

RESOLUTION 2014-110 PASSED: DECEMBER 8, 2014

**AUTHORIZING THE APPROVAL OF THE REVISED
TRANSPORTATION IMPROVEMENT PROGRAM
(TIPS) FOR FEDERAL FISCAL YEARS 2016 – 2020 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 has approved the revised annual Transportation Improvement Program with the State of Illinois for improvements to DeKalb Taylor Municipal Airport in the format as already presented to the Illinois Department of Transportation Division of Aeronautics.

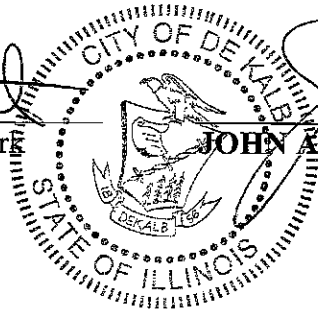
Section 2. That the City Clerk of the City of DeKalb be authorized and directed to attest the Mayor's signature.

PASSED BY THE CITY COUNCIL of the City of DeKalb, Illinois at a regular meeting thereof held on the 8th day of December, 2014 and approved by me as Mayor on the same day. Passed by Omnibus roll call vote of 7-0-1 on the Consent Agenda. Aye: Jacobson, Finucane, Lash, Snow, Baker, O'Leary, Rey. Absent: Naylor.

ATTEST:


RUTH A. SCOTT, Deputy City Clerk


JOHN A. REY, Mayor



Transportation Improvement Program:
Airports FFY 2016-2020

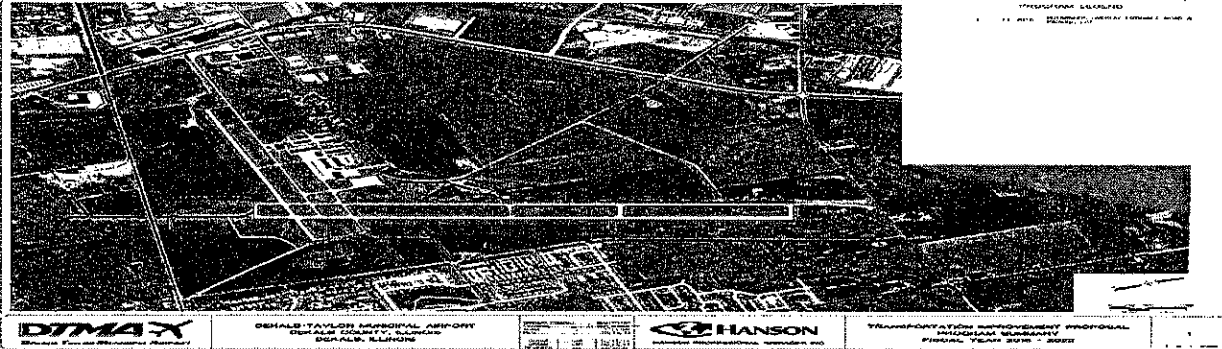
DEKALB TAYLOR MUNICIPAL AIRPORT
DEKALB, ILLINOIS

Sponsor Project Priority Number	Year Priority Requested	Project Title	Project Description	ELEMENTS REQUIRED										Estimated Cost				Notes / Comments
				Project on ALP Yes / No / NA	Environmental Determination EA/CATEX/YES	Clear Approaches (from 5010 Inspection Results) Yes / No	Land Acquired Yes / No / NA	Apron Sizing Calculations Yes / No / NA	RGFE Evaluation Form Yes / No / NA	Big Size Cals/ Equipment Inventory Yes / No / NA	Federal		State	Local	Total			
											Discretionary Appropriation	Entitlement						
1	2016	BL Overlay of Entrance Road & Parking Lot	Enhance overlay of the airport entrance road and auto parking lot.	YES	CATEX/PENDING	YES	NO	NA	NA	NA	NA	NA	\$37,930	\$148,500	\$38,100	\$28,100	\$552,000	FY-2019 G.A. Entitlements will be used.
2	2016	Visual Study	Conduct a visual study to determine what wildlife are flying on and around the airport property and what needs to be done to insure the wildlife that is present isn't a hazard to aircraft operations.	NA	NA		YES	NA	NA	NA	NA	NA			\$22,500	\$22,500	\$45,000	The City will have the USDA do the wildlife study.
3	2016	Reconstruct ENAVALS on Hwy 2, 10 & 27	The existing FLASB unit was destroyed and an abbreviated FAP will be installed in the place of the FLASB unit. Power units to be installed in the place of the ENAVALS. The unit must be moved from the ROFA as well.	YES	CATEX/PENDING		YES	NA	NA	NA	NA	NA	\$399,700		\$22,150	\$22,150	\$443,000	
4	2017	Acquire #7 ±, etc. (the empty)	Acquire approximately 47 ±, ac. (see Lincoln/McNair's Property).	YES	CATEX/PENDING	YES	NO	NA	NA	NA	NA	NA	\$1,603,500		\$105,750	\$1,603,500	\$2,115,000	The City of DeKalb will seek discretionary funding for this acquisition.
5	2017	Replace Drainage Facility	Replace the existing (old) drainage facility with a 45' dia. Class E drain line, fence. This project could change once the final study has been completed and a determination is made on the exact height of fencing required.	YES	CATEX/PENDING		YES	NA	NA	NA	NA	NA	\$598,600	\$148,500	\$40,950	\$40,950	\$919,000	FY-2017 G.A. Entitlements will be used.
6	2017	Overlay Runway 2-08	2008 PCI Survey rates - 68 to 75, 24.5% loading efficiency. 2011 PCI Survey rates - 68 to 73, 20.5% loading efficiency. 2014 PCI Survey rates - 58 to 75, 18.25% loading efficiency. Cracks weren't sealed. Will wait for 2017 PCI Survey.	YES	CATEX/PENDING		YES	NA	NA	NA	NA	NA	\$0		\$0	\$0	\$0	
7	2017	C.B.A. For MALSR	Develop a Cost Benefit Analysis for the installation of a MALSR on Runway End 20.	YES	NA		YES	NA	NA	NA	NA	NA	\$0		\$28,000	\$28,000	\$25,000	
8	2018	Rest 818E Building	Rest & Show Removal Equipment Building with associated site work.	YES	CATEX/PENDING		YES	NA	NA	NA	NA	NA	\$300,000		\$140,000	\$140,000	\$1,000,000	The City of DeKalb is considering the acquisition of the Frontier building as the future 818E Building. Use of G.A. Entitlements to make this acquisition is being considered at this time.
9	2018	E.A. For MALSR	Develop a short term environmental assessment for the installation of MALSR on Runway End 20.	YES	EA/PENDING		YES	NA	NA	NA	NA	NA	\$0		\$17,500	\$17,500	\$35,000	
10	2018	BL Overlay of Taxiway Pavements	Construction of a bituminous overlay of the Taxiway Pavements that have PCI's ranging from 34 to 56.	YES	CATEX/PENDING		YES	NA	NA	NA	NA	NA	\$131,400	\$148,500	\$15,550	\$15,550	\$311,000	FY-2018 G.A. Entitlements. The City of DeKalb would accept this project as a 5010 Statistical Project.
11	2018	Install MALSR on Rwy 20	Install a MALSR system and access roads on Runway End 20.	YES	UNCER ITEM 6		YES	NA	NA	NA	NA	NA	\$657,000	\$148,500	\$44,750	\$44,750	\$895,000	Will use all of FY-2019 G.A. Entitlements.
12	2019	Acquire approximately 25± acres	Acquire approximately 25± acres (see simple) (Fisher Property).	YES	CATEX/PENDING		NO	NA	NA	NA	NA	NA	\$410,000		\$45,000	\$45,000	\$500,000	
13	2020	ALP Utility Relocation, Phase I	Develop a preliminary plan sheet that shows the location of all the existing utilities on the airport and the preliminary layout of the needed utility relocations to accommodate future airport development.	NO	NA		NA	NA	NA	NA	NA	NA	\$72,000		\$4,000	\$4,000	\$60,000	
14	2020	Enlarge 14' detention basin to second, 2nd basin	Phase II - Enlargement of the first detention basin and construction of a second detention basin. 1500 detention basin. Will help fix the existing detention basin located along Hwy 20.	YES	CATEX/PENDING		NO	NA	NA	NA	NA	NA	\$1,584,500	\$148,500	\$65,000	\$65,000	\$1,500,000	Will use all of FY-2020 G.A. Entitlements
15	2020	Acquire 32 ± acres for hangar expansion	Acquire 32 ± acres (see) for future corporate hangar expansion. (Larson Property).	YES	CATEX/PENDING		NO	NA	NA	NA	NA	NA	\$1,360,000		\$75,600	\$75,600	\$1,512,000	
16	2021	Relocate a portion of Pleasant Street	Relocate a portion of Pleasant Street to develop the East Rental Area.	YES	CATEX/PENDING		NO	NA	NA	NA	NA	NA	\$508,900	\$148,500	\$38,500	\$38,500	\$790,000	Will use all of FY-2021 G.A. Entitlements
17	2021	ALP Utility Relocation, Phase II	Relocation of the existing utilities on the Airport that were shown in Phase I to conflict with future development.	NO	CATEX/PENDING		NO	NA	NA	NA	NA	NA	\$675,000		\$37,500	\$37,500	\$750,000	
18	2022	Expand the large aircraft parking apron	Expand the large aircraft parking apron.	YES	CATEX/PENDING		YES	NA	NA	NA	NA	NA	\$1,201,500	\$148,500	\$75,000	\$75,000	\$1,550,000	Will use all of FY-2022 G.A. Entitlements

TIP DATA SHEET

AIRPORT	DeKalb Taylor Mun.	LOCID	DKB	LOCAL PRIORITY	1
PROJECT DESCRIPTION	Bituminous overlay of the airport entrance road and parking lot.				FY 2016

SKETCH: If not enough space provided below, please attach sketch



JUSTIFICATION: The entrance road and parking lot was constructed in 1983, overlaid and expanded in 2001. These pavements have longitudinal and transverse cracking (many a severe enough to require removal and replacement). A bituminous overlay at this time will return these pavements to an excellent condition.

COST ESTIMATE: (Attach detailed cost estimate)

Federal (90%) \$505,800	State (05%) \$28,100	Local (05%) \$28,100	Total: \$562,000
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SPONSOR VERIFICATION:

Date:

For each and every project as applicable	<u>8/29/2003</u> <u>CATEX</u> <u>NA</u> <u>NA</u> <u>NA</u> <u>NA</u>	Date of approved ALP with project drawn Date of environmental determination (ROD, FONSI, CE), or cite CE paragraph # (307-312) in Order 1050.1E; determination to accompany submittal Date of land acquisition or signed purchase agreement Snow removal equipment inventory & sizing worksheet (for SRE acquisition) Apron sizing worksheet (for apron projects) 5010 Inspection Compliance (Attach copy of letter from Bureau of Aviation Safety) Revenue producing facilities (for fuel farms, hangars, etc.)
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I certify to the best of my belief and knowledge that all Runway approaches are clear of obstructions.

SPONSOR'S SIGNATURE: John A. Rey

PRINTED NAME: John Rey

PHONE NUMBER: 815-748-2099

DATE: 12/10/2014

TITLE: Mayor

DIVISION OF AERONAUTICS USE ONLY

PREAPP NUMBER	GRANT NUMBER	NPIAS CODE	WORK CODE	FAA PRIORITY	FEDERAL \$

TIP DATA SHEET

AIRPORT	DeKalb Taylor Mun.	LOCID	DKB	LOCAL PRIORITY	2
PROJECT DESCRIPTION	Conduct a wildlife study.				FY 2016

SKETCH: If not enough space provided below, please attach sketch



JUSTIFICATION: The City of DeKalb desires to Part 139 certificate the Airport. FAA Has a requirement that a wildlife study be conducted every 5 years at a part 139 airport. The study will identify what wildlife are in the area of the airport and if they are a hazard to air operations. There is a perimeter fencing project proposed in FY-2017 that the height of that fence will be determined by this wildlife study.

COST ESTIMATE: (Attach detailed cost estimate)

Federal (90%) \$00	State (05%) \$25,000	Local (05%) \$25,000	Total: \$50,000
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SPONSOR VERIFICATION:

Date:

For each and every project as applicable

8/29/2003

Date of approved ALP with project drawn
Date of environmental determination (ROD, FONSI, CE), or cite CE paragraph # (307-312) in Order 1050.1E; determination to accompany submittal

NA

Date of land acquisition or signed purchase agreement

NA

Snow removal equipment inventory & sizing worksheet (for SRE acquisition)

NA

Apron sizing worksheet (for apron projects)

5010 Inspection Compliance (Attach copy of letter from Bureau of Aviation Safety)

NA

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: 12/11/2014

PRINTED NAME: John Rey

TITLE: Mayor

PHONE NUMBER: 815-748-2099

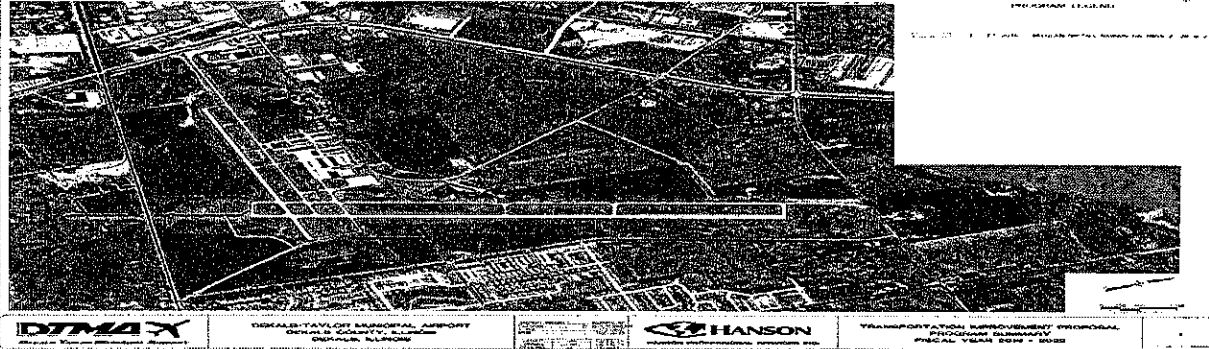
DIVISION OF AERONAUTICS USE ONLY

PREAPP NUMBER	GRANT NUMBER	NPIAS CODE	WORK CODE	FAA PRIORITY	FEDERAL \$

TIP DATA SHEET

AIRPORT	DeKalb Taylor Mun.	LOCID	DKB	LOCAL PRIORITY	3
PROJECT DESCRIPTION	Relocate/install Nav aids on Rws 2, 20 & 27				FY 2016

SKETCH: If not enough space provided below, please attach sketch



JUSTIFICATION: The FAA have made a determination that power units and wind cones are not "Fixed by Function" and cannot remain in the Runway Object Free Area (ROFA). This project will relocate four power units and two wind cones out of the ROFA. It will also install an abbreviated PAPI unit on Runway end 27.

COST ESTIMATE: (Attach detailed cost estimate)

Federal (90%) \$398,700	State (05%) \$22,150	Local (05%) \$22,150	Total: \$443,000
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SPONSOR VERIFICATION: Date: October 31, 2013

For each and every project as applicable	<u>8/29/2003</u> <u>CATEX</u> <u>NA</u> <u>NA</u> <u>NA</u> <u>NA</u>	Date of approved ALP with project drawn Date of environmental determination (ROD, FONSI, CE), or cite CE paragraph # (307-312) in Order 1050.1E; determination to accompany submittal Date of land acquisition or signed purchase agreement Snow removal equipment inventory & sizing worksheet (for SRE acquisition) Apron sizing worksheet (for apron projects) 5010 Inspection Compliance (Attach copy of letter from Bureau of Aviation Safety) Revenue producing facilities (for fuel farms, hangars, etc.)
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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: 12/11/2014

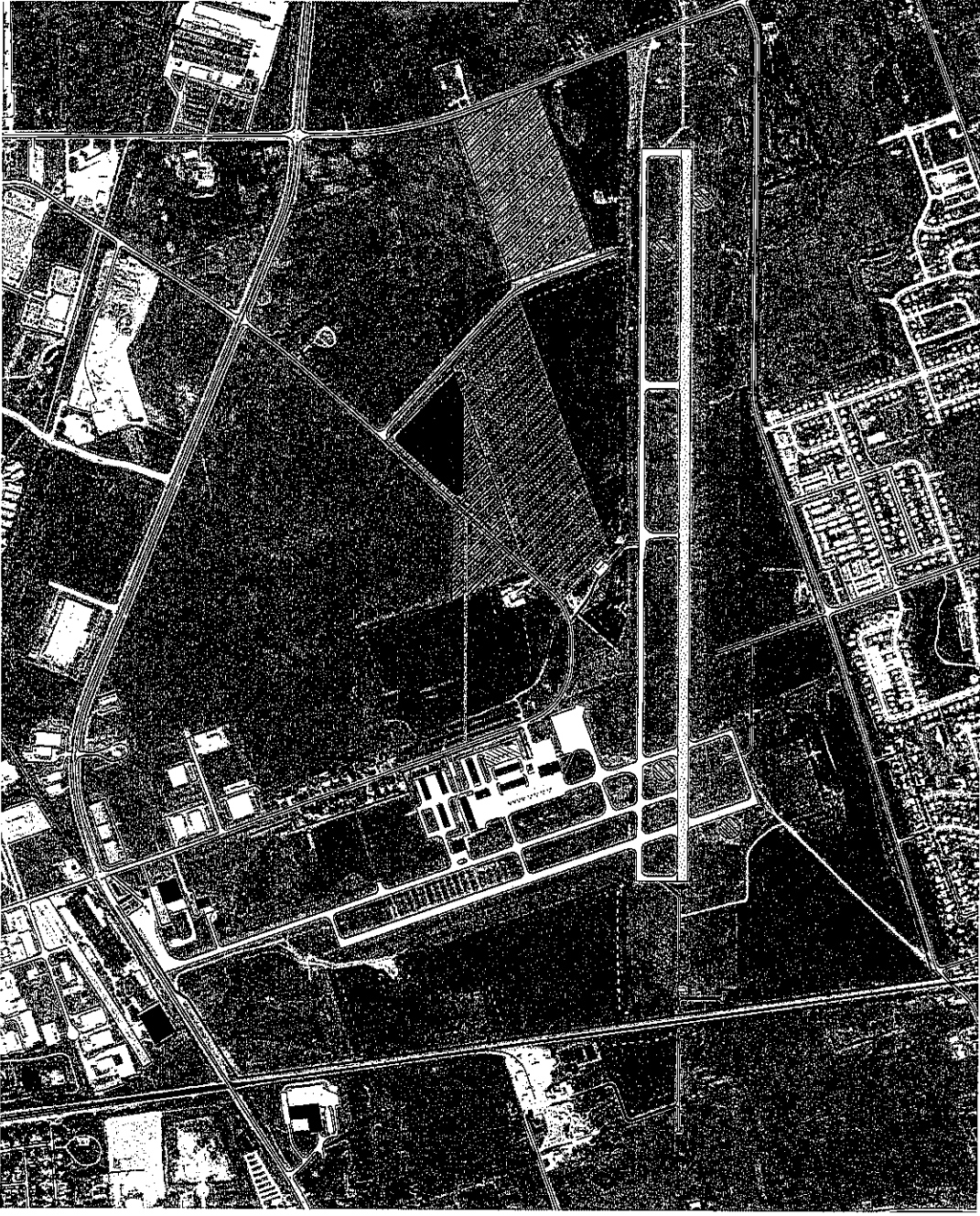
PRINTED NAME: John Rey

TITLE: Mayor

PHONE NUMBER: 815-748-2099

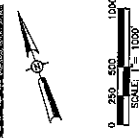
DIVISION OF AERONAUTICS USE ONLY

PREAPP NUMBER	GRANT NUMBER	NPIAS CODE	WORK CODE	FAA PRIORITY	FEDERAL \$



PROGRAM LEGEND

- 1 FY-2016 BITUMINOUS OVERLAY ENTRANCE ROAD & PARKING LOT
- 2 FY-2016 WILDLIFE STUDY
- 3 FY-2016 RELOCATE/INSTALL MARKERS ON RWYS 2, 20 & 27
- 4 FY-2017 LAND ACQUISITION - WINNER'S PROPERTY
- 5 FY-2017 REPLACE PERIMETER FENCING
- 6 FY-2017 OVERLAY RUNWAY 2-20
- 7 FY-2017 C.E.A. FOR WALSR
- 8 FY-2018 ERECT SRC BUILDING
- 9 FY-2018 E.A. FOR MALS
- 10 FY-2019 BITUMINOUS OVERLAY T-HANGAR PAVEMENTS
- 11 FY-2019 INSTALL WALSR W/ACCESS ROAD
- 12 FY-2019 LAND ACQUISITION - FAWER PROPERTY
- 13 FY-2020 AIRPORT UTILITY RELOCATION, PHASE I
- 14 FY-2020 PHASE II- ENLARGE 1ST DETENTION BASIN, CONSTRUCT 2ND BASIN
- 15 FY-2020 LAND ACQUISITION - LARSON PROPERTY
- 16 FY-2021 RELOCATE A PORTION OF PLEASANT STREET
- 17 FY-2021 AIRPORT UTILITY RELOCATION, PHASE II
- 18 FY-2022 ENLARGE THE LARGE AIRCRAFT PARKING APRON



DEKALB-TAYLOR MUNICIPAL AIRPORT
 DEKALB COUNTY, ILLINOIS
 DEKALB, ILLINOIS

HANSON PROJECT	ADVISOR
FILE NAME	FY-2016 BIDDING
SCALE	1"=100'
DATE	07/13/14
DRAWN	CAH
CHECKED	CAH
DATE	07/13/14
REVISED	07/29/14



TRANSPORTATION IMPROVEMENT PROPOSAL
PROGRAM SUMMARY
 FISCAL YEAR 2016 - 2022