

**RESOLUTION  
No. 17-87**

**APPROVAL OF WAYNE COUNTY AIRPORT AUTHORITY  
FISCAL YEAR 2018 BUDGET**

**By Board Member Mark Ouimet**

WHEREAS, the Wayne County Airport Authority (the "Authority"), pursuant to the Aeronautics Code of the Michigan Public Airport Authority Act, being MCL 259.108 – 259.125c, (the "Aeronautics Code") is vested with the power and authority to undertake the management and operation of the Detroit Metropolitan Wayne County Airport and Willow Run Airport (the "Airports"); and

WHEREAS, the Wayne County Airport Authority is governed by the Wayne County Airport Authority Board (the "Board"); and

WHEREAS, the Aeronautics Code requires that prior to the beginning of each fiscal year, the Board shall prepare a budget containing an itemized statement of the estimated current operational expenses and the expenses for capital outlay including funds for the operation and development of the Airports under the jurisdiction of the Board, and the amount necessary to pay the principal and interest of any outstanding bonds or other obligations of the Authority maturing during the ensuing fiscal year or which have previously matured and are unpaid, and an estimate of the revenue of the Authority from all sources for the ensuing fiscal year; and

WHEREAS, the Aeronautics Code further requires that money of the Authority be deposited, invested, and paid by the Chief Financial Officer only in accordance with policies, procedures, ordinances or resolutions adopted by the Board; and

WHEREAS, the Aeronautics Code further requires that a vote of a majority of the members of the Board serving at the time of the vote is necessary to approve or amend the annual budget; and

WHEREAS, the Board desires to, among other things, approve the annual budget for fiscal year 2018;

NOW THEREFORE, BE IT RESOLVED, that the Wayne County Airport Authority Board hereby approves:

1. The annual operating budgets for the Detroit Metropolitan Airport Fund and the Willow Run Airport Fund for the fiscal year beginning October 1, 2017 and ending September 30, 2018, as prepared by the Chief Financial Officer of the Authority and reviewed by the Board, copies of which are attached to this Resolution;

2. The Wayne County Airport Authority Five-Year Capital Improvement Plan for Detroit Metropolitan Airport and Willow Run Airport for fiscal years 2018-2022, a copy of which is attached to this Resolution.

All prior Resolutions and parts of prior Resolutions insofar as they conflict with the provisions of this Resolution hereby are rescinded.

This Resolution was supported by Board Member Irma Clark-Coleman and carried by the following vote:

AYES: Ayad, Clark-Coleman, Garavaglia, Ivery, Ouimet

NAYS: None

DATE: August 16, 2017



DETROIT METRO • WILLOW RUN  
WAYNE COUNTY AIRPORT AUTHORITY

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**MEMORANDUM**

To: Wayne County Airport Authority Board Members

From: Marge M. Basrai  
Interim Chief Financial Officer

Amber K. Hunt, Director  
Financial Planning & Analysis

CC: Joseph R. Nardone  
Chief Executive Officer

Date: August 7, 2017

RE: Fiscal Year 2018 Recommended Budget

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Enclosed, please find the proposed Resolution for the Fiscal Year 2018 Recommended Budget (the "Resolution") to be considered at the August 16, 2017 Board meeting. The Resolution addresses the annual operating budgets for Detroit Metropolitan Airport (DTW) including the Westin Hotel and Willow Run Airport (YIP). Also included are the Five Year Capital Improvement Plans (CIP) for Detroit Metropolitan and Willow Run Airports for Fiscal Years 2018 – 2022.

As previously discussed with the Board, Transportation Network Companies, car rental and concessions revenues are driving a \$6.8 million or 3.6% increase in non-airline revenues. Total expenses are increasing by \$10.6 million or 3.0% primarily from debt service, with additional increases in janitorial services and employee security screening. Total airline revenues are increasing by \$3.7 million or 2.2%, driven by a 5.0% increase in terminal rental rates, which are offset by a 1.4% reduction in landing fees.

The DTW and YIP FY 2018 – 2022 CIPs continue to address airfield and infrastructure improvement projects. While some minor adjustments have been made, the budgets being presented for approval have not materially changed from what was shared with the Board on July 19<sup>th</sup>. The Wayne County Airport Authority's consolidated budget is attached for your review and consideration. We respectfully request approval of the Fiscal Year 2018 Recommended Budget on August 16, 2017.

**Wayne County Airport Authority**  
**FY 2018 Consolidated Operating Budget**  
(\$ in thousands)

	<u>Detroit Metropolitan Airport</u>	<u>Willow Run Airport</u>	<u>Authority Total</u>
<b>Revenues</b>			
<b>Airline Revenues</b>			
Landing Fees	\$ 79,269	\$ 716	\$ 79,985
Airline Rents and Other Fees	87,620	212	87,831
Facility Use Fees	8,100	380	8,480
<b>Total Airline Revenues</b>	<b>174,989</b>	<b>1,308</b>	<b>176,297</b>
<b>Non-Airline Revenues</b>			
Parking	76,000	-	76,000
Car Rental	25,000	-	25,000
Concessions	40,000	-	40,000
Ground Transportation	7,264	-	7,264
Shuttle Bus	2,900	-	2,900
Utility Service Fee	4,883	121	5,004
Rent	3,525	935	4,460
Other Revenues	1,999	58	2,057
Charges For Services	1,949	774	2,722
Hotel Revenues	30,389	-	30,389
<b>Total Non-Airline Revenues</b>	<b>193,908</b>	<b>1,888</b>	<b>195,796</b>
<b>Total Non-Operating Revenues</b>	<b>1,203</b>	<b>10</b>	<b>1,213</b>
<b>Total Revenues</b>	<b>\$ 370,100</b>	<b>\$ 3,206</b>	<b>\$ 373,306</b>
<b>Expenses</b>			
<b>Operating Expenses</b>			
Salaries & Wages	\$ 53,912	\$ 993	\$ 54,905
Employee Benefits	31,632	560	32,193
Materials & Supplies	10,001	196	10,197
Parking Management	8,908	-	8,908
Shuttle Bus	7,194	-	7,194
Janitorial	13,440	30	13,470
Security	6,600	-	6,600
Contractual Services	24,033	904	24,937
Insurance	2,098	34	2,131
Utilities	24,071	592	24,663
Buildings & Grounds	16,579	817	17,396
Equipment Repair	20,505	232	20,737
Other Operating Expenses	4,481	482	4,963
O&M Capital	7,763	50	7,813
Hotel Expenses	18,647	-	18,647
<b>Total Operating Expenses</b>	<b>249,863</b>	<b>4,889</b>	<b>254,752</b>
<b>Non-Operating Expenses</b>			
Net Debt Service	94,328	25	94,353
Funding Requirements	18,015	(1,708)	16,307
Hotel Funding Requirements	7,894	-	7,894
<b>Total Non-Operating Expenses</b>	<b>120,237</b>	<b>(1,683)</b>	<b>118,554</b>
<b>Total Expenses</b>	<b>\$ 370,100</b>	<b>\$ 3,206</b>	<b>\$ 373,306</b>
<b>Net Income/(Loss)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**Recommended Detroit Metropolitan Airport Capital Improvement Plan - Fiscal Years 2018 - 2022**

Item No.	Project Description	Estimated Total Project Cost	Projected Expenses to 9/30/17	Memo: Total 5 Year CIP Expenditures \$ 750,034,000					FY 2023 to Completion
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
<b>Airfield</b>									
1	Runway 3L/21R & Associated Taxiways Reconstruction	\$ 240,000,000	\$ 1,600,000	\$ 11,400,000	\$ 107,000,000	\$ 105,000,000	\$ 15,000,000	\$ -	\$ -
2	Runway 21R Deicing Pad Reconstruction (Design)	500,000	50,000	450,000	-	-	-	-	-
3	Taxiway Z Reconstruction & Relocation of Southern Portion Including Extension of Taxiway Service Road	16,000,000	1,000,000	15,000,000	-	-	-	-	-
4	Taxiway M3, M4 & Western Portion of Taxiway P4 Removal	925,000	-	-	925,000	-	-	-	-
5	Taxiway K Reconstruction Program	54,000,000	750,000	26,000,000	-	-	27,250,000	-	-
6	Airfield Pavement Rehabilitation/Reconstruction Plan - CY 2018	6,700,000	-	6,700,000	-	-	-	-	-
7	Airfield Pavement Rehabilitation/Reconstruction Plan - CY 2019	6,900,000	-	-	6,900,000	-	-	-	-
8	Airfield Pavement Rehabilitation/Reconstruction Plan - CY 2020	7,000,000	-	-	-	7,000,000	-	-	-
9	Airfield Pavement Rehabilitation/Reconstruction Plan - CY 2021	7,000,000	-	-	-	-	7,000,000	-	-
10	Airfield Pavement Rehabilitation/Reconstruction Plan - CY 2022	7,000,000	-	-	-	-	-	7,000,000	-
11	McNamara Apron Rehabilitation/Joint Repairs - CY 2018	15,000,000	-	15,000,000	-	-	-	-	-
12	McNamara Apron Rehabilitation/Joint Repairs - CY 2019	15,000,000	-	-	15,000,000	-	-	-	-
13	McNamara Apron Rehabilitation/Joint Repairs - CY 2020	15,000,000	-	-	-	15,000,000	-	-	-
14	McNamara Apron Rehabilitation/Joint Repairs - CY 2021	15,000,000	-	-	-	-	15,000,000	-	-
15	McNamara Apron Rehabilitation/Joint Repairs - CY 2022	15,000,000	-	-	-	-	-	15,000,000	-
16	Hangar 516 & 518 Apron Reconstruction	2,250,000	-	-	2,250,000	-	-	-	-
17	McNamara Apron Modifications & New Hardstand Positions	25,000,000	19,000,000	6,000,000	-	-	-	-	-
18	Taxilanes U-9 & Q Rehabilitation - Phase 1	30,000,000	-	-	15,000,000	15,000,000	-	-	-
<b>Airfield Sub-Total</b>		<b>478,275,000</b>	<b>22,400,000</b>	<b>80,550,000</b>	<b>147,075,000</b>	<b>142,000,000</b>	<b>64,250,000</b>	<b>22,000,000</b>	<b>-</b>
<b>Cargo, Hangar &amp; Commercial Development</b>									
19	West Service Drive Improvements & Relocation	7,925,000	1,325,000	-	-	-	-	450,000	6,150,000
<b>Cargo, Hangar &amp; Commercial Development Sub-Total</b>		<b>7,925,000</b>	<b>1,325,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>450,000</b>	<b>6,150,000</b>
<b>Power Plants &amp; Electrical Distribution System</b>									
20	Utility Command Center & Remote Metering	6,000,000	200,000	500,000	5,300,000	-	-	-	-
21	Medium Voltage Transmission Lines for Primary Service to the North Campus & Airfield	10,600,000	1,000,000	4,000,000	4,000,000	1,600,000	-	-	-

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				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
22	Primary Electrical Cable & Duct Bank Replacement	1,000,000	-	550,000	450,000	-	-	-	-
23	North Power Plant Electrical Gear & Load Centers Replacement	2,850,000	450,000	2,400,000	-	-	-	-	-
24	Electrical Substations Replacements	5,000,000	400,000	2,300,000	2,300,000	-	-	-	-
25	North Power Plant Chillers & Support Systems	6,950,000	275,000	3,675,000	3,000,000	-	-	-	-
26	North Power Plant HVAC/Air Handler & Miscellaneous Improvements	3,070,000	250,000	2,820,000	-	-	-	-	-
27	South Power Plant Site Generators	10,000,000	-	-	-	500,000	5,700,000	3,800,000	-
28	Primary Electrical Loops Nos. 1-3 Upgrade & Expansion	5,125,000	500,000	1,100,000	1,500,000	1,000,000	1,025,000	-	-
29	North Power Plant Building Rehabilitation	3,340,000	340,000	1,500,000	1,500,000	-	-	-	-
30	McNamara Terminal HVAC Re-commissioning Study	600,000	-	350,000	250,000	-	-	-	-
<b>Power Plants &amp; Electrical Distribution System Sub-Total</b>		<b>54,535,000</b>	<b>3,415,000</b>	<b>19,195,000</b>	<b>18,300,000</b>	<b>3,100,000</b>	<b>6,725,000</b>	<b>3,800,000</b>	<b>-</b>
<b>Fleet &amp; Equipment</b>									
31	Fleet & Heavy Equipment Acquisitions - CY 2018	5,000,000	-	5,000,000	-	-	-	-	-
32	Fleet & Heavy Equipment Acquisitions - CY 2019	4,000,000	-	-	4,000,000	-	-	-	-
33	Fleet & Heavy Equipment Acquisitions - CY 2020	3,000,000	-	-	-	3,000,000	-	-	-
34	Fleet & Heavy Equipment Acquisitions - CY 2021	3,000,000	-	-	-	-	3,000,000	-	-
35	Fleet & Heavy Equipment Acquisitions - CY 2022	3,000,000	-	-	-	-	-	3,000,000	-
36	Compressed Natural Gas Fueling Facility	2,560,000	-	-	-	-	-	384,000	2,176,000
<b>Fleet &amp; Equipment Sub-Total</b>		<b>20,560,000</b>	<b>-</b>	<b>5,000,000</b>	<b>4,000,000</b>	<b>3,000,000</b>	<b>3,000,000</b>	<b>3,384,000</b>	<b>2,176,000</b>
<b>Parking &amp; Ground Transportation Facilities</b>									
37	Big Blue Parking Deck Rehabilitation - Phase 3	4,140,000	3,140,000	1,000,000	-	-	-	-	-
38	Big Blue Parking Deck Rehabilitation - Phase 4	13,200,000	-	1,000,000	1,500,000	2,500,000	2,500,000	2,500,000	3,200,000
39	McNamara Parking Deck Rehabilitation - Phase 1	10,600,000	5,750,000	2,850,000	2,000,000	-	-	-	-
40	McNamara Parking Deck Rehabilitation - Phase 2	6,600,000	200,000	1,000,000	1,200,000	2,200,000	2,000,000	-	-
41	Surface Lots LED Lighting Installation	3,000,000	350,000	1,250,000	1,400,000	-	-	-	-
42	North Terminal GTC Third Elevator & Escalator	500,000	-	500,000	-	-	-	-	-
43	Parking Lot Rehabilitation	6,700,000	1,500,000	2,000,000	2,000,000	1,200,000	-	-	-

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				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
44	Parking System Replacement	6,500,000	100,000	5,000,000	1,400,000	-	-	-	-
<b>Parking &amp; Ground Transportation Facilities Sub-Total</b>		<b>51,240,000</b>	<b>11,040,000</b>	<b>14,600,000</b>	<b>9,500,000</b>	<b>5,900,000</b>	<b>4,500,000</b>	<b>2,500,000</b>	<b>3,200,000</b>
<b>Bridges &amp; Roadways</b>									
45	Bridges & Roadways Rehabilitation Program - CY 2018	4,000,000	-	4,000,000	-	-	-	-	-
46	Bridges & Roadways Rehabilitation Program - CY 2019	3,500,000	-	-	3,500,000	-	-	-	-
47	Bridges & Roadways Rehabilitation Program - CY 2020	3,000,000	-	-	-	3,000,000	-	-	-
48	Bridges & Roadways Rehabilitation Program - CY 2021	3,000,000	-	-	-	-	3,000,000	-	-
49	Bridges & Roadways Rehabilitation Program - CY 2022	6,000,000	-	-	-	-	-	6,000,000	-
50	Roadway Overhead Sign Installation	8,500,000	-	500,000	8,000,000	-	-	-	-
51	Rogell Drive-Dingell Drive Connector	6,500,000	200,000	5,000,000	1,300,000	-	-	-	-
52	Roadway LED Lighting Installation	6,000,000	800,000	1,700,000	1,750,000	1,750,000	-	-	-
<b>Bridges &amp; Roadways Sub-Total</b>		<b>40,500,000</b>	<b>1,000,000</b>	<b>11,200,000</b>	<b>14,550,000</b>	<b>4,750,000</b>	<b>3,000,000</b>	<b>6,000,000</b>	<b>-</b>
<b>Security &amp; Communications</b>									
53	McNamara Terminal CBP CCTV	900,000	60,000	840,000	-	-	-	-	-
54	Security System & Network Upgrades - Phases 2 through 5	21,900,000	3,100,000	4,000,000	3,800,000	7,000,000	4,000,000	-	-
<b>Security &amp; Communications Sub-Total</b>		<b>22,800,000</b>	<b>3,160,000</b>	<b>4,840,000</b>	<b>3,800,000</b>	<b>7,000,000</b>	<b>4,000,000</b>	<b>-</b>	<b>-</b>
<b>Support Facilities</b>									
55	Roof Replacement Plan	3,830,000	100,000	888,000	168,000	144,000	1,725,000	805,000	-
56	Building 348 (Executive Terminal) Partial Restoration	370,000	70,000	300,000	-	-	-	-	-
57	Fire Training Facility Restoration & Burn Pit Replacement	5,585,000	-	770,000	4,815,000	-	-	-	-
58	ARFF Station 100 Improvements	1,200,000	200,000	1,000,000	-	-	-	-	-
59	Snow Removal Equipment Storage Facility	7,750,000	-	775,000	6,975,000	-	-	-	-
60	Glycol Storage Tanks	2,750,000	-	275,000	2,475,000	-	-	-	-
61	Equipment Maintenance & Storage Facilities Replacement & Consolidation (Planning)	400,000	-	400,000	-	-	-	-	-
<b>Support Facilities Sub-Total</b>		<b>21,885,000</b>	<b>370,000</b>	<b>4,408,000</b>	<b>14,433,000</b>	<b>144,000</b>	<b>1,725,000</b>	<b>805,000</b>	<b>-</b>

**Recommended Detroit Metropolitan Airport Capital Improvement Plan - Fiscal Years 2018 - 2022**

Item No.	Project Description	Estimated Total Project Cost	Projected Expenses to 9/30/17	Memo: Total 5 Year CIP Expenditures \$ 750,034,000					FY 2023 to Completion
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
<b>Site Redevelopment &amp; Demolitions</b>									
62	Building 715 (Former NWA/DL Hangar) Demolition	2,500,000	900,000	1,600,000	-	-	-	-	-
63	Buildings 714, 714A & 714B (Former Metro Flight Buildings) Site Redevelopment & Demolition	1,600,000	-	-	-	-	160,000	1,440,000	-
64	Building 534 (Former Flight Kitchen) Demolition	1,310,000	160,000	1,150,000	-	-	-	-	-
65	Building 358 (Former Police Station) Demolition	3,000,000	400,000	2,600,000	-	-	-	-	-
66	LC Smith & Berry Terminals Demolition	17,964,000	2,000,000	4,000,000	10,000,000	1,964,000	-	-	-
<b>Site Redevelopment &amp; Demolitions Sub-Total</b>		<b>26,374,000</b>	<b>3,460,000</b>	<b>9,350,000</b>	<b>10,000,000</b>	<b>1,964,000</b>	<b>160,000</b>	<b>1,440,000</b>	<b>-</b>
<b>Terminals</b>									
67	North Terminal Gate Expansion	20,870,000	-	20,870,000	-	-	-	-	-
68	North Terminal Interior Wall Panel Replacements	1,000,000	-	1,000,000	-	-	-	-	-
69	McNamara Terminal Baggage Handling System Controls	42,000,000	720,000	26,180,000	15,100,000	-	-	-	-
70	McNamara Tram Controls	13,000,000	3,664,000	5,375,000	3,961,000	-	-	-	-
<b>Terminals Sub-Total</b>		<b>76,870,000</b>	<b>4,384,000</b>	<b>53,425,000</b>	<b>19,061,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Water, Sanitary &amp; Stormwater Systems</b>									
71	Primary Pump & Switchgear Replacements	1,100,000	100,000	650,000	350,000	-	-	-	-
72	Water Main Replacement - Phase 2	5,250,000	-	750,000	4,500,000	-	-	-	-
73	Supervisory Control And Data Acquisition (SCADA) System	2,500,000	-	500,000	2,000,000	-	-	-	-
74	Storm & Sanitary Sewer Systems Replacements	2,500,000	900,000	1,300,000	300,000	-	-	-	-
<b>Water, Sanitary &amp; Stormwater Systems Sub-Total</b>		<b>11,350,000</b>	<b>1,000,000</b>	<b>3,200,000</b>	<b>7,150,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Other Projects</b>									
75	Noise Contour Map	800,000	-	800,000	-	-	-	-	-
<b>Other Projects Sub-Total</b>		<b>800,000</b>	<b>-</b>	<b>800,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Total Detroit Metropolitan Airport FY 2018 - 2022 CIP Projects</b>		<b>\$ 813,114,000</b>	<b>\$ 51,554,000</b>	<b>\$ 206,568,000</b>	<b>\$ 247,869,000</b>	<b>\$ 167,858,000</b>	<b>\$ 87,360,000</b>	<b>\$ 40,379,000</b>	<b>\$ 11,526,000</b>



**Recommended Willow Run Airport Capital Improvement Plan - Fiscal Years 2018 - 2022**

Item No.	Project Description	Estimated Total Project Cost	Projected Expenses to 9/30/17	Memo: Total 5 Year CIP Expenditures \$ \$98,252,914					FY 2023 to Completion
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
<b>Airfield</b>									
1	New Taxiway Parallel East of Runway 5R/23L - Env. & Design	\$ 1,000,000	\$ 213,413	\$ 786,587	\$ -	\$ -	\$ -	\$ -	\$ -
2	New Taxiway Parallel East of Runway 5R/23L - Construction	37,600,000	-	19,100,000	10,500,000	8,000,000	-	-	-
3	East Ramp Repairs	912,500	-	912,500	-	-	-	-	-
4	Taxiway B Reconstruction - Planning & Design	425,500	118,758	306,742	-	-	-	-	-
5	Taxiway B Reconstruction - Construction	2,300,000	-	-	800,000	800,000	700,000	-	-
6	Runway 9/27 Repairs	815,000	-	-	205,000	205,000	205,000	200,000	-
7	East & South Ramp Rehabilitation	2,000,000	-	-	1,000,000	1,000,000	-	-	-
8	Airfield Sign Replacement Plan Development	50,000	-	-	50,000	-	-	-	-
9	Taxiway Repairs/Removal	3,000,000	-	-	1,000,000	1,000,000	1,000,000	-	-
10	East & South Ramps Rightsizing & Reconstruction	30,000,000	-	-	-	-	10,000,000	10,000,000	10,000,000
<b>Airfield Sub-Total</b>		<b>78,103,000</b>	<b>332,171</b>	<b>21,105,829</b>	<b>13,555,000</b>	<b>11,005,000</b>	<b>11,905,000</b>	<b>10,200,000</b>	<b>10,000,000</b>
<b>Power Plants &amp; Electrical Distribution System</b>									
11	Electrical Cable Vault Equipment Replacement & Relocation	2,637,000	737,000	1,900,000	-	-	-	-	-
12	Emergency Generator Relocation & Conduit Extention to Airfield Vault	1,363,000	250,000	1,113,000	-	-	-	-	-
<b>Power Plants &amp; Electrical Distribution System Sub-Total</b>		<b>4,000,000</b>	<b>987,000</b>	<b>3,013,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Fleet &amp; Heavy Equipment Plan</b>									
13	Fuel Tanker	150,000	-	150,000	-	-	-	-	-
14	Deicing Tanker	315,000	-	315,000	-	-	-	-	-
15	Multi-Function Snow Plow	700,000	-	-	700,000	-	-	-	-
16	V-Body Sand Truck	230,000	-	-	-	230,000	-	-	-
17	Stake Truck	145,000	-	-	-	145,000	-	-	-
18	Front End Loader	175,000	-	-	-	175,000	-	-	-
19	Dump Truck	210,000	-	-	-	-	210,000	-	-
<b>Fleet &amp; Heavy Equipment Plan Sub-Total</b>		<b>1,925,000</b>	<b>-</b>	<b>465,000</b>	<b>700,000</b>	<b>550,000</b>	<b>210,000</b>	<b>-</b>	<b>-</b>

**Recommended Willow Run Airport Capital Improvement Plan - Fiscal Years 2018 - 2022**

Item No.	Project Description	Estimated Total Project Cost	Projected Expenses to 9/30/17	Memo: Total 5 Year CIP Expenditures \$ \$98,252,914					FY 2023 to Completion
				FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	
<b>Security &amp; Communications</b>									
20	Fiber Head End Relocation (from Hangar 1)	500,000	-	500,000	-	-	-	-	-
<b>Security &amp; Communications Sub-Total</b>		<b>500,000</b>	<b>-</b>	<b>500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Support Facilities</b>									
21	Fuel Farm Drain/Pavement Rehabilitation & Tank Ladder Installation	260,000	17,797	242,203	-	-	-	-	-
22	Maintenance/Admin. Facility (Bld. 2620) Refurbish & Expansion	2,722,000	22,000	2,000,000	700,000	-	-	-	-
23	Hangar 1 Decommissioning	250,000	-	-	250,000	-	-	-	-
24	ARFF Station Replacement	3,000,000	-	-	-	3,000,000	-	-	-
<b>Support Facilities Sub-Total</b>		<b>6,232,000</b>	<b>39,797</b>	<b>2,242,203</b>	<b>950,000</b>	<b>3,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Water, Sanitary &amp; Stormwater Systems</b>									
25	East Side Sanitary Sewer System Replacement	5,000,000	148,119	1,000,000	2,000,000	1,851,882	-	-	-
26	East Side Water Main Replacement	4,000,000	-	-	500,000	1,000,000	1,000,000	1,500,000	-
27	Storm Sewer System Replacements	10,000,000	-	-	-	3,000,000	3,000,000	4,000,000	-
<b>Water, Sanitary &amp; Stormwater Systems Sub-Total</b>		<b>19,000,000</b>	<b>148,119</b>	<b>1,000,000</b>	<b>2,500,000</b>	<b>5,851,882</b>	<b>4,000,000</b>	<b>5,500,000</b>	<b>-</b>
<b>Total Willow Run Airport FY 2018 - FY 2022 CIP Projects</b>		<b>\$ 109,760,000</b>	<b>\$ 1,507,086</b>	<b>\$ 28,326,032</b>	<b>\$ 17,705,000</b>	<b>\$ 20,406,882</b>	<b>\$ 16,115,000</b>	<b>\$ 15,700,000</b>	<b>\$ 10,000,000</b>