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

**FY 19/20**
- Local Revenues: 23.4%
- Utility Revenue Bonds: 37.6%
- Joint Ventures: 25.9%
- General Obligation Bonds: 8.4%
- Grants: 4.7%

*Does not include budget carryover*

**FY 2021-24**
- Local Revenues: 27.4%
- Utility Revenue Bonds: 9.2%
- Joint Ventures: 13.0%
- General Obligation Bonds: 47.3%
- Grants: 3.1%
## FY 2020-24 CIP

<table>
<thead>
<tr>
<th>Funding Source</th>
<th>FY 19/20</th>
<th>FY 2021-24</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Obligation Bonds</td>
<td>$32.9M</td>
<td>$147.2M</td>
</tr>
<tr>
<td>Utility Revenue Bonds</td>
<td>126.8M</td>
<td>28.6M</td>
</tr>
<tr>
<td>Local Revenues</td>
<td>74.2M</td>
<td>85.0M</td>
</tr>
<tr>
<td>Joint Ventures</td>
<td>81.8M</td>
<td>40.4M</td>
</tr>
<tr>
<td>Grants</td>
<td>15.0M</td>
<td>9.7M</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$330.7M</strong></td>
<td><strong>$310.9M</strong></td>
</tr>
</tbody>
</table>

*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
Active Transportation Projects

- Broadway Road Streetscape
- Gilbert Rd Light Rail Extension
- Southern Avenue: Greenfield to Higley
- Alma School: Main to Broadway
- Mesa Drive Phase II
- Baseline Road: 24th St to Consolidated Canal
- Elliot Rd Tech Corridor
- Signal Butte: Williams Field to Germann

- Streetlight repair: Maintenance Driven
- City Share: Development Driven
- Gateway Airport: Development Driven
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
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

- Lewis East Substation
- Robson East Substation
- Mesa Drive Phase II
Active Gas Projects
Future CIP Opportunities
## Transportation

<table>
<thead>
<tr>
<th>Category</th>
<th>Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Growth</td>
<td>• Signal Butte: Williams Field to Germann</td>
</tr>
<tr>
<td>Safety/Capacity</td>
<td>• Broadway Road (Phase 1): Mesa Dr to Stapley</td>
</tr>
<tr>
<td></td>
<td>• Stapley &amp; University Intersection Improvements</td>
</tr>
<tr>
<td></td>
<td>• Power Road: East Maricopa Floodway to SR202</td>
</tr>
<tr>
<td>Pavement Condition/Maintenance</td>
<td>• Southern Ave &amp; Country Club</td>
</tr>
<tr>
<td></td>
<td>• Arterial Reconstruction</td>
</tr>
<tr>
<td>Storm Water</td>
<td>• Pecos Road (Phase 1)</td>
</tr>
<tr>
<td></td>
<td>• Storm Drain Pump Stations</td>
</tr>
</tbody>
</table>
## 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  
<p>|                                          | • Advanced Metering Infrastructure (AMI) |</p>
<table>
<thead>
<tr>
<th>Month</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>April</td>
<td>Program Reviews w/ Budget Discussions</td>
</tr>
<tr>
<td>May 6th</td>
<td>Public Notice of proposed 2020-24 Capital Improvement Program</td>
</tr>
<tr>
<td>May 20th</td>
<td>Public Hearing and Council consideration of 2020-24 Capital Improvement Program</td>
</tr>
</tbody>
</table>
Questions?