

# SCOTTSDALE AIRPORT SUSTAINABILITY REVIEW



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Federally-funded Projects completed at the Scottsdale Airport since 2018:

- Runway 3 Safety Area and Detention Basin Erosion Protection
- Transient Apron Reconstruction
- Delta Apron Reconstruction (Phase 1 & 2)
- Charlie Apron Reconstruction
- Runway 3-21 Electrical Rehabilitation
- Runway 3-21 Rehabilitation
- Airfield Security Fence Upgrades
- Taxiway A Reconstruction (Phases 1 & 2)

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- **Taxiway A Reconstruction (Phases 1 & 2)**

**Future Federally-funded Projects for 2023:**

- **Taxiway A4 Rehabilitation**
- **Airport Drive Rehabilitation**
- **Perimeter Road Rehabilitation**
- **West Side Apron Lighting Upgrades**

# Runway 3-21 Electrical Rehabilitation

completed in Fall 2019

avoids using

**8,420**

kilowatt-hours annually

equivalent to greenhouse gas emissions avoided by diverting

**2.5 tons**

of waste from landfill to a  
recycling facility



# Runway 3-21 Rehabilitation Project

COMPLETED IN SUMMER 2021

saved  
**4,130**

gallons of gas

by placing all asphalt millings at  
WestWorld of Scottsdale to  
improve the existing parking lots



equivalent to greenhouse  
gas emissions from

**4.6**

homes' energy usage  
for one year

Replacing taxiway lights and signs with LED  
lights on airfield projects from 2018 - 2023

avoids using

**30,240**

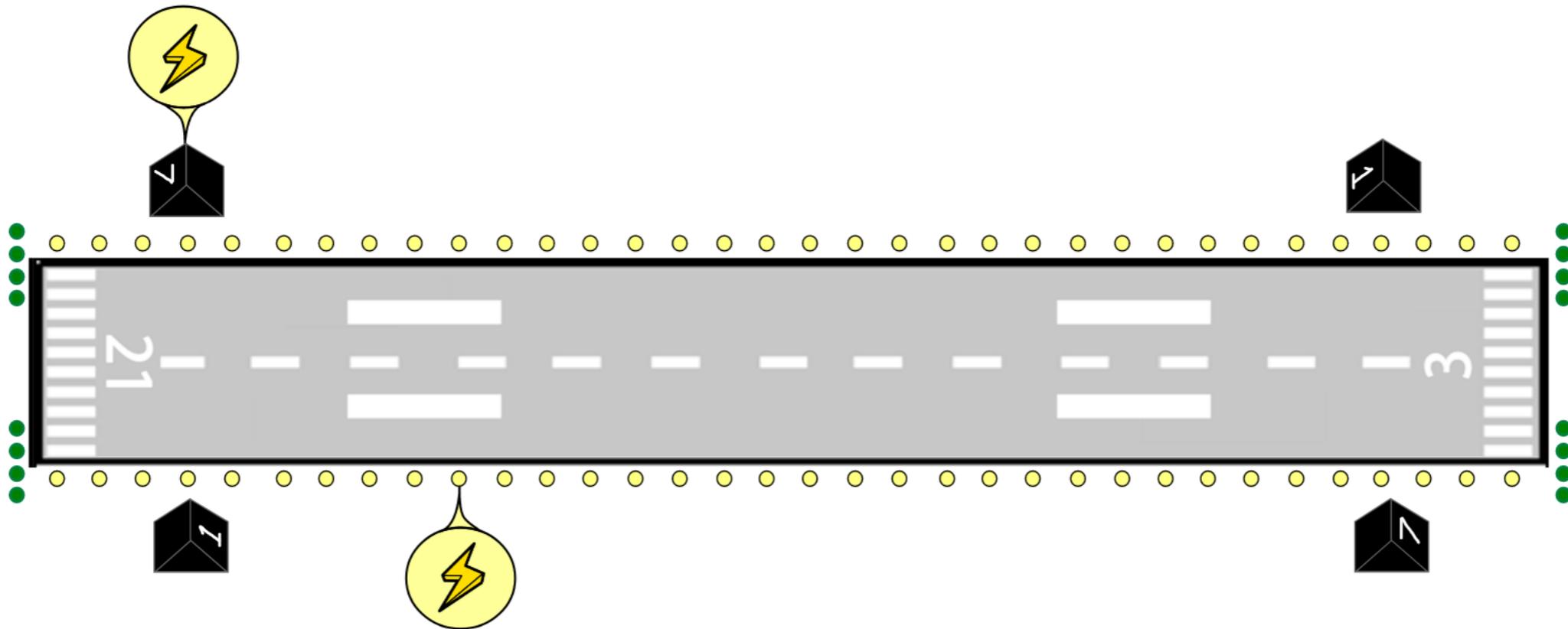
kilowatt-hours annually

Equivalent to greenhouse gas emissions avoided by:

recycling **930** bags of waste



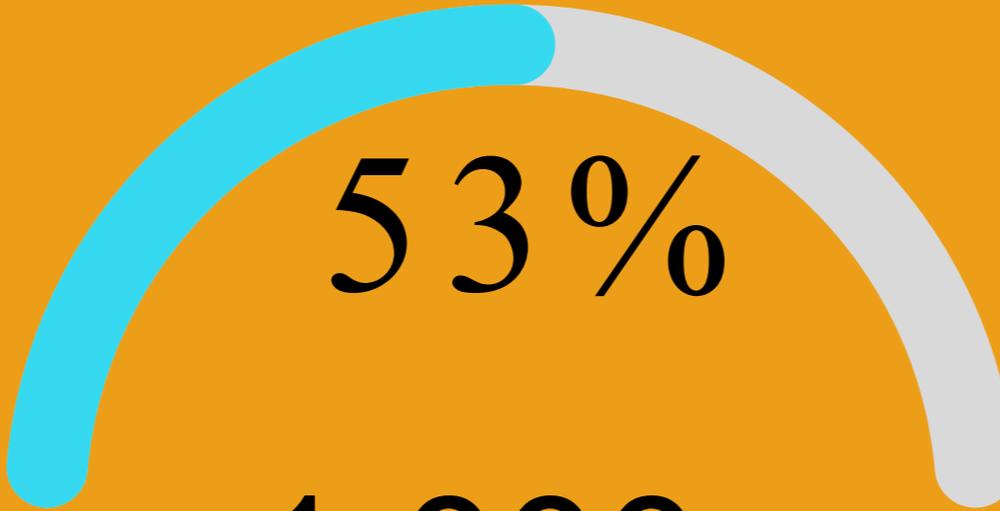
Overall electricity use for the Airport has been reduced by over **50%** since 2018



# Perimeter Road Rehabilitation, Airport Drive Rehabilitation, and Taxiway A4 Rehabilitation Projects

to be completed in 2023

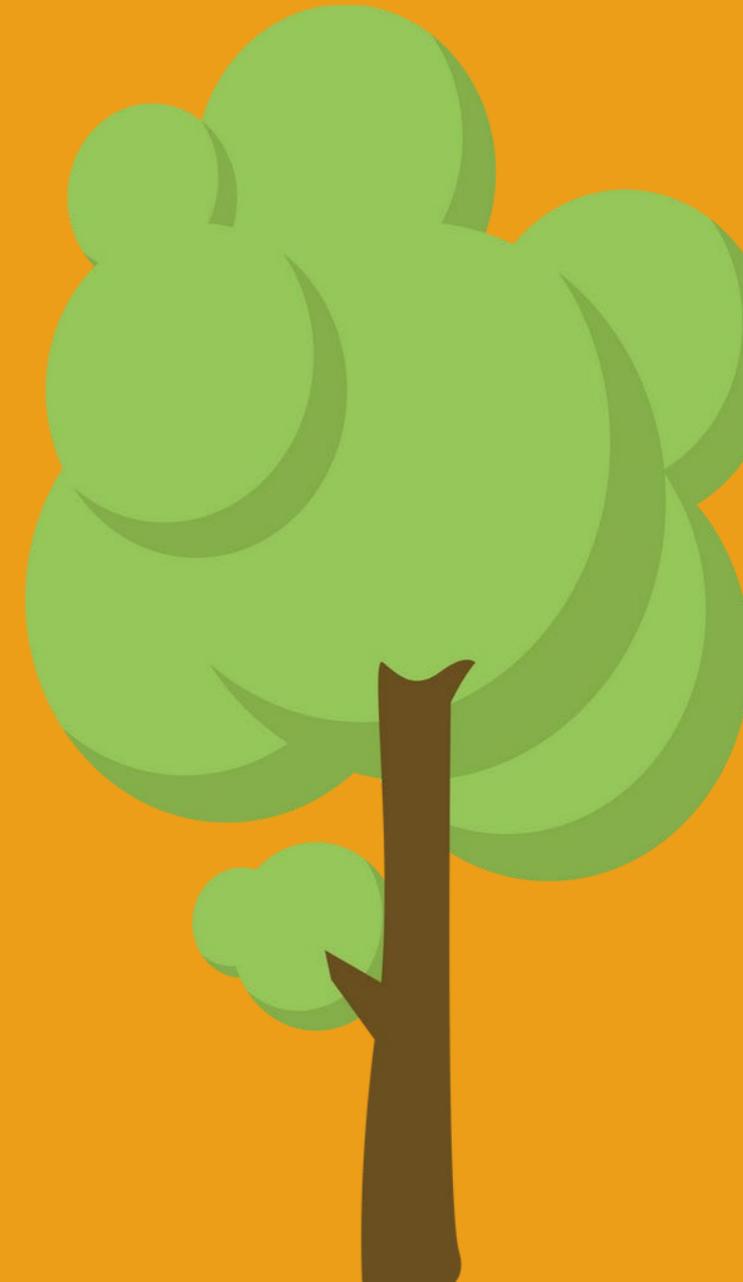
Increases life expectancy of the pavements by



53%

Saved **1,000** gallons of gas

equivalent to carbon sequestered by 147  
trees planted and grown for 10 years



# Westside Apron Lighting Upgrades Project

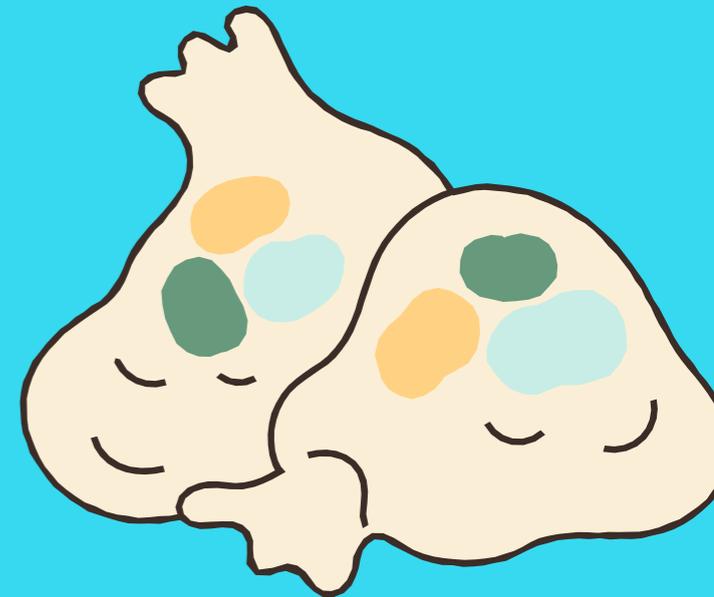
to be completed in 2023

saves

# 24,090

## Kilowatt-hours annually

equivalent to greenhouse gas emissions avoided by  
diverting **6** tons of waste from landfill  
to a recycling facility.



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Thank You!