



# Presentation on Capital Improvement Plan

June 2, 2020





# Overview

---

- Overview of Capital Improvement Plan (CIP)
  - Library Projects
  - Streets and Transit Projects
- Projects and timeline have been approved as part of the FY21-30 CIP Program that was approved as part of Tentative Budget Adoption on May 26, 2020
- Committee Discussion and Questions



# Meetings and Presentations

---

- November
  - General Obligation (G.O.) Bond
    - RBC Capital Markets (Financial Advisor)
  - Voter Authorization
    - Greenberg Traurig (Bond Counsel)
- December
  - Election Process
  - Capital Improvement Plan
    - Adopted 10-year CIP
    - G.O. Bond Prioritization



# Meetings and Presentations

---

- January
  - G.O. Bond Voter Authorization
  - Landfill
  - Flood Control
- February
  - Parks
  - Governmental Facilities – Public Safety



# Library CIP by Project

PAGE #	PROJECT #	PROJECT TITLE	FY21	FY22	FY23	FY24	FY25	FY26-30	TOTAL
81	CIPLB19045	VELMA TEAGUE LIBRARY	\$0	\$0	\$642,318	\$3,801,805	\$975,341	\$0	\$5,419,464
82	CIPLB19046	MAIN LIBRARY RENOVATION	\$0	\$0	\$1,284,888	\$0	\$7,754,035	\$2,217,203	\$11,256,126
83	CIPLB19066	FOOTHILLS LIBRARY RENOVATION	\$0	\$0	\$0	\$866,000	\$0	\$6,796,575	\$7,662,575
	<b>TOTAL</b>		<b>\$0</b>	<b>\$0</b>	<b>\$1,927,206</b>	<b>\$4,667,805</b>	<b>\$8,729,376</b>	<b>\$9,013,778</b>	<b>\$24,338,165</b>



# Library CIP by Funding Source

FUNDING SOURCE	FY21	FY22	FY23	FY24	FY25	FY26-30	TOTAL
4100 – LIBRARY CONSTRUCTION	\$0	\$0	\$1,927,805	\$4,667,805	\$8,729,376	\$9,013,778	<b>\$24,338,165</b>
<b>TOTAL</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,927,805</b>	<b>\$4,667,805</b>	<b>\$8,729,376</b>	<b>\$9,013,778</b>	<b>\$24,338,165</b>



# Questions?

---



# Streets CIP by Project

PAGE #	PROJECT #	PROJECT TITLE	CARRYOVER	FY21	FY22	FY23	FY24	FY25	FY26-30	TOTAL
144	CIPST19006	PAVEMENT MANAGEMENT	\$400,000	\$10,200,000	\$10,200,000	\$10,200,000	\$10,200,000	\$10,200,000	\$51,000,000	<b>\$102,400,000</b>
145	CIPST19010	BALLPARK BOULEVARD	\$400,000	\$1,257,600	\$0	\$0	\$0	\$0	\$0	<b>\$1,657,600</b>
146	CIPST19048	CAPITAL BRIDGE REPAIR PROGRAM	\$266,397	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000	<b>\$2,766,397</b>
147	CIPST20008	ST RECON CMLBK RD 101 TO 91ST	\$1,000,000	\$773,076	\$0	\$0	\$0	\$0	\$0	<b>\$1,773,076</b>
148	CIPST20012	FLASHING YELLOW ARROWS	\$0	\$0	\$604,770	\$0	\$0	\$0	\$0	<b>\$604,770</b>
149	CIPST20013	VEHICLE REPLACEMENT	\$600,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000	<b>\$5,600,000</b>
150	CIPST20014	ST RECON BHR 43RD TO 51ST	\$0	\$0	\$0	\$1,818,876	\$0	\$0	\$0	<b>\$1,818,876</b>
151	CIPST20016	ST RECON GLENDALE AVE 101-EL MIRAGE	\$4,708,802	\$8,190,935	\$492,742	\$0	\$0	\$0	\$0	<b>\$13,392,479</b>
152	CIPST20019	ST RECON CMLBK RD 51ST-59TH	\$0	\$0	\$0	\$0	\$1,919,840	\$0	\$0	<b>\$1,919,840</b>
153	CIPST20021	ST RECON CMLBK RD 83RD-91ST	\$150,000	\$2,890,545	\$0	\$0	\$0	\$0	\$0	<b>\$3,040,545</b>
154	CIPST20022	BIKE PROJECTS (MATCH)	\$130,000	\$130,000	\$0	\$0	\$0	\$130,000	\$650,000	<b>\$1,040,000</b>
155	CIPST21003	63RD & NORTHERN AVE TRAFFIC SIGNAL	\$0	\$579,210	\$0	\$0	\$0	\$0	\$0	<b>\$579,210</b>
156	CIPST21004	NORTHERN PARKWAY CABLE BARRIER 1	\$0	\$889,153	\$0	\$0	\$0	\$0	\$0	<b>\$889,153</b>



# Streets CIP by Project

PAGE #	PROJECT #	PROJECT TITLE	CARRYOVER	FY21	FY22	FY23	FY24	FY25	FY26-30	TOTAL
157	CIPST21014	75TH AVENUE ASPERA IMPROV.	\$0	\$525,000	\$0	\$0	\$0	\$0	\$0	\$525,000
158	CIPST21015	CENTRAL CORE SIDEWALK GAPS	\$0	\$0	\$0	\$411,444	\$188,878	\$0	\$0	\$600,322
159	CIPST21016	67TH AVE. BIKE LANES	\$0	\$0	\$430,395	\$430,395	\$361,861	\$0	\$0	\$1,222,651
160	CIPST21017	STREET RECON BELL RD 51ST TO 59TH	\$0	\$0	\$2,279,810	\$0	\$0	\$0	\$0	\$2,279,810
161	CIPST21018	ST RECON GLENDALE 101 TO 91ST	\$0	\$0	\$2,039,830	\$0	\$0	\$0	\$0	\$2,039,830
162	CIPST21021	67TH & T-BIRD INTERSECT IMPROV.	\$0	\$630,970	\$2,613,315	\$0	\$0	\$0	\$0	\$3,244,285
163	CIPST65005	ITS UPGRADES	\$473,000	\$190,000	\$190,000	\$190,000	\$190,000	\$190,000	\$950,000	\$2,373,000
164	CIPST65016	NORTHERN PARKWAY	\$169,796	\$670,000	\$670,000	\$670,000	\$670,000	\$670,000	\$670,000	\$4,189,796
165	CIPST65063	NEW RIVER MULTI-USE PATHWAY	\$716,709	\$0	\$0	\$0	\$0	\$0	\$0	\$716,709
166	CIPST65101	SIDEWALK AND CURB IMPROV.	\$85,000	\$0	\$0	\$0	\$0	\$0	\$0	\$85,000
167	CIPST67930	CARDINALS WAY 83RD TO 91ST AVE	\$1,718,478	\$500,000	\$0	\$0	\$0	\$0	\$0	\$2,218,478
168	CIPST68125	STREET RECON.	\$3,685,457	\$0	\$0	\$0	\$0	\$0	\$0	\$3,685,457
169	CIPST68918	INFILL LIGHTING	\$530,000	\$529,240	\$0	\$0	\$0	\$0	\$0	\$1,059,240
170	CIPST68922	STREETLIGHT POLE	\$1,191,066	\$1,360,395	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000	\$3,226,461
<b>TOTAL</b>			<b>\$16,224,705</b>	<b>\$30,066,124</b>	<b>\$20,345,862</b>	<b>\$14,545,715</b>	<b>\$14,355,579</b>	<b>\$12,015,000</b>	<b>\$57,395,000</b>	<b>\$164,947,985</b>



# Streets CIP by Funding Source

FUNDING SOURCE	CARRYOVER	FY21	FY22	FY23	FY24	FY25	FY26-30	TOTAL
2060-Transportation Grants	\$0	\$1,468,363	\$0	\$0	\$0	\$0	\$0	<b>\$1,468,363</b>
4010-Streets Construction	\$9,544,259	\$5,225,450	\$0	\$0	\$0	\$0	\$0	<b>\$14,769,709</b>
4020-Hurf Streets Construction	\$2,521,066	\$5,339,635	\$3,525,000	\$3,525,000	\$3,525,000	\$3,525,000	\$17,625,000	<b>\$39,585,701</b>
4030-Transportation Capital Proj	\$2,440,902	\$16,901,706	\$14,207,547	\$11,020,715	\$10,830,579	\$8,490,000	\$39,770,000	<b>\$103,661,449</b>
4410-DIF Streets Zone 1 East	\$0	\$630,970	\$2,613,315	\$0	\$0	\$0	\$0	<b>\$3,244,285</b>
4420-DIF Streets Zone 2 West 101	\$1,718,478	\$500,000	\$0	\$0	\$0	\$0	\$0	<b>\$2,218,478</b>
<b>TOTAL</b>	<b>\$16,224,705</b>	<b>\$30,066,124</b>	<b>\$20,345,862</b>	<b>\$14,545,715</b>	<b>\$14,355,579</b>	<b>\$12,015,000</b>	<b>\$57,395,000</b>	<b>\$164,947,985</b>



## New to the CIP

- Pavement Management increased from \$5.2 million/year to \$10.2 million/year
- Ball Park Boulevard (Tiling RID and 99th Ave/Ball Park Blvd intersection)
- Bell Road reconstruction from 51st Ave to 59th Ave
- Glendale Avenue reconstruction from 91st Ave to Loop 101
- 63rd Avenue/Northern Avenue traffic signal
- Northern Parkway from Sarival Ave to 143rd Ave median barrier
- 75th Avenue/Aspera Boulevard intersection
- Central Core Sidewalks
- 67th Avenue bike lanes from Missouri Ave to Cholla St
- 67th Avenue/Thunderbird Road intersection
- North Glendale Park & Ride



# Streets Reconstruction Funding

---

- Currently 10 miles of reconstructions are funded
  - G.O. Bonds – \$15 million
  - Cash (Transportation Sales Tax) – \$15 million
    - Using cash takes away from Pavement Management.
  - Reallocating cash to preauthorized G.O. Bonds will provide funding for Pavement Management
- Need additional \$30 million for 5 year ARP
- Pavement Management is a City Council priority
- No future funding identified



# Street Reconstruct Projects (Years 1-5)

10-Year Program					
Segments	Approx. Miles	G.O. Bonds	Transportation Sales Tax	Total:	
Bell Rd (59th Ave – 51st Ave)	1.0	\$ -	\$ 2,279,810	\$ 2,279,810	
Bethany Home Rd (51st Ave – 43rd Ave)	1.0	\$ -	\$ 1,818,876	\$ 1,818,876	
Camelback Rd (L101 – 91st Ave)	0.7	\$ 1,773,076	\$ -	\$ 1,773,076	
Camelback Rd (91st Ave – 83rd Ave)	1.0	\$ 2,196,418	\$ 844,127	\$ 3,040,545	
Camelback Rd (59th Ave – 51st Ave)	1.0	\$ -	\$ 1,919,840	\$ 1,919,840	
Glendale Ave (El Mirage Rd – 99th Ave)	3.0	\$ 7,114,758	\$ 6,277,721	\$ 13,392,479	
Glendale Ave (99th Ave – 91st Ave)	0.9	\$ -	\$ 2,039,830	\$ 2,039,830	
Street Reconstruction Project (Camelback 51st-43rd)	1.0	\$ 3,685,457	\$ -	\$ 3,685,457	
<b>Total:</b>	<b>9.5</b>	<b>\$ 14,769,709</b>	<b>\$ 15,180,204*</b>	<b>\$ 29,949,913</b>	

\*Seeking G.O. Bond funding to replace Transportation Sales Tax Dollars



# Unfunded Needs (Years 1-5)

Segments	Approx. Miles	Estimated Cost
67th Ave (Greenway Rd - Bell Rd)	0.9	\$ 3,528,000
67th Ave (Deer Valley to Pinnacle Peak)	1.1	\$ 3,704,400
59th Ave (Glendale to Northern)	1.0	\$ 3,704,400
Cactus Rd (59th - 67th)	1.0	\$ 3,704,400
51st Ave (Peoria to Cactus)	0.9	\$ 3,528,000
51st Ave (Olive to Peoria)	1.0	\$ 3,616,200
75th Ave (Glendale to Northern)	1.0	\$ 3,528,000
83rd Ave (Glendale to Northern)	1.0	\$ 4,254,000
<b>Total:</b>	<b>7.9</b>	<b>\$ 29,567,400</b>

\*Seeking G.O. Bond funding to fund these projects

		FY 2020-2021				FY 2021-2022				FY 2022-2023				FY 2023-2024				FY 2024-2025																															
		1Q		2Q		3Q		4Q		1Q		2Q		3Q		4Q		1Q		2Q		3Q		4Q																									
		J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
1	Camelback Rd (43rd - 51st)																																																
2	Camelback Rd (91st - SH101)																																																
3	Camelback Rd (83rd - 91st)																																																
3.1	Camelback/91st Ave Intersection																																																
4	Glendale Ave (99th - El Mirage)																																																
5	Bell Rd (51st -59th)																																																
6	Glendale Ave (91st - SH101)																																																
7	Bethany Home Rd (43rd - 51st)																																																
8	Camelback Rd (51st - 59th)																																																
9	Ballpark Blvd - Phase II																																																
10	Thunderbird/67th Ave Intersection																																																
11	Greenway/57th Ave Intersection																																																
<b>PROJECTS IN CIP ABOVE THIS LINE</b>		<b>PROJECTS IN CIP ABOVE THIS LINE</b>				\$	8,671,217	<b>PROJECTS IN CIP ABOVE THIS LINE</b>				\$	14,492,826	<b>PROJECTS IN CIP ABOVE THIS LINE</b>				\$	5,915,706	<b>PROJECTS IN CIP ABOVE THIS LINE</b>				\$	-	<b>PROJECTS IN CIP ABOVE THIS LINE</b>				\$	-																		
12	67th Ave (Greenway Rd - Bell Rd)																																																
13	67th Ave (Deer Valley to Pinnacle Peak)																																																
14	59th Ave (Glendale to Northern)																																																
15	Cactus Rd (59th - 67th)																																																
16	51st Ave (Peoria to Cactus)																																																
17	51st Ave (Olive to Peoria)																																																
18	75th Ave (Glendale to Northern)																																																
19	83rd Ave (Glendale to Northern)																																																
<b>Total:</b>		<b>\$</b>				<b>8,671,216.89</b>	<b>\$</b>				<b>14,492,825.68</b>	<b>\$</b>				<b>17,356,406.00</b>	<b>\$</b>				<b>10,422,300.00</b>	<b>\$</b>				<b>7,704,400.00</b>																							



# Arterial Reconstruction Program (ARP)

---

- 748 centerline miles of streets
- 101 miles of arterials
- 30-Year lifecycle
- 3 miles/year
- \$3.2 million/mile
- \$10 million/year in G.O. Bonds needed for ARP



# Summary of Streets Need

---

- Reallocate \$15 million in cash funding to preauthorized G.O. Bonds
- Additional \$30 million in G.O. Bonds needed over 5 years (years 1-5 of CIP)
- Ongoing need of 10 million/Year for ARP, i.e. \$50 million over 5 years (years 6-10 of CIP, in present day dollars)



# Questions?

---



# Transit CIP by Project

PAGE #	PROJECT #	PROJECT TITLE	CARRYOVER	FY21	FY22	FY23	FY24	FY25	FY26-30	TOTAL
173	CIPTR20007	BUS STOP ACCESS ENHANCE. (MAG)	\$90,000	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$90,000</b>
174	CIPTR21013	N. GLENDALE PARK & RIDE PROJECT	\$0	\$1,151,581	\$0	\$0	\$0	\$0	\$0	<b>\$1,151,581</b>
175	CIPTR65022	TRANSP. PROG. ENGR. CONSULTANT	\$0	\$265,000	\$270,000	\$270,000	\$275,000	\$275,000	\$1,415,000	<b>\$2,770,000</b>
<b>TOTAL</b>			<b>\$90,000</b>	<b>\$1,416,581</b>	<b>\$270,000</b>	<b>\$270,000</b>	<b>\$275,000</b>	<b>\$275,000</b>	<b>\$1,415,000</b>	<b>\$4,011,581</b>



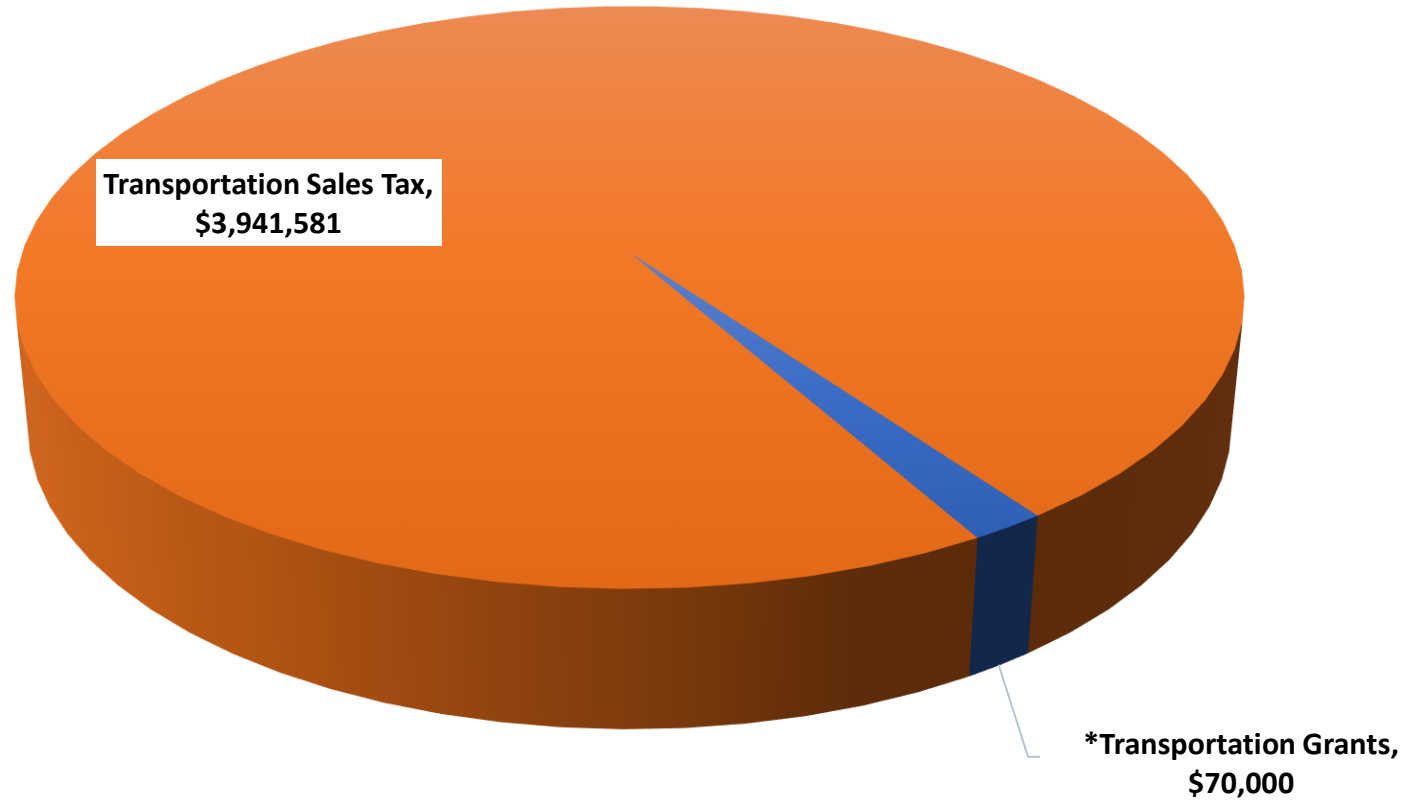
# Transit CIP by Funding Source

<b>FUNDING SOURCE</b>	<b>CARRYOVER</b>	<b>FY21</b>	<b>FY22</b>	<b>FY23</b>	<b>FY24</b>	<b>FY25</b>	<b>FY26-30</b>	<b>TOTAL</b>
2060-Transportation Grants	\$70,000	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$70,000</b>
4030-Transportation Capital Proj	\$20,000	\$1,416,581	\$270,000	\$270,000	\$275,000	\$275,000	\$1,415,000	<b>\$3,941,581</b>
<b>TOTAL</b>	<b>\$90,000</b>	<b>\$1,416,581</b>	<b>\$270,000</b>	<b>\$270,000</b>	<b>\$275,000</b>	<b>\$275,000</b>	<b>\$1,415,000</b>	<b>\$4,011,581</b>



# Transit CIP by Funding Source

Total: \$4,011,581



\* CARES Act grant and potential future grants not included



# Summary of Transit Need

---

- \$6.7 million preauthorized G.O. Bonding
- Need \$1 million in G.O. Bond funds  
\$200,000 per year for five years
- Bus Stop infrastructure



# Summary of Streets & Transit Need

- Streets
  - Reallocate \$15 million in cash funding to preauthorized G.O. Bonds
  - Additional \$30 million in G.O. Bonds needed over 5 years (years 1-5 of CIP)
  - Ongoing need of 10 million/Year for ARP, i.e. \$50 million over 5 years (years 6-10 of CIP, in present day dollars)
- Transit
  - Need \$1 million for Bus Stops



# Questions?

---



# Remaining Voter Authorization Five-Year CIP

G. O. Bond Authorization FY20 - FY25				
	Constitutional Limit	Current G. O. Bond Voter Authorization	Projects Identified for G. O. Bond Funding	Remaining G. O. Bond Voter Authorization
<b>Landfill</b>	6%	15,540,000	17,938,400	(2,398,400)
<b>Operations Center</b>	6%	6,200,000	-	6,200,000
<b>Library</b>	6%	17,096,000	15,324,387	1,771,613
<b>Cultural Facility</b>	6%	13,435,000	300,000	13,135,000
<b>Economic Development</b>	6%	22,047,000	-	22,047,000
<b>Governmental Facilities</b>	6%	23,745,000	20,450,884	3,294,116
<b>Public Safety</b>	20%	98,060,000	61,486,954	36,573,046
<b>Streets and Parking</b>	20%	25,465,000	10,450,900	15,014,100
<b>Transit</b>	20%	6,750,000	-	6,750,000
<b>Open Space/Trails</b>	20%	50,459,000	176,795	50,282,205
<b>Parks and Recreation</b>	20%	14,332,000	55,124,401	(40,792,401)
<b>Flood Control</b>	20%	9,707,000	14,137,076	(4,430,076)
<b>Water and Sewer</b>	20%	10,000,000	-	10,000,000



# Remaining Voter Authorization Ten-Year CIP

G. O. Bond Authorization FY20 - FY30				
	Constitutional Limit	Current G. O. Bond Voter Authorization	Projects Identified for G. O. Bond Funding	Remaining G. O. Bond Voter Authorization
<b>Landfill</b>	6%	15,540,000	25,410,400	(9,870,400)
<b>Operations Center</b>	6%	6,200,000	-	6,200,000
<b>Library</b>	6%	17,096,000	24,338,165	(7,242,165)
<b>Cultural Facility</b>	6%	13,435,000	300,000	13,135,000
<b>Economic Development</b>	6%	22,047,000	-	22,047,000
<b>Governmental Facilities</b>	6%	23,745,000	45,515,974	(21,770,974)
<b>Public Safety</b>	20%	98,060,000	122,028,349	(23,968,349)
<b>Streets and Parking</b>	20%	25,465,000	10,450,900	15,014,100
<b>Transit</b>	20%	6,750,000	-	6,750,000
<b>Open Space/Trails</b>	20%	50,459,000	11,805,995	38,653,005
<b>Parks and Recreation</b>	20%	14,332,000	101,524,401	(87,192,401)
<b>Flood Control</b>	20%	9,707,000	18,970,421	(9,263,421)
<b>Water and Sewer</b>	20%	10,000,000	-	10,000,000



# Landfill Capital Projects

---

- 5-Year CIP - \$17,938,400
  - North Cell Liner \$7,788,400
  - North Cell Phase Construction \$10,150,000
  
- 10-Year CIP - \$25,410,400
  - North Cell Liner \$3,030,000
  - North Cell Phase Construction \$4,442,000



# Library Capital Projects

---

- 5-Year CIP - \$15,324,387
  - Velma Teague Library Renovation \$5,419,464
  - Main Library Renovation \$9,038,923
  - Foothill Library Renovation \$866,000
  
- 10-Year CIP - \$24,338,165
  - Main Library Renovation \$2,217,203
  - Foothills Library Renovation \$6,796,575



# Governmental Facilities Capital Projects

- 5-Year CIP - \$20,450,884
  - Glendale Operations Campus \$9,000,000
  - City Hall Remodel \$11,000,884
  - Underground Storage Tank \$450,000
  
- 10-Year CIP - \$45,515,974
  - City Hall Remodel \$3,919,266
  - Community Services Resource Center \$17,100,000
  - Adult Center Renovation \$1,173,200
  - Amphitheater Renovations \$2,872,624



# Public Safety Capital Projects

- 5-Year CIP - \$61,486,954
  - City Prosecutor Remodel \$3,000,000
  - Fire Station #153 (59<sup>th</sup> Ave and Thunderbird) \$5,190,000
  - Police Evidence Storage \$9,600,000
  - City Court Remodel \$4,000,000
  - Main Public Safety Building Remodel \$17,903,626
  - Foothills Police Station Remodel \$420,000
  - Gateway Police Station Remodel \$5,026,328
  - Fire Station #154 (43<sup>rd</sup> Ave and Peoria) \$2,625,000
  - Fire Station #155 (62<sup>nd</sup> Ave and Union Hills) \$5,190,000
  - Fire Station #156 (68<sup>th</sup> Ave and Deer Valley) \$200,000
  - Public Safety Building Remodel \$8,332,000



# Public Safety Capital Projects

- 10-Year CIP - \$122,028,349
  - Foothills Police Station Remodel \$3,295,748
  - Fire Station – Western Area \$12,662,463
  - Fire Station #156 (68<sup>th</sup> Ave and Deer Valley) \$2,425,000
  - Fire Station #157 (59<sup>th</sup> Ave and Brown) \$2,825,000
  - Police Station – West Area \$2,095,184
  - City Court Building \$37,238,000



# Parks and Recreation Capital Projects

- 5-Year CIP - \$55,124,401
  - Park Ground Irrigation \$2,121,432
  - Park Lighting \$3,282,332
  - Park Infrastructure Improvements \$40,740,000
  - Park Play Structures \$3,195,000
  - Heroes Lake Regional Park \$4,435,637
  - O'Neil Splash Pad \$1,350,000
- 10-Year CIP - \$101,524,401
  - Heroes Regional Park Build Out \$46,400,000



# Flood Control Capital Projects

- 5-Year CIP - \$14,137,076
  - Camelback Rd, 51<sup>st</sup> to 58<sup>th</sup> \$3,104,290
  - 83<sup>rd</sup> Ave, Bethany Home to Camelback \$259,500
  - Drainage Improv., Glenn Dr, 59<sup>th</sup> to 52<sup>nd</sup> \$3,394,100
  - Bethany Home Rd, 43<sup>rd</sup> Ave and 51<sup>st</sup> Ave \$4,926,000
  - Local Drainage Problems \$2,453,186
- 10-Year CIP - \$18,970,421
  - 83<sup>rd</sup> Ave, Bethany Home to Camelback \$2,870,000
  - 59<sup>th</sup> Ave and Thunderbird Storm Drain \$1,963,345



# Questions?

---