RESOLUTION 2015-132       PASSED: DECEMBER 14, 2015

APPROVING THE TRANSPORTATION IMPROVEMENT PROGRAM (TIP) FOR FEDERAL FISCAL YEARS 2017–2021 AT THE DEKALB TAYLOR MUNICIPAL AIRPORT.

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 between 2017 – 2021.

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

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

The City Council hereby approves the Transportation Improvement Program for 2017 – 2021 for the DeKalb Taylor Municipal Airport. The program will outline the projects proposed for the next five years.

PASSED BY THE CITY COUNCIL of the City of DeKalb, Illinois at a regular meeting thereof held on the 14th day of December and approved by me as Mayor on the same day. Passed by a roll call vote of 8-0. Aye: Jacobson, Finucane, Marquardt, Snow, Norciko, Baker, Faivre, Rey.

ATTEST:

JENNIFER JEEP JOHNSON, City Clerk

JOHN A. REY, Mayor
<table>
<thead>
<tr>
<th>Sponsor Project Title</th>
<th>Project Title</th>
<th>Project Description</th>
<th>Project Estimated Cost</th>
<th>Notes / Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 84 2017</td>
<td>Roadway &amp; NOX Reduction</td>
<td>Improve the existing road to reduce emissions for the NOx project.</td>
<td>Yes</td>
<td>$200,000</td>
</tr>
<tr>
<td>2 22 2017</td>
<td>Roadway Improvements</td>
<td>Improve the existing road to reduce emissions for the NOx project.</td>
<td>Yes</td>
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<td>Roadway Improvements</td>
<td>Improve the existing road to reduce emissions for the NOx project.</td>
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<td>4 24 2016</td>
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<td>Improve the existing road to reduce emissions for the NOx project.</td>
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<td>Improve the existing road to reduce emissions for the NOx project.</td>
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<td>$120,000</td>
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<td>6 70 2016</td>
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<td>Improve the existing road to reduce emissions for the NOx project.</td>
<td>Yes</td>
<td>$100,000</td>
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<td>7 09 2016</td>
<td>Roadway Improvements</td>
<td>Improve the existing road to reduce emissions for the NOx project.</td>
<td>Yes</td>
<td>$80,000</td>
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<tr>
<td>8 68 2016</td>
<td>Recent Improvements</td>
<td>Recent Improvements for the NOx project.</td>
<td>Yes</td>
<td>$60,000</td>
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<tr>
<td>9 28 2016</td>
<td>Recent Improvements</td>
<td>Recent Improvements for the NOx project.</td>
<td>Yes</td>
<td>$40,000</td>
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<tr>
<td>10 28 2016</td>
<td>Recent Improvements</td>
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<td>Yes</td>
<td>$20,000</td>
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<tr>
<td>11 24 2020</td>
<td>Recent Improvements</td>
<td>Recent Improvements for the NOx project.</td>
<td>Yes</td>
<td>$10,000</td>
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<tr>
<td>12 24 2020</td>
<td>Recent Improvements</td>
<td>Recent Improvements for the NOx project.</td>
<td>Yes</td>
<td>$8,000</td>
</tr>
<tr>
<td>13 23 2020</td>
<td>Recent Improvements</td>
<td>Recent Improvements for the NOx project.</td>
<td>Yes</td>
<td>$6,000</td>
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<tr>
<td>14 24 2020</td>
<td>Recent Improvements</td>
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<td>Yes</td>
<td>$4,000</td>
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<tr>
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<td>Recent Improvements for the NOx project.</td>
<td>Yes</td>
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</tr>
<tr>
<td>16 20 2020</td>
<td>Recent Improvements</td>
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<tr>
<td>17 20 2020</td>
<td>Recent Improvements</td>
<td>Recent Improvements for the NOx project.</td>
<td>Yes</td>
<td>$500</td>
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</table>
**Airport:** DeKalb Taylor Municipal  
**LOCID:** DKB  
**Local Priority:** 1  
**Project Description:** Relocate/install NAVAIDS on Runway Ends 2, 20 and 27  
**Sketch:** If not enough space provided below, please attach sketch.

The existing VADI units on Runway 2-20 have been in service for 17 years and the one on Runway End 27 was installed 13 years but was destroyed. There are power units and wind cones located within the Runway Object Free Area (ROFA). This project will install new PAPI units on the three runway ends and relocate the power units and wind cones outside the ROFA. FAA Priority No. 94 (SA, RW, SF)

**Cost Estimate:** (Attach detailed cost estimate)  
Federal (90 %) $657,900  
State (5 %) $35,550  
Local (5 %) $35,660  
Total: $731,000

**Sponsor Verification**  
Date: (see instruction sheet)  
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  
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)  
YES  
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:**  
**Date:** 12/16/2015

**Printed Name:** John Rey  
**Title:** Mayor

**Phone Number:** 815-748-2099

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**Printed 11/24/2015**  
**Page 1 of 3**  
**AER 104 (Rev. 10/01/15)**
Illinois Department of Transportation
Division of Aeronautics

2017 TRANSPORTATION IMPROVEMENT PROGRAM
ESTIMATE OF WORK

Airport Name: DeKalb Taylor Municipal
Associated City: DeKalb
Year Requested: 2017 Sponsor Priority: 1

PROJECT TITLE:
Relocate/Install NAVIADS on Rwys 2, 20 & 27

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QUANTITY</th>
<th>UNIT PRICE</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>#</td>
<td>Unit(s)</td>
<td>$</td>
</tr>
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PAVING
Unclassified Excavation  LS  / LS
Crushed Aggregate Base  CY  / CY
HMA  SY  / SY
PCC  SY  / SY
Subgrade Stabilization  AC  / AC
Mill Paving  AC  / AC
TeckPrime  CY  / CY
Marking  SY  / SY

ELECTRICAL/NAVAIDS
3/C #6 U.G. Cabling  10,000 L.F.  $7.50 / L.F.  $75,000
2/C No.8 5KV UG Cable  12,000 L.F.  $5.50 / L.F.  $66,000
4" Directional Bore  1,150 L.F.  $35.00 / L.F.  $40,250
Install PAPI Unit (L-860)  3 Each  $35,000.00 / Each  $105,000
Remove PLS/PAPI Unit  3 Each  $5,000.00 / Each  $15,000
Vault Work  1 L.S.  $80,000.00 / L.S.  $80,000
Remove Transformer  2 Each  $2,000.00 / Each  $4,000
Electrical Handhole  24 Each  $5,000.00 / Each  $120,000
Relocate Wind Cone  2 Each  $5,000.00 / Each  $10,000
Install RELIL  1 Pair  $15,000.00 / Pair  $15,000
Remove RELIL  1 Pair  $2,000.00 / Pair  $2,000
Relocate Transformer  2 Each  $2,000.00 / Each  $4,000
Primary Wind Cone  1 Each  $12,000.00 / Each  $12,000
Spice Can  6 Each  $1,000.00 / Each  $6,000

FENCING
Remove Fence  /
Install Fence  /
Gates (Electric)  /
Gates (Manual)  /

OTHER / MISC.
Field Office  1 EA  $5,000 / EA  $5,000
Mobilization  1 LS  $10,000 / LS  $10,000
Contingency  1 LS  $31,350 / LS  $31,350
Engineering-PASD/Design  1 LS  $53,400 / LS  $53,400
Engineering-Special Services  1 LS  $3,000 / LS  $3,000
Engineering-Construction  1 LS  $85,000 / LS  $85,000
FAA Flight Check  1 LS  $20,000 / LS  $20,000

TOTAL COST: $731,000

Potential DBE
$  %
**Transportation Improvement Program (TIP) Data Sheet**

**Airport:** DeKalb Taylor Municipal  
**LOCID:** DKB  
**Local Priority:** 2  
**Project Description:** Construct SRE Building w/site work  
**FY 2017**

**Sketch:** If not enough space provided below, please attach sketch.

### Justification:
The Airport is currently using an aircraft hangar to store the Snow Removal Equipment. The Airport needs a building dedicated to the storage of the Snow Removal Equipment. This project will provide a SRE Building and site work. FAA Priority No. 22 (OT, BD, IM)

### Cost Estimate: (Attach detailed cost estimate)

<table>
<thead>
<tr>
<th>Federal (90 %) $1,440,000</th>
<th>State (0 %) $0.00</th>
<th>Local (10 %) $160,000</th>
<th>Total: $1,600,000</th>
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<td>5010 Inspection Compliance (Attach copy of letter from Bureau of Aviation Safety)</td>
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<td>N/A</td>
<td>Revenue producing facilities (for fuel farms, hangars, etc.)</td>
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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:**  
**Date:** 12/16/2015

**Printed Name:** John Rey  
**Title:** Mayor  
**Phone Number:** 815-748-2099

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**Printed 11/24/2015**  
**Page 1 of 2**  
**AER 104 (Rev. 10/01/15)**
Project Description: Remove and replace a portion of the aircraft parking apron

Sketch: If not enough space provided below, please attach sketch.

Justification: The number of jet operations at the Airport have been increasing and there is insufficient apron space strong enough to accommodate these jets. This project will replace a section of the bituminous apron with concrete pavement that is strong enough to accommodate the jet aircraft now using this facility. FAA Priority No. 60 (RE, AP, IM)

Cost Estimate: (Attach detailed cost estimate)

<table>
<thead>
<tr>
<th></th>
<th>Federal (90 %) $593,100</th>
<th>State (5 %) $32,950</th>
<th>Local (5 %) $32,950</th>
<th>Total: $659,000</th>
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Sponsor Verification

For each and every project as applicable

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Printed Name: John Rey Title: Mayor

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