International Airport (SDF) 2023										
C	Reconstruct Airfield Pavement	Replace Airfield Pavement identified in Pavement Management Program (Design & Construction)	\$ -	\$ 4,500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 5,000,000
C	Update Airfield Electrical System	Replace Runway & Taxiway Lighting Fixtures, Cable and Signs (Design & Construction)	\$ -	\$ 3,600,000	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 4,000,000
C	Extend Taxiway 'D' to UPS Ramp #9, Phase 1	Extension of Taxiway 'D' to UPS Ramp 9, Phase 1 - Design	\$ -	\$ 720,000	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 800,000
C	Reconstruct Taxiway 'L', Phase 2	Reconstruct Taxiway 'L', Phase 2- Construction	\$ 5,400,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600,000	\$ 6,000,000
C	Extend Taxiway 'E', Phase 1	Extend Taxiway 'E' from TW 'E2' to TW 'D1', Phase 1- Design	\$ -	\$ 720,000	\$ -	\$ -	\$ -	\$ -	\$ 80,000	\$ 800,000
C	Construct Common Use Aircraft Apron	Construct Common Use Apron - West, (Design & Construction)	\$ -	\$ 4,950,000	\$ -	\$ -	\$ -	\$ -	\$ 550,000	\$ 5,500,000
C	Conduct Terminal Area Planning Study	Long Range Planning Study for Passenger Terminal & Aprons	\$ 630,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 70,000	\$ 700,000
C	Continue Part 150 Sound Insulation	Sound Insulate Facilities Identified North of West Runway	\$ -	\$ -	\$ -	\$ 1,800,000	\$ -	\$ -	\$ -	\$ 2,000,000
C	Construct East Perimeter Service Road	Construct Airside Perimeter Service and Security Roadway (Design & Construction)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,250,000	\$ -	\$ 1,250,000
C	Rehabilitation of Parking Operations Structures & Facilities	Rehabilitation of Parking Structure and Associated Facilities	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000
C	Conduct Pavement Condition Index Study	Conduct PCI Update	\$ -	\$ 495,000	\$ -	\$ -	\$ -	\$ -	\$ 55,000	\$ 550,000
C	Relocate Airport Radar	Relocation and Update of Airport Radar (FAA)	\$ -	\$ 4,500,000	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 5,000,000
C	Construct Rental Car Parking Garage	Construct New Parking Garage for Rental Car Operation - Phase 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12,000,000	\$ -	\$ 12,000,000
C	Replace Airport Perimeter Fence	Replace Airport Perimeter Fence (Year 1 of 5), New Technology	\$ -	\$ 1,800,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 2,000,000
C	Construct Noise Attenuation Facility	Construct Joint Use Noise Attenuation Facility	\$ -	\$ 5,400,000	\$ -	\$ -	\$ -	\$ -	\$ 600,000	\$ 6,000,000
C	Construct Customs Federal Inspection Facility	Construct FIS - Landside Terminal Location	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 9,000,000	\$ 9,000,000
C	Conduct Storm Sewer Inspection	Inspect Storm Sewer System	\$ -	\$ 270,000	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 300,000
C	Construct Tenant Related Modifications	Miscellaneous Improvements Requested by Various Tenants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
2023 SUB-TOTAL CAPITAL PROJECTS (SDF)			\$ 6,030,000	\$ 26,955,000	\$ -	\$ 1,800,000	\$ -	\$ 13,450,000	\$ 13,215,000	\$ 61,450,000

Louisville Regional Airport Authority - Capital Improvement Program



Code*	PROJECT	PROJECT DESCRIPTION	FUNDING SOURCES							TOTAL COST	
			Federal Discretionary	Federal Entitlement	Part 150 Relocation	Part 150 Sound Insul.	State	FFCs/CCT's	LRMA		
CE	PSO Gear	Annual Replacement of Gear	\$ -	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,000	\$ 50,000
CE	Replace Passenger Boarding Bridges	Phased Replacement of Passenger Boarding Bridges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000
CE	Upgrade Terminal Passenger Transportation	Phased Upgrade of Elevators, Escalators & Moving Walkways in Terminal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ -	\$ -	\$ 1,000,000
CE	Purchase Multi-Function SRE Units	Purchase Five (5) Multi-Function Snow Removal Equipment Units	\$ -	\$ 4,500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,000	\$ 5,000,000
CE	Purchase Equipment	Annual Replacement of Vehicles / Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 950,000	\$ 950,000
CE	Replace CCTV Equipment	Replace CCTV Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000
CE	Furniture Purchase	Purchase Replacement Furniture for Terminal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	\$ 100,000
		2023 SUB-TOTAL CAPITAL EQUIPMENT (SDF)	\$ -	\$ 4,545,000	\$ -	\$ -	\$ -	\$ 2,000,000	\$ -	\$ 1,585,000	\$ 8,130,000
MM	Annual Maintenance of Roadways & Bridges	Annual Maintenance and Repair of Terminal Circulation Roadways & Bridges	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 175,000	\$ 175,000
MM	Replacement of Terminal Hydrants	Replace Fire Hydrants on Terminal Apron	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
MM	Annual Maintenance of Cargo Facility	Annual Maintenance of Cargo Building	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000
MM	Rehabilitate East Perimeter Road	Resurface/Rehabilitate Asphalt Pavement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 375,000	\$ 375,000
MM	Annual Snow Removal	Annual Snow Removal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
MM	Annual R/W & T/W Painting	Annual Runway and Taxiway painting	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 325,000	\$ 325,000
MM	Annual Rubber Removal	Annual Rubber Removal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 125,000
MM	Annual Repair of Airfield Pavement Joints	Repair and Replacement of Airfield Concrete Joints	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
MM	Refurbish Passenger Boarding Bridges	Phased Refurbishment of Passenger Boarding Bridges (Drive Systems, Tires & Flooring)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
MM	Annual Sealcoat of Airfield Asphalt	Sealcoat & Crack Seal Runway Shoulders	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
MM	Annual Sealcoat of Vehicle Parking Areas	Sealcoat & Crack Seal Asphalt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
MM	Remove Obstructions	SDF - Clear trees within approach / departure path	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,000	\$ 250,000
MM	Survey Runway Approaches & Remove Obstructions	Survey Approaches & Clear Trees within Approach / Departure Paths	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 75,000	\$ 75,000
MM	Improve Electrical Supply Distribution	Electrical System Redundancy Study	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
		2023 SUB-TOTAL MAJOR MAINTENANCE (SDF)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,240,000	\$ 3,240,000
		2023 TOTAL CAPITAL, CAPITAL EQUIPMENT & MAJOR MAINTENANCE	\$ 6,030,000	\$ 31,500,000	\$ -	\$ 1,800,000	\$ -	\$ 15,450,000	\$ -	\$ 19,040,000	\$ 72,820,000
		SUMMARY TOTAL		\$39,330,000		\$0		\$33,490,000			

Louisville Regional Airport Authority - Capital Improvement Program



Code*	PROJECT	PROJECT DESCRIPTION	FUNDING SOURCES							TOTAL COST	
			Federal Discretionary	Federal Entitlement	Part 150 Relocation	Part 150 Sound Insul.	State	FFCs/CCFs	IRRA		
Bowman Field (LOU) - 2023											
C	Rehabilitate Airfield Pavement	Rehabilitation of Various Asphalt Pavement	\$ -	\$ 315,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 315,000	\$ 350,000
C	Rehabilitate Runway 15-33	Rehabilitate Runway 15-33 (Mill & Overlay Asphalt)	\$ 2,500,000	\$ 1,100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 4,000,000
C	Purchase Avigation Easements/ Remove Obstructions	Bowman Field Area Safety Program - Obstruction Removal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 750,000	\$ 750,000
C	Replace Airport Perimeter Fence	Replace Security Fencing at Bowman Field (Phase VI)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 400,000	\$ 400,000
C	Rehabilitate Maintenance Parking Area	Rehabilitate Parking & Storage Lot	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 175,000	\$ 175,000
C	Construct Tenant Related Modifications	Miscellaneous Improvements Requested by Various Tenants	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000
		2023 SUB-TOTAL CAPITAL PROJECTS (LOU)	\$ 2,500,000	\$ 1,415,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,810,000	\$ 5,725,000
MM	Rehabilitate Asphalt Pavement	Rehabilitation of Various Asphalt Pavement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
		2023 SUB-TOTAL MAJOR MAINTENANCE (LOU)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
		2023 TOTAL CAPITAL, CAPITAL EQUIPMENT & MAJOR MAINTENANCE	\$ 2,500,000	\$ 1,415,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,960,000	\$ 5,875,000
		SUMMARY TOTAL		\$3,915,000		\$0				\$1,960,000	



1400 N. Hurstbourne Parkway
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502.329.3000 Tel

January 16, 2018

Karen A. Scott
Interim Executive Director
Louisville Regional Airport Authority
& LRAA Board of Directors
P.O. Box 9129
Louisville, KY 40209-0129

Subject: UPS 2017 Peak Operations

UPS Airlines would like to thank the Louisville Regional Airport Authority (LRAA) for their outstanding support during UPS 2017 Peak Operations.

When UPS Founder Jim Casey said, "We need people who can do what has never been done before," he was talking about all the team players it takes to execute operations like UPS had this year. With no exception, this includes our partners at the LRAA.

This year was the first time during peak operations, we utilized multiple UPS-owned B747-8 aircraft! This, and the successful operations, could not have been done without the outstanding preparation and daily support of the LRAA, including Deputy Executive Director & Chief Operating Officer Steve Petty, Operations Manager Suzanne Kimmons, Director of Maintenance Tim Haizlip, and all their dedicated staff, who all played a big part of UPS's success this Peak season.

You know how important Peak is for UPS and at UPS Airlines, we want you to know that we sincerely appreciate the Louisville Regional Airport Authority's hard work and dedication, which was truly reflected in the success of UPS Peak 2017 operations.

Best Regards,

A handwritten signature in black ink that reads "Brendan Canavan". The signature is written in a cursive, flowing style.

Brendan Canavan
President
UPS Airlines