



FY 2018 - 2022  
CAPITAL IMPROVEMENT PROGRAM  
OVERVIEW  
CITY COUNCIL STUDY SESSION  
APRIL 6, 2017

Presented by the Office of Management and Budget and the Engineering Department

# Agenda

- **Discuss Five Year Capital Improvement Program (CIP)**
- **Review CIP Funding**
- **Review Current Bond Authorization**
- **Highlight Planned Projects**

# Capital Improvement Program

- Multi-year plan for capital infrastructure
- Council appropriates funding for first year
- Individual construction contracts are brought to Council for approval throughout the year

# Project Types

## Funded

- Funding identified
- Programmed within five-year period

## Planned

- Funding not identified
- A need to complete within the five-year period

# CIP Funding

## General Obligation Bonds

- Approved by voters, debt service paid primarily with secondary property tax and impact fees

## Utility Revenue Bonds

- Approved by voters, debt service repaid with revenues generated from City utility operations

# CIP Funding

## Local Revenues

- City sales tax, state-shared revenue, and other revenue generated from City services

## Regional Awards/Grants

- Regional, state, or federal funding which allows the City to leverage City funding sources



# Operations & Maintenance

- Reviewed throughout the CIP project lifecycle
- Budgeted to ensure that the City can meet the operational responsibilities of capital improvements

## Examples:

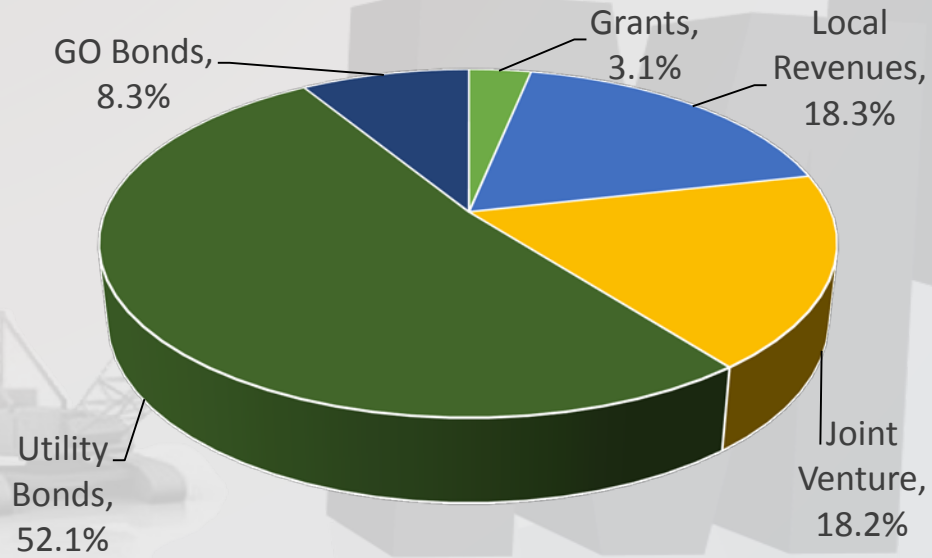
Landscape maintenance at City parks

Utility services for a City building

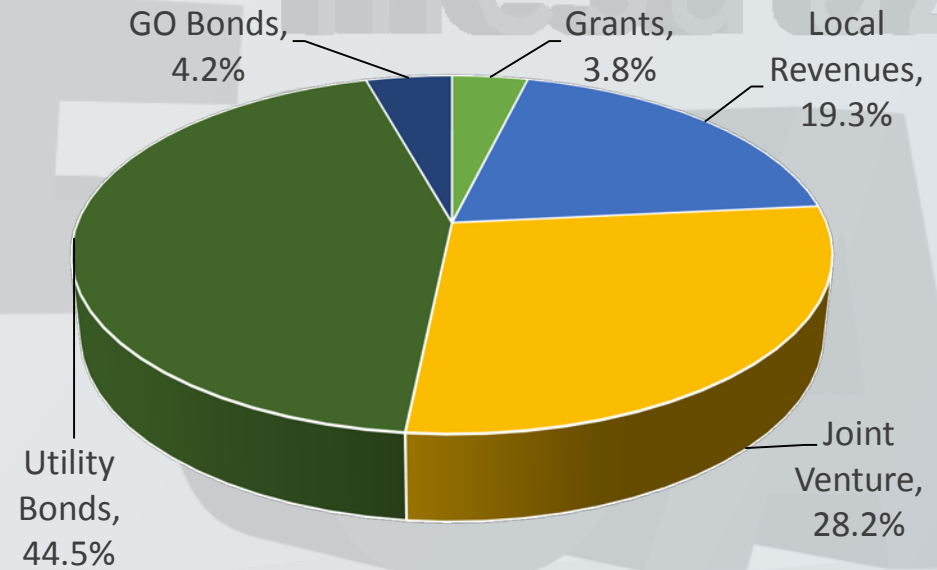
Staffing of a new fire station

# Funded Project Summary Proposed Five-Year CIP\*

FY 17/18



Five-Year



\*Does not include potential future bond elections

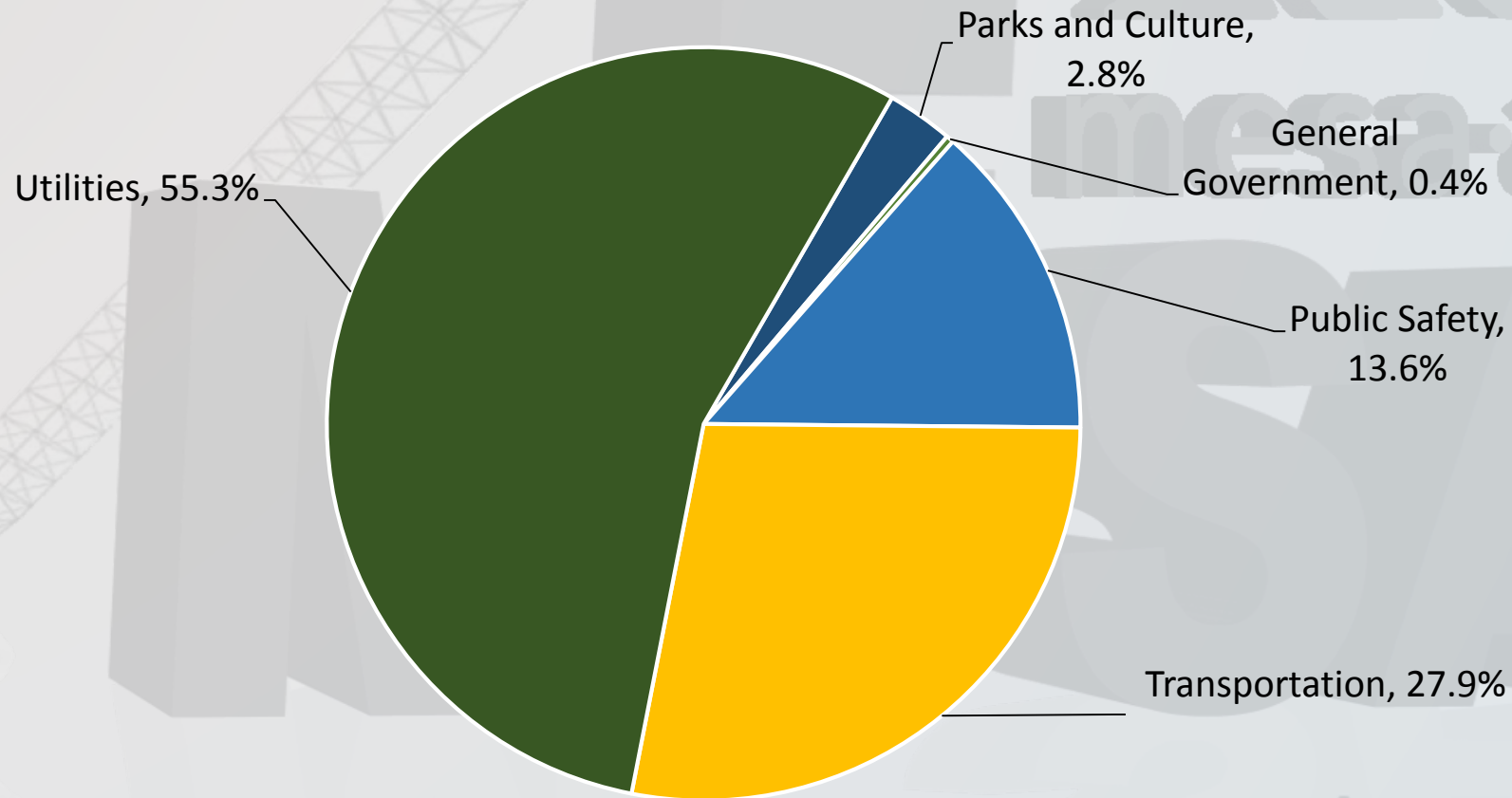


# Funded Project Summary Proposed Five – Year CIP\*

<u>Funding Source</u>	<u>FY 17/18</u>	<u>Five-Year</u>
General Obligation Bonds	\$24.2M	\$31.5M
Utility Revenue Bonds	\$151.8M	\$336.0M
Local Revenues	\$53.2M	\$145.1M
Joint Ventures	\$52.9M	\$212.4M
Grants	\$9.0M	\$28.7M

\*Does not include potential future bond elections

# Five-Year Category Funding\*



\*Does not include potential future bond elections

# Major Capital Projects



Parks



Public Safety



Transportation



Water Resources



Energy Resources

**General  
Obligation  
(April 6)**

**Enterprise  
(April 13)**

# Parks, Recreational, & Community Facilities

## 2012 Bond Program

~~\$70M~~

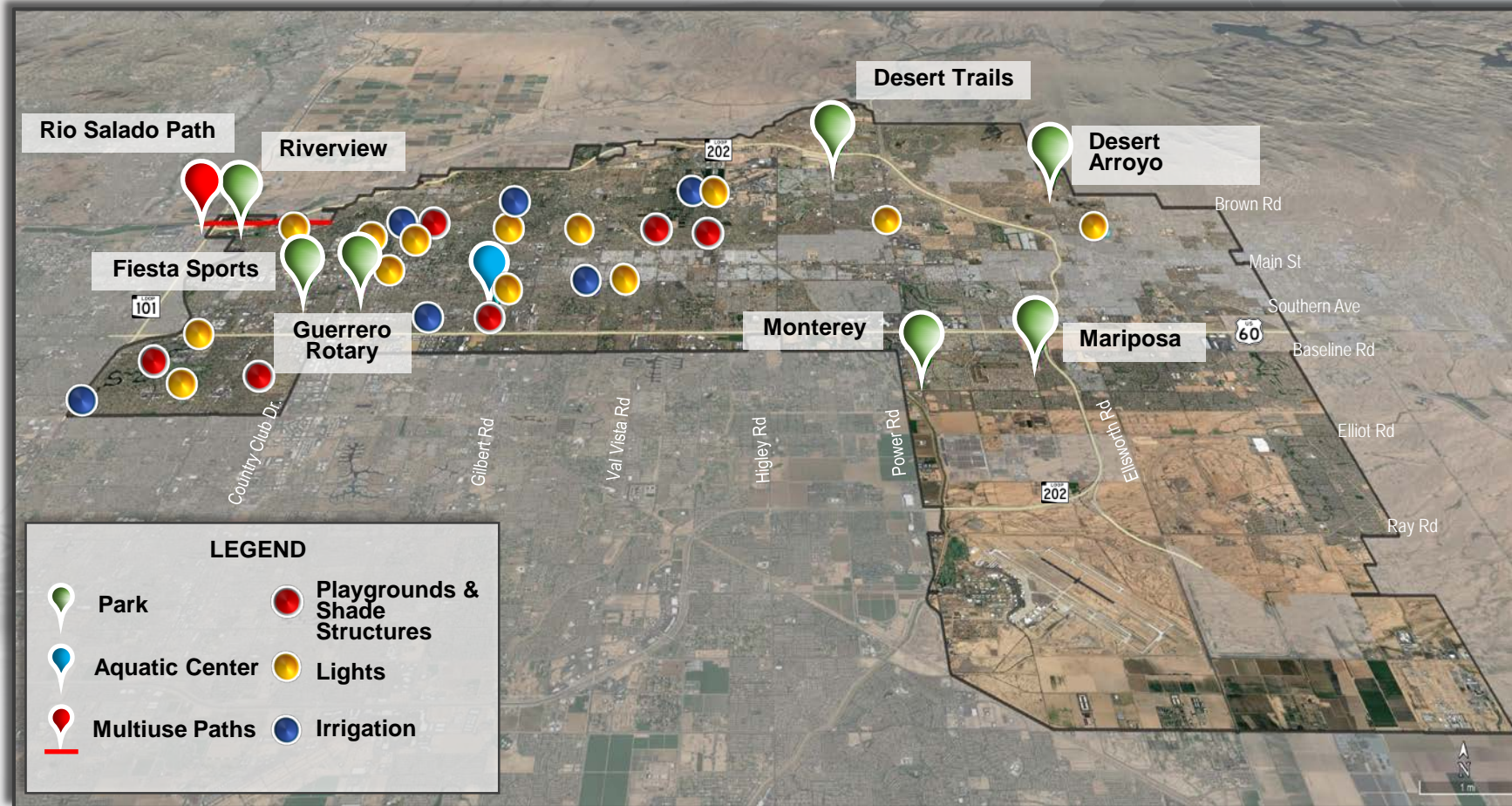
**\$77.7M\***

\*Increased with Grants and Operating Funds





# Completed Park Bond Projects





# Completed Parks & Paths



Riverview Park (renovation)



Rio Salado Path



Desert Arroyo Park



Mariposa Park



Desert Trails Park



# Completed Parks & Aquatics



**Fiesta Sports Park**



**Mesa Aquatic Complex**



**Guerrero Rotary Park  
(renovation)**



**Monterey Park  
(land acquisition only)**



# Completed Playground Upgrades





# Completed Shade Structures, Ballfield Lights, & Irrigation



## Ballfield Lighting:

- 25 fields
- 106 ballfield lights poles

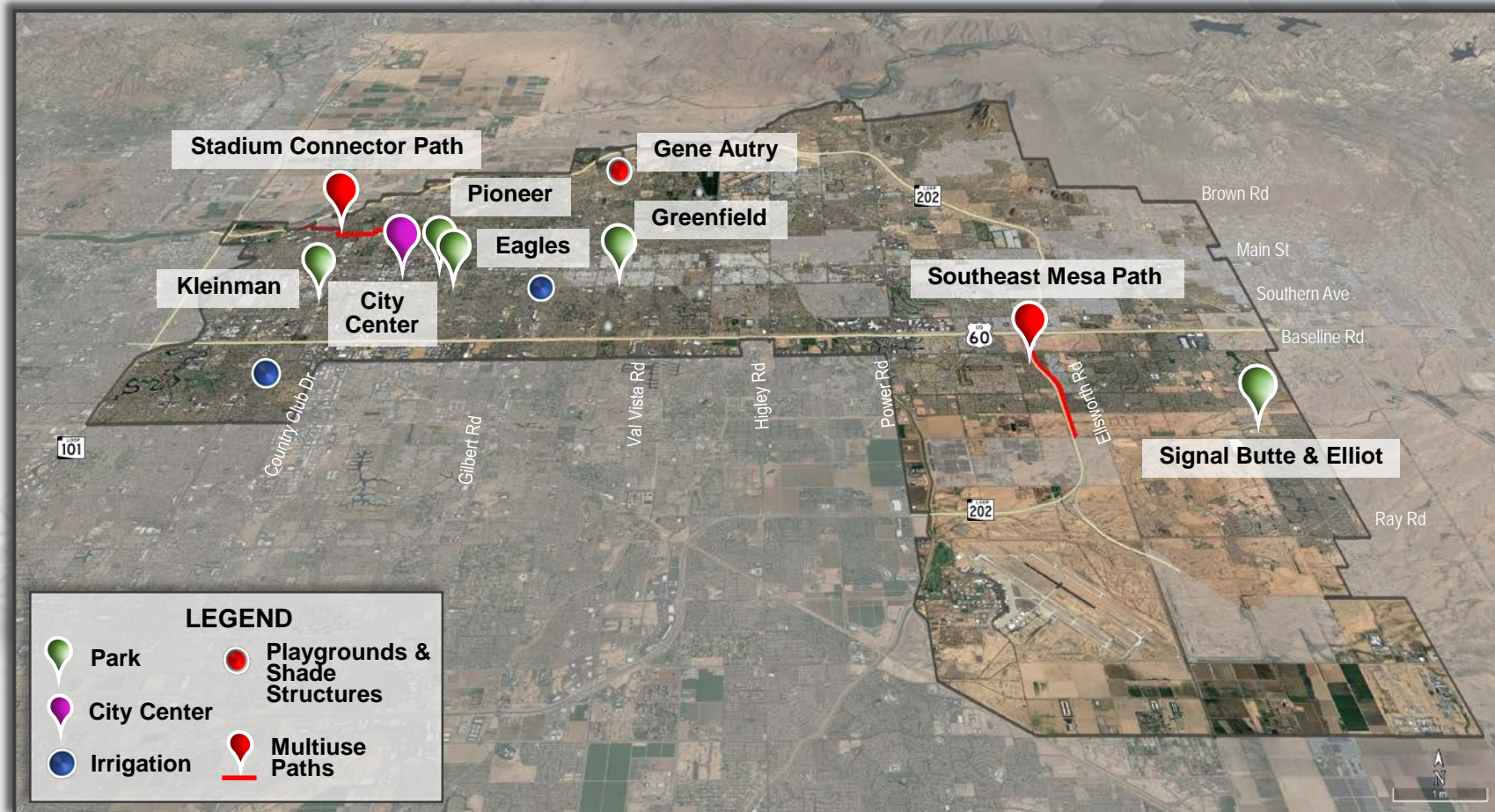


Rancho Del Mar Park



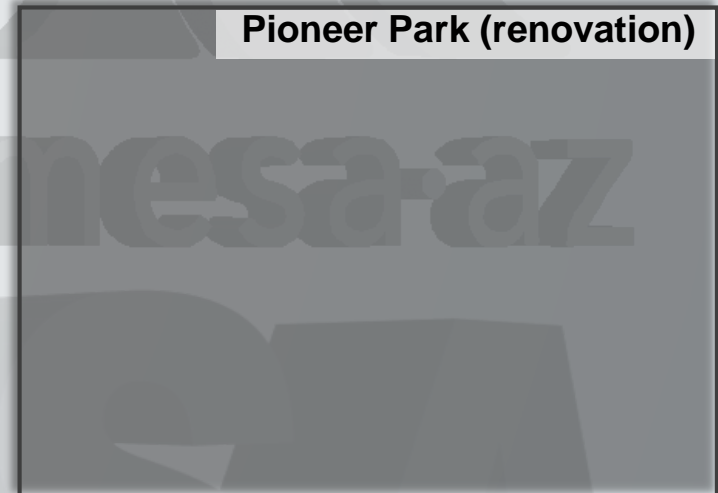
Kingsborough Park

# What's Left?

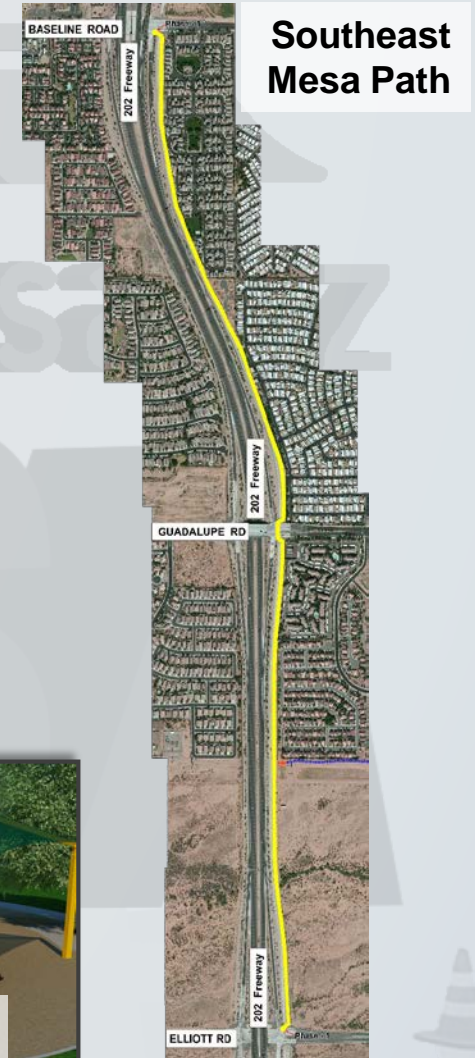




# What's Left...Under Design



# What's Left... Under Construction





# 2012 Parks Bond End Results...

46+ Total Projects 😊

- **6 New Parks** (Desert Trails, Mariposa Park, Desert Arroyo Park, Fiesta Sports Park, Eagles Park & Community Center, Signal Butte & Elliot Park)
- **1 New Aquatic Center** (Mesa Aquatic Center)
- **6 Park Renovations** (Riverview Park, Monterey Park Land Acquisition, Guerrero Rotary Park, Kleinman Park, Greenfield Park, Pioneer Park)

## 2012 Parks Bond End Results (Cont'd.)

- **6 New Playground upgrades** (Porter Park, Pequeño Park, Emerald Park (with shade), Vista Monterey Park, Dobson Ranch Park (with shade), Gene Autry Park (with shade))
- **2 New Shade Structures over existing playgrounds** (Rancho del Mar Park & Kingsborough Park)
- **13 Sites with New Ballfield Lighting** (25 ballfields with 106 ballfield light poles)

# 2012 Parks Bond End Results (Cont'd.)

- **9 Sites with Irrigation System Upgrades** (Many other sites with new irrigation controllers)
- **3 New Multiuse Pathway Projects** (Rio Salado, Stadium Connector, Southeast Mesa Bike and Ped. Path, which includes approximately 6 miles of new paths)
- **New PRCF Signs throughout the Park System** (Primarily site identification & rules)

# Public Safety

- 2013 Bond Program \$51.7M
- Grants (Emergency Operations Center) \$0.5M





# Completed Public Safety Projects





# Completed Projects

**Police Holding Facility**



**Communications Building  
Electrical/Mechanical**



**Fire & Medical Dispatch Center**



**Evidence Freezer**



**Police Shooting Range**



**Fire Station 203**

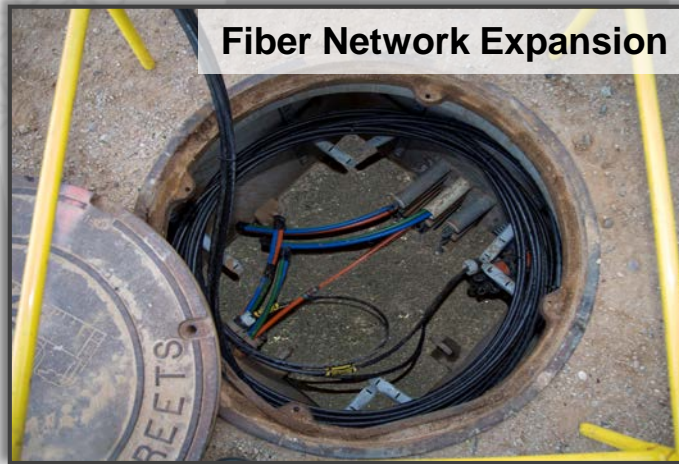




# Completed Projects



**Police Aviation Hanger**



**Fiber Network Expansion**



**8 New Fire Apparatus & Vehicles**



**McDonnell Douglas MD530F Helicopter**



# What's Left



# 2013 Public Safety Bond End Results...

- **8 New Apparatus** (6 pumper trucks, 2 ladder trucks, 1 air/light rehab vehicle, 1 command vehicle)
- **1 Fire Dispatch Center**
- **1 Emergency Operations Center**
- **1 Fire Station** (No. 203 on Alma School north of Broadway)
- **Fire Burn Training Facility**
- **Fiber to Radio Network** (8.2 Miles of conduit, 31 miles of fiber)

# 2013 Public Safety Bond End Results (Cont'd)

- 1 MD 530F Police Helicopter
- Police Aviation Hanger Remodel
- Police Evidence Freezer
- Police Holding Facility Remodel
- Police Shooting Range Security



# Transportation

**2013 Bond Program  
\$79.1 M**



# Regional Transportation Funding

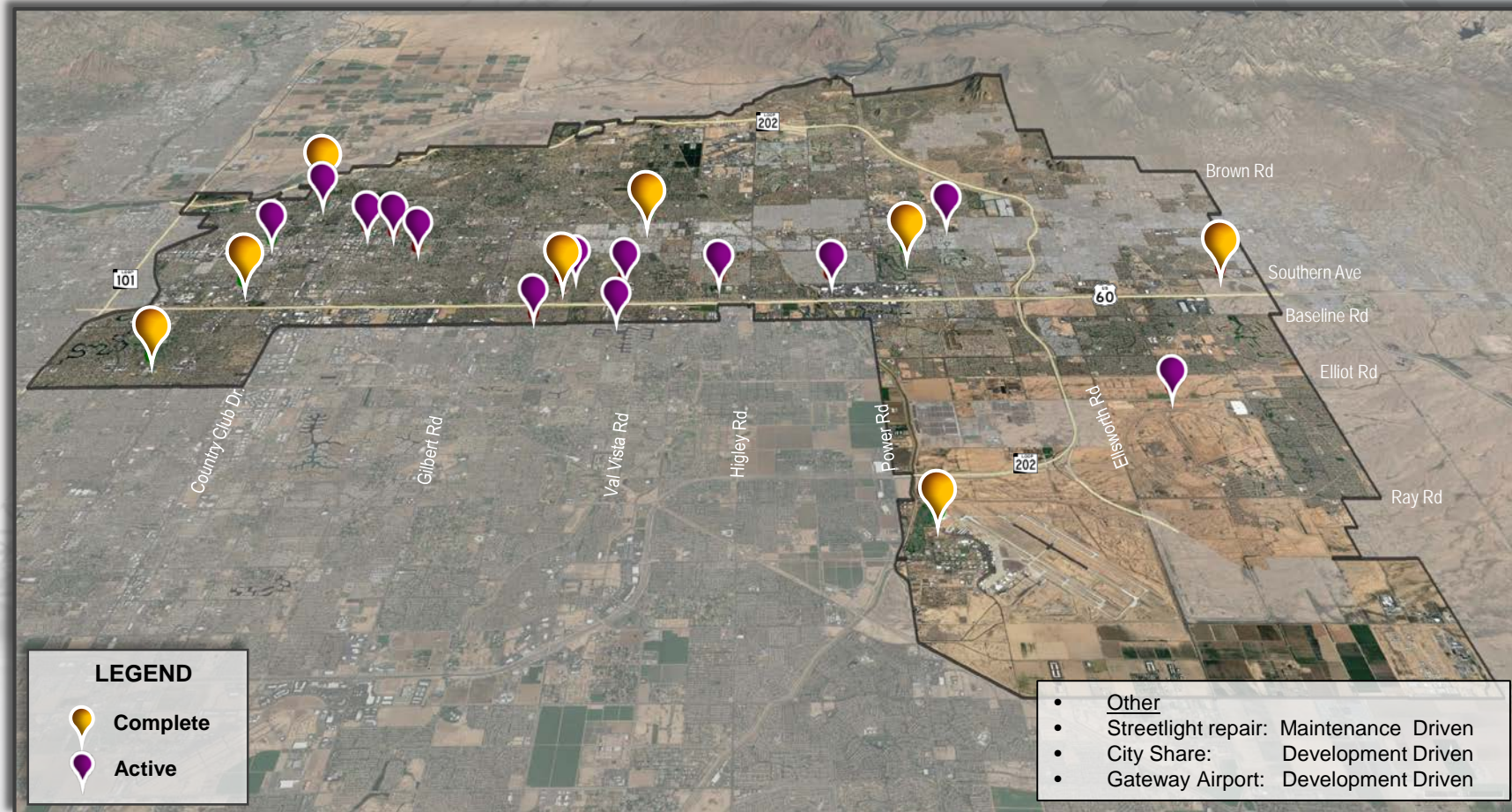
Prop 400: 2006 to 2025  
1/2¢ Sales Tax Countywide

Mesa's Reimbursement To Date = **\$49M**

Add'l Expected Reimbursement for Funded Projects  
= **\$50M**

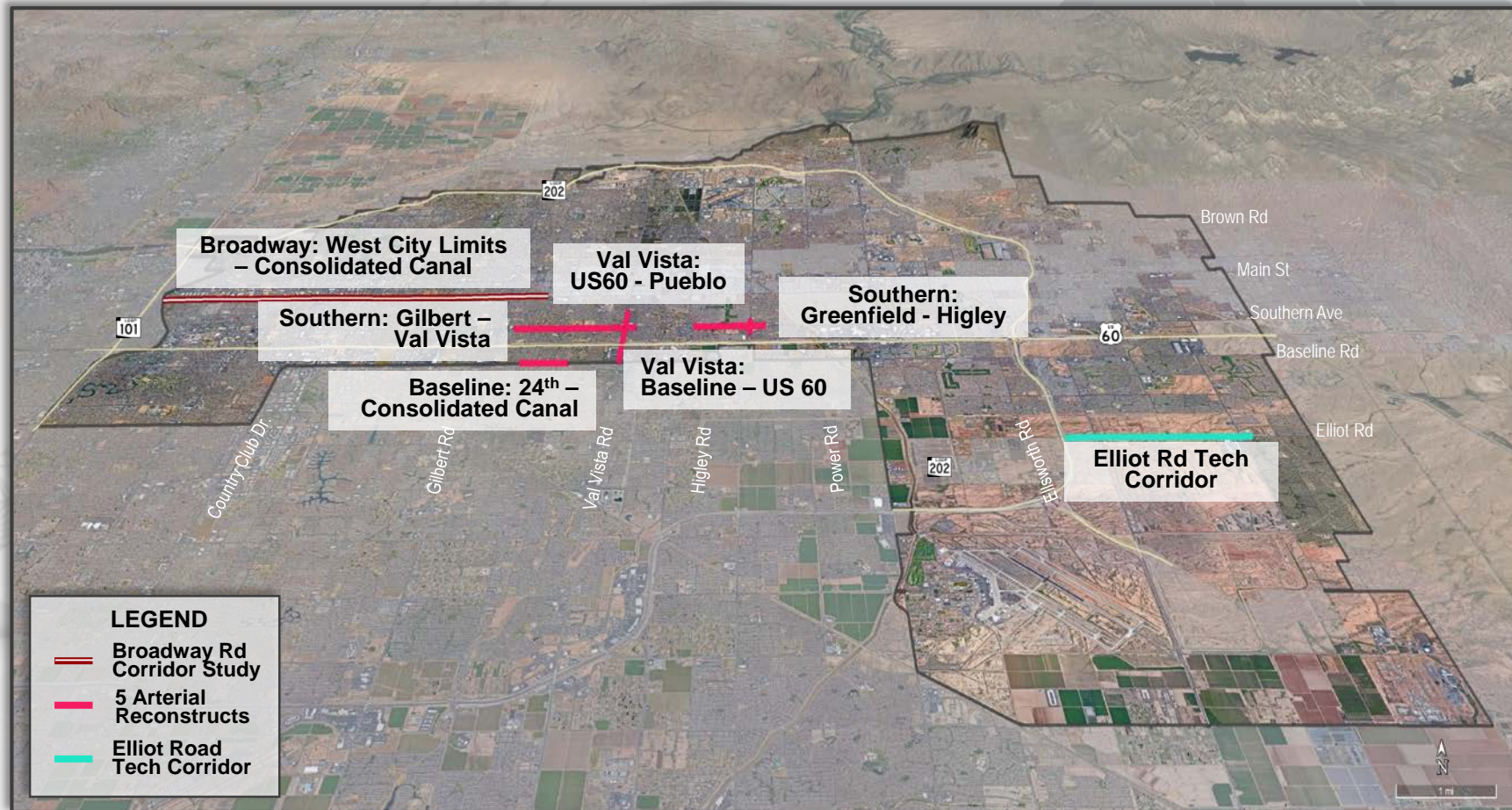


# Transportation Projects





# Added Transportation Projects





# Transportation - Landscaping Projects

Fairway Drive Landscaping



Lindsay and Southern Landscaping



1st Avenue Improvements



Guadalupe Road Landscaping





# Transportation - Arterial Street Paving Projects

Signal Butte - Southern to Weir



Cold-in-Place Recycling



University - Sossaman to 88th



University - Sossaman to 88th

Sossaman - Ray to Tahoe





# Transportation - Roadway Improvement Projects

Elliot Road Tech Corridor



Mesa Drive Phase II



Fiesta District Phase II



# 2013 Transportation Bond End Results...

20+ Total Projects ☺

- **10th Street/Stadium Connector**
- **7 Major Arterial Reconstruct Projects** (Broadway – Power to Sossaman, Sossaman - Ray to Tahoe, University – Sossaman to 88th, Signal Butte - Southern to Weir, Southern – RWCD to Power, University – 24th to Val Vista, Alma School –Broadway to Main)
- **Added 5 Arterial Reconstruct Projects** (Southern – Gilbert to Val Vista, Southern – Greenfield to Higley, Baseline – 24th to Consolidated, Val Vista – Baseline to US 60, Val Vista US 60 to Pueblo)
- **Added Broadway Corridor Study** (West City limits to Consolidated Canal)
- **Added Elliot Road Tech Corridor** (202 to Signal Butte)



# 2013 Transportation Bond End Result (Cont'd)

- **Fiesta District Phase II** (Tempe Canal to Solomon)
- **Mesa Drive and Broadway** (Mesa Drive Phase II)
- **4 Landscaping Projects** (1st Avenue, Guadalupe – Dobson to Alma School, Fairway Drive, Lindsay at Southern)
- **Numerous Streetlight Replacements throughout the Streets System**
- **Developer-driven city share projects**

**There's more . . .**

# **Online Active CIP Project Map**

[Mesa Active CIP Projects Map](#)

# Planning the Next Mesa

- **Current General Obligation authorization nearly exhausted**
- **Ongoing planning to include:**
  - **Alignment with Council Strategic Initiatives**
  - **Community Engagement**
  - **Department Analysis**



# Planned Projects Parks



- Parks Strategic Master Plan



# **Planned Projects Public Safety - Police**

- **Police Evidence Facility**
- **Police Aviation**
- **Northeast Police Substation**
- **Existing Facility Renovations**
- **Public Safety Driving Track Reconstruction**

# Planned Projects Public Safety - Fire

- Fire Station 221: Eastmark
- Replacement Fire Apparatus
- Fire Station 205 Rebuild
- Land Acquisition for Future Fire Stations



# Planned Projects Transportation

- Southern Avenue – Country Club and Stapley Intersection Improvements
- Broadway Road Improvements
- Arterial Reconstruction
- Signal Butte Road: Williams Field to Pecos

# Calendar

- April 13th – Utilities CIP Discussion
- May 22nd – Adoption of Five-Year CIP



**Discussion**