

RESOLUTION 2019-152

PASSED: NOVEMBER 25, 2019

APPROVING THE TRANSPORTATION IMPROVEMENT PROGRAM (TIPS) FOR FEDERAL FISCAL YEARS 2021-2025 AT THE DEKALB TAYLOR MUNICIPAL AIRPORT.

BE IT RESOLVED BY THE CITY COUNCIL of the City of DeKalb, Illinois, as follows:

SECTION 1: That the Mayor and City Council of the City of DeKalb have approved the annual Transportation Improvement Program (TIPS) with the State of Illinois for improvements to the DeKalb Taylor Municipal Airport to be presented to the Illinois Department of Transportation – Division of Aeronautics.

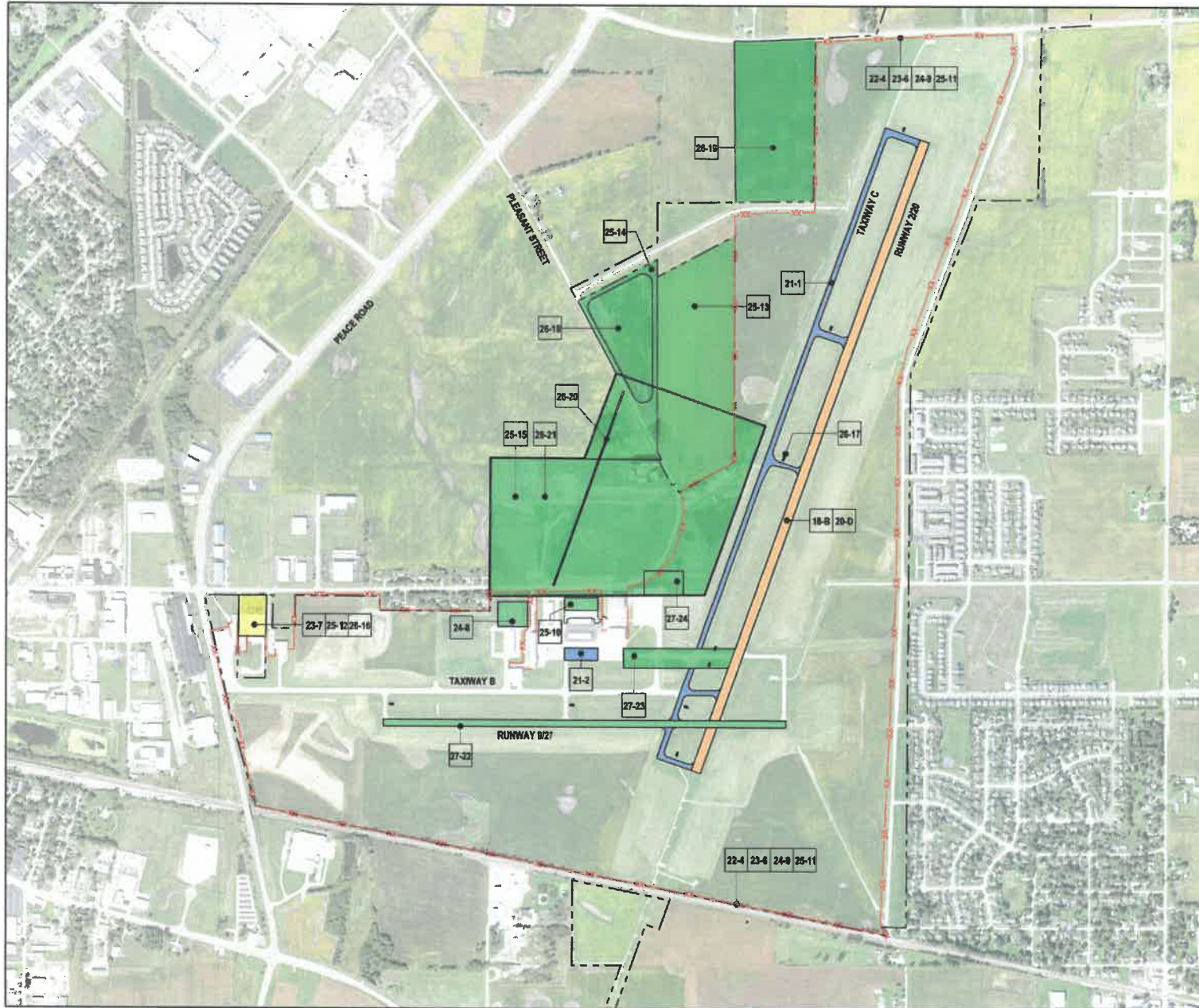
PASSED BY THE CITY COUNCIL of the City of DeKalb, Illinois, at a Regular meeting thereof held on the 25th day of November 2019 and approved by me as Mayor on the same day. Passed by a 7-0-1 roll call vote. Aye: Morris, Finucane, Smith, Perkins, McAdams, Faivre, Mayor Smith. Nay: None. Absent: Verbic.

ATTEST:



JERRY SMITH, Mayor





- LEGEND**
- FY 2020 AND PRIOR
 - FY 2021
 - FY 2022
 - FY 2023
 - FY 2024 AND BEYOND

KSPFCAT-Acc09981803
 FILE DWS-TIPS-2020.dwg
 LAYOUT: Layout1
 UPDATE BY: Jim Crane
 SURVEY BOOK #
 DATE: Tuesday, October 02, 2019 2:50:02 PM
 XREF: DWG:

REVISIONS		
NUMBER	BY	DATE

0 1 2
 THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).

**DEKALB TAYLOR MUNICIPAL AIRPORT
 DEKALB, ILLINOIS**

**TRANSPORTATION IMPROVEMENT PROPOSAL
 FFY 2021 - 2025**

CMT
 CONSULTING ENGINEERS & ARCHITECTS, INC.
 184-0000115

DESIGN BY:	DJK
DRAWN BY:	JRO
CHECKED BY:	DJK
APPROVED BY:	DLP
DATE:	10/22/2019
JOB No:	190248-01-00-10

PRELIMINARY

Transportation Improvement Program:																	
Airports FY 2021-2025																	
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	Environmental Determination EA/CATEX/EIS	Clear Approaches (from 5010 Inspection Results)	Land Acquired	Apron Sizing Calcs	RGFE Evaluation Form	Bldg Size Calcs/ Equipment Inventory	Federal		State	Local		Total
					Yes / No / N/A	Pending/Approved	Yes / No	Yes / No / NA	Yes / No / NA	Yes / No / NA	Yes / No / NA	Discretionary Apportionment	Entitlement				
FY 2020 AND Prior																	
A. Funded	81	2017	Replace the Existing VASI on Rws 2, 20, & 27	Replace the Existing VASI units on Runway Ends 2, 20, 27 with PAPI units	YES	CatEx Will Be Completed	YES	YES	NA	NA	NA	\$500,400	\$150,000	\$36,550	\$36,550	\$731,000	Uses FY2017 NonPrimary Entitlement and FY 2017 State Apportionment
B. Funded	70	2018	Crack Repair and Re-Mark Runway 2-20	2008 PCI Survey rates generally below 60. Includes crack repair of adjacent "lead-to" pavements not being rehabilitated	YES	CatEx Will Be Completed	YES	YES	NA	NA	NA	\$571,500	\$148,500	\$0	\$80,000	\$800,000	FY-2018 GA NPE Entitlements will be used. Also, Using 2018 State Apportionment.
C. Funded	84	2019	Replace Perimeter Fencing - Phase 1	Replace the existing 4-foot perimeter fencing with a 10'-tall Class E, chain-link fence as recommended by the Wildlife Study - Phased/funded in multiple years.	YES	To Be Completed	YES	YES	NA	NA	NA	\$975,000	\$150,000	\$82,500	\$82,500	\$1,250,000	Original July 31, 2018 Program Letter will be rescinded. Airport Declined the project and will Reopen the Project for State Capital Funding Opportunity. See Below.
D. Funded	70	2020	Overlay Runway 2-20	2017 PCI Survey ranges from 55-70. Includes crack repair of adjacent "lead-to" pavements not being rehabilitated	YES	To Be Completed	YES	YES	NA	NA	NA	\$3,750,000	\$300,000	\$225,000	\$225,000	\$4,500,000	FY-2020 GA Entitlements will be used. It appears that the FY 2019 Non-Primary Entitlement Funds (from the declined Fencing project) were combined here to add to the Funding for the Overlay.
FY 2021																	
1	70	2021	Rehabilitate Taxiway C	Rehabilitate and strengthen Taxiway C for Part 139	YES	To Be Completed	YES	YES	NA	NA	NA	\$2,325,000	\$150,000	\$137,500	\$137,500	\$2,750,000	F/S/L Potential Funding Opportunity
2	84	2021	Remove & replace a portion of the aircraft parking apron	The current PCI rating for this pavement is 64. 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 8" PCC Pavement in order to have pavement of sufficient strength to handle the aircraft using it.	YES	CatEx Will Be Completed	YES	YES	NA	NA	NA	\$810,000		\$45,000	\$45,000	\$900,000	
3		2021	Acquire Snow Removal Equipment - Broom	Acquire Snow Removal Equipment - Runway Broom	N/A	N/A		N/A	Yes					\$585,000.0	\$65,000	\$650,000	State Funding Capital Funding Potential
FY 2022																	
4	81	2022	Replace Perimeter Fencing - Phase 1	Replace the existing 4 foot perimeter fencing with a 10' tall Class E, chain link, fence as recommended by the Wildlife Study - Phased/funded in multiple years.	YES	To Be Completed	YES	YES	NA	NA	NA	\$975,000	\$150,000	\$82,500	\$82,500	\$1,250,000	Original July 31, 2018 Program Letter will be rescinded. FY2022 GA Entitlements will be utilized. Potential State Capital Funding as Alternates.
FY 2023																	
5		2023	Acquire Fuel Truck	Acquire Fuel Truck	N/A	N/A	YES	N/A	NA	NA	NA			\$180,000.0	\$20,000	\$200,000	State Funding Capital Funding Potential
6	81	2023	Replace Perimeter Fencing - Phase 2	Replace the existing 4 foot perimeter fencing with a 10' tall Class E, chain link, fence as recommended by the Wildlife Study - Phased/funded in multiple years.	YES	To Be Completed	YES	YES	NA	NA	NA	\$1,125,000	\$0	\$82,500	\$82,500	\$1,250,000	Wildlife Hazard Study recommended 10' tall fence.
7	45	2023	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	N/A	YES	NO	NA	NA	YES	\$0	\$150,000	\$0	\$0	\$150,000	FY-2023 GA Entitlements will be used.

Transportation Improvement Program:																	
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DEKALB TAYLOR MUNICIPAL AIRPORT																	
DEKALB, ILLINOIS																	
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												Discretionary Apportionment	Entitlement				
Yes / No / NA	Pending/Approved	Yes / No	Yes / No / NA	Yes / No / NA	Yes / No / NA	Yes / No / NA	Yes / No / NA	Yes / No / NA	Yes / No / NA								
FY 2024 and Beyond																	
8A	66	2024	Rehabilitate T-Hangar Pavements, Phase 3	Rehabilitation of the T-hangar Pavements that have PCIs ranging from 34 to 56.	YES	To Be Completed	YES	YES	NA	NA	NA	\$428,400	\$0	\$23,800	\$23,800	\$476,000	The City of DeKalb would accept this project as a 90/10 State/Local Project.
8B	66	2024	Rehabilitate T-Hangar Pavements, Phase 3	Rehabilitation of the T-hangar Pavements that have PCIs ranging from 34 to 56.	YES	To Be Completed	YES	YES	NA	NA	NA	\$0	\$0	\$428,400	\$47,600	\$476,000	If funded as part of State/Local program.
9	81	2024	Replace Perimeter Fencing - Phase 3	Replace the existing 4 foot perimeter fencing with a 10' tall Class E, chain link, fence as recommended by the Wildlife Study - Phased/funded in multiple years.	YES	To Be Completed	YES	YES	NA	NA	NA	\$975,000	\$150,000	\$82,500	\$82,500	\$1,250,000	FY-2024 GA Entitlements will be used. Wildlife Hazard Study recommended 10' tall fence.
10A	66	2025	Rehabilitate T-Hangar Pavements, Phase 4	Rehabilitation of the T-hangar Pavements that have PCIs ranging from 34 to 56.	YES	To Be Completed	YES	YES	NA	NA	NA	\$495,000	\$0	\$27,500	\$27,500	\$550,000	The City of DeKalb would accept this project as a 90/10 State/Local Project.
10B	66	2025	Rehabilitate T-Hangar Pavements, Phase 4	Rehabilitation of the T-hangar Pavements that have PCIs ranging from 34 to 56.	YES	To Be Completed	YES	YES	NA	NA	NA	\$0	\$0	\$495,000	\$55,000	\$550,000	If funded as part of State/Local program.
11	81	2025	Replace Perimeter Fencing - Phase 4	Replace the existing 4 foot perimeter fencing with a 10' tall Class E, chain link, fence as recommended by the Wildlife Study - Phased/funded in multiple years.	YES	To Be Completed	YES	YES	NA	NA	NA	\$1,125,000	\$0	\$82,500	\$82,500	\$1,250,000	Wildlife Hazard Study recommended 10' tall fence.
12	45	2025	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	N/A	YES	NO	NA	NA	YES	\$122,500	\$150,000	\$0	\$0	\$272,500	FY-2025 GA Entitlements will be used.
13	40	2025	Acquire 47 ± ac. (fee simple)	Acquire approximately 47 ± ac. (fee simple)(Winter's Property).	YES	N/A	YES	NO	NA	NA	NA	\$1,903,500	\$0	\$105,750	\$105,750	\$2,115,000	
14	40	2025	Acquire approximately 25± acres	Acquire approximately 25± acres (fee simple)(Fowler Property).	YES	N/A	YES	NO	NA	NA	NA	\$810,000	\$0	\$45,000	\$45,000	\$900,000	
15	56	2025	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	To Be Completed	YES	NA	NA	NA	NA	\$72,000	\$0	\$4,000	\$4,000	\$80,000	

Transportation Improvement Program: Airports FY 2021-2025 DEKALB TAYLOR MUNICIPAL AIRPORT DEKALB, ILLINOIS																	
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												Yes / No / NA	Pending/Approved				
16	45	2026	Reimbursement for Purchase of SRE Building - Phase 3	Reimbursement for the purchase of the Frontier Building to serve as a SRE building for the airport. IDOA has determined that 66% of the Building would be eligible for AIP Participation. Funding in multi-years.	YES	N/A	YES	NO	NA	NA	YES	\$122,500	\$150,000	\$0	\$0	\$272,500	FY-2026 GA Entitlements will be used.
17	72	2026	Rehabilitate Airfield Lighting and Signage	Rehabilitate Airfield Lighting and update Airfield Signage in accordance with a newly developed Master Signage Plan	YES	To Be Completed	YES	YES	NA	NA	NA	\$1,350,000	\$0	\$75,000	\$75,000	\$1,500,000	
18	44	2026	Enlarge 1st detention basin & const. 2nd basin	Phase II - Enlargement of the first detention basin and construction of a second detention basin in the frontal area. Both detention basins will flow to the existing detention basin located along Loves Road.	YES	To Be Completed	YES	NO	NA	NA	NA	\$1,710,000	\$0	\$95,000	\$95,000	\$1,900,000	
19	40	2026	Acquire 32 ± acres for hangar expansion	Acquire 32 ± acres (fee) for future corporate hangar expansion. (Larson Property).	YES	N/A	YES	NO	NA	NA	NA	\$1,380,800	\$0	\$75,800	\$75,800	\$1,512,000	
20	21	2026	Relocate a portion of Pleasant Street	Relocate a portion (3,000' x 24') of Pleasant Street to develop the East Frontal Area.	YES	To Be Completed	YES	NO	NA	NA	NA	\$657,000	\$0	\$36,500	\$36,500	\$730,000	
21	56	2026	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	To Be Completed	YES	NA	NA	NA	NA	\$675,000	\$0	\$37,500	\$37,500	\$750,000	
22	70	2027	Rehabilitate Runway 9/27	Rehabilitate Runway 9/27	YES	To Be Completed	NO	YES	NA	NA	NA	\$1,830,000	\$150,000	\$110,000	\$110,000	\$2,200,000	FY-2027 GA Entitlements will be used.
23	66	2027	Rehabilitate Taxiway A	Rehabilitate and strengthen Taxiway A for Part 139	YES	To Be Completed	YES	YES	NA	NA	NA	\$607,500	\$0	\$33,750	\$33,750	\$675,000	
24	54	2027	Expand the large aircraft parking apron	Expand the large aircraft parking apron	YES	To Be Completed	YES	YES	NA	NA	NA	\$1,350,000	\$0	\$75,000	\$75,000	\$1,500,000	