

RESOLUTION 2017-038 PASSED: FEBRUARY 27, 2017

APPROVING THE TRANSPORTATION IMPROVEMENT PROGRAM (TIP) FOR FEDERAL FISCAL YEARS 2018 – 2022 AT THE DEKALB TAYLOR MUNICIPAL AIRPORT.

WHEREAS, the City of DeKalb is a home rule unit as defined in Article VII, Section 6 (a) of the Illinois Constitution and has jurisdiction over matters pertaining to its government and; and

WHEREAS, the City of DeKalb prepares an annual Transportation Improvement Program that identifies future projects at DeKalb Taylor Municipal Airport. This year's program outlines projects scheduled 2018 – 2022.

WHEREAS, the City's program has been reviewed and approved by the Federal Aviation Administration, the Illinois Department of Transportation Division of Aeronautics, and the City's Airport Advisory Board.

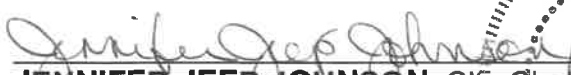
NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF DEKALB, ILLINOIS:


Section 1: That City Council of the City of DeKalb hereby approves the Mayor to authorize the implementation of the 2018 – 2022 Transportation Improvement Program (TIPS), provided that the individual projects referenced therein shall return to City Council for consideration and approval. The approval of this Resolution shall not constitute authorization to undertake the individual projects, but city staff are authorized and directed to further investigate such projects and return them to Council for consideration at an appropriate time


Section 2: That the City Clerk of the City of DeKalb, Illinois be authorized and directed to attest the Mayor's Signature and shall be effective thereupon.

PASSED BY THE CITY COUNCIL of the City of DeKalb, Illinois, at a Regular meeting thereof held on the 27th day of February, 2017 and approved by me as Mayor on the same day. Passed by an 8-0 roll call vote. Aye: Jacobson, Finucane, Marquardt, Snow, Noreiko, Baker, Faivre, Rey.

ATTEST:


JENNIFER JEEP JOHNSON, City Clerk


JOHN A. REY, Mayor





Transportation Improvement Program (TIP) Data Sheet

Airport:	DeKalb Taylor Municipal Airport	LOCID:	DKB	Local Priority:	2018-1
Project Description:	Reimbursement for Purchase of SRE building-Phase 1				FY 2018
Sketch: If not enough space provided below, please attach sketch.					
Justification:	IDOA has determined that 65% of the purchase price of the existing Frontier building would be eligible for AIP funds. The building will serve as the SRE building for the Airport.				
Cost Estimate: (Attach detailed cost estimate)					
Federal (0 %)	\$148,500	State (0 %)	\$0	Local (0 %)	\$0
				Total:	\$148,500
Sponsor Verification	Date: (see instruction sheet)				
For each and every project as applicable	29 August 2003	Date of approved ALP with project drawn			
	5-6.4.b	Date of environmental determination (ROD, FONSI, CE) or cite CE paragraph # (307-312) in Order 1050.1E, determination to accompany submittal			
	N/A	Date of land acquisition or signed purchase agreement			
	N/A	Snow removal equipment inventory & sizing worksheet (for SRE acquisition)			
	N/A	Apron sizing worksheet (for apron projects)			
	Attached	5010 Inspection Compliance (Attach copy of letter from Bureau of Aviation Safety)			
	N/A	Revenue producing facilities (for fuel farms, hangars, etc.)			

I certify to the best of my belief and knowledge that all runway approaches are clear of obstructions.

Sponsor's Signature: *John A. Rey* Date: 16 December 2016
 Printed Name: John Rey Title: Mayor
 Phone Number: 815-748-2099

Division of Aeronautics use only

Preapp Number	Grant Number	NPIAS Code	Work Code	FAA Priority	Federal \$



Airport:	DeKalb Taylor Municipal Airport	LOCID:	DKB	Local Priority:	2018-2
Project Description:	Crack Repair and Re-Mmark Runway 2-20				FY 2018
Sketch: If not enough space provided below, please attach sketch.					
Justification:	The Runway 2-20 pavements are showing signs of distress and have a 2014 PCI values range from 58 to 64. This project will be crack repair and selective removal and replacement of the existing pavement to be overlain in 2020.				
Cost Estimate: (Attach detailed cost estimate)					
Federal (90 %)	\$720,000	State (5 %)	\$40,000	Local (5 %)	\$40,000
				Total:	\$800,000
Sponsor Verification	Date: (see instruction sheet)				
For each and every project as applicable	29 August 2003	Date of approved ALP with project drawn			
	5-6.4.e	Date of environmental determination (ROD, FONSI, CE) or cite CE paragraph # (307-312) in Order 1050.1E, determination to accompany submittal			
	N/A	Date of land acquisition or signed purchase agreement			
	N/A	Snow removal equipment inventory & sizing worksheet (for SRE acquisition)			
	N/A	Apron sizing worksheet (for apron projects)			
	Attached	5010 Inspection Compliance (Attach copy of letter from Bureau of Aviation Safety)			
	N/A	Revenue producing facilities (for fuel farms, hangars, etc.)			

I certify to the best of my belief and knowledge that all runway approaches are clear of obstructions.

Sponsor's Signature: John A. Rey Date: 16 December 2016
 Printed Name: John Rey Title: Mayor
 Phone Number: 815-748-2099

Division of Aeronautics use only

Preapp Number	Grant Number	NPIAS Code	Work Code	FAA Priority	Federal \$

Priority 2018-02
 Opinion of Probable Project Cost with DBE Participation
 Runway 2-20 Crack Repair and Remarking
 DeKalb Taylor Municipal Airport

Item No.	GRP	Description	Unit	Unit Price	Quantity	Cost	Potential DBE
AR150511	100	Engineer's Field Office	Lump Sum	\$10,000.00	1.0	\$10,000.00	
AR201661	006	Clean & Seal Bituminous Cracks	Linear Foot	4.50	35,125.0	158,062.50	
AR401660	006	Saw & Seal Bit. Joints	Linear Foot	5.00	6,700.0	33,500.00	
AR401665	032	Bituminous Pavement Sawing	Linear Foot	2.00	6,700.0	13,400.00	
AR401910	001	Remove & Replace Bit. Pavement	Square Yard	100.00	1,500.0	150,000.00	
AR620520	027	Pavement Marking-Waterborne	Square Foot	2.50	94,500.0	236,250.00	236,250.00
Conting		Contingencies (5%)	Lump Sum	30,000.00	1.0	30,000.00	
Construction Cost						\$631,212.50	\$236,250.00
		IDOA Administration (1%)				\$6,310.00	
		Consultant Design Services				57,000.00	
		Consultant Construction Services				62,100.00	
		Consultant Special Services (CatEx)				5,000.00	
		Permit Fee (NPDES)				0.00	
Total Project Cost						\$761,622.50	37.4%

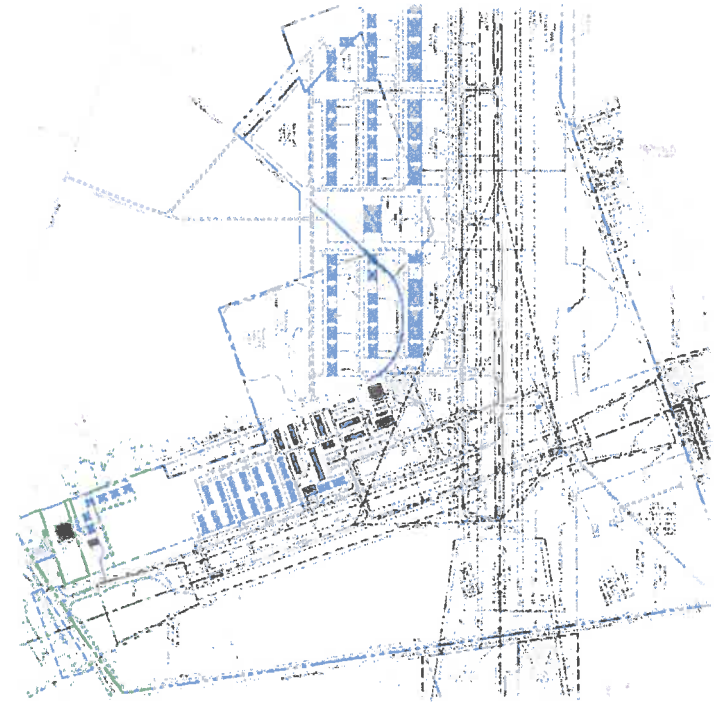
Priority 2020-4

Opinion of Probable Project Cost with DBE Participation

Runway 2-20 Overlay

DeKalb Taylor Municipal Airport

Item No.	GRP	Description	Unit	Unit Price	Quantity	Cost	Potential DBE
AR150511	100	Engineer's Field Office	Lump Sum	\$15,000.00	1.0	\$15,000.00	
AR150520	001	Mobilization	Lump Sum	125,000.00	1.0	125,000.00	
AR150540	0001	Haul Route	Lump Sum	50,000.00	1.0	50,000.00	
AR156510	001	Silt Fence	Linear Foot	4.50	8,656.0	38,952.00	\$38,952.00
AR201661	006	Clean & Seal Bituminous Cracks	Linear Foot	6.50	13,350.0	86,775.00	
AR401614	003	Bit. Surf. CSE.-Method II, Superpave	Ton	100.00	9,835.0	983,500.00	
AR401630	003	Bituminous Surface Test Section	Each	5,000.00	1.0	5,000.00	
AR401650	032	Bituminous Pavement Milling	Square Yard	10.00	5,796.0	57,960.00	
AR401660	006	Saw & Seal Bit. Joints	Linear Foot	6.50	500.0	3,250.00	
AR401665	032	Bituminous Pavement Sawing	Linear Foot	1.50	24,890.0	37,335.00	
AR401910	001	Remove & Replace Bit. Pavement	Square Yard	100.00	625.0	62,500.00	
AR403614	003	Bit. Base Cse. - Method II Superpave	Ton	95.00	9,690.0	920,550.00	
AR403630	003	Bituminous Base Test Section	Each	5,000.00	1.0	5,000.00	
AR603510	005	Bituminous Tack Coat	Gallons	3.50	24,537.0	85,879.50	
AR620520	027	Pavement Marking-Waterborne	Square Foot	2.50	94,439.0	236,097.50	236,097.50
AR800967	006	Crack Control Material (8502)	Square Yard	15.00	6,637.0	99,555.00	
AR800972	003	Bituminous Sand Mix - 2'	Square Yard	50.00	4,885.0	234,250.00	
AR904510	019	Sodding	Square Yard	10.00	15,840.0	158,400.00	158,400.00
AR905520	001	Topsailing (From Off Site)	Cubic Yard	45.00	485.0	21,825.00	21,825.00
Conting		Contingencies (5%)	Lump Sum	161,000.00	1.0	161,000.00	
Construction Cost						\$3,387,829.00	\$455,274.50
		IDOA Administration (1%)				\$33,880.00	
		Consultant Design Services				202,200.00	
		Consultant Construction Services				240,500.00	
		Consultant Special Services (CatEx)				5,000.00	
		Permit Fee (NPDES)				250.00	
Total Project Cost						\$3,869,659.00	13.4%



TIPs 2018-2022

DeKalb-Taylor Municipal Airport 12/xx/2016



Transportation Improvement Program:
Airports FFY 2018-2022

DEKALB TAYLOR MUNICIPAL AIRPORT
DEKALB, ILLINOIS

Sponsor Project Priority	AIP Priority Number	Year Requested	Project Title	Project Description	ELEMENTS REQUIRED							Estimated Cost				Notes / Comments	
					Project on ALP Yes / No / NA	Environmental Determination EAC/ATEX/EIS Pending/Approved	Clear Approaches (from 5010 Inspection Results) Yes / No	Land Acquired Yes / No / NA	Apron Sizing Calc's Yes / No / NA	ROFE Evaluation Form Yes / No / NA	Slog Size Calc/ Equipment Inventory Yes / No / NA	Federal		State	Local		Total
												Quarantary Apportionment	Entitlement				
Funded		2017	Replace the existing VASI units on Runway Ends 2, 20 & 27 with PAPI units	Replace the existing VASI units on Runway Ends 2, 20 & 27 with PAPI units	YES	CA/EX/NA/BE Completed		YES	NA	NA	NA	\$688,400	\$148,500	\$36,650	\$36,650	\$731,000	FY-2017 GA Entitlements will be used.
1		2019	Reimbursement for Purchase of SRE Building - Phase 1	Reimbursement for the purchase of the Frontier Building to serve as a SRE building for the airport. IDOA has determined that 65% of the Building would be eligible for AIP Participation. Funding in multi-years.	YES	CA/EX/NA/BE Completed		NO	NA	NA	YES	\$0	\$148,500	\$0	\$0	\$148,500	FY-2019 GA Entitlements will be used.
2		2018	Crack Repair and Re-Mark Runway 2-20	2008 PCI Survey rates generally below 60. Includes crack repair of adjacent "lead-in" pavements not being rehabilitated	YES	CA/EX/NA/BE Completed		YES	NA	NA	NA	\$720,000	\$0	\$40,000	\$40,000	\$800,000	
3		2019	Remove & replace a portion of the aircraft parking apron	The current PCI rating for this pavement is 75. This pavement is experiencing more and more jet traffic and is showing distress. The City of DeKalb desires to remove and replace this pavement with 9" PCC Pavement in order to have pavement of sufficient strength to handle the aircraft using it.	YES	CA/EX/NA/BE Completed		YES	NA	NA	NA	\$1,291,600	\$148,500	\$60,000	\$80,000	\$1,600,000	FY-2019 GA Entitlements will be used.
4		2020	Overlay Runway 2-20	2008 PCI Survey rates generally below 60. Includes crack repair of adjacent "lead-in" pavements not being rehabilitated	YES	CA/EX/NA/BE Completed		YES	NA	NA	NA	\$3,610,000	\$0	\$196,000	\$185,000	\$3,900,000	
5		2020	Reimbursement for Purchase of SRE Building - Phase 2	Reimbursement for the purchase of the Frontier Building to serve as a SRE building for the airport. IDOA has determined that 65% of the Building would be eligible for AIP Participation. Funding in multi-years.	YES	CA/EX/NA/BE Completed		NO	NA	NA	YES	\$239,000	\$148,500	\$0	\$47,500	\$475,000	FY-2020 GA Entitlements will be used.
6		2021	Acquire 47 ± ac. (fee simple)	Acquire approximately 47 ± ac. (fee simple)(Winter's Property).	YES	CATEX / PENDING		NO	NA	NA	NA	\$1,801,500	\$0	\$105,750	\$105,750	\$2,115,000	The City of DeKalb will seek Discretionary funding for this acquisition.
7		2021	Replace Perimeter Fencing	Replace the existing 4 foot perimeter fencing with a 6' tall Class E, chain link, fence. This project could change once the wildlife study has been completed and a determination is made on the exact height of fencing required.	YES	CATEX / PENDING		YES	NA	NA	NA	\$737,160	\$0	\$40,960	\$40,960	\$819,600	
8		2022	Rehabilitate T-Hangar Pavements, Phase 3	Rehabilitation of the T-Hangar Pavements that have PCIs ranging from 54 to 66.	YES	CATEX / PENDING		YES	NA	NA	NA	\$279,900	\$148,500	\$23,800	\$23,800	\$476,000	FY-2021 Q.A. Entitlements. The City of DeKalb would accept this project as a 50/50 State/Local Project.
9		2022	Acquire approximately 25± acres	Acquire approximately 25± acres (fee simple) (Fairer Property).	YES	CATEX / PENDING		NO	NA	NA	NA	\$910,000	\$0	\$45,000	\$45,000	\$900,000	
10		2023	Airport Utility Relocation, Phase I	Develop a preliminary plan sheet that shows the location of all the existing utilities on the airport and the preliminary layouts of the needed utility relocations to accommodate future airport developments.	NO	CA/EX/NA/BE Completed		NA	NA	NA	NA	\$72,000	\$0	\$4,000	\$4,000	\$80,000	
11		2023	Enlarge 1st detention basin & const. 2nd basin	Phase II - Enlargement of the first detention basin and construction of a second detention basin in the front area. Both detention basins will flow to the existing detention basin located along Loves Road.	YES	CA/EX/NA/BE Completed		NO	NA	NA	NA	\$1,561,500	\$148,500	\$95,000	\$95,000	\$1,900,000	FY-2022 GA Entitlements will be used.
12		2023	Acquire 32 ± acres for hangar expansion	Acquire 32 ± acres (fee) for future corporate hangar expansion. (Larson Property).	YES	CA/EX/NA/BE Completed		NO	NA	NA	NA	\$1,360,800	\$0	\$76,600	\$76,600	\$1,612,000	
13		2024	Relocate a portion of Pleasant Street	Relocate a portion (2,009' x 24') of Pleasant Street to develop the East Frontal Area.	YES	CA/EX/NA/BE Completed		NO	NA	NA	NA	\$508,000	\$148,500	\$36,600	\$36,600	\$730,500	FY-2023 GA Entitlements will be used.
14		2024	Airport Utility Relocation, Phase II	Relocation of the existing utilities on the Airport that were shown in Phase I to conflict with future development.	NO	CA/EX/NA/BE Completed		NO	NA	NA	NA	\$675,000	\$0	\$37,500	\$37,500	\$750,000	
15		2025	Expand the large aircraft parking apron	Expand the large aircraft parking apron	YES	CA/EX/NA/BE Completed		YES	YES AT TIME OF PROJECT	NA	NA	\$1,201,500	\$148,500	\$75,000	\$75,000	\$1,600,000	FY-2024 GA Entitlements will be used.

