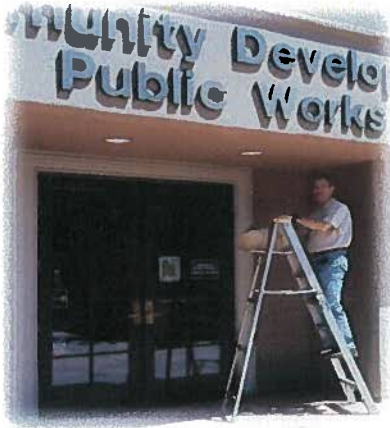


WHAT'S DIFFERENT ABOUT THE LIGHTING AT CITY HALL?

Lots! David DeMerritt, City of Sedona Facilities Supervisor, has been up on his ladder changing out every fixture with lower cost, longer lasting lights.



From the bollards to the wall lights, from the step lights to the recessed lights, LED lighting was selected for these applications due to its longevity and quality of light. LED bulbs are almost maintenance free and it will be 10 years before David will need to change them out. They lower the City's electrical costs and improve night-time safety.

For example, the cost to operate one bollard in the courtyard went from 14 cents per day or \$51 per year to 6 cents per day or \$22 per year.



Before the change-out, the cost to operate exterior lights was \$9.70 per day or \$3,540 per year. After the change-out, the cost dropped to \$5.13 per day or \$1,872 per year.

The parking lot poles and the Police Department garage were both retrofitted with induction lighting. Induction lighting is essentially fluorescent lighting without the filament. Gas in the tube is energized by a high-frequency magnetic field. Because they don't use the filament to energize the gas they can be expected to last more than 60,000 hours. The fixtures under the parking canopy remained as fluorescent tubes but were upgraded with electronic ballasts and lower wattage bulbs. Every fixture installed uses less energy than the one it replaced.

After David completed his research, ordered the bulbs and converted all of the fixtures, we asked him what his favorite part of the project was. He replied, "Turning on the lights and having every fixture work at the same time."