



General Obligation (G.O.) Bond CIP Prioritization

February 2, 2021





Agenda

- 1) Capital Improvement Plan (CIP) Overview
- 2) General Obligation (G.O.) Bonds
 - a) Streets
 - b) Flood Control
 - c) Library
 - d) Public Safety
- 3) Council Feedback and Questions
 - a) Interactive “Yellow Worksheet”



Budget Calendar

Item	Date
Budget Overview / Revenues / Five-Year Financial Forecasts	January 12, 2021
<i>Council Workshop – G. O. Bond Funded CIP Prioritization (Streets, Flood Control, Libraries, Public Safety)</i>	<i>February 2, 2021</i>
Council Workshop – G. O. Bond Funded CIP Prioritization (Parks, Open Space, Cultural Facilities, General Govt.)	February 16, 2021
Council Workshop – CIP Project Prioritization (Pay-As-You-Go, Trans. Sales Tax, HURF, DIF, Grants)	March 2, 2021
Council Workshop – CIP Project Prioritization (Enterprise Funds), DRAFT CIP	March 16, 2021
Council Workshop – Follow Up Items	March 30, 2021
Council Workshop (All Day) – FY22 Operating Budget	April 6, 2021
Council Workshop (All Day) – FY22 Operating Budget	April 8, 2021
Final Budget Workshop – Tentative Draft Budget & 10 Year CIP Program	April 20, 2021
Voting Meeting – Tentative Budget Adoption	May 11, 2021
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Voting Meeting – Property Tax Adoption	June 22, 2021



Elements of a Capital Improvement Plan

- Assets valued over \$50,000 with a useful life of 5+ years
- Land, buildings, streets & improvements, plants, large equipment
- Ten-Year Plan (only FY21-22 is adopted as part of the FY21-22 budget)
 - Projects in years 1 to 5 have identified funding sources

Financial Policy:

- A. Improve existing assets
- B. Replace existing assets as needed
- C. Construct new assets



CIP Funding Sources

- Enterprise Funds
 - Water/Sewer
 - Funding can come from G. O. Bonds, revenue bonds, revenue obligations or cash financing
 - Debt service paid from future water/sewer fee revenue
 - Landfill – paid by Landfill user fees
 - Solid Waste – paid by Solid Waste user fees
- General Obligation Bonds
 - Debt issuance must be authorized by Voters
 - Streets, Public Safety, Parks, Government Facilities, Open Space/Trails, Libraries, and Flood Control
 - Debt service paid by Secondary Property Tax
- Pay-As-You-Go
 - Cash funded projects



CIP Funding Sources

- Transportation Sales Tax
 - Half cent sales tax
 - Improve service for all modes of transportation
- Highway User Revenue Funds
 - Restricted Special Revenue Fund
 - Right of Way acquisition, construction, reconstruction, maintenance, and repair
- Development Impact Fees
 - One-time charges to developers for new development
 - New or expanded infrastructure
- Grants
 - Federal or state grant funding
 - Often require a match contribution to the project

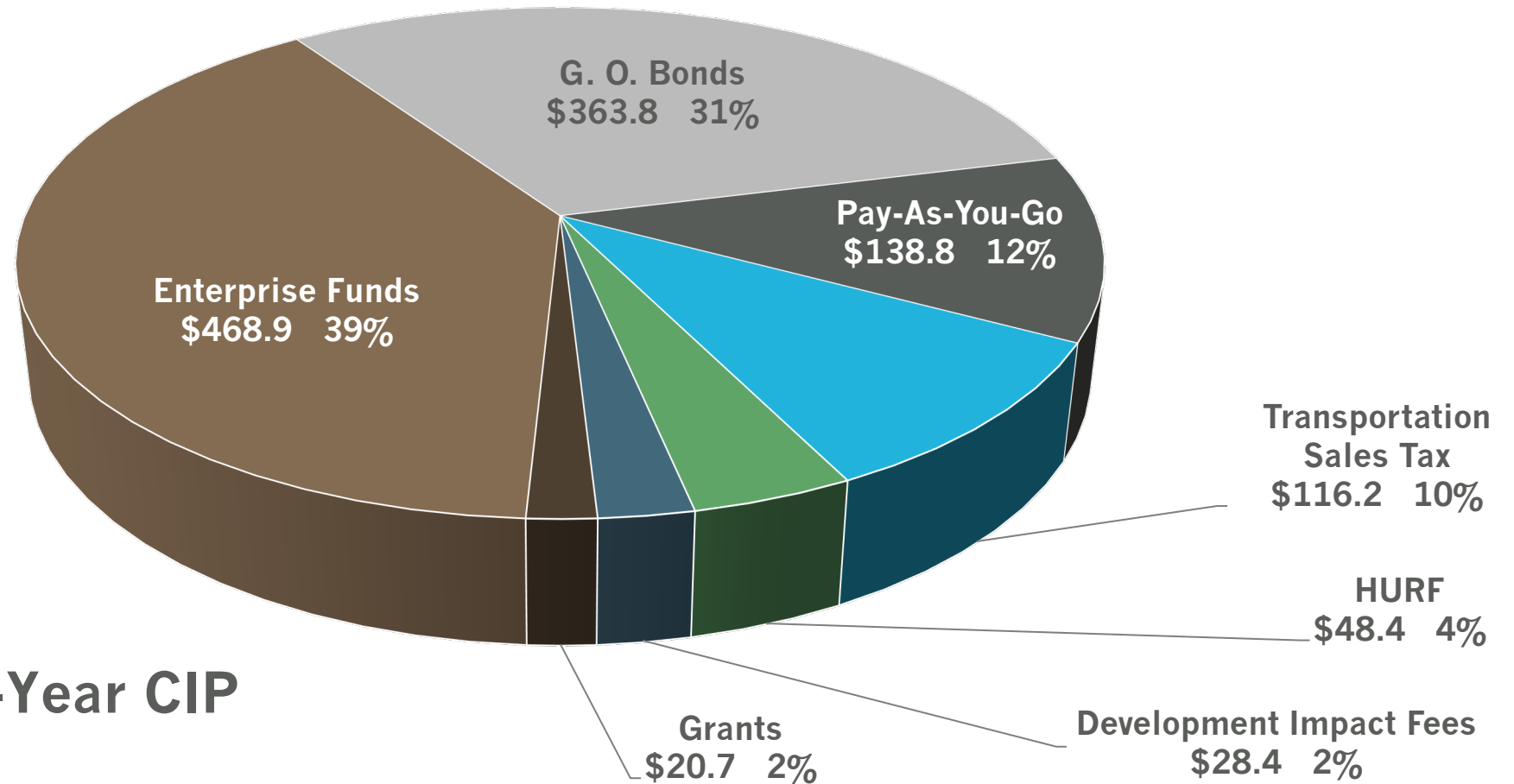


Presentation Outline

- Draft CIP
 - Does not include FY21 projects that do not have new appropriation in FY22 and beyond
 - FY21 projects with Carryover will be added to CIP in April before final budget workshop
- Overview of G.O. Bond CIP
 - Projects previously in the CIP and within existing bond authority
 - Staff recommendations and within existing authority
 - Staff recommendations not within existing authority
- Prioritize projects (Yellow Worksheet)
 - Capacity - Amount of debt we can issue while keeping the levy flat
 - Authorization - Voter authorization to issue debt



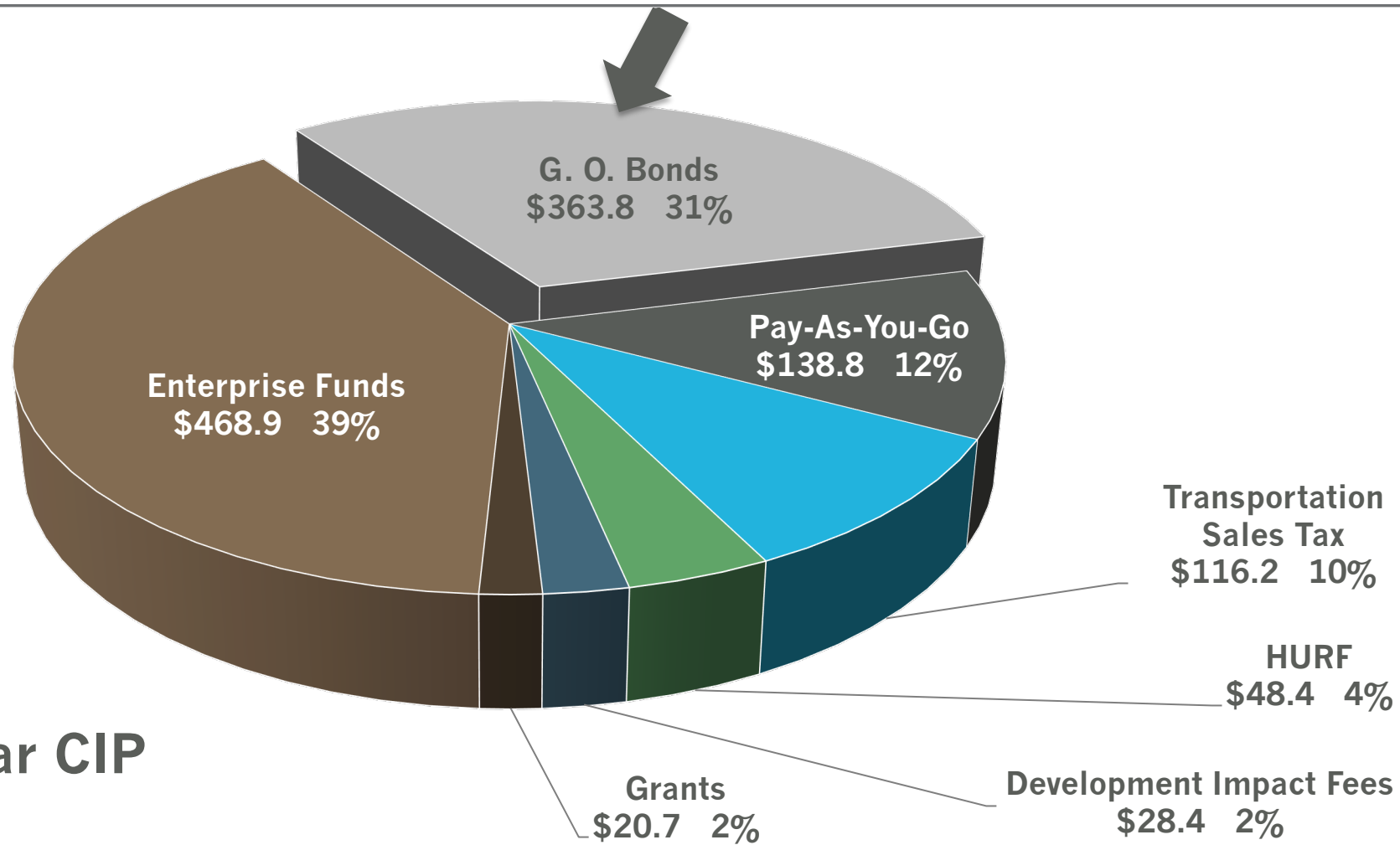
DRAFT 10-Year CIP by Funding Source



Total DRAFT 10-Year CIP
\$1,185.2M



DRAFT 10-Year CIP - G.O. Bond Program



Total DRAFT 10-Year CIP
\$1,185.2M



G.O. Bond Voter Authorization

	Current G. O. Bond Voter Authorization	G.O. Series 2021	Remaining G. O. Bond Voter Authorization
Landfill*	\$15,540,000		\$15,540,000
Operations Center	\$6,200,000		\$6,200,000
Library	\$17,096,000		\$17,096,000
Cultural Facility	\$13,435,000	\$303,000	\$13,132,000
Economic Development	\$22,047,000		\$22,047,000
Governmental Facilities	\$23,745,000		\$23,745,000
Public Safety	\$98,060,000	\$5,623,680	\$92,436,320
Streets and Parking	\$25,465,000	\$7,802,705	\$17,662,295
Transit	\$6,750,000		\$6,750,000
Open Space/Trails	\$50,459,000	\$178,563	\$50,280,437
Parks and Recreation	\$14,332,000	\$1,826,112	\$12,505,888
Flood Control	\$9,707,000	\$203,256	\$9,503,744
Water and Sewer*	\$10,000,000		\$10,000,000

*Bonds will be paid for by Enterprise Funds



Streets G.O. Bond Funded CIP Projects



Non-Capital Street Maintenance

- Pavement Management Plan
 - Not eligible for bond funding
 - Repairs usually last 5 to 7 years
 - All roadways in City included in program
 - Less invasive than Street Reconstruction
 - Requires coordination with residents, parking, and utilities
 - Other examples of non-capital street maintenance
 - Crack and Fog Sealing
 - Slurry Seal
 - Fractured Aggregate Surface Treatment (FAST)
 - Mill & Overlay



Arterial Reconstruction Program

- Complete removal and replacement of pavement which may include treatment of the base
- Street reconstruction:
 - Typically for arterial roadways
 - Useful life of 25+ years
 - Eligible for bond funding
 - Enhances traffic capacity and safety
- ADA (Americans with Disabilities Act) ramps brought to current standards
- Requires coordination:
 - Business access
 - Traffic flow
 - Other cities, departments, and utilities
- Moved into Pavement Management Program upon completion



Arterial Reconstruction and Pavement Management Programs

- Council Workshop on June 23, 2020
 - Transportation requested and received Council consensus to change funding source of \$15M of arterial reconstruction projects from Transportation Sales Tax to General Obligation Bonds
 - Arterial reconstruction projects are capital in nature and qualify for bond funding
 - \$15M in Transportation Sales Tax to be redirected to Pavement Management Program



Arterial Reconstruction Program (FY22)

Programmed Projects within Existing Voter Authority

Camelback Rd - 83rd Ave to 91st Ave	\$ 1,240,040
Glendale Ave - 101 to El Mirage	\$ 1,466,129
Cactus Rd - 51st Ave to 59th Ave (Design)	\$ 19,281
TOTAL	\$ 2,725,450



Arterial Reconstruction Program (FY22-23)

Programmed Projects Requiring Council Approval within Existing Voter Authorization

Glendale Ave - 101 to El Mirage	\$ 7,890,909
Glendale Ave - 101 to 91st Ave	\$ 3,344,473
Cactus Rd - 51st Ave to 59th Ave	\$ 3,378,718
83rd Ave - Glendale to Northern	\$ 200,000
75th Ave - Glendale to Northern	\$ 200,000
TOTAL	\$15,014,100



Arterial Reconstruction Program (FY23-26)

Staff Recommended Projects

Require Council Approval and Additional Voter Authorization

Bethany Home Road - 43rd Ave to 51st Ave	\$ 2,832,876
51st Ave - Peoria to Cactus	\$ 2,923,279
51st Ave - Olive to Peoria	\$ 3,116,588
59th Ave - Union Hills to Beardsley	\$ 2,737,044
Cactus 59th Ave-67th Ave	\$ 3,038,075
83rd Ave - Glendale to Northern	\$ 3,368,078
75th Ave - Glendale to Northern	\$ 3,368,078
Greenway Rd - 59th Ave to 51st Ave	\$ 2,889,000
67th Ave - Greenway to Bell	\$ 3,503,381
67th Ave - Deer Valley to Pinnacle Peak	\$ 3,704,400
59th Ave - Glendale to Northern	\$ 3,704,400
83rd Ave - Glendale to Bethany Home Road	\$ 3,500,000
Scallop Street Program	\$ 3,600,000
TOTAL	\$ 42,285,199



Arterial Reconstruction Program (FY27-31)

Staff Recommended Projects

Require Council Approval and Additional Voter Authorization

Glendale Ave - 43rd Ave to 51st Ave	\$ 3,500,000
Glendale Ave - 67th Ave to 75th Ave	\$ 3,500,000
Bethany Home Road - 59th Ave to 67th Ave	\$ 3,500,000
Bethany Home Road - 67th Ave to 75th Ave	\$ 3,500,000
Camelback Rd - 59th Ave to 67th Ave	\$ 3,500,000
Camelback Rd - 67th Ave to 75th Ave	\$ 3,500,000
Camelback Rd - 75th Ave to 83rd Ave	\$ 3,500,000
67th Ave - Peoria to Olive	\$ 3,500,000
67th Ave - Deer Valley to Beardsley	\$ 3,500,000
75th Ave - Deer Valley to Beardsley	\$ 3,500,000
59th Ave - Olive to Northern	\$ 3,500,000
Northern Ave - 43rd to 51st Ave	\$ 3,500,000
59th Ave Thunderbird Rd – Cactus Rd	\$ 3,500,000
Bell Rd - 59th Ave to 67th Ave	\$ 3,500,000
Northern Ave - 51st Ave to 59th Ave	\$ 3,500,000
Scallop Street Program	\$ 8,500,000
TOTAL	\$ 61,000,000



Streets G.O. Bond CIP Prioritization

- Questions on Specific Projects?
- Council Feedback
 - Interactive Worksheet



Flood Control G.O. Bond Funded CIP Projects



Flood Control Program

Programmed Projects within Existing Voter Authority

Glenn Drive Drainage Improvements, 59 th Ave to 52 nd Ave	\$3,394,100
Bethany Home Storm Drain, 43 rd Ave to 51 st Ave	\$4,598,200
Total	\$7,992,300



Flood Control Program

Programmed Projects Requiring Additional Voter Authorization

Camelback Road Storm Drain, 51 st Ave to 58 th Ave	\$3,104,290
83 rd Ave Storm Drain, Bethany Home to Camelback	\$3,129,500
59 th Ave & Thunderbird Storm Drain	\$1,905,345
Total	\$8,139,135



Flood Control G.O. Bond CIP Prioritization

- Questions on Specific Projects?
- Council Feedback
 - Interactive Worksheet



Glenn Drive Drainage Improvements

59th Avenue to 52nd Avenue

Project Number: CIPDR21019

Project Description

This project will install storm drainage in Glenn Drive from 59th Avenue to 52nd Avenue, to correct flooding in Glenn Drive, nearby alleys, and in Murphy Park.

Justification

Maricopa County Flood Control District has agreed to contribute \$2,100,000 toward completion of this project. The total projected cost of the project is \$5,494,100. Amounts and years are unchanged from FY21 CIP.

Funding Source	FY22	FY23	FY24	FY25	FY26	FY27-31	Total
4110 - Flood Control Construction	\$50,000	\$570,900	\$2,773,200				\$3,394,100



Bethany Home Storm Drain 43rd Ave to 51st Ave

Project Number: CIPDR21034

Project Description

Design and construction of storm drainpipe, inlets, catch basins and other appurtenances in a half square mile area centered on Bethany Home Road between 43rd Avenue and 51st Ave. Design began in FY21.

Justification

This project is identified in the Storm Water Master plan adopted by the city in 2011. Maricopa County Flood Control District has budgeted to contribute \$4.2 million toward completion of the project. Amounts and years are unchanged from FY21 CIP.

Funding Source	FY22	FY23	FY24	FY25	FY26	FY27-31	Total
4110 - Flood Control Construction	\$1,776,000	\$2,822,200					\$4,598,200



Camelback Road Storm Drain 51st Avenue to 58th Avenue

Project Number: CIPDR19040

Project Description

Installation of storm drain in Camelback Road from 51st to 58th Avenues. Project has been moved from FY22 to FY25.

Justification

This project is identified in the Stormwater Management Plan (SMP) completed and presented to the city and Flood Control District of Maricopa County in July 2011. The design is complete.

Funding Source	FY22	FY23	FY24	FY25	FY26	FY27-31	Total
4110 - Flood Control Construction				\$3,104,290			\$3,104,290



83rd Avenue Storm Drain Bethany Home to Camelback

Project Number: CIPDR19078

Project Description

Installation of storm drain in 83rd Avenue from Bethany Home Road to Camelback Road. This project is currently programmed to begin design in FY27.

Justification

This project is identified in the Stormwater Management Plan (SMP) completed and presented to the city and Flood Control District of Maricopa County in July 2011. The design is complete.

Funding Source	FY22	FY23	FY24	FY25	FY26	FY27-31	Total
4110 - Flood Control Construction						\$3,129,500	\$3,129,500



59th Avenue and Thunderbird Storm Drain

Project Number: CIPDR19079

Project Description

Project will construct a storm drain in 59th Avenue between the Thunderbird Road intersection and the Arizona Canal Drainage Channel. It is currently programmed to begin design in FY27.

Justification

This project is identified in the Stormwater Management Plan (SMP) completed and presented to the city and Flood Control District of Maricopa County in July 2011. The design is complete.

Funding Source	FY22	FY23	FY24	FY25	FY26	FY27-31	Total
4110-Flood Control Construction						\$1,905,345	\$1,905,345



Library G.O. Bond Funded CIP Projects



Library Bond Program

Programmed Projects within Existing Voter Authority

Foothills Library Renovation	\$1,975,075
Velma Teague Library Renovation	\$5,419,464
Main Library Renovation	\$9,701,461
Total	\$17,096,000



Library Bond Program

Programmed Projects Requiring Additional Voter Authorization

Foothills Library Renovation	\$5,412,500
Main Library Renovation	\$1,457,720
Total	\$6,870,220



Library G.O. Bond CIP Prioritization

- Questions on Specific Projects?
- Council Feedback
 - Interactive Worksheet



Foothills Library Renovation

Project Number: CIPLB19066

Project Description

Renovation of Foothills Library to major building systems, and modernization of the functions, technology, and equipment. Facility condition assessment will refine the project. In FY22 funding will allow for replacement of the chiller.

Justification

This project is necessary to extend the life of the building, improve library operations, and better serve the needs of the community.

Funding Source	FY22	FY23	FY24	FY25	FY26	FY27-31	Total
4100 - Library Bonds	\$225,000		\$366,000		\$1,384,075	\$5,412,500	\$7,387,575



Velma Teague Library Renovation

Project Number: CIPLB19045

Project Description

Project is to renovate the entire library including electrical, plumbing, interior, exterior, HVAC, roof gutters, as well as functionality improvements. Facility condition assessment and library study will refine the project and prioritize needs.

Justification

This library needs renovation to better serve the needs of the community. It is anticipated that the assessment will indicate substantial building infrastructure needs.

Funding Source	FY22	FY23	FY24	FY25	FY26	FY27-31	Total
4100 - Library Bonds		\$ 642,318	\$3,801,805	\$ 975,341			\$5,419,464



Main Library Renovation

Project Number: CIPLB19046

Project Description

Project is to renovate all building systems, including interior renewal and functional remodeling. Examples include skylights, pigeon exclusion, HVAC, ADA, plumbing, flooring, equipment and technology updates.

Justification

Facility condition assessment and library study will refine the project and prioritize needs. This project is necessary to extend the life of the building, improve library operations, and better serve the needs of the community.

Funding Source	FY22	FY23	FY24	FY25	FY26	FY27-31	Total
4100 - Library Bonds		\$1,284,888		\$7,696,479	\$2,116,782	61,032	\$11,159,181



Public Safety G.O. Bond Funded CIP Projects



Public Safety Bond Program

Programmed Projects within Existing Voter Authority

Replace/Remodel Fire Station 153	\$5,190,000
New Police Evidence Storage	\$10,332,000
Main Public Safety Building Remodel	\$17,903,626
Foothills Police Station Remodel	\$4,078,160
Gateway Police Station Remodel	\$5,401,517
Renovate Fire Station 154	\$2,625,000
Replace/Remodel Fire Station 155	\$5,190,000
Renovate Fire Station 156	\$2,625,000
Renovate Fire Station 157	\$2,825,000
Total	\$56,170,303



Public Safety Bond Program

Staff Recommended Projects with Existing Voter Authorization

Public Safety HVAC Replacements	\$335,000
FS 158 Fire Protection System Replacement	\$25,000
Public Safety Roof Repair/Replacements	\$398,240
Total	\$758,240



Public Safety G.O. Bond CIP Prioritization

- Questions on Specific Projects?
- Council Feedback
 - Interactive Worksheet



Replace/Remodel Fire Station 153

Project Number: CIPST19029

Project Description

Project is to replace existing FS 153 (59th Ave & Thunderbird) which is nearing the end of its useful life. The new station will include systems (exhaust, laundry, change out area, etc.) to protect firefighters' health & safety to improve the functionality of the station. Costs will be refined based on design construction estimates.

Justification

The station was constructed in 1974 and components are beyond their useful life. The station house, driveways, and equipment bays require replacement to allow the fire department to continue to provide safe and efficient service to the community.

Funding Source	FY22	FY23	FY24	FY25	FY26	FY27-31	TOTAL
4040 - PUBLIC SAFETY BONDS	\$470,000	\$4,720,000					\$5,190,000



New Police Evidence Storage Facility

Project Number: CIPST19030

Project Description

This project is to design and construct a 30,000 square feet secure warehouse facility for police evidence, property storage and management. This project location and timing will be determined in FY21.

Justification

Police evidence, property storage and management regulatory requirements are increasingly complex and sophisticated. The police department has outgrown their existing capacity and require additional space to meet regulatory requirements.

Funding Source	FY22	FY23	FY24	FY25	FY26	FY27-31	TOTAL
4040 - PUBLIC SAFETY BONDS	\$900,000	\$4,716,000	\$4,716,000				\$10,332,000



Main Public Safety Building Remodel

Project Number: CIPST19041

Project Description

This project is for design and construction of a complete renovation of the main public safety building to include infrastructure needs as well as functionality. Infrastructure needs identified in the building assessment include HVAC, roof, plumbing, and electrical. Renovation would also include updated security and fire protection systems.

Justification

Components of the building have exceeded their useful life. This location requires significant infrastructure and functionality modernization to meet the business needs of the department.

Funding Source	FY22	FY23	FY24	FY25	FY26	FY27-31	TOTAL
4040 - PUBLIC SAFETY BONDS		\$700,000	\$11,590,000	\$5,613,626			\$17,903,626



Foothills Police Station Remodel

Project Number: CIPST19042

Project Description

This project is for design and construction of a complete renovation of the Foothills police substation to include infrastructure needs as well as functionality. Infrastructure needs identified in the building assessment include roof, exterior finishes, plumbing fixtures and parking. Renovation would also include updated security.

Justification

The Foothills police substation requires significant infrastructure and functionality modernization to meet the business needs of the police department.

Funding Source	FY22	FY23	FY24	FY25	FY26	FY27-31	TOTAL
4040 - PUBLIC SAFETY BONDS	\$362,412			\$420,000	\$3,295,748		\$4,078,160



Gateway Police Station Remodel

Project Number: CIPST19043

Project Description

This project is for design and construction of a complete renovation of the Gateway police substation to include infrastructure needs as well as functionality. Infrastructure needs identified in the building assessment include roof, and parking. Renovation would also include updated security.

Justification

The Gateway substation requires significant infrastructure and modernization to meet the business needs of the police department including additional space for parking to continue meeting the needs of the community.

Funding Source	FY22	FY23	FY24	FY25	FY26	FY27-31	TOTAL
4040 - PUBLIC SAFETY BONDS	\$375,189		\$430,000	\$4,596,328			\$5,401,517



Renovate Fire Station 154

Project Number: CIPST19044

Project Description

Project is to remodel FS 154 (43rd Ave & Peoria) as infrastructure components have reached the end of their useful life. Infrastructure needs identified in the building assessment include roof, exterior siding, parking and driveways. Renovation would also include updated security, fire protection systems and plumbing.

Justification

The station was constructed in 1982 and components are beyond their useful life. The station house, drives, and equipment bays require replacement to allow the fire department to continue to provide safe and efficient service to the community.

Funding Source	FY22	FY23	FY24	FY25	FY26	FY27-31	TOTAL
4040 - PUBLIC SAFETY BONDS		\$200,000	\$2,425,000				\$2,625,000



Replace/Remodel Fire Station 155

Project Number: CIPST19050

Project Description

Project is to remodel FS 155 (62nd Ave & Union Hills) as infrastructure components have reached the end of their useful life. Infrastructure needs identified in the building assessment include roof, interior finishes, plumbing, parking and driveways. Renovation would also include updated security, and fire protection systems (if needed).

Justification

The station was constructed in 1988 and components are beyond their useful life. The station house, driveways, and equipment bays require replacement to allow the fire department to continue to provide safe and efficient service to the community.

Funding Source	FY22	FY23	FY24	FY25	FY26	FY27-31	TOTAL
4040 - PUBLIC SAFETY BONDS			\$470,000	\$4,720,000			\$5,190,000



Renovate Fire Station 156

Project Number: CIPST19051

Project Description

Project is to remodel FS 156 (68th Ave & Deer Valley) as infrastructure components have reached the end of their useful life. Infrastructure needs identified in the building assessment include roof, plumbing, parking and driveways. Renovation would also include updated security, and fire protection systems (if needed).

Justification

The station was constructed in 1998 and components are beyond their useful life. The station house, driveways, and equipment bays require replacement to allow the fire department to continue to provide safe and efficient service to the community.

Funding Source	FY22	FY23	FY24	FY25	FY26	FY27-31	TOTAL
4040 - PUBLIC SAFETY BONDS				\$200,000	\$2,425,000		\$2,625,000



Renovate Fire Station 157

Project Number: CIPST19052

Project Description

Project is to remodel FS 157 (59th Ave and Brown) as infrastructure components have reached the end of their useful life. Infrastructure needs identified in the building assessment include kitchen casework, roof, interior finishes, parking and driveways. Renovation would also include updated security, and fire protection systems (if needed).

Justification

The station was constructed in 1998 and components are beyond their useful life. The station house, driveways, and equipment bays require replacement to allow the fire department to continue to provide safe and efficient service to the community.

Funding Source	FY22	FY23	FY24	FY25	FY26	FY27-31	TOTAL
4040 - PUBLIC SAFETY BONDS					\$280,000	\$2,545,000	\$2,825,000



Public Safety HVAC Replacements

Project Number: CIPST22080

Project Description

This project is to replace the HVAC systems at Fire Station 151, 159, and the Advocacy Center.

Justification

The HVAC systems at these locations have reached the end of their useful life and must be replaced.

Funding Source	FY22	FY23	FY24	FY25	FY26	FY27-31	TOTAL
4040 - PUBLIC SAFETY BONDS	\$335,000						\$335,000



Fire Station 158 Fire Protection System Replacement

Project Number: CIPST22083

Project Description

This project is to replace the fire alarm system at Fire Station 158.

Justification

The fire alarm system at Fire Station 158 has exceeded its useful life and needs replacement.

Funding Source	FY22	FY23	FY24	FY25	FY26	FY27-31	TOTAL
4040 - PUBLIC SAFETY BONDS	\$25,000						\$25,000



Public Safety Roof Repair/Replacements

Project Number: CIPST22085

Project Description

This project is to replace roof at various public safety locations including- Fire Support, Prosecutors Modular Building, and GRPSTC Fire Station and Shooting Range.

Justification

These roofs have exceeded their useful life and must be replaced.

Funding Source	FY22	FY23	FY24	FY25	FY26	FY27-31	TOTAL
4040 - PUBLIC SAFETY BONDS	\$398,240						\$398,240



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