

**Energy Efficiency  
Conservation Block  
Grant Update**

# Background

- 2010 –\$2.3M EECBG grant received
- Nine initial projects proposed
  - Public education and Staff training projects
  - Six infrastructure improvements
    - Arrowhead UV System
    - Well 43
    - Main Library Lighting
    - Public Safety Court Complex Lighting
    - Sport Court Lighting
    - Traffic Signals LED Conversion
- Savings allowed for additional projects

# Education Projects



- Developed website  
[www.glendaleaz.com/energyprograms/index.cfm](http://www.glendaleaz.com/energyprograms/index.cfm)
- Energy Education Workshops

- Watt Watchers program
- Building Safety Program Enhancements



# Infrastructure Improvements – Main Library

## System Savings/Reductions:

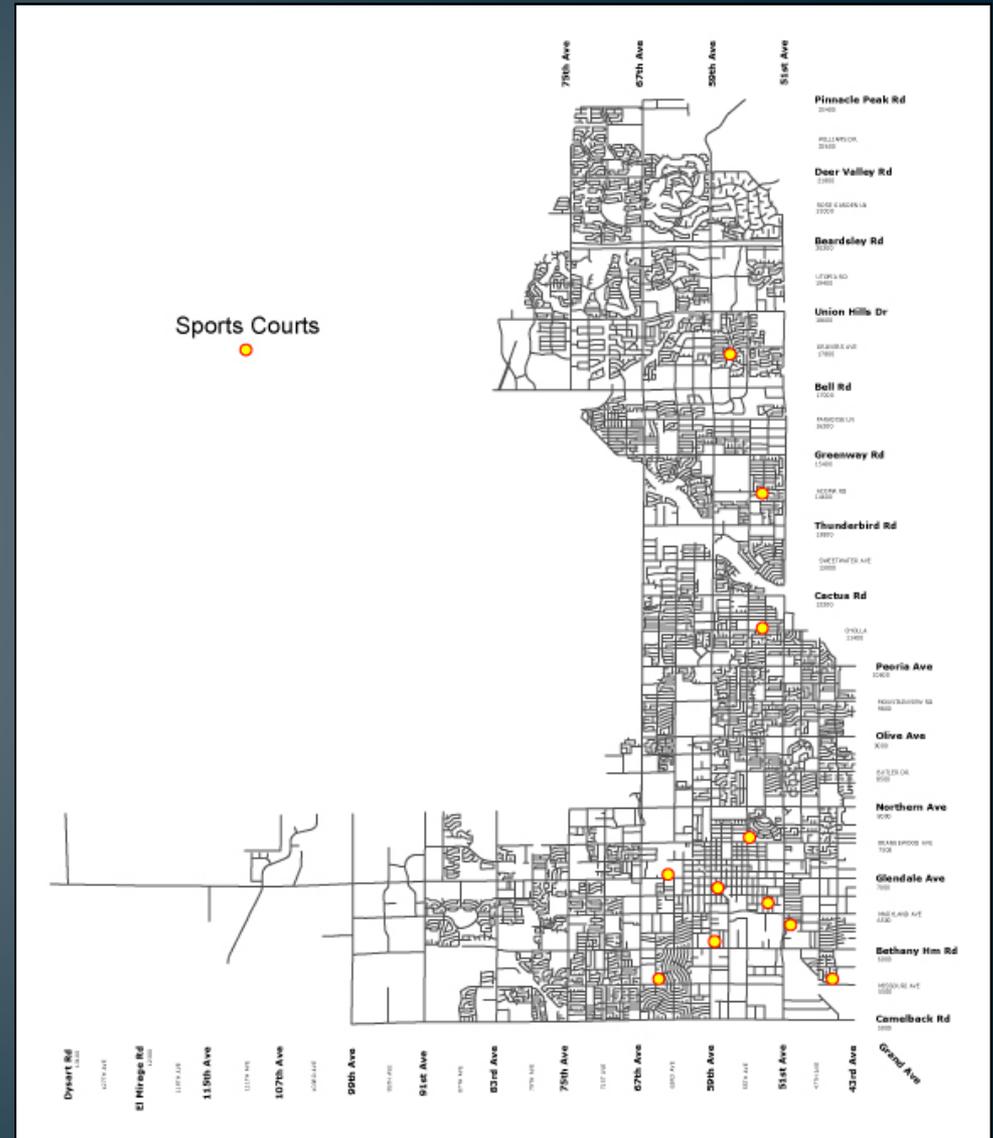
- \$18,690 annual cost savings
- 169,970 KWHs energy saved



# Infrastructure Improvements – Sport Courts

## System Savings/Reductions:

- \$12,472 annual cost savings
- 133,540 KWHs energy saved
- APS Rebate \$16,050



# Benefits

- Additional Projects Added
  - Municipal Complex Parking Garage Lighting Retrofit
  - Downtown Parking Garage Lighting Retrofit
  - Equipment Management Lighting Retrofit
  - Material Recovery Facility Lighting Improvements
  - Solar Lighting
- Financial – reduce ongoing electricity costs
- Created Jobs
- Reduced greenhouse gases
- Received rebates