PLANTING THE SEEDS OF SUCCESS.

# Trees in Our City

Southwest Desert Climate Region

# Trees. Worth Our Time.
# Worth Our Resources.

- Part of community infrastructure
- Vital to community health
- Community legacy
- Positive impact on business and tax base
- Wise investment of community dollars

# Trees. Vital to Community Health.

- Tree-filled neighborhoods:
  - Lower levels of domestic violence
  - Are safer and more sociable
- Tree-filled landscapes reduce stress
- Trees decrease need for medication and speed recovery times

# Trees. Important to Human Health.

- 100 trees remove 26 tons of $CO_2$/year
- 100 trees remove 305 lbs of pollutants per year, including:

  66 lbs of ozone

  91 lbs of particulates

# Trees Save the Environment.

- 100 mature trees catch about
  204,000 gallons of rainwater
  per year…
  - Less $ for stormwater control
  - Cleaner water

# Trees. A Savings for Homeowners.

- Save 24% of annual air conditioning costs
- Reduce outside temperatures by up to $5^0$ F

# Trees Sell Houses. (At higher prices.)

- Each large front yard tree adds about 1% to sales price
- Large specimen trees can add 10%, or more, to property values.

# Trees Mean Better Business.

In tree-lined commercial districts…

- More frequent shopping
- Longer shopping trips
- Shoppers spend more for parking
- Shoppers spend 12% more for goods

# Trees Pay Us Back.

100 Trees Over 40 Years...

**Benefits = $161,000**

- Energy
- Air Quality
- Runoff
- Real Estate

**Costs = $89,000**

- Planting - Pruning
- Removal/Disposal
- Irrigation
- Sidewalk Repair
- Litter
- Legal - Admin

# Pay Off: $72,000

# Plant Trees.  Create a Legacy.

Central Park, New York City

# The Bottom Line…

- Quality of life depends on tree benefits
- Benefits depend on healthy trees
- Healthy trees require quality care
- Quality care depends on you

# What You Can Do…

- Establish long-term goals for the community forest
- Fund programs for maintenance and care
- Support volunteer organizations
- Champion community trees

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Center for Urban Forest Research