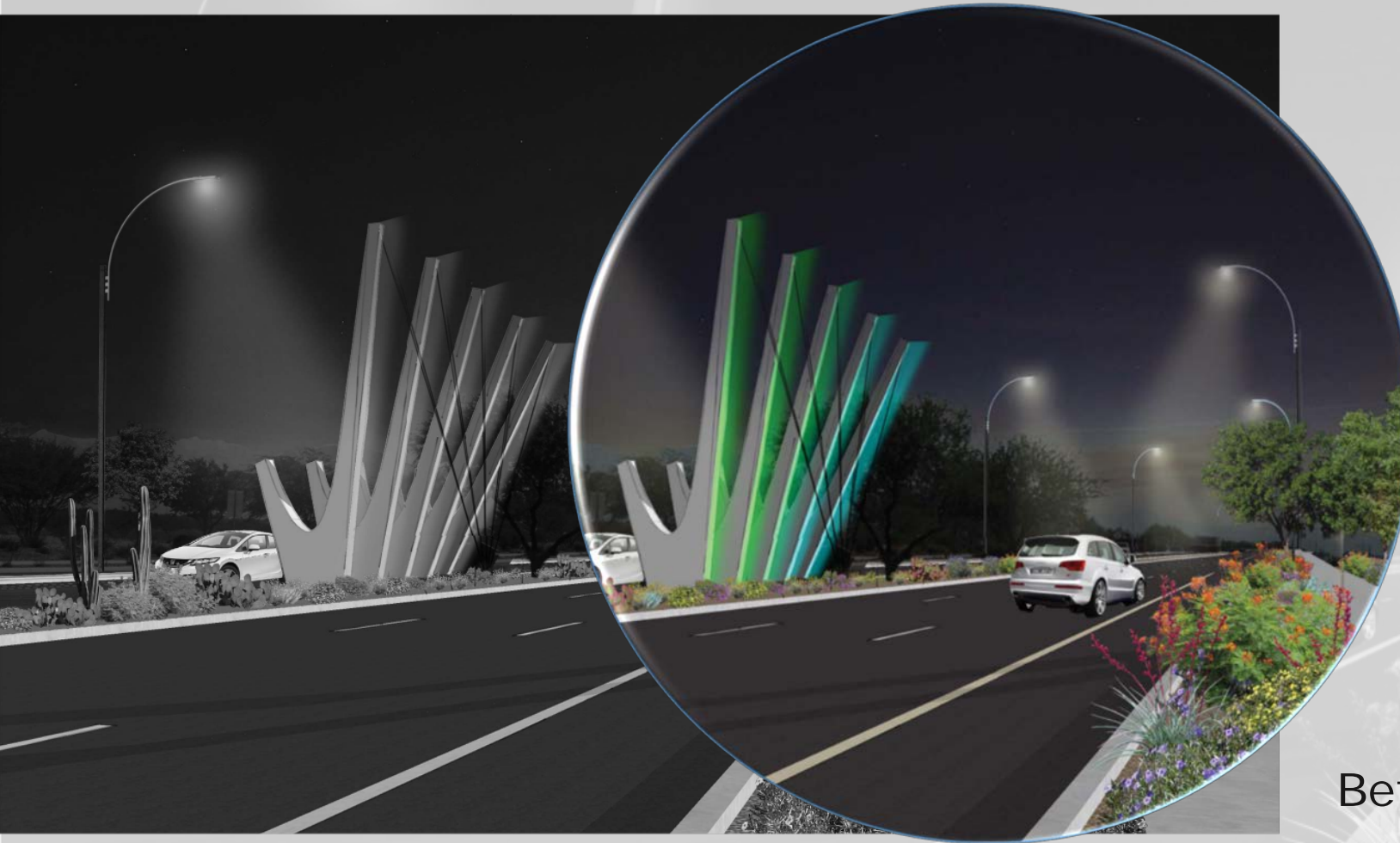


FY 2020-2024 CIP Overview



City Council
Study Session
4/4/2019

Beth Huning | City Engineer

Scott Butler | Office of Management & Budget



Agenda

- Discuss Five Year Capital Improvement Program (CIP)
- Review Current Bond Authorization
- Review Active Projects
- Discuss Future CIP

Major Active Capital Projects



Parks



Public Safety



Transportation



Water



Wastewater



Gas



Electric

Project Types

Funded

- Funding identified & allocated
- Programmed within five-year period

Planned

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

CIP Funding Sources

Local Revenues

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

Regional Awards/Grants

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

CIP Funding Sources

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

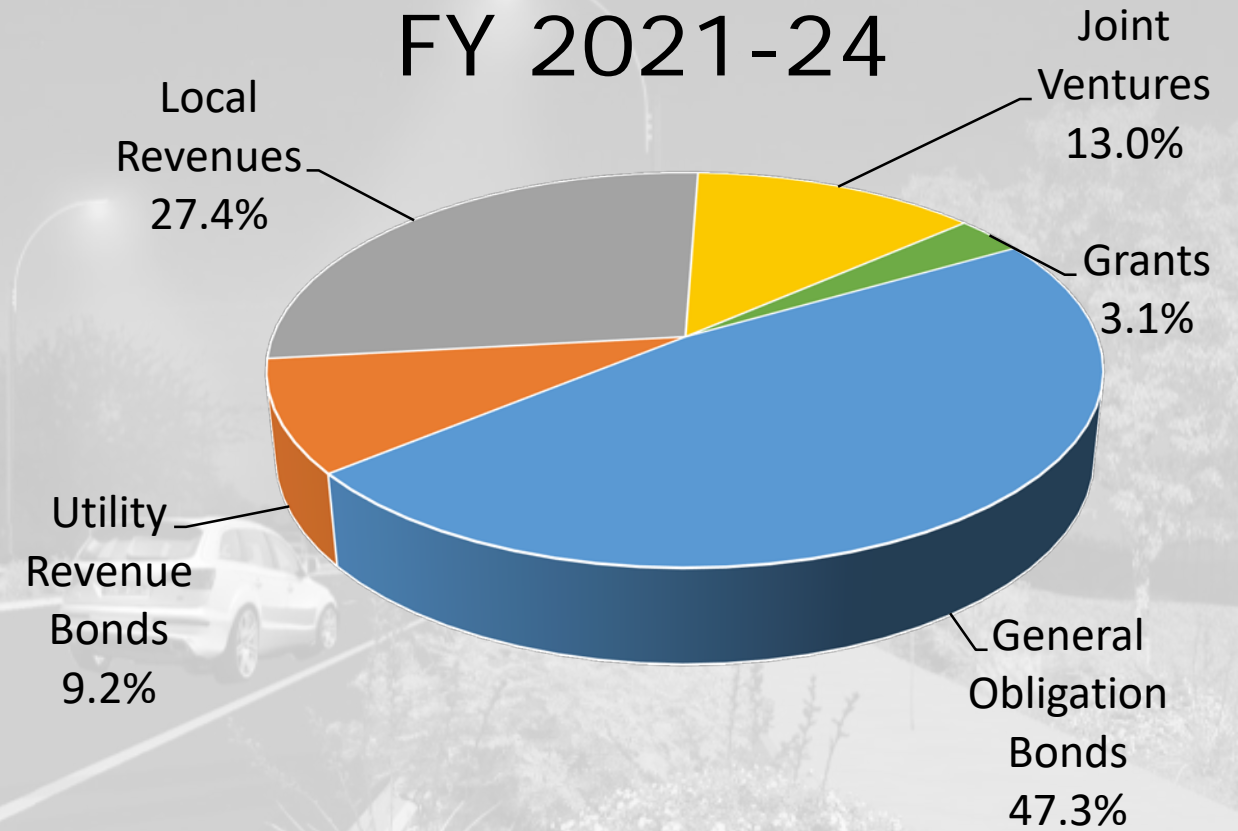
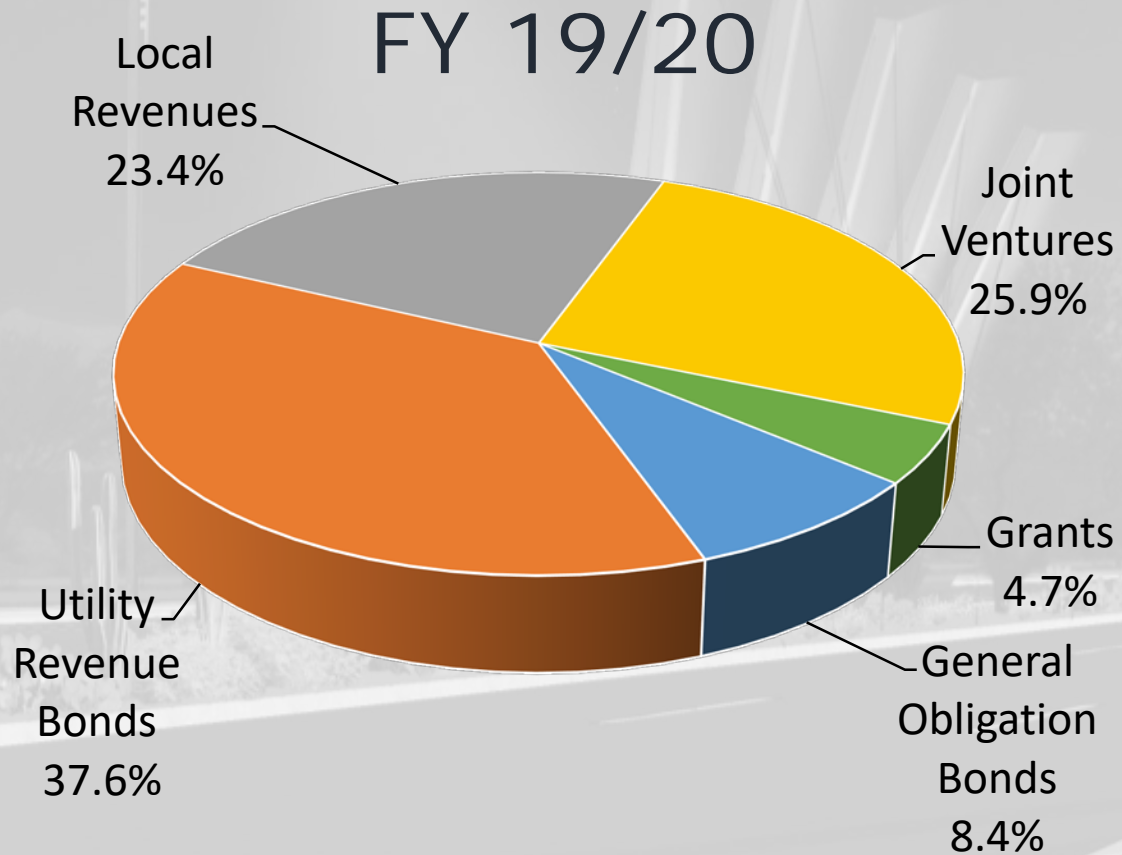
Operations & Maintenance

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

Examples:

- Staffing a new fire station
- Chemical cost to treat wastewater
- Landscape maintenance at City parks
- Utility services for new City facility

FY 2020-24 CIP



*Does not include budget carryover

FY 2020-24 CIP

Funding Source	FY 19/20	FY 2021-24
General Obligation Bonds	\$32.9M	\$147.2M
Utility Revenue Bonds	126.8M	28.6M
Local Revenues	74.2M	85.0M
Joint Ventures	81.8M	40.4M
Grants	15.0M	9.7M
	\$330.7M	\$310.9M

*Does not include budget carryover

Status of 2012 & 2013 General Obligation Bond Authorization



Parks



Public Safety



Transportation

Remaining Bond Authorization after FY 19/20



Parks

2012 Bond
Authorization

\$70M

Remaining
\$0.1M



Public Safety

2013 Bond
Authorization

\$51.7M

Remaining
\$1.4M



Transportation

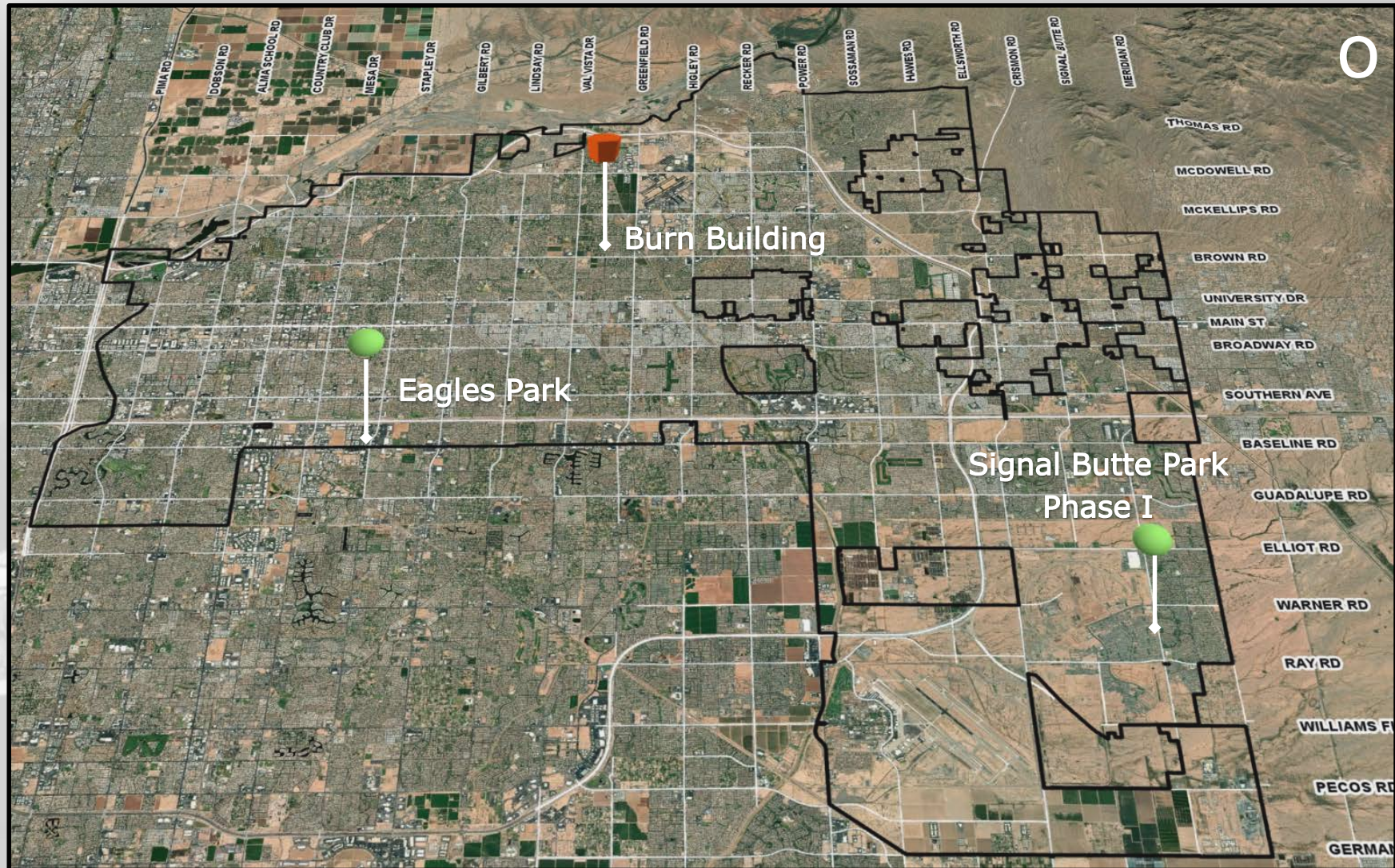
2013 Bond
Authorization

\$79.1M

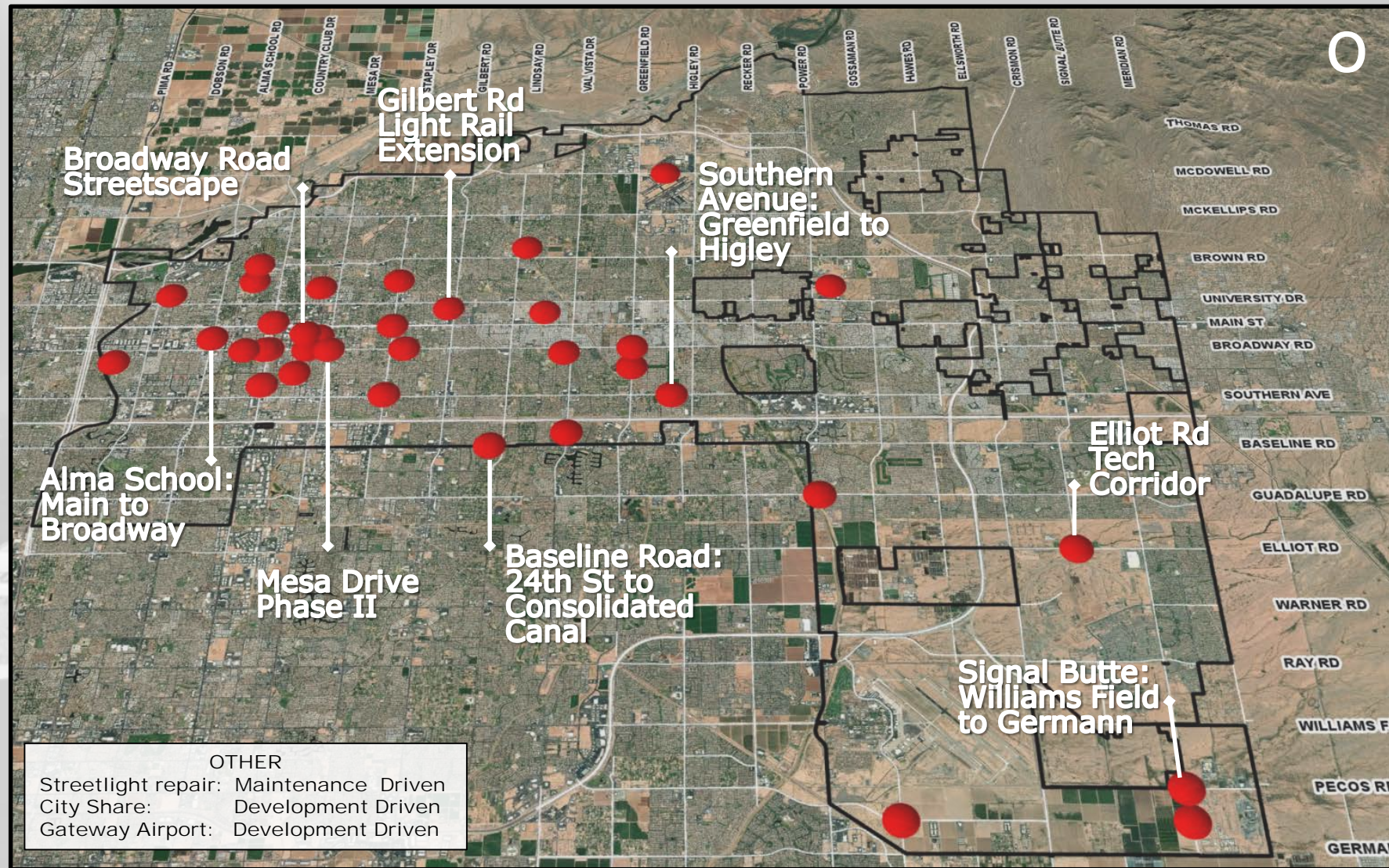
Remaining
\$1.9M



Parks & Public Safety Pre-2018 Authorization



Active Transportation Projects



2018 GO Bond Program Underway



Parks/Culture

City Center Plaza
Library Improvements
North Center Street
Monterey Park
Red Mountain Park



Public Safety

Communication Fiber
Fire Apparatus Replacement
Fire Station 221
Northeast Public Safety Facility



Active Utility Projects



Remaining Bond Authorization after FY 19/20



Water

2014 Bond
Authorization

\$315.7M

Remaining
\$20.5M



Wastewater

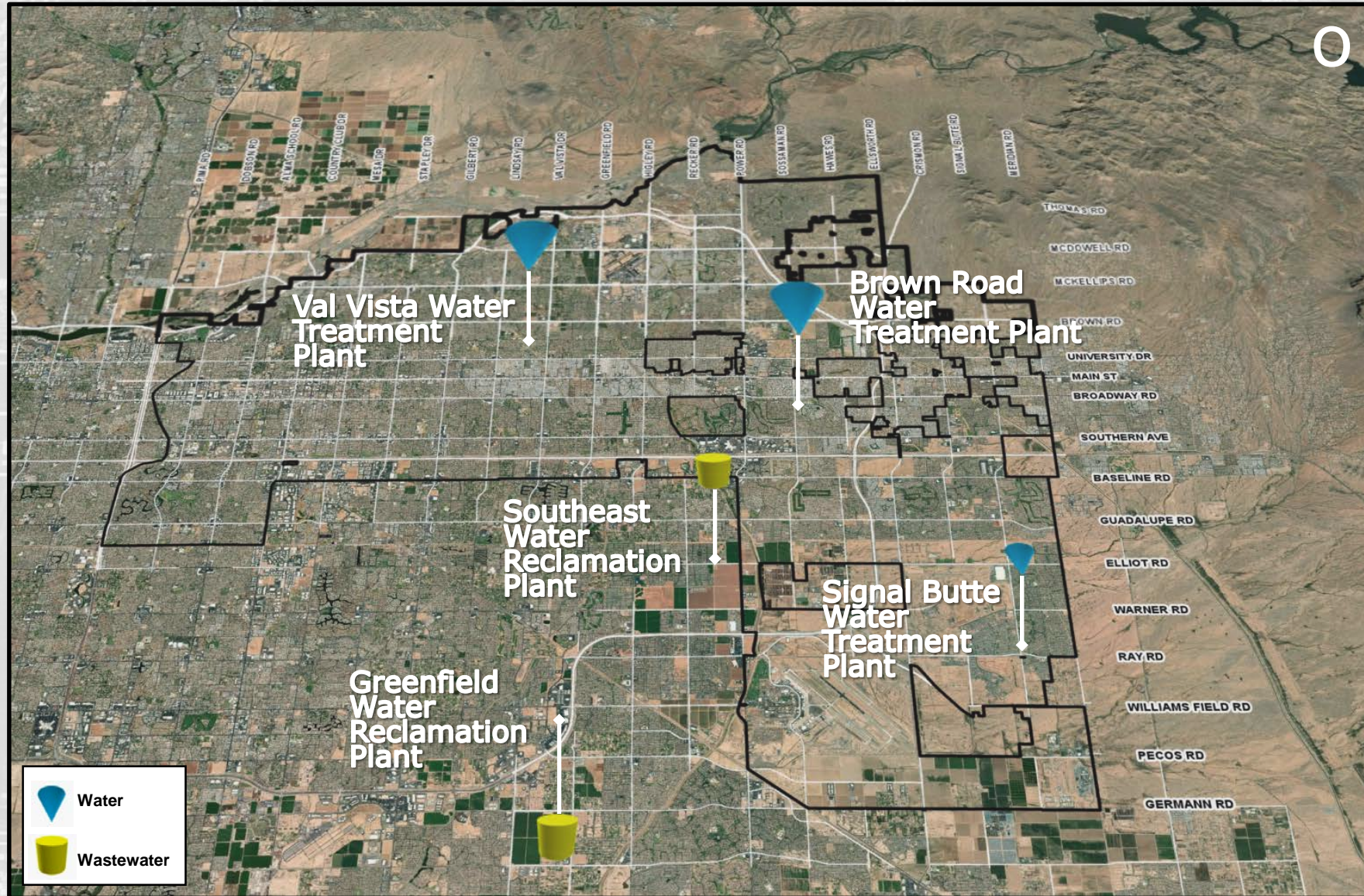
2014 Bond
Authorization

\$178.2M

Remaining
\$6.8M



Major Active Water & Wastewater Projects



Remaining Bond Authorization after FY 19/20



Natural Gas

2014 Bond
Authorization

\$59.1M

Remaining
\$1.1M



Electric

2014 Bond
Authorization

\$27.0M

Remaining
\$0.1M



Nature of Electric and Natural Gas Projects

PROJECT SCHEDULE DRIVERS:

- Gas & Many Electric are Under Streets + Gas Joint Trenched with Water:

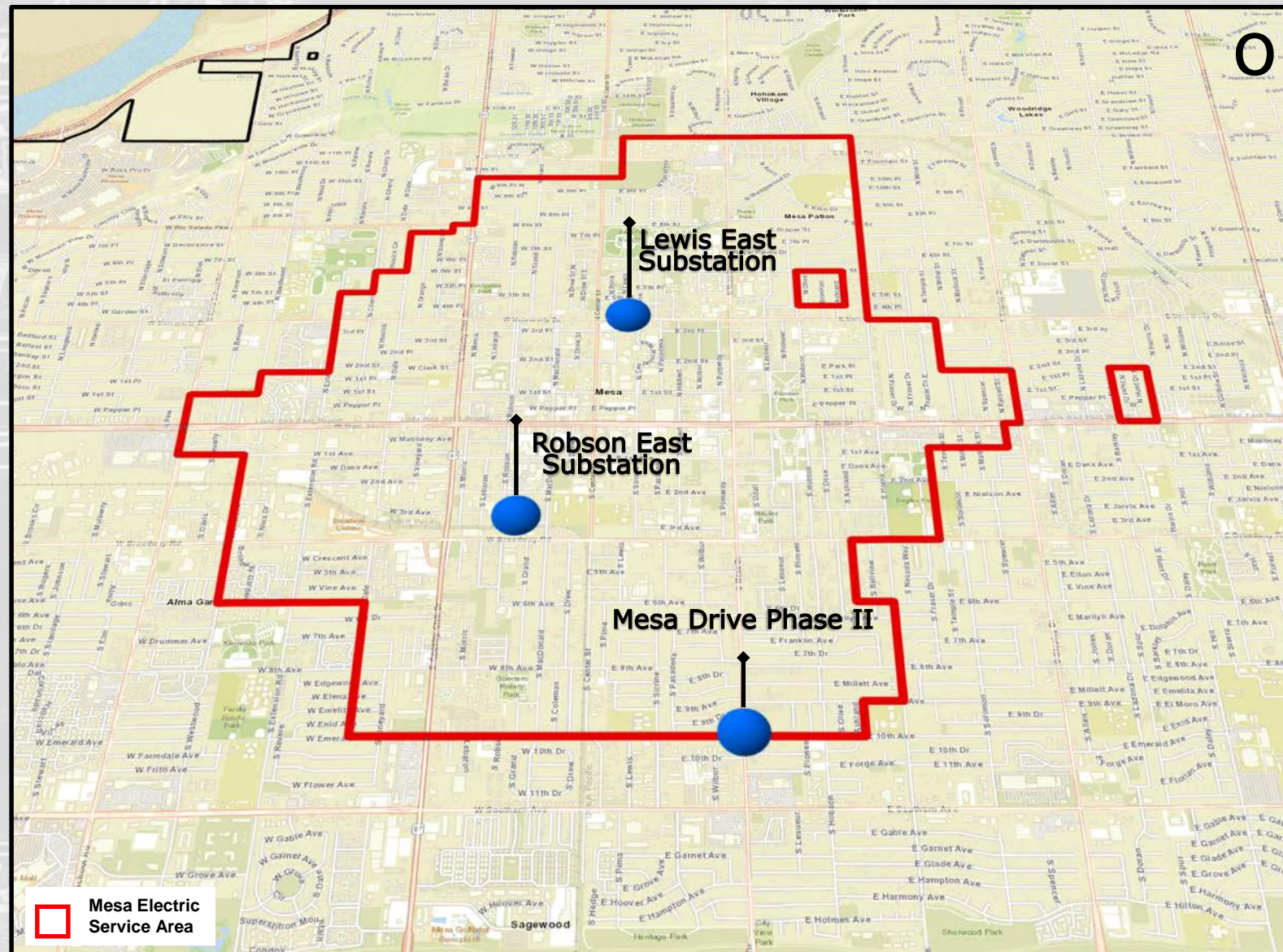
\$20M or 23% of Program

- Customer Demand + New Customers:

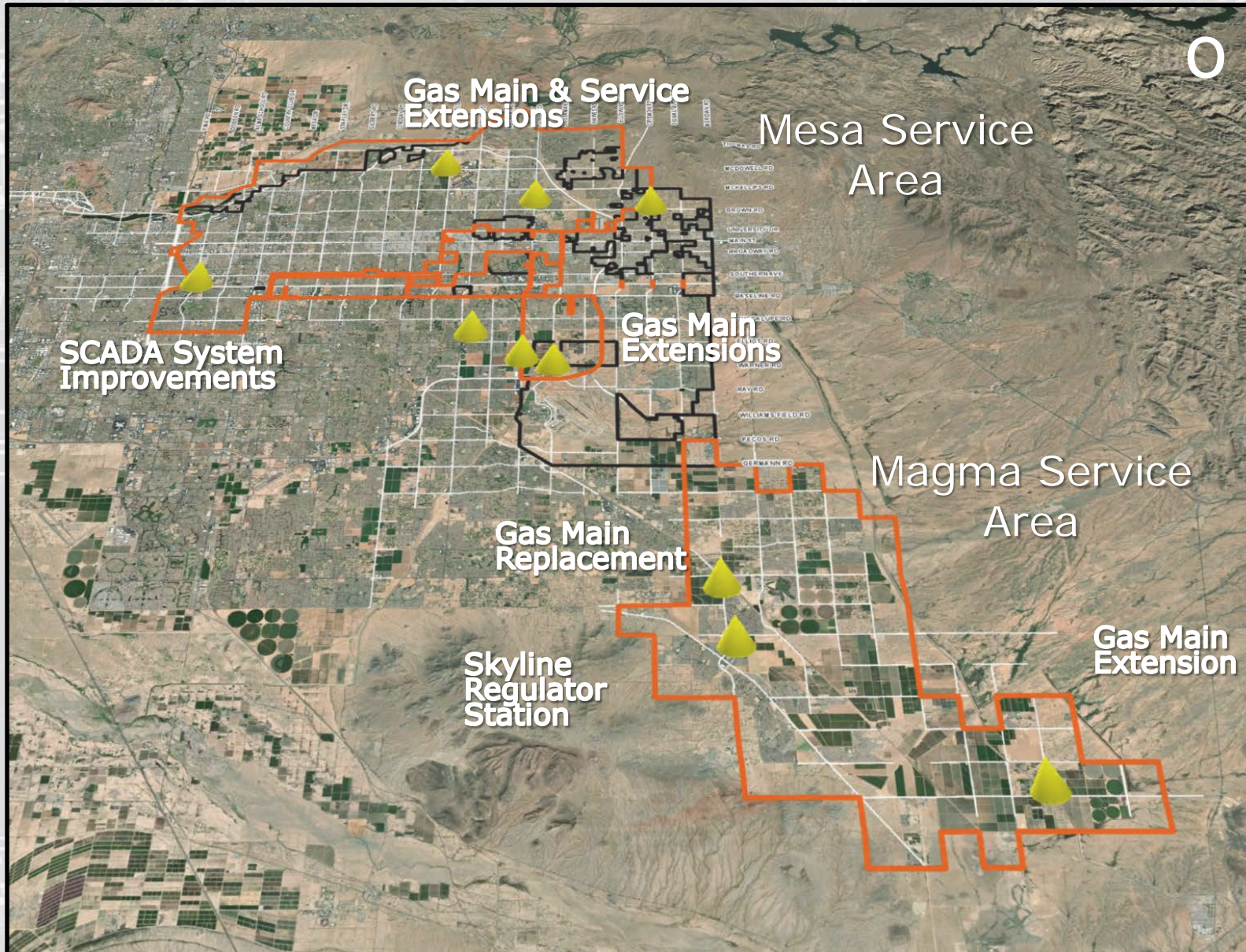
\$30M or 35% of Program



Major Active Electric Projects



Active Gas Projects





Future CIP Opportunities

Transportation

New Growth

- Signal Butte: Williams Field to Germann

Safety/Capacity

- Broadway Road (Phase 1): Mesa Dr to Stapley
- Stapley & University Intersection Improvements
- Power Road: East Maricopa Floodway to SR202

Pavement Condition/ Maintenance

- Southern Ave & Country Club
- Arterial Reconstruction

Storm Water

- Pecos Road (Phase 1)
 - Storm Drain Pump Stations
-



Utilities

Lifecycle Replacement

- Aging Infrastructure Replacement
- Lift Station Rehabilitation

Contractual Obligations

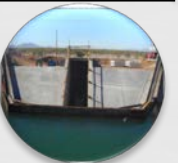
- 91st Avenue Wastewater Treatment Plant
- Val Vista Water Treatment Plant

Customer Demand

- Utility Line Service Extensions
- Sewer Line Extensions to Unsewered Areas

System Reliability

- Electric System Underground and Overhead
 - Advanced Metering Infrastructure (AMI)
-



Calendar

April

Program Reviews w/ Budget Discussions

May 6th

Public Notice of proposed 2020-24 Capital Improvement Program

May 20th

Public Hearing and Council consideration of 2020-24 Capital Improvement Program



Questions?

