

DRAFT Recommended Projects

2017 thru 2021

Department Public Works - Airport

City of Lawrence, Kansas

Contact PW Director

Project #	PW17A1CIP
Project Name	Wildlifefence

Type Improvement

Useful Life 30 years

Category Buildings

Priority 2 Very Important

Status Active

Department Priority 2 Very Important

Unfunded

Total Project Cost: \$900,000

Description
Safety - Installation of a wildlife fence city/FAA share program. Cities responsibility 90,000. Total estimated project cost is \$900,000

Justification
The airport is partially fenced with a three-strand barbed wire fence and does not have gates at most entrances. A key recommendation from the 2012 Wildlife Hazard Assessment of the airport was the installation of a woven wire wildlife fence on the airport perimeter following the property line. This project will significantly deter wildlife incursions on the field and lower the city's liability risk of wildlife and aircraft collisions. The new fence will include chain-link fencing in the main building area and will include manual and automatic gates for access control.

Prior	Expenditures	2017	2018	2019	2020	2021	Total
95,000	Construction/Maintenance	805,000					805,000
Total	Total	805,000					805,000

Prior	Funding Sources	2017	2018	2019	2020	2021	Total
95,000	Airport	80,500					80,500
Total	Total	805,000					805,000

Budget Impact/Other
Project Cost \$900,000 FAA 90% - \$810,000 City 10% - \$90,000

DRAFT Recommended Projects

2017 thru 2021

Department Public Works - Airport

City of Lawrence, Kansas

Contact PW Director

Project # PW18A2CIP
Project Name Reconstruct Terminal Apron

Type Maintenance

Useful Life 30 years

Category Unassigned

Priority 2 Very Important

Status Active

Department Priority

Unfunded

Total Project Cost: \$1,360,000

Description
Mill and overlay of terminal apron

Justification
The main apron at LWC has an old coal tar slurry that is cracked (egg-shelled) and needs to be resurfaced. There are areas on the apron that need to be reconstructed due to heavy business jet traffic along with typical weathering and cracking over time. The rehabilitation will include milling off the existing surface and applying an overlay. Reconstruction will include full-depth asphalt removal, preparation of the underlying base and reconstruction of the asphalt section.

Expenditures	2017	2018	2019	2020	2021	Total
Planning/Design	136,000					136,000
Construction/Maintenance		1,224,000				1,224,000
Total	136,000	1,224,000				1,360,000

Funding Sources	2017	2018	2019	2020	2021	Total
General Obligation Debt		136,000				136,000
Intergovernmental	136,000	1,088,000				1,224,000
Total	136,000	1,224,000				1,360,000

Budget Impact/Other
Estimated Cost is \$1,360,000 FAA will pay 90% - \$1,224,000 City Share 10% - \$136,000 Will reduce future annual maintenance costs

DRAFT Recommended Projects

2017 *thru* 2021

Department Public Works - Airport

City of Lawrence, Kansas

Contact PW Director

Project # PW19A3CIP
Project Name Reconstruct RWY15-33

Type Maintenance

Useful Life 20years

Category Unassigned

Priority 3 Important

Status Active

Department Priority

Unfunded

Total Project Cost: \$2,000,000

Description
Resurfacing of RWY 15-33 Cost \$2,000,000 FAA \$1.8M City \$200,000

Justification
 The main Runway (15-33) currently has weathering and block cracking throughout. A 2013 sealcoat project extended the life of the surface but resurfacing will be necessary by 2018. The rehabilitation will include milling off the existing surface and applying an overlay. No reconstruction areas are anticipated. Also, new surface markings and striping will be required per FAA design standards on the reconstructed surface. The overlay will add strength and enhanced service longevity to the runway and provide increased utility to heavier business jets using the airport.

Expenditures	2017	2018	2019	2020	2021	Total
Planning/Design		125,000				125,000
Construction/Maintenance			1,875,000			1,875,000
Total		125,000	1,875,000			2,000,000

Funding Sources	2017	2018	2019	2020	2021	Total
General Obligation Debt			200,000			200,000
Intergovernmental		125,000	1,675,000			1,800,000
Total		125,000	1,875,000			2,000,000

Budget Impact/Other
 Total Cost \$2 Million
 FAA 90% - \$1.8M
 City 10% - \$200,000
 Resurfacing will improve service and longevity of runway and need less annual maintenance

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2017 *thru* 2021

Department Public Works - Airport

City of Lawrence, Kansas

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Project # PW19A4CIP
Project Name Land Acquisition RWY1/19

Type Unassigned

Useful Life 50 years

Category Unassigned

Priority 3 Important

Status Active

Department Priority

Unfunded

Total Project Cost: \$190,000

Description
 Acquire property for safety areas for RWY1/19

Justification
 Acquire property off ends of Runway 1/19 to comply with enhanced FAA runway protection zone requirements and allow city to own property outright rather through an avigation easement with property owner. The tracts will be acquired in fee. Note: The thin purple property tract on the west side of the airfield has already been acquired under a previous FAA grant.

Expenditures	2017	2018	2019	2020	2021	Total
Land Acquisition			190,000			190,000
Total			190,000			190,000

Funding Sources	2017	2018	2019	2020	2021	Total
Airport			19,000			19,000
Intergovernmental			171,000			171,000
Total			190,000			190,000

Budget Impact/Other
 total project cost \$190,000
 FAA 90% - \$171,000
 City 10% - 19,000

DRAFT Recommended Projects

2017 thru 2021

Department Public Works - Airport

City of Lawrence, Kansas

Contact PW Director

Project # PW20A5CIP
Project Name Drainage Improvements

Type Improvement

Useful Life 30 years

Category Storm Sewer/Drainage

Priority 3 Important

Status Active

Department Priority

Unfunded

Total Project Cost: \$1,500,000

Description
Drainage improvements for storm water management for tracts @ airport

Justification
Recommendations from the 2012 Wildlife Hazard Assessment and 2014 Environmental Assessment are driving improvements to drainage enhancements at the south end of the airport property. These enhancements will reduce wildlife habitat for avian species and create a safer operating environment for aircraft; and better manage waterflow throughout the Kaw Valley Drainage District. Also, these improvements will recover additional acreage of airport property that potentially could be used for revenue-producing property at the airport. A complete list of the recommendations will be finalized in 2015 when the Environmental Assessment is complete and presented to the city.

Expenditures	2017	2018	2019	2020	2021	Total
Planning/Design			150,000			150,000
Construction/Maintenance				1,350,000		1,350,000
Total			150,000	1,350,000		1,500,000

Funding Sources	2017	2018	2019	2020	2021	Total
Intergovernmental				1,350,000		1,350,000
Stormwater Fund			150,000			150,000
Total			150,000	1,350,000		1,500,000

Budget Impact/Other
total \$1.5 Million FAA 90% - \$1,350,000 City 10% - \$150,000
The improvements will allow development of several lots @ the airport

DRAFT Recommended Projects

2017 *thru* 2021

City of Lawrence, Kansas

Department Public Works - Airport

Contact PW Director

Type Improvement

Useful Life 30 years

Category Economic Development

Priority 5 Future Consideration

Status Active

Project # PWTBDA6CIP
Project Name T-Hangers

Department Priority

Unfunded

Total Project Cost: \$0

Description
 Construct additional 20 T- hangers for Lease

Justification
 Expanded use of airport

Funding Sources	2017	2018	2019	2020	2021	Total
Unfunded					1,800,000	1,800,000
Total					1,800,000	1,800,000

Budget Impact/Other
 Cost approx \$1.8 million to be recovered over 30 years from rent